Eastern Illinois University
The Keep

Eastern Illinois Catalog Bulletins | University Publications

1997

Eastern Illinois University Undergraduate Catalog 1997 - 1998

Eastern Illinois University

Follow this and additional works at: http://thekeep.eiu.edu/eiu_catalogs

Recommended Citation
Eastern Illinois University, "Eastern Illinois University Undergraduate Catalog 1997 - 1998" (1997). *Eastern Illinois Catalog Bulletins*. 23.
http://thekeep.eiu.edu/eiu_catalogs/23

This Book is brought to you for free and open access by the University Publications at The Keep. It has been accepted for inclusion in Eastern Illinois Catalog Bulletins by an authorized administrator of The Keep. For more information, please contact tabruns@eiu.edu.

1997-1998

Eastern Illinois University

Undergraduate Catalog

The provisions of this catalog are not to be regarded as irrevocable contractual commitments between the University and the student. The University reserves the right to change any provision or requirement contained in this publication at any time within the student's term of residence. The catalog is presented to enable prospective students and others to learn about Eastern Illinois University and to state policies, requirements, regulations and procedures to assist students.

THE STUDENT'S RESPONSIBILITY

Certain requirements must be met before a degree is granted. These requirements concern such things as courses, majors and minors, and residence. It is important for students to acquaint themselves with these requirements and to continue to keep themselves informed about them during their college careers. It is also necessary in the general administration of the University to establish policies and regulations. It is important that students understand the policies and regulations which they are expected to follow. When changes are announced between catalog publications, they are published in the Official Notices in the *Daily Eastern News* and posted on the official bulletin boards of the Offices of the President and of the Dean of Enrollment Management.

EQUAL OPPORTUNITY/NON-DISCRIMINATION POLICY

Eastern Illinois University complies fully with applicable federal and state non-discrimination and equal opportunity laws, orders, and regulations. Eastern Illinois University will not discriminate in its programs and activities against any person because of race, color, sex, religion, age, national origin, ancestry, marital status, unfavorable discharge from military service, handicap, veteran status, sexual orientation, or any basis of discrimination precluded by the applicable federal and state statutes. This policy applies to admissions, employment, treatment of individuals, and access to programs. Inquiries concerning this policy may be directed to the appropriate admitting or employing unit or the Affirmative Action Office.

COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990

In accordance with the Americans with Disabilities Act (ADA), no individual shall be discriminated against on the basis of disability in the full and equal enjoyment of the goods, services, facilities, privileges, advantages, or accommodations of the University. Further, no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the University or be subjected to discrimination by the University.

Eastern Illinois University is an equal opportunity employer and does not discriminate against a qualified individual with a disability because of the disability of said individual in regard to job application procedures, the hiring, advancement, or discharge of employees, employee compensation, job training, and other terms, conditions, and privileges of employment.

Inquiries concerning this policy may be directed to the appropriate admitting or employing unit; or the University's ADA Coordinator: 581-7220.

*Eastern also complies with the **Federal Drug Free Schools** and **Communities Amendment Act** (Public Law 101-226), and the **Federal Student Right-to-Know** and **Campus Security Act** (Public Law 101-542).*

RIGHT TO PRIVACY STATEMENT

Eastern Illinois University has enacted a comprehensive policy protecting the privacy rights of students as required by the Educational and Privacy Act of 1974. Copies of the policy, "Privacy Rights of Eastern Illinois University Students," are available for inspection in the Office of University Publications.

CULTURAL DIVERSITY

America draws its strength and vitality from the diversity of its people. Eastern Illinois University is committed to cultural diversity and building a pluralistic campus that celebrates and draws upon the talents of all its students and staff.

Racist acts by any member of the University are subject to quick and firm disciplinary action. The University will not tolerate any form of discrimination or harassment based on race, ethnicity, gender or religion.

STUDENT CONDUCT CODE

As a community of scholars, Eastern Illinois University requires of its members a high level of ethical and academic integrity. The Student Conduct Code specifies student rights and responsibilities both academically and behaviorally. Each student is held accountable for adhering to the Code, which is published in the *Student Handbook*. Individual copies of the Student Conduct Code are available in the residence halls, the Student Life Office, and the Judicial Affairs Office. Questions concerning student rights and responsibilities may be directed to the Judicial Affairs Office located in the University Union (581-3827).

Eastern Illinois University

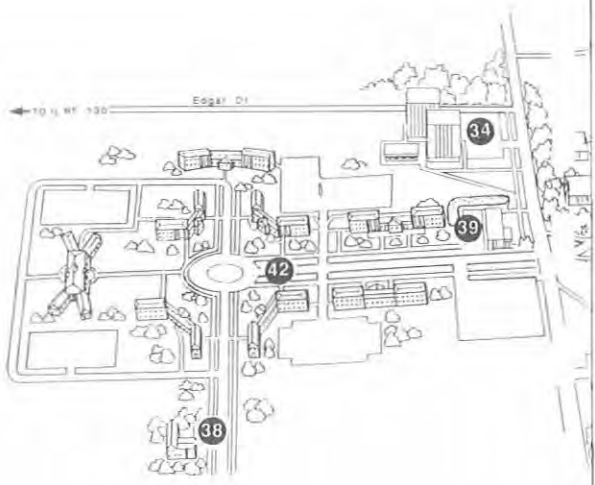
Undergraduate Catalog
April, 1997

98th Year

EASTERN ILLINOIS UNIVERSITY offers superior yet accessible undergraduate and graduate education. Students learn the methods and outcomes of free inquiry in the arts, sciences, humanities and professions guided by a faculty known for its commitment to teaching, research/creative activity, and service. The University community strives to create an educational and cultural environment in which students refine their abilities to reason and to communicate clearly so as to become responsible citizens in a diverse world.

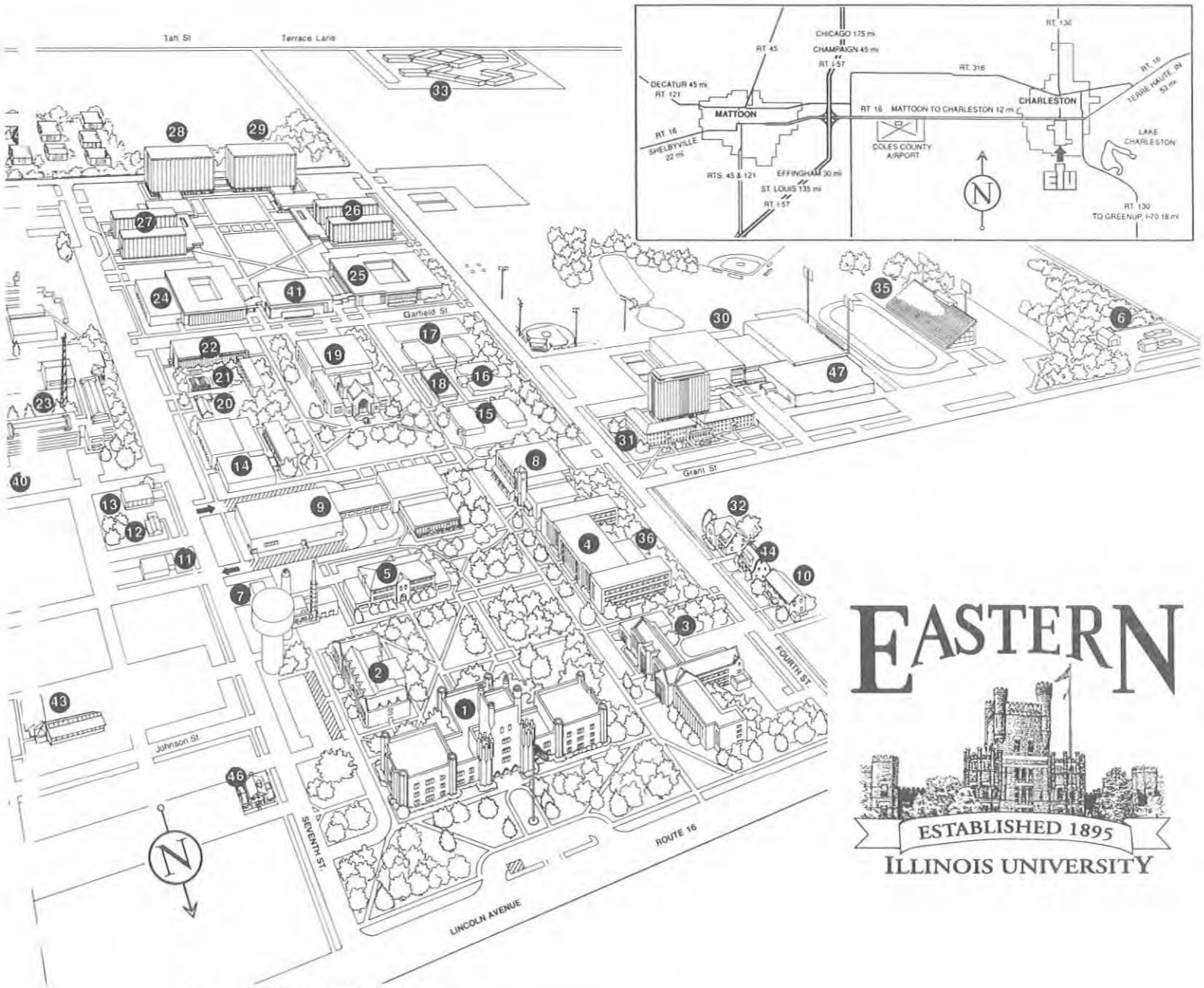
--Mission Statement

This catalog includes information concerning Admission, Enrollment, Fees, Housing, Program and Course Offerings for the Academic Year 1997-98, including Summer Term, 1997.



CAMPUS GUIDE

1. **OLD MAIN (Livingston C. Lord Administration Building):** Chief Administrative Offices (President/Vice Presidents); College of Sciences; Admissions, Affirmative Action, Budget Office, Business (Accounting) Services, Cashier, Enrollment Management, Graduate School, Grants and Research, Human Resources, Internal Auditor, International Student Advisor, Payroll, Personnel, Planning and Public Affairs, Purchasing, Records, Student Academic Services, Student Personnel Services, Treasurer, Department of Mathematics.
2. **BLAIR HALL (Francis G. Blair Hall):** Academic Assistance Center; Department of Sociology/ Anthropology; African-American Studies Program; BOG Degree Program; Offices of Academic Development, Faculty Development, and Minority Affairs; School of Adult and Continuing Education; University Publications.
3. **PEMBERTON HALL:** Residence Hall; Textbook Rental Service in south wing.
4. **PHYSICAL SCIENCE BUILDING:** Departments of Chemistry, Geology/Geography, Physics, Psychology; Pre-Engineering Studies.
5. **STUDENT SERVICES BUILDING:** Career Services, Information Technology Services, Duplicating Services, Financial Aid, Testing, Veterans Services.
6. **FACILITY PLANNING AND MANAGEMENT BUILDING:** Physical Plant Services, Administrative Services, Plant Engineer, Safety Officer.
7. **POWER PLANT**
8. **McAFEE GYM (Florence McAfee Gymnasium):** Office of Registration; Portion of the offices in Leisure Studies, Intercollegiate Athletics, and Department of Physical Education.
9. **UNIVERSITY UNION (Martin Luther King, Jr. University Union):** Bookstore, Arrangements (Campus Scheduling), Housing, Judicial Affairs, Orientation, Residence Hall Food Services, Student Life, Union Business Operations. Features include: ballrooms, bowling alley, dining facilities, lounges, conference rooms, student government offices.
10. **BOOTH HOUSE:** Honors Programs.
11. **TELEPHONE AND SECURITY BUILDING:** University Police Department, University Telecommunications office.
12. **BUZZARD HOUSE:** Counseling Center.
13. **CLINICAL SERVICES BUILDING:** Health Service, Department of Communication Disorders and Sciences, Speech-Language-Hearing Clinic.
14. **FINE ARTS CENTER (Quincy V. Doudna Fine Arts Center):** College of Arts and Humanities; Departments of Art, Music, and Theatre Arts. Features include: Dvorak Concert Hall, theatres.
15. **FORD HALL:** Residence Hall.
16. **McKINNEY HALL:** Residence Hall.
17. **WELLER HALL:** Residence Hall.
18. **GREGG TRIAD:** Food Service for Ford, McKinney, Weller Halls.
19. **BOOTH LIBRARY (Mary J. Booth Library):** Main Library, Self-Study Materials Center (SMC), Audio-Visual Center, University Archives, Illinois Regional Archives Depository.
20. **SCULPTURE STUDIO**
21. **GREENHOUSE (Thut Greenhouse)**
22. **LIFE SCIENCE BUILDING:** Departments of Botany, Environmental Biology, Zoology; Pre-Medical Studies.
23. **BUZZARD BUILDING (Robert G. Buzzard Building):** College of Education and Professional Studies; Offices of *Daily Eastern News, Warbler*; Radio-TV Center (WEIU-TV & WEIU-Radio); Reading Center; Instructional Technology Center; Child Development Lab; Departments of Educational Psychology and Guidance, Early Childhood, Elementary and Middle Level Education, Educational Administration, Secondary Education and Foundations, Special Education, Student Teaching, Journalism.
24. **KLEHM HALL:** Department of Military Science (ROTC program); Office of Career Occupations; School of Family and Consumer Sciences; School of Technology.
25. **COLEMAN HALL (Charles H. Coleman Hall):** Departments of Economics, English, Foreign Languages, History, Philosophy, Political Science, Speech Communication; Pre-Legal Studies, Social Science.
26. **TAYLOR HALL:** Residence Hall.
27. **THOMAS HALL:** Camps and Conferences Housing; Residence Hall.
28. **ANDREWS HALL:** Residence Hall.
29. **LAWSON HALL:** Residence Hall.
30. **LANTZ BUILDING (Charles P. Lantz, Health, Physical Education and Recreation):** Departments of Health Studies, Physical Education, Leisure Studies, Sports Information; Offices of Intercollegiate Athletics, Recreational Sports. Features include field house and swimming pool.
31. **LINCOLN-STEVENSON-DOUGLAS HALLS:** Residence Halls.
32. **BRAINARD HOUSE:** Offices of Development and EIU Foundation.
33. **UNIVERSITY APARTMENTS:** Apartments for married and graduate students.
34. **CARMAN HALL:** Residence Hall.
35. **O'BRIEN FIELD:** Football stadium, outdoor track.
36. **PHIPPS LECTURE HALL**
37. **TARBLE ARTS CENTER:** Exhibits, performances, outreach facilities.
38. **EAST HALL:** Extension of Greek Court, houses the Sigma Phi Epsilon fraternity.
39. **INTERNATIONAL HOUSE:** Academic Offices.
40. **GREENWOOD SCHOOL:** Restored historic country school.



EASTERN

ESTABLISHED 1895

ILLINOIS UNIVERSITY

41. LUMPKIN HALL:
Lumpkin College of Business and Applied Sciences; the School of Business -- Departments of Accountancy and Finance, Business Education and Administrative Information Systems, Computer and Operations Management, Management-Marketing.

42. GREEK COURT:
Greek housing. Sororities and fraternities located in the complex include: Panhellenic -- Alpha Gamma Delta, Alpha Phi, Alpha Sigma Alpha, Alpha Sigma Tau, Delta Zeta, Phi Sigma Sigma, Sigma Kappa, and Sigma Sigma Sigma; Interfraternity Council -- Delta Chi, Delta Sigma Phi, Lambda Chi Alpha, Pi Kappa Alpha, Sigma Chi, Sigma Nu, and Sigma Phi Epsilon; and Black Greek Council -- Delta Sigma Theta, Phi Beta Sigma, Sigma Gamma Rho, and Zeta Phi Beta.

43. BURL IVES ART STUDIO HALL

44. LINDER HOUSE:
Home of Eastern's Alumni Association.

45. UNIVERSITY COURT:
Apartments for juniors, seniors, graduate students, married students, and visiting faculty.

46. AFRICAN-AMERICAN CULTURAL CENTER

47. STUDENT RECREATION CENTER

CONTENTS

By Section

Mission of Eastern Illinois University 1
Map of the Campus 2
University Calendar 5
Board of Trustees of
Eastern Illinois University 8
Eastern Illinois University
Chief Administrative Officers 8

I. General Information 10
II. Student Activities, Services, and
Regulations 12

III. Student Expenses, Housing, and
Financial Aid 18
IV. Admission, Readmission,
Enrollment, and Advisement 37

V. Academic Regulations and
Requirements 42
VI. General Education 51

VII. Fields of Study 56
VIII. College Descriptions and
Program Requirements 59

IX. School of Adult and Continuing
Education 103
X. Graduate School 106

XI. Course Descriptions 108
XII. Faculty 175
XIII. Index 188

By Selected Topic

Academic Load 45

Academic Warning/Probation/Dismissal . . . 45

Admission Procedures 37

Admission to Teacher Education 79

Class Attendance Policy 46

Declaring a Major 43

Enrollment by Course Level 46, 108

Graduation Requirements 47

High School Course Deficiencies 37

Phone Numbers . . . . . Inside back cover

Tuition and Fees 20

Unclear Records 40

Withdrawal from a Course 47

Optional Catalog Requirements

A native student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time of his/her entrance to the University or under the requirements stated in a subsequent catalog published prior to his/her graduation.

An undergraduate transfer student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at Eastern Illinois University by more than three years. Such a student may choose to graduate under subsequent catalogs on the same basis as native students.

The catalog options for a student who was concurrently enrolled at any college while still enrolled in high school begin with the catalog in effect during the first semester of college enrollment subsequent to graduation from high school.

In no case may a student combine or choose various requirements from several catalogs in order to achieve minimal curriculum. During periods of transition, deans, in consultation with department chairpersons, are authorized to make such curriculum adjustments to graduation plans as will insure academically meaningful programs. It is understood that the period of implementation of the revised General Education Requirement constitutes such a period of transition. Copies of all such authorizations must be filed with the Records Office.

Eastern Illinois University

1997-98 Academic Calendar

Summer Term 1997

	Intersession	5-Week	8-Week
Late Registration Begins ($25 late fee applies)	May 12	June 9	June 9
Classes Begin	May 12	June 9	June 9
Last Day to Add Courses (Touch-Tone)	May 14	June 11	June 11
Last Day to Submit Audit or Credit/No Credit Requests (Touch-Tone)	May 15	June 16	June 16
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for Tuition & Fees Refund, Except Insurance **(4 p.m.)**	May 15	June 16	June 16
Last Day to Apply or Reapply for Graduation	June 16	June 16	June 16
Last Day to **DROP A COURSE with NO GRADE** (Touch-Tone) **(4 p.m.)**	May 15	June 16	June 16
W for Course Withdrawal Begins	May 16	June 17	June 17
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be eligible for 50% Tuition & Fees Refund, Except Insurance	n/a	June 24	June 24
Memorial Day Observance - No Classes	May 26	n/a	n/a
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for Pro-Rated Tuition and Fees Refund, Except Insurance (FIRST-TIME ENTERING STUDENTS ONLY)	n/a	June 27	June 27
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for 25% Tuition and Fees Refund, Except Insurance (CONTINUING STUDENTS ONLY)	n/a	June 27	June 27
Last Day for Grade Appeals	July 2	July 2	July 2
Independence Day Observance - No Classes	n/a	July 3	July 3
Last Day to **WITHDRAW FROM A COURSE OR THE UNIVERSITY with W's** (Touch-Tone)	June 3	July 2	July 18
Last Day to Remove Credit/No Credit Requests (Touch-Tone)	June 3	July 2	July 18
Last Class Day	June 6	July 14	July 30
Final Examination Period	June 6	July 15	July 31, Aug 1, 2
Commencement	August 3	August 3	August 3
Semester Closes	June 6	July 15	August 5
Deadline to Return Rental Books without **FINE (4 p.m.)**	August 4	August 4	August 4

Fall Semester 1997

Last Day to **CANCEL FALL CLASSES** and Receive Full Refund . . . . . August 21
Orientation Activities Begin . . . . . August 21
Late Registration Begins (late fee applies) . . . August 22
Classes Begin . . . . . August 25
[First-Half-Term Courses Begin] . . . . . August 25
Last Day to Add Courses (Touch-Tone) . . . . August 29
Labor Day Observance - No Classes . . . . . September 1
Last Day to Submit Audit Requests . . . . . September 3
Last Day to Apply/Reapply for Graduation . September 8
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be eligible for Tuition & Fees Refund, except Insurance **(4 p.m.)** . . . . . September 8
Last Day to Request Insurance Refund (if equal coverage) . . . . . September 8
Last Day to Submit Credit/No Credit Requests (Touch-Tone) **(4 p.m.)** . . . . . September 8
Last Day to **DROP A COURSE with NO GRADE** (Touch-Tone) **(4 p.m.)** . . . . . September 8
W for Course Withdrawal Begins . . . . . September 9
Last Day for Grade Appeals . . . . . September 22
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for 50% Tuition & Fees Refund, except Insurance . . . . . September 22
[Last Day to Withdraw from First-Half-Term Course-W (Touch-Tone)] . . . . . September 26
Mid-Term . . . . . October 15
[Last Day to DROP with NO GRADE or ADD SECOND-HALF-TERM COURSES (Touch-Tone)] . . . . . October 15
[Second-Half-Term Courses Begin] . . . . . October 16
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for 25% Tuition and Fees Refund, Except Insurance (CONTINUING STUDENTS ONLY) . . . . . October 17
Last Day to **WITHDRAW FROM A COURSE OR THE UNIVERSITY with W's** (Touch-Tone) . . . . . October 24
WP/WF for Course Withdrawal Begins . . . October 25
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for Pro-rated Tuition and Fees Refund, Except Insurance (FIRST-TIME ENTERING STUDENTS ONLY) . . . . . October 31
Last Day to Remove Credit/No Credit Requests (Touch-Tone) . . . . . November 7
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with WP/WF's (Touch-Tone) . . . . . November 7
[Last Day to Withdraw from SECOND-HALF-TERM COURSE-W (Touch-Tone) November 19
Thanksgiving Recess . . . . . November 24-28
Last Class Day . . . . . December 12
Commencement . . . . . December 13
Final Examination Period . . . . . December 15-19
Deadline to Return Rental Books without **FINE (4:30 p.m.)** . . . . . December 19
Semester Closes . . . . . December 20

Spring Semester 1998

Last Day to **CANCEL SPRING CLASSES** and Receive Full Refund . . . . . January 8
Orientation Activities Begin . . . . . January 8
Late Registration Begins (late fee applies) . . . January 9
Classes Begin (Reg. and First-Half-Term) . . . January 12
Last Day to Add Courses (Touch-Tone) . . . . January 16
King's Birthday Observance - No Classes . . . January 19
Last Day to Submit Audit Requests . . . . . January 21
Last Day to Apply or Reapply for Graduation January 26
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be eligible for Tuition & Fees Refund, except Insurance **(4 p.m.)** . . . . . January 26
Last Day to Request Insurance Refund (if equal coverage) . . . . . January 26
Last Day to Submit Credit/No Credit Requests (Touch-Tone) **(4 p.m.)** . . . . . January 26
Last Day to **DROP A COURSE with NO GRADE** (Touch-Tone) **(4 p.m.)** . . . . . January 26
W for Course Withdrawal Begins . . . . . January 27
Last Day for Grade Appeals . . . . . February 9
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for 50% Tuition & Fees Refund, except Insurance . . . . . February 9
Lincoln's Birthday Observance - No Classes February 13
[Last Day to Withdraw from FIRST-HALF-TERM Course-W (Touch-Tone)] . . . . . February 16
Mid-Term . . . . . March 5
[Last Day to DROP with NO GRADE or ADD SECOND-HALF-TERM COURSES (Touch-Tone)] . . . . . March 5
[Second-Half-Term Courses Begin] . . . . . March 6
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be eligible for 25% Tuition and Fees Refund, Except Insurance (CONTINUING STUDENTS ONLY) . . . . . March 6
Last Day to **WITHDRAW FROM A COURSE OR THE UNIVERSITY with W's** . . . . . March 13
WP/WF for Course Withdrawal Begins . . . . March 14
Spring Recess . . . . . March 16-20
Last Day to Remove Credit/No Credit Requests (Touch-Tone) . . . . . March 27
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for Pro-Rated Tuition and Fees Refund, Except Insurance (FIRST-TIME ENTERING STUDENTS ONLY) . . . . . March 27
Last Day to **WITHDRAW FROM A COURSE OR THE UNIVERSITY with WP/WF's** (Touch-Tone) . . . . . March 27
[Last Day to Withdraw from Second-Half-Term Course-W (Touch-Tone)] . . . . . April 9
Last Class Day . . . . . May 1
Final Examination Period . . . . . May 4-8
Deadline to Return Rental Books without FINE **(4:30 p.m.)** . . . . . May 8
Commencement/Semester Closes . . . . . May 9

Summer Term 1998

	Intersession	5-Week	8-Week
Late Registration Begins ($25 late fee applies)	May 11	June 8	June 8
Classes Begin	May 11	June 8	June 8
Last Day to Add Courses (Touch-Tone)	May 13	June 10	June 10
Last Day to Submit Audit or Credit/No Credit Requests (Touch-Tone)	May 14	June 15	June 15
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for Tuition & Fees Refund, Except Insurance **(4 p.m.)**	May 14	June 15	June 15
Last Day to Apply or Reapply for Graduation	n/a	June 15	June 15
Last Day to **DROP A COURSE with NO GRADE** (Touch-Tone) **(4 p.m.)**	May 14	June 15	June 15
W for Course Withdrawal Begins	May 15	June 16	June 16
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be eligible for 50% Tuition & Fees Refund, Except Insurance	n/a	June 23	June 23
Memorial Day Observance - No Classes	May 25	n/a	n/a
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for Pro-Rated Tuition and Fees Refund, Except Insurance (FIRST-TIME ENTERING STUDENTS ONLY)	n/a	June 26	June 26
Last Day to **WITHDRAW FROM THE UNIVERSITY** and be Eligible for 25% Tuition and Fees Refund, Except Insurance (CONTINUING STUDENTS ONLY)	n/a	June 26	June 26
Last Day for Grade Appeals	July 6	July 6	July 6
Independence Day Observance - No Classes	n/a	July 2	July 2
Last Day to **WITHDRAW FROM A COURSE OR THE UNIVERSITY with W's** (Touch-Tone)	May 29	July 1	July 17
Last Day to Remove Credit/No Credit Requests (Touch-Tone)	May 29	July 1	July 17
Last Class Day	June 4	July 13	July 29
Final Examination Period	June 4	July 14	July 30, 31, Aug 1
Commencement	August 2	August 2	August 2
Semester Closes	June 5	July 14	August 3
Deadline to Return Rental Books without **FINE (4 p.m.)**	August 3	August 3	August 3

Board of Trustees of Eastern Illinois University

Appointed Members
Nate Anderson, Rock Island
Keith Branson, Mattoon
Susan Gilpin, Park Ridge
Mack Hollowell, Charleston
Thomas Johnson, Rockford
Carl Koerner, Effingham
Betsy Mitchell, Champaign

Student Member
Brian Anderson, Grafton

Officers
Mack Hollowell, Chairperson
Susan Gilpin, Vice Chairperson
Thomas Johnson, Secretary
Judy Gorrell, Assistant Secretary
Morgan R. Olsen, Treasurer

Eastern Illinois University Chief Administrative Officers

President
David L. Jorns

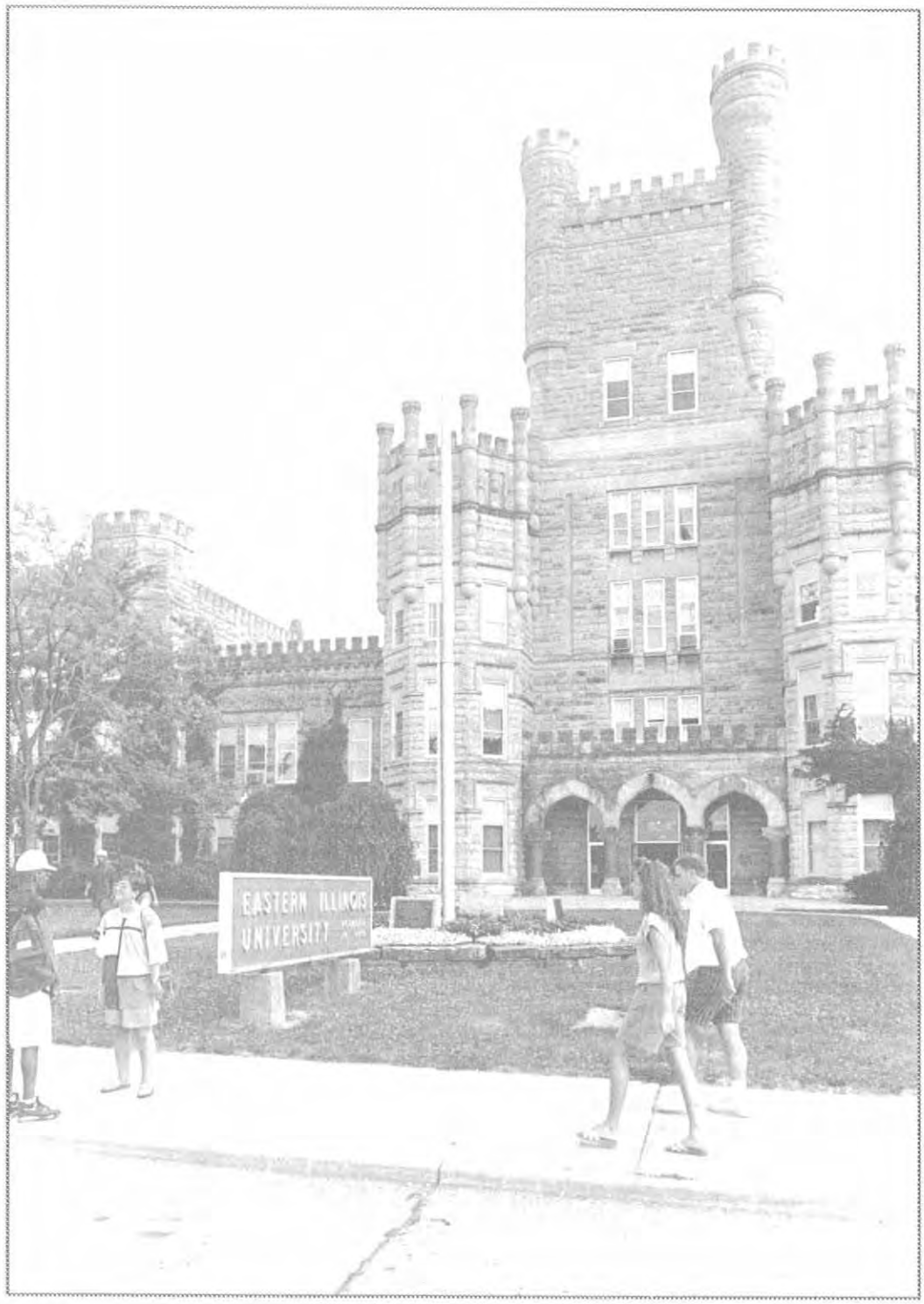
Provost and Vice President for Academic Affairs (Interim)
Terry M. Weidner

Vice President for Student Affairs
Louis V. Hencken

Vice President for Business Affairs
Morgan R. Olsen

I

General Information



Accreditation

Eastern Illinois University is accredited through the specialist level by the Commission on Institutions of the North Central Association of Colleges and Schools and by the National Council for Accreditation of Teacher Education for the preparation of elementary and secondary teachers and school service personnel. In addition, the business programs offered by the Lumpkin College of Business and Applied Sciences are accredited by the American Assembly of Collegiate Schools of Business (AACSB).

The programs in art are accredited by the National Association of Schools of Art and Design. The B.S. degree in chemistry is accredited by the American Chemical Society. The B.S. degree in family and consumer sciences is accredited by the American Home Economics Association. The B.S. degree in industrial technology is accredited by the National Association of Industrial Technology. The B.A. degree in journalism is accredited by the Council on Education in Journalism and Mass Communication.

The programs in music are accredited for the B.Mus. and M.A. by the National Association of Schools of Music. The B.S. degree in physical education with athletic training is accredited by the National Athletic Trainers Association. The B.S. degree in recreation administration is accredited by the National Recreation and Parks Association. The programs in communication disorders and sciences are accredited by the American Speech-Language-Hearing Association. Eastern's Counseling Service is accredited by the International Association of Counseling Services.

Organization of the University

Eastern Illinois University is governed by its own Board of Trustees. The President is responsible for the operation and general welfare of the University.

The University is organized into three areas, each headed by a vice president: Academic Affairs, Student Affairs and Business Affairs.

The primary academic units include the College of Arts and Humanities; the Lumpkin College of Business and Applied Sciences; the College of Education and Professional Studies; the College of Sciences; the Graduate School; and the School of Adult and Continuing Education.

Faculty and students participate in University affairs through membership on the Faculty Senate, Student Senate, Staff Senate, academic and administrative councils and committees. These groups, most of which have both student and faculty members, consider and recommend policies and procedures to the President.

Location

Eastern Illinois University is located in Charleston, Illinois, county seat of Coles County, in east central Illinois. The city has a population of approximately 20,000. Two state highways, 16 and 130, go through Charleston and provide access to Interstates 57 and 70. Air transportation is provided daily to and from Chicago through the Coles County Airport. Amtrack service is provided through Mattoon, 10 miles from Charleston.

History

The University was established as Eastern Illinois State Normal School in 1895 by the Illinois General Assembly. In response to growth and change, the institution became Eastern Illinois State Teachers College in 1921, Eastern Illinois State College in 1947, and Eastern Illinois University in 1957. The University grants bachelor's, master's, and specialist's degrees.

The Campus

The University campus is located on 320 acres and consists of 72 buildings, including 12 residence halls and 17 apartment buildings. The University also owns wooded tracts near Charleston which are used for nature study and life science research.

The Eastern Illinois University Foundation

The Eastern Illinois University Foundation was established in 1953. The purpose of the Foundation is to provide a mechanism for private support of University programs, thereby providing a margin of excellence. The Foundation successfully reached its Second Century Campaign goal of $20 million, then raised the goal to $25 million. That successful campaign was completed December 31, 1995.

Membership of the Foundation consists of 110 persons, including alumni and friends of the University. The Board of Directors of the Foundation consists of nine persons elected from the general membership.

Eastern Illinois University Alumni Association

The EIU Alumni Association was established in 1905 as a means of allowing continuing involvement of graduates and former students in the development of their University. The organization has a number of broad objectives which it has traditionally pursued. These include: sponsoring special events for alumni; assisting with homecoming, class reunions, and similar activities; facilitating communication between alumni and the University; maintaining alumni records; and helping with fundraising and other initiatives which contribute to the welfare of the University.

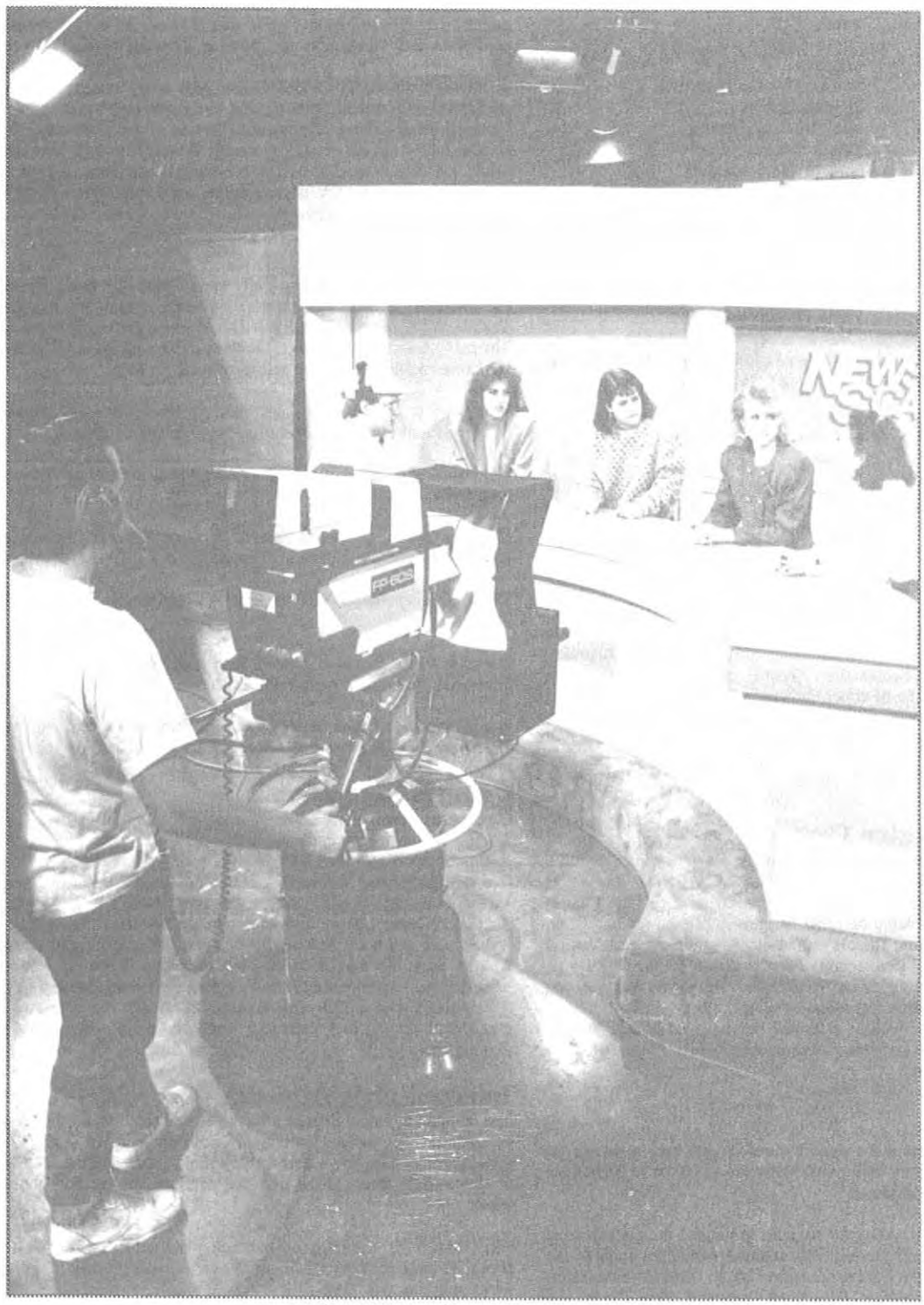
Eastern Illinois University Parents Club

First formed in the fall of 1974, the Parents Club is an established and energetic organization at Eastern Illinois University. The purpose of the Parents Club is to act as a communication link between the University's administration and parents. Members help to increase the personal ties between the University and the parents by voicing their opinions on policy matters and other issues through the Parents Club board of directors. The Parents Club also selects worthwhile projects to benefit the students, their parents, and the University. Monies collected through membership fees help fund the various projects. All parents and families are invited to join this worthy organization.

In 1985 the Parents Club established a scholarship program available to all Eastern undergraduates. That year, the club awarded one $500 scholarship. The club has now awarded over $81,800 to 106 students. In 1997-98 the club will award 25 $900 scholarships to Eastern Students.

II

Student Activities, Services, and Regulations



Martin Luther King, Jr. University Union

The Union is the hub of campus life. Through its programs and services it advances the educational mission of the University. The Union is a laboratory of leadership in community participation through its part in student governments and activity programs. The Union's services include catering, restaurants, retail sales, recreation, and meeting locations.

The following is a listing of programs and services offered in the Union:

Activity Tickets
ATM
Bookstore
Bowling and Billiards
Bus Tickets
Cake and Balloon Bouquets
Camping Equipment Rental
Catering and Dining Service
Check Cashing
Coffee Express
Computer Lab
Copy Express
Craft Depot
Fax Machine
Fraternities and Sororities
Graphics and Promotions
Hair Salon
Housing Office
Information
Lobby Shops
Lounges
McDonald's On Campus
Meeting Rooms
Minority Programming
Rathskeller Restaurant
Student-Faculty Boards
Student Government
Student Legal Service
Study Areas
Television Lounges
University Programming Board
Video Pinball Arcade

The Union Board advises the University on Union policies and operations. The facility is a self-sustaining program supported by student fees.

STUDENT ACTIVITIES

Theatre Arts

The Theatre Arts Department houses two theatres and produces six full-scale productions per year, plus a Professional Summer Theatre program and student-directed Studio Theatre productions. Registered EIU students may participate in departmental activities which include acting, building scenery and properties, making costumes, and mounting lights under faculty supervision. Qualified junior and senior majors may also direct or design sets, lights, or costumes for mainstage productions. Any qualified student may join Alpha Psi Omega, the national honorary dramatics society. In addition to the Excellence in Fine Arts Scholarships, the Jorns Scholarship, and the Sullivan Memorial Scholarship, Theatre Arts also offers a number of other scholarships, some of which include a full tuition waiver. Paid internships are offered in setting, lighting, and costuming. In addition, paid apprenticeships and professional positions are offered in performance and technical areas in summer theatre. The department traditionally participates in the American College Theatre Festival.

Radio and Television Center

Several activities provide an introduction to the broadcast media. The Center operates radio station WEIU FM 88.9 and television station WEIU TV Channel 51. The stations serve an 11-county area of East Central Illinois. WEIU TV is available on cable systems in Mattoon, Charleston, Champaign, Effingham, Paris, Tuscola and 54 other systems in East Central Illinois. *News Scan, EIU Connection, Panther Country,* and *The Lynch Colloquium Series* are produced by WEIU TV. Broadcast activities are open to all full-time students regardless of major. Both paid and unpaid positions are available, as well as a limited number of Talented Student Awards (TSA). Interested students should contact WEIU TV at 581-5956 or WEIU FM at 581-6116.

Music

The Music Department offers many opportunities for students to participate in making music. All students in the University are welcome to participate in the activities of the Department.

Musical ensembles provide a setting for students to expand their performing skills and understanding of music. Instrumental ensembles include the Concert Band, Jazz and Lab Bands, Marching Band, Marimba Orchestra, Pep Bands, Percussion Ensemble, Symphony Orchestra, Flute Choir, and Wind Ensemble. Choral ensembles include the Chamber Singers, Concert Choir, Mixed Chorus, Show Choir, Theatre/Opera Workshop, and Oratorio Chorus. Other special vocal and instrumental ensembles provide additional opportunities for students to study and perform.

Auditions for most ensembles are posted in the Music Department Office prior to the first day of classes.

The Tarble Arts Center

The Tarble Arts Center, located on south Ninth Street at Cleveland Avenue, is a major cultural resource serving East Central Illinois. The Center presents a year-round schedule of changing visual arts exhibitions, art enrichment programs, visiting artists and lecturers, chamber music concerts, classes and workshops, poetry and fiction readings, and special events, frequently in cooperation with other Eastern departments and community groups. Annual exhibitions feature folk arts, works by the Art faculty and students, and children's art, with a drawing/watercolor competition sponsored biennially. Other exhibitions present contemporary, historical, or international art in various media from other museums and galleries, private and corporate collections, and circulating exhibition agencies. The Center also maintains a permanent collection of art, with concentrations in contemporary Midwest works on paper, Illinois folk arts, American Scene prints, and Paul T. Sargent paintings. Various academic departments, area schools, and community groups utilize the exhibitions and facilities for study, tours, and meetings.

Publications

Student publications include a daily newspaper, *The Daily Eastern News;* the *Warbler*, a yearbook; *Minority Today*, a monthly newspaper; the *Vehicle*, a literary magazine; and *Heartland*, a general interest magazine. The publications are produced by student staffs with faculty advisors. Staff positions on all publications are open to all students.

The *News* is published Monday through Friday during Fall and Spring Semesters and twice weekly during the Summer Session.

The *Warbler* is issued annually as a historical and pictorial record of the University year.

Minority Today, published four times each semester, focuses on issues relating to Eastern's minority community.

The *Vehicle* is published each semester. Creative material is solicited from all students.

Heartland is a biannual feature magazine directed to the non-campus population in the area surrounding Eastern.

A small portion of each student's activity fees goes toward subscription to *The Daily Eastern News* and a copy of the *Warbler.*

Campus Recreation

Campus Recreation offers intramural sport and informal recreation programs for all students regardless of skill level. Participation is voluntary. Intramural sport activities include eight team sports, 20 special events and five racquet sports. Informal recreation activities are available in a wide variety of aquatic, fitness and sport activity settings including the Student Recreation Center with six basketball/volleyball courts, a large fitness center with aerobic and body part machines and a 1/8-mile jogging track; a free-weight area; an aerobic/multi-purpose room; a dance studio, and a lobby/lounge. Additional facilities include a swimming pool; a gymnasium; a fieldhouse with a 220-yard, six-lane track and five tennis courts; five racquetball courts; and numerous outdoor courts, playing fields and a jogging trail.

Intercollegiate Athletics

The program of intercollegiate athletics is dedicated to a belief that athletic competition promotes individual development of traits such as sportsmanship, fair play, honesty, fellowship, understanding, and adherence to democratic ideals to the end that personal growth and character will result.

The University program of intercollegiate athletics for men includes football, basketball, baseball, track, cross country, tennis, golf, soccer, swimming and wrestling.

The University program of intercollegiate athletics for women includes basketball, cross country, volleyball, softball, track, golf, swimming, tennis and soccer.

The University adheres to the intercollegiate athletics policies of the National Collegiate Athletic Association, and is a member of the Ohio Valley Conference.

Forensics

Through the Department of Speech Communication, students of undergraduate standing are offered the opportunity to gain intercollegiate tournament experience in individual speaking events and debate.

Members of the forensics teams engage in competition with teams from the major colleges and universities. Scholarships and tuition waivers are available through the Forensics Program.

Affiliation is maintained with several regional and national forensic organizations including: Interstate Oratorical Association; American Forensic Association; National Forensic Association; Mid America Forensic League; and the Cross Examination Debate Association.

STUDENT ORGANIZATIONS

Student Government

Student government is organized on the same plan as the federal government with its executive, legislative, and judicial branches. Student officers and student senators are elected by popular vote.

Student government is concerned with matters pertaining to student welfare, student activities, and student participation in University planning and administration.

Student-Faculty Boards

Student members of the student-faculty boards are appointed by the Student Body President with the approval of the Student Senate; faculty members are appointed by the Faculty Senate. The Executive Vice President of the Student Body or his/her representative is an ex-officio member of all boards. The boards are as follows: Apportionment, Council on Academic Affairs, Council on Graduate Studies, Council on Teacher Education, Council on University Planning and Budget, Health Service Advisory, Intercollegiate Athletics, Judicial, Library Advisory, Parking and Traffic Appeals, Radio and TV Center, Sports and Recreation, Student Housing, Student Legal Service, Student Publications, Textbook Rental Advisory, University Union, and Women's Studies.

University Board

The committees are Concerts (the Family Weekend Show and other major concerts), Performing Arts (approximately six outstanding fine-arts performers and/or groups are presented each year), Lectures (approximately six well-known lecturers on a variety of subjects are brought to campus each year), Movies (low-cost movies are provided periodically throughout the school year), Special Events (variety shows), Homecoming, Video Tape, Communications (the Board's calendar book, "The Eventsful," and a monthly newsletter, *The Panther Pages*, informing the campus of the Board's activities, etc.), Graphics (the Board's publicity), Human Potential (minority programs), comedy, and Productions (light and sound support for University Board events).

Departmental Clubs

Most of the departments at Eastern have student organizations for their majors. These clubs provide students with the opportunity to meet others with the same majors and interests. Some of these organizations are honoraries and give recognition to students who excel in their major field. Contact the Department Chairperson for information on the organizations within each major.

Religious Organizations

Most of the major religions or denominations are represented by student groups on campus. The office of Student Life makes available a current listing of campus organizations which may be obtained in Room 316, University Union.

Residence Hall Government

The Hall Council in each residence hall is composed of representatives from each corridor, elected hall officers, and committee chairpersons according to the constitution of the hall. The Council is the governing body of the hall and is the channel of communication to the Residence Hall Association and/or the Housing Office. Residents are encouraged to take an active role in the government of the hall. Specific procedures regarding residence hall governments are outlined in the Residence Hall Handbook.

The purpose of the Residence Hall Association (RHA) is to deal with matters of mutual interest and to coordinate the joint activities of the member halls. The RHA consists of two or more representatives from each hall depending upon the size of the hall. The RHA has the responsibility of reviewing and making recommendations relative to University Housing Policies and Procedures for the betterment of the residence halls of Eastern Illinois University. Suggestions for the betterment of a hall are made to the RHA representative.

Reserve Officer Training Corps (ROTC)

Army ROTC offers opportunities and challenges that can put students on the fast track to success in life. Students develop the confidence, self-esteem, motivation and leadership skills needed, regardless of career plans. The qualities that ROTC training instills will be vital to a productive and rewarding future.

Scholarships are available-- most with absolutely no military obligation. Military Science is an elective course that provides students a combination of academics and important hands-on training. Students will be offered physical and mental challenges geared to help them succeed in college and beyond. They will learn teamwork and be given responsibilities such as teaching younger students the same skills they have learned. Training includes rappelling, orienteering, basic marksmanship skills, air-assault exercises, confidence course exercises, and hiking.

For its many benefits, Army ROTC requires only a few hours a week; it won't interfere with required curriculum or social life. Anyone can take basic course ROTC classes with no military obligation.

Special Interest Groups

The following are some, but not all, of the special interest groups: Association of International Students, Latin American Student Organization, Black Student Union, University Democrats, EIU Rugby Club, Parents Club, and College Republicans.

Interfraternity Council

The Interfraternity Council is composed of the presidents of the member fraternities and one elected representative from each fraternity. The IFC aids in establishing policies related to the entire fraternity system. IFC cooperates with the Panhellenic Council in planning cooperative proactive programming of critical issues related to the Greek and college/community world. The following fraternities are represented on Eastern's campus:

Delta Chi, *EIU Chapter*
Delta Sigma Phi, *Delta Psi Chapter*
Delta Tau Delta, *Zeta Rho Chapter*
Lambda Chi Alpha, *Phi Alpha Chapter*
Kappa Delta Rho, *Colony*
Phi Delta Theta, *Colony*
Pi Kappa Alpha, *Zeta Gamma Chapter*
Sigma Chi, *Eta Mu Chapter*
Sigma Nu, *Lambda Gamma Chapter*
Sigma Phi Epsilon, *EIU Chapter*
Sigma Pi, *Beta Gamma Chapter*

Panhellenic Council Association

The Panhellenic Council Association is composed of the presidents of sororities and one elected representative from each sorority. The Council deals with problems confronting the sororities, establishes rules for rushing, cooperates with the Interfraternity Council in planning all-Greek activities and programs and recognizes chapter excellence in all areas of Greek Life: scholarship, social, philanthropic, and service. The following sororities are represented on Eastern's campus:

Alpha Gamma Delta, *Beta Iota Chapter*
Alpha Phi, *Zeta Alpha Chapter*
Alpha Sigma Alpha, *Gamma Omega Chapter*
Alpha Sigma Tau, *Beta Pi Chapter*
Delta Zeta, *Gamma Nu Chapter*

Phi Sigma Sigma, *Delta Omicron Chapter*
Sigma Kappa, *Gamma Mu Chapter*
Sigma, *Alpha Psi Chapter*

National PanHellenic Council

The National PanHellenic Council is the governing organization of the nine historically black Greek-lettered fraternities and sororities listed below. The organization's purpose is to promote and coordinate activities that assist member organizations in attaining their fraternal, educational, cultural, and social objectives. It is also the organization's purpose to maintain a high standard of sorority and fraternity life, as well as interfraternal relations.

The NPHC works throughout the year on various social, educational, and community service projects that benefit the campus community as a whole. Member organizations are as follows:

Sororities
Alpha Kappa Alpha, *Eta Gamma Chapter*
Delta Sigma Theta, *Theta Zeta Chapter*
Sigma Gamma Rho, *Delta Beta Chapter*
Zeta Phi Beta, *Omicron Delta Chapter*
Fraternities
Kappa Alpha Psi, *Theta Gamma Chapter*
Phi Beta Sigma, *Delta Chi Chapter*
Iota Phi Theta, *Beta Gamma Chapter*
Omega Psi Phi, *Tau Theta Chapter*

ACADEMIC SERVICES

The University provides several programs which students may use for educational assistance. There is no fee for any of these services, and the University encourages all students to take advantage of them. In addition, students should consult *The Daily Eastern News* every Friday for "Official Notices" regarding exam schedules, requirements, deadlines, etc.

Academic Assistance Center

The Academic Assistance Center is located on the first floor of Blair Hall. Beginning freshmen, all students with undeclared majors, and students waiting to be accepted into programs with special admission criteria are assigned to the Center for academic advising. In addition to serving these groups, the Center also provides assistance concerning academic policies and procedures. The Academic Assistance Center guides students as they choose an academic program and examine how that program relates to career goals.

Mathematics Diagnostic Center

The Mathematics Diagnostic Center (MDC) is located in the East wing of the 3rd floor of Old Main, Room M303A. The MDC is designed to assist students who are under-prepared in mathematics. Use of the MDC is restricted to students enrolled in Mathematics 1000. Placement in Mathematics 1000 is by referral and by a student's score on the ACT Mathematics Placement Exam, or the Intermediate Mathematics Placement Test (IMPT). Students who need to enroll in the MDC (Mathematics 1000) should do so during any regular registration period.

The purpose of the Mathematics Diagnostic Center is to provide a laboratory environment in which students can develop the skills and knowledge needed to complete the mathematics courses required for their majors. There are two strands of diagnostic tests and prescriptive programs available: one for students preparing to take the Mathematics 1270-1271 sequence and one for students planning to take the Mathematics 1420-2420C sequence.

Since this laboratory has scheduled classes up to 12 hours daily, it is not normally available on a walk-in basis. Students seeking tutoring in specific mathematics courses should contact the Mathematics Department for details on tutoring services available.

Reading Center

The Reading Center, located in Buzzard Building provides a variety of services related to the improvement of reading and study skills. Small group instruction is provided through GST 1000, Reading and Study Improvement. Individualized assistance/tutorial services are provided on a walk-in basis. The Reading Center's services are available for students who wish to expand their reading skills in preparation for advanced degrees. Diagnosis and remediation are offered for teacher education candidates preparing to take the mandated professional tests.

Writing Center

The Writing Center is located in Coleman Hall, Room 301. The Center is available free of charge for all students at Eastern. Writing Center tutors will answer questions, offer suggestions, and analyze writing problems. Students preparing for the Writing Competency Examination should arrange to work through materials available in the Writing Center. Service is provided on a walk-in or appointment basis. The telephone number is (217) 581-5929.

Testing Services

Testing Services, located on the second floor of the Student Services Building, provides information and registration materials for national tests such as the ACT Assessment (ACT), College Level Examination Program (CLEP), Graduate Management Admission Test (GMAT), Graduate Record Examination (GRE), Miller Analogies Test (MAT). Testing Services also handles the registration and administration of University tests such as the Writing Competency Examination (WCE) and the Tests of Achievement and Proficiency (TAP). Students register for the WCE and the TAP at the test registration table in the Union. The telephone number is (217) 581-5986.

Assistance for Students with Disabilities

In accordance with Section 504 of the 1973 Rehabilitation Act and the ADA of 1990, no enrolled student at Eastern Illinois University shall be discriminated against on the basis of disability. The University wishes to make every effort to facilitate participation in collegiate life by those persons broadly defined as disabled. Students who believe they may need assistance should notify the Office of Disability Services for answers to questions concerning accommodations, auxiliary learning aids, and physical accessibility. Diagnostic information regarding the disability must be submitted so that the most appropriate accommodations can be arranged.

The Office of Disability Services is located in Buzzard House at 1711 Seventh Street. Advance notification is requested to ensure timely arrangements of support/accommodations. The telephone number is (217) 581-6583.

Counseling Center

The Counseling Center is located at 1711 Seventh Street, between the Health Services Building and the University Police Department. The Center is staffed by professional counselors who are trained to assist students with problems that may interfere with academic performance. The counseling Center offers many services to students including personal and relationship counseling, career counseling, stress management, and relaxation workshops. Counseling is confidential and is arranged by appointment. Students with problems which require long-term and/or in-depth therapy may be referred to more appropriate agencies. The telephone number is (217) 581-3413.

International Programs

The International Programs Office is located in Room 211, Old Main. The International Student Advisor assists with immigration matters and other services. International admissions is also located in this office. Services include not only general counseling for international students, but assistance to E.I.U. students interested in study abroad. The study abroad officer also assists with applications for Fulbright, Rhodes, and other international study programs and provides information about internships and work opportunities abroad. The telephone number is (217) 581-2321.

The English Language Center, located in Room 219, Old Main, offers an intensive English program and English for special purposes. While not officially enrolled at Eastern, students in the English Language Center have access to all University academic and recreational facilities. For information concerning admission, write to the English Language Center, 211 Old Main, or call (217) 581-3390.

Library

Booth Library, the general library of the University, is named in honor of Miss Mary Josephine Booth, who served as Librarian at Eastern from 1907 to 1948. A comprehensive program of Library Services is offered to students, faculty and citizens of our service area. *Information Booth* and its *Faculty Supplement* are provided to help library users become familiar with

the full range of available services. The library staff is available for personal assistance for all library users.

The library collection consists of more than 820,000 cataloged volumes, approximately 1.5 million microtexts, as well as governmental documents, maps, music scores, and pamphlets selected to support the University's educational mission. Leisure-time reading interests are served through materials in the general book collection, as well as the latest best sellers and popular paperbacks.

Booth Library's public catalog is available through ILLINET Online, the statewide network of 45 academic libraries and over 800 public libraries. Additional systems--Illinois Bibliographic Information Service (IBIS), CARL Uncover and FirstSearch--provide online access to a variety of periodical databases. Various CD-Rom databases are also available. Interlibrary loan services supplement Booth Library's resources by making available to the university community materials that are owned by other libraries. The general book collection and the periodicals collection are arranged according to the Library of Congress classification scheme.

The Reference Collection consists of approximately 54,000 volumes. The primary purpose of Reference is to provide professional help to students and faculty in their use of the library and its resources. A variety of instructional methods are available including general orientation tours and term paper clinics.

Special facilities such as the new book alcove, conference rooms, faculty study rooms, faculty copy services, and coin-operated copiers are provided. The Government Documents collection includes U.S. and Illinois State publications. Booth Library houses a curriculum collection, grades K through 12, a Juvenile Collection, and various microform collections, with appropriate readers and printers.

Library Technology Services provides students with production facilities, equipment and non-print materials. The Self-Study Materials Center (SMC) makes available information stored on non-print media, such as sound recordings and video tapes. Study carrels equipped for independent viewing and listening are provided in the center. The SMC has a large number of computers for patron use, as well as a variety of software packages. Media Services, which is primarily for faculty and classroom technology support, is located on the lower level of Booth Library near the University Archives and Special Collections.

Library materials must be returned when due to avoid fines. All library fines and charges must be paid promptly to the University Business Office. Failure to do so will result in loss of borrowing privileges throughout the statewide library system and a complete hold on academic records may result.

The Library staff invites you to use the facilities for work, study, research and recreational reading. Librarians are available to assist you in locating materials and to illustrate principles and techniques of library use.

Library Hours

Fall/Spring Semesters	
Monday through Thursday	8 a.m. to 11:45 p.m.
Friday	8 a.m. to 4:45 p.m.
Saturday	9 a.m. to 4:45 p.m.
Sunday	1:30 p.m. to 11:45 p.m.
Summer Term	
Monday through Thursday	8 a.m. to 9:45 p.m.
Friday	8 a.m. to 4:45 p.m.
Saturday	9 a.m. to 4:45 p.m.
Sunday	2 p.m. to 9:45 p.m.

During school vacation periods, library service is available Monday through Friday from 8 a.m. to 4:45 p.m. The annual calendar is published and is available.

Library Hours Hotline
Persons calling 581-6423 can obtain a list of library hours by recorded message, which is updated each Friday. The online catalog dial-up number is 581-3453.

Speech-Language-Hearing Clinic

The Speech-Language-Hearing Clinic is housed on the second floor of the Clinical Services Building. Under faculty supervision, junior, senior and graduate students enrolled in the Department of Communication Disorders and Sciences obtain required clinical practice by working with speech-language-hearing impaired adults and children. A full range of diagnostic and treatment services is available. Diagnostic services include assessment of speech, language, hearing processes and hearing aid evaluations. Treatment services for speech, language, hearing disorders including aural rehabilitation, classes for reduction of foreign accent, and development of manual communication skills are provided. The services are available to university students and to children and adults in East Central Illinois. Except for university students, there is a fee for services.

Term Paper Clinics

Term Paper Clinics are held in Booth Library each semester. Clinics are designed to help students develop a plan of basic research. Students are assisted with refining their topics for research and with selecting and locating appropriate sources of information in the library. Clinics are held on an individual basis, by appointment only. Students may contact the Head of Reference Services, Booth Library.

Tutoring

Many of the departments on campus offer tutoring. For further information, students may contact departmental offices or see an advisor in the Academic Assistance Center.

GENERAL SERVICES

Office of Civil Rights, Affirmative Action, and Diversity

The Office of Civil Rights, Affirmative Action, and Diversity (108 Old Main) protects the civil rights of all students, faculty, and staff. Discrimination against any individual on the basis of race, color, gender, religion, age, national origin, ancestry, marital status, disability, veteran status, and sexual orientation, as well as sexual harassment, are prohibited by civil rights laws. The Office will assist any individual who feels that these rights have been violated.

The Office provides education to the campus on issues relating to cultural diversity and to sexual harassment, and regularly holds class presentations, training workshops, and discussions on these issues for faculty, staff, residence assistants and students.

Textbook Rental Services

Basic textbooks for courses are rented to students through the Textbook Rental Service.

Students not returning textbooks by announced deadlines at semester or term ends are subject to fines of $2 per book plus 25 cents a day per book with a maximum of $10 per book. Lost textbooks must be paid for at full replacement cost. Students may also be required to pay for textbooks in which they have written or highlighted, which have been subjected to unusual wear, or which have been water damaged.

During announced sales periods, students may purchase textbooks for courses in which they are currently enrolled, subject to the availability of replacements.

Career Services

Career Services, located in the Student Services Building, assists students and alumni in the areas of career planning as well as job placement. In addition, the office maintains a Career Library which contains numerous career planning and job search resources.

Career Services maintains a close liaison with hiring representatives from education, business, industry, and government. The Office seeks to help students and graduates secure positions for which they are qualified. Registration is recommended prior to graduation for all undergraduate and graduate degree candidates. The placement year begins September 1st and concludes August 31st. Registered candidates can participate in on-campus interviews. Minimal service fees are charged to undergraduate and graduate students who register for placement.

Undergraduate Student Placement Services are available to those students who have attained senior standing or who are graduate students. Teacher Placement Services are available to undergraduates who have been in attendance at Eastern for a year, and who have been admitted to a teacher education curriculum. Junior level students who are seeking internship positions may register during their junior year. The fee for placement registration is $20.

Alumni Placement Services include placement re-registration, vacancy bulletin subscriptions, and the mailing of placement credentials. Minimal service fees are charged for these alumni placement services.

Other services available to students and alumni include five job fairs at Eastern Illinois University, a Graduate School Information Day, job seeking seminars, on-campus interviews, videotaped mock interview practice, a computerized résumé writing service, computerized employer referral, and three weekly vacancy bulletins.

Medical Services

The University Health Services is located in the Clinical Services Building.

Outpatient medical services are available to students Monday-Friday, 7:30 a.m. to 4 p.m. with full services; 4:30 p.m. to 11:00 p.m. a nurse is available with an M.D. on call. On Saturday a nurse is available from 10:00 a.m. to 5:00 p.m. with an M.D. on call. Faculty and staff may be treated at the University Health Service only for emergencies which happen during working hours.

Services provided to all full and part-time students covered by Student Health Service fees include medical treatment, exams and consultation, standard laboratory and x-ray procedures when ordered by a Health Service Physician, over-the-counter medications, TB testing, birth control counseling, testing for pregnancy, and Health Education Resource Center materials. There is a minimal fee for non-returnable medical supplies, TB re-testing fee, allergy injection and storage fee when a student provides antigen, STD exams, immunizations, x-ray copies, and prescription medications.

For further information concerning the Health Service, please call 581-3013.

Student Insurance

By action of the Board of Trustees of Eastern Illinois University, each full-time resident student and all graduate assistants under contract to the University are assessed a fee for group health and accident insurance administered by the University to supplement services performed by the University Health Service. Students who register for nine, 10, or 11 hours may purchase the insurance coverage during the first 10 class days of each semester (first five class days of summer term) providing they meet the other eligibility requirements. Insured students are eligible to purchase identical coverage for their dependents. Dependents are not eligible to use the University Health Service as a result of this additional purchased insurance coverage.

Insurance is available for all three terms of the calendar year. Insured students attending spring semester who wish summer coverage and do not plan to enroll summer term, or plan to enroll only part-time, must apply for this insurance through the last day of final examinations of the spring semester.

An insurance brochure describing details of the coverage is available in the Office of Financial Aid. Basically, the group policy provides for a maximum of $10,000 for any one accidental bodily injury or sickness and $5,000 combined lifetime maximum for mental illness and substance abuse treatment. Any other insurance coverage is used in determining the amount of benefit payable under this policy.

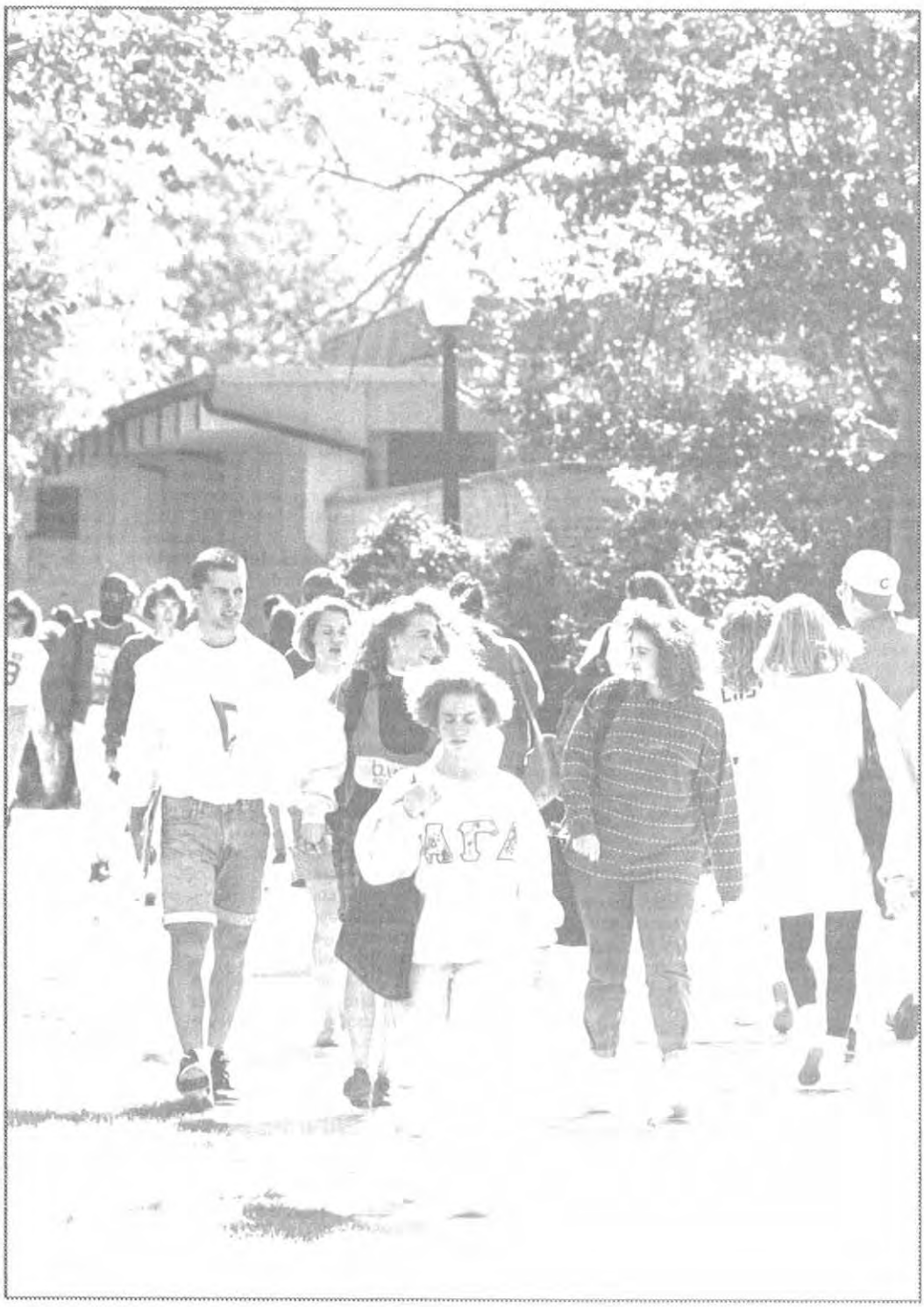
Prior to the 10th class day of the term (fifth class day of summer term), students who can produce evidence of equal or better coverage may make application for a refund of the insurance fee by completing a form available in the office of Financial Aid. Once an insurance refund has been approved, the insurance fee will not be included in any future tuition bills, and the student will not be covered under the Student Health Insurance Plan. This rule applies to all subsequent semesters.

In order to re-enroll in the Student Health Insurance Program, the full-time student must complete an application and make payment before the tenth class day (fifth class day of summer term). The insurance coverage will become effective the day application and payment is received. Application cards are available in the Office of Financial Aid, Student Insurance Section. Please note that students who wish to purchase summer coverage must be insured during the current spring term.

Information concerning insurance may be obtained in the Office of Financial Aid, Student Insurance Section (581-5290).

III

Student Expenses, Housing, and Financial Aid



EXPENSES

Semester Fees

All fees are subject to change by action of the Board of Trustees of Eastern Illinois University.

An ADVANCE DEPOSIT must be paid before the student may register. The required advance deposits are: Summer, $25; Fall, $100; Spring, $100. OR the student may present to the Registration Office proof of a full-pay scholarship in lieu of paying the advance deposit.

The Business Office will mail student billings for University charges. For Fall and Spring semesters, a minimum payment is required to guarantee University housing and to insure class schedule. The minimum payment is shown as the current amount due on the billing statement. For the Summer semester, all charges are due when billed. All charges included on the monthly billing statement will be subject to a monthly finance charge if not paid in full by the due date specified on the billing.

Holds will be placed on student records if billed charges for the current semester are not paid by November 1, April 1, and August 1 for the Fall, Spring and Summer semesters, respectively. A hold on a student's record precludes readmission, registration, or graduation.

Bills sent out by the Business Office include information about dates by which payments must be made to prevent loss of housing assignment and/or class schedule.

Residency Status

1. **Definitions**

For purposes of this regulation, the following definitions pertain:

a. An "adult student" is a student who is 18 or more years of age.

b. A "minor student" is a student who is less than 18 years of age.

c. An "emancipated minor student" is a completely self-supporting student who is less than 18 years of age. Marriage or active military service shall be regarded as effecting the emancipation of minors, whether male or female, for the purposes of this regulation.

d. "Residence" means legal domicile. Voter registration, filing of tax returns, proper license and registration for driving or ownership of a vehicle, and other such transactions may verify intent of residence in a state. Neither length of university attendance nor continued presence in the university community during vacation periods shall be construed to be proof of Illinois residence. Except as otherwise provided in this regulation, no parent or legal or natural guardian will be considered a resident unless the parent or guardian maintains a bona fide and permanent residence in Illinois, except when temporarily absent from Illinois, with no intention of changing his or her legal residence to some other state or country.

2. **Residency Determination**

Each university shall determine the residency status of each student enrolled in the university for the purpose of determining whether the student is assessed in-state or out-of-state tuition. Each applicant for admission to the university shall submit at the time of application evidence for determination of residency. The office responsible for admissions shall make a determination of residency status.

a. If a non-resident is classified by error as a resident, a change in tuition charges shall be applicable beginning with the term following reclassification. If the erroneous resident classification is caused by false information submitted by the student, a change in tuition charges shall be applicable for each term in which tuition charges were based on such false information. In addition, the student who has submitted false information may be subject to appropriate disciplinary action.

b. If a resident is classified by error as a non-resident, a change in tuition charges shall be applicable during the term in which the reclassification occurs, provided that the student has filed a written request for review in accordance with this regulation.

3. **Residency Requirements**

a. **Adult Students**

To be considered a resident, an adult student must have been a bona fide resident of Illinois for a period of at least six consecutive months immediately preceding the beginning of any term for which the individual registers at the university and must continue to maintain a bona fide residence in Illinois. In the case of adult students who reside with their parents (or one of them if only one parent is living or the parents are separated or divorced), the student will be considered a resident if the parents have established and are maintaining a bona fide residence in Illinois.

b. **Minor Students**

The residence of a minor student shall be considered to be the same as and change with the following:

1. That of the minor's parents if they are living together, or the living parent if one is deceased; or,
2. If the parents are separated or divorced, that of the parent to whom the custody of the minor has been awarded by court decree or order, or, in the absence of a court decree or order, that of the father unless the person has continuously resided with the mother for a period of at least six consecutive months immediately preceding the minor's registration at the university, in which latter case the minor's residence shall be considered to be that of the mother; or
3. If the minor has been legally adopted, that of the adoptive parents, and, in the event the adoptive parents become divorced or separated, that of the adoptive parent whose residence would govern under the foregoing rules if the parent had been a natural parent; or,
4. That of the legally appointed guardian of the person; or,
5. That of a "natural" guardian such as a grandparent, adult brother or adult sister, adult uncle or aunt, or other adult with whom the minor has resided and by whom the minor has been supported for a period of at least six consecutive months immediately preceding the minor's registration at the University for any term if the minor's parents are deceased or have abandoned the minor and if no legal guardian of the minor has been appointed and qualified.

c. **Emancipated Minors**

If emancipated minors actually reside in Illinois, such minors shall be considered residents even though their parents or guardians may not reside in Illinois. Emancipated minors who are completely self-supporting shall be considered residents if they have maintained a dwelling place within Illinois for a period of at least 12 consecutive months immediately preceding the beginning of any term for which they register at the university. Emancipated minors who reside with their parents and whose parents (or one of them if one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide Illinois residence shall be regarded as residents.

d. **Minor Children of Parents Transferred Outside the United States**

The minor children of persons who have resided in Illinois for at least 12 consecutive months immediately prior to a transfer by their employers to some location outside of the United States shall be considered residents. This rule shall apply, however, only when the minor children of such parents enroll in the University within five years of the time their parents are transferred by their employer to a location outside the United States.

e. **Married Students**

A non-resident student, whether minor or adult, who is married to a person who meets and complies with all of the applicable requirements of these regulations to establish residence status, shall be classified as a resident.

f. **Armed Forces**

Non-residents of Illinois who are on active duty with one of the services of the Armed Forces of the States who are stationed in Illinois and who submit evidence of such service and station, as well as the spouses and dependent children of such persons, shall be considered residents as long as such persons remain stationed in Illinois and the spouses and/or dependent children of such persons also reside in Illinois. If such persons are transferred to a post outside the continental United States but such persons remain registered at the University, residency status shall

continue until such time as these persons are stationed within a state other than Illinois within the continental United States.

g. **Staff members of the University, Allied Agencies, and Faculty of State-Supported Institutions in Illinois**

Staff members of the University and of allied agencies, and faculties of state-supported institutions of higher education in Illinois, holding appointment of at least one-quarter time, and their spouses and dependent children, shall be treated as residents.

h. **Teachers in Public and Private Illinois Schools**

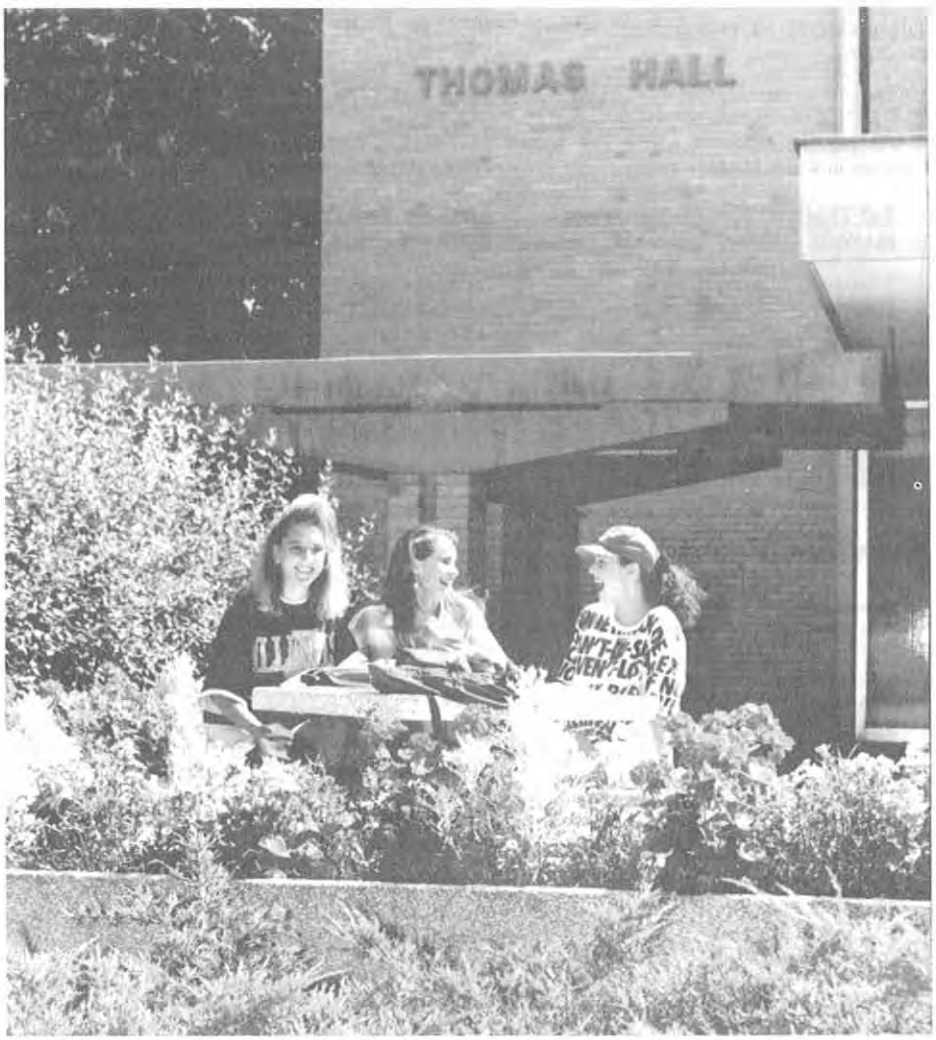
Teachers in the public and private elementary and secondary schools of Illinois shall, if subject to payment of tuition, be assessed at the resident rate during any term in which they hold an appointment of at least one-quarter time, including the summer session immediately following the term in which the appointment was effective.

4. **Residency Status Appeal Procedure**

Students who take exception to their residency status classification shall pay the tuition assessed but may file a claim in writing to the University office responsible for reconsideration of residency status. The written claim must be filed within 30 calendar days from the date of the tuition bill or the student loses all rights to a change of residency status for the term in question. If the student is dissatisfied with the ruling in response to the written claim made within said period, the student may file a written appeal within ten (10) calendar days of receipt of the decision to the responsible University office. Such written appeals shall be forwarded to the appropriate University Vice President, who shall consider all evidence submitted in connection with the case and render a decision which shall be final.

5. **Special Situations**

Upon recommendation of the President, the Board may, in special situations, grant residency status to categories of persons otherwise classified as non-residents under this regulation.



TUITION AND FEES 1997-98

Semester Tuition and Fees*

(Beginning Fall, 1997)

Full-Time: 12-18 Semester Hours
Part-Time: Less than 12 Semester Hours
Overload: More than 18 Semester Hours

Undergraduate

A student who has not earned the baccalaureate degree will pay the following tuition and fees:

Illinois Resident Charge	Full-time	Part-time Per Sem. Hour
Tuition[1]	$1062.00	$ 88.50
Textbook Rental	72.00	6.00
Programs and Services*	$ 380.05	$ 26.30
Total	$1514.05	$120.80

Overload Fee: Additional tuition charged for each semester hour of overload - $88.50 per semester hour.

Non-Resident Charge	Full-time	Part-time Per Sem. Hour
Tuition[1]	$3186.00	$265.50
Textbook Rental	72.00	6.00
Programs and Services*	$ 380.05	$ 26.30
Total	$3638.05	$297.80

Overload Fee: Additional tuition charged for each semester hour of overload - $265.50 per semester hour.

Graduate

A post-baccalaureate student will pay the following tuition and fees (regardless of the level of the courses in which he/she enrolls):

Illinois Resident Charge	Full-Time	Part-time Per Sem. Hour
Tuition[1]	$1119.00	$ 93.25
Textbook Rental	72.00	6.00
Programs and Services*	$ 380.05	$ 26.30
Total	$1571.05	$125.55

Non-Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition[1]	$3357.00	$279.75
Textbook Rental	72.00	6.00
Programs and Services*	$ 380.05	$ 26.30
Total	$3809.05	$312.05

Programs and Services Fees*

Fee	Semester Full-Time	Part-Time
Activity Fee	$ 21.15	$ 1.50
Athletic Fee	$ 42.55	$ 3.55
Computer Technology Fee	$ 25.00	$ 2.10
Grant-in-Aid Fee	$ 39.10	$ 3.30
Health & Accident Insurance[2]	$ 56.00	---
Health Service Fee	$ 32.30	$ 2.70
Pharmacy Fee	$ 6.50	---
Recreation Center	$ 60.00	$ 5.00
Union/Bond Revenue Fee	$ 97.45	$ 8.15
Total [3]	$380.05	$26.30
Textbook Rental Fee	$ 72.00	$ 6.00

Note: Part-time students are not eligible for Health and Accident Insurance nor Student Legal Service. Pharmacy Services may be purchased separately by part-time students for $6.50.

*Subject to change with Board approval
[1]Approved by Board of Trustees, September 23, 1996
[2] $33.50 for the Summer Term only.
[3] A Campus Improvement Fee of $50 per semester ($4.20 per semester hour for part-time students) beginning Spring 1998 was approved by the Board of Trustees on January 27, 1997. Summer Programs and Services Fee total for full-time students will be $407.55.

Activity Fee

The purpose of student activity fees is to enrich the extracurricular life of Eastern students. Activity programs under the supervision of student-faculty boards receive their support from activity fees charged all students. University Board activities are also funded by the activity fees. The allocation of funds from activity fees is made by the Apportionment Board after consideration of budgets presented by the several major activities supported in whole or in part by the fund.

Room and Board Rates

(Subject to change with Board approval)

Summer 1997 Costs

Residence Halls	Double	Single
Intersession	$ 275.00	$ 345.00
Five-Week Term	$ 355.00	$ 474.00
Eight-Week Term	$ 608.00	$ 708.00

(A 14-meal plan [Monday breakfast through Friday lunch] is the only plan offered during the summer.)

Academic Year 1996-97
Room and Board Rate w/:

	Per Semester	Year
11-meal Option	$1654.00	$3308.00
14-meal Option	$1681.00	$3362.00
18-meal Option	$1717.00	$3434.00

University Apartments *(as of August 15, 1996)*

One-and-one-half-room Apartment	$286 per month
Two-room Apartment	$306 per month

University Court *(1996-97)*:
Buildings

Ringenberg, Gabbard, Giffin, Saunders, Cooper, Elliott, Hampton (without balconies)	$1508**
Ringenberg, Gabbard, Giffin, Elliott and Hampton (with balconies)	$1678
Saunders, Cooper *(with balconies)*	$1548
Yorkshire/Lancaster/Bloomfield (without balconies)	$1774
(with balconies)	$1828

**Four-person occupancy is normal, with three- and two-person rates pro-rated accordingly.

Meal Ticket: No hall services or benefits other than food.

Fall '96/Spring '97

11-meal Option	$840 per semester
14-meal Option	$867 per semester
18-meal Option	$903 per semester

Student Housing

Living Accommodations

The housing program at Eastern Illinois University is based on the philosophy that there is a relationship between the student's living environment and the achievement of his/her educational goals as well as the development of personal and social maturity. This environment is intended to lead to the student's self-direction and the assumption of personal responsibility.

University Housing Policies

Until available residence hall space is exhausted, all Eastern Illinois University students are required to live in University residence halls except as follows:

1. Students with 30 or more semester hours of credit. Students who acquire 30 semester hours of credit during the school year will be permitted to select their place of residence after fulfilling the terms of their residence hall contract, OR
2. Students who have lived in University halls for two (2) semesters (two summer sessions count as one semester), OR
3. Married students, OR
4. Students who are 21 years of age or older, prior to the beginning of the semester for which enrollment is sought, OR
5. Students who live at home with their parents within a fifty (50) mile radius of Charleston, Illinois, OR
6. Students, who by reason of medical necessity require special housing.

To receive an exemption, you must provide one or more of the following:
1. Record of prior residency
2. Certified copy of marriage license
3. Eastern Illinois University records
4. Notarized statement from parents
5. Statement from EIU Health Service signed by an EIU physician

Residence Halls

University Residence Halls and Dining Services are designed to provide for the student's education outside of the classroom. The basic philosophy is the development of the total student. Professionally educated counselors are available in each of the residence halls to aid in the residents' adjustment both to group living and to the University. Most residence halls are rooms designed for double occupancy although a few single, triple, and four-person rooms are available, as are the four- and six-person suites in Stevenson Tower. The following lists the maximum capacity of each hall:

Andrews	460	McKinney	150
Carman South	384	Pemberton	201
Carman North	430	Stevenson	360
Douglas	194	Taylor North	295
Ford	150	Taylor South	297
Lawson	460	Thomas	438
Lincoln	194	Weller	150

An application for residence hall room and board should be requested from the Housing Office. **(Application for admission to the University does not constitute an application for housing.)** All space in the residence halls is assigned according to the date the Cashier's Office receives the $50 deposit and completed application cards. Twenty-five dollars of the deposit is an application fee and is non-refundable even if the student is not accepted to the University. Residence hall accommodations are granted on a priority basis, determined by the date of housing application and deposit and the student's year in school. More specific information regarding University Residence Halls will be mailed upon request by the Housing Office.

Residence Hall Fees

Housing Deposit

A $50 housing deposit must accompany an application for residence hall accommodations. The deposit will be held by the University as a damage fee and a guarantee of contract fulfillment. Twenty-five dollars of the deposit is an application fee and is non-refundable even if a student is not admitted to the University. Twenty-five dollars of the deposit will be refunded upon written request and in accordance with the terms of the residence hall contract.

Room and Board Charges

1996-97 charges for room and board in the University residence halls are: $1,654 per semester for the 11-meal plan, $1,681 per semester for the 14-meal plan, and $1,717 per semester for the 18-meal plan, if paid in full. Failure to make the advance payment according to the terms of the residence hall contract will result in cancellation of the residence hall contract and forfeiture of the Housing Deposit.
(Note: Rates for 1997-98 will be higher.)

The University reserves the right to increase residence hall rates, if necessary, during an academic year, with the understanding that at least 45 days notice will be given.

Room and Board

A residence hall contract is issued for the academic year or balance thereof excluding vacations and semester breaks. Therefore, once the student has agreed to the contract, he/she is expected to honor the contract for the balance of the academic year. The only exceptions are if a student: 1) withdraws from Eastern and does not return for the next semester; 2) teaches outside the Charleston/Mattoon school districts; 3) graduates; or 4) is academically dismissed from the University. All housing payments are refunded if a student is not admitted to the University. Students who cancel their contract and/or move from the residence hall and do not officially withdraw from the University will be held responsible for the cost of the entire year's residence hall contract.

Students expelled from the residence halls for disciplinary reasons under the provisions of the Student Conduct Code will be responsible for the late cancellation fee, full room charges for the year, and for board charges through the week in which the student leaves the hall.

If the student cancels this contract and/or withdraws from the University (and is not a student at EIU) after June 15 for the fall semester or December 1 for the Spring semester, late cancellation penalties will be assessed. Please refer to the current residence hall contract for specific dates and amounts.

If the student cancels the contract after the June 15 deadline but does not withdraw from the University, he or she shall be held liable for the entire room and board charges for the fall and spring semesters.

Greek Court

Greek Court is Eastern's on-campus fraternity and sorority housing complex, which is owned and operated by the Office of University Housing. There are 19 Greek organizations residing in this area, representing all three national governing councils-- the Interfraternity Council, Panhellenic Council, and National Panhellenic Council. The cost to live in Greek Court is currently the same as the residence halls. The individual student contract as well as the staffing is also similar to the residence halls.

University Court

University Court, a University-owned apartment complex composed of 145 apartments in 11 separate buildings, offers apartment living for upper division students at the University. Rental rates for University Court apartments do not include the cost of electricity or water. Local telephone service, cable television basic service, and trash removal are included. To apply for an apartment in University Court, contact the apartment office, located in University Court, at 581-8000 or stop by between 9 a.m. and 5 p.m. Monday through Friday.

Family/Graduate Student Housing

The 154 University Apartments consist of 100 one-bedroom and 54 efficiency apartments. Utilities including telephone and cable television are furnished by the University and included in the rental rate. The apartments are designed to provide inexpensive living facilities for families and single graduate students.

1996-97 rates are as follows: $286 per month for a one-and-one-half-room furnished apartment; $306 per month for a two-room apartment. Additional information may be requested from the Office of University Housing and Dining Services.

All assignments are made on the basis of date of application for housing according to the eligibility requirements listed below. A $125 deposit, which includes a $25 non-refundable application fee, must accompany the application form.

The eligibility requirements are:

1. Applications from student families and single graduate students are considered first. Applications from single parents will be considered only if the child or children will be living full-time in the University Apartments.
2. To be eligible to live in the University Apartments, an applicant must be enrolled in at least five semester hours. If a resident drops below the five semester hours, the assignment will be cancelled.
3. Applicants must prove their eligibility for a University Apartment assignment by providing the Housing Office with a certified courthouse copy of their marriage license. A minister's copy or a xerox copy without the appropriate seal will not be acceptable. In the case of single parents, a certified copy of the child's (or children's) birth certificate will be required. The above-mentioned information is required prior to assignment.
4. When all eligible applicants who are student families and single graduate students have been assigned, consideration will be given to single undergraduates who have either completed 90 semester hours or are at least 24 years of age.

Bond Statement

Notwithstanding any other facilities which now or at any time hereafter may be available for students and faculty of said university (with the exception only of the covenants and agreements made by the Board of Trustees of Eastern Illinois University for the security of the outstanding bonds heretofore issued for said university), the University will require, and adopt parietal rules and regulations designed to assure the maximum use of said project, and existing university facilities, until all of the bonds have been fully paid as to both principal and interest.

Miscellaneous Fees and Charges

Charges for Materials. Fees are paid for materials used in certain courses.
Chemistry Breakage Ticket. A deposit of $5 is required for a breakage ticket in all laboratory courses in chemistry. Refund is made of the amount not used for actual breakage after the locker is checked out.
Constitution Examination. There is no fee for the first test; a $2 fee is charged for each retake.
Family and Consumer Sciences Breakage. A fee of $2 or $5 is charged for material usage to students in clothing and food classes.
Field Trip Fee. Fees are charged in some courses to offset the cost of field trips. These courses and the amounts charged are noted in the semester class schedule.
First Aid/CPR Courses Materials Fee. $9.
Graduation Fee. Candidates for graduation obtain applications for graduation at the Records Office and pay the non-refundable graduation fee at the Business Office. The fee of $15 for degree candidates does not include the cost of cap and gown rental. The last day for applying for graduation is listed in the University calendar and/or Class Schedule.
Health Studies Competency Examination. There is a $2 fee for this examination (which can be taken only once).
Late Registration Fee. A fee of $25 ($10 for Continuing Education students) is charged to a student who enrolls beginning with late registration. This fee is non-refundable.
Lock Purchases. Padlocks for lockers used in physical education must be purchased at the Martin Luther King Jr. University Union Bookstore.
Penalty for Returned Checks. A $15 fine will be charged on all checks returned to the University for non-payment for any reason.
Physical Education Clothing and Towel Rental Policy. The Physical Education Department provides a rental service to students for clothing items and towels which may be used for physical education classes, intramural sports, or recreation. The service charge also provides unlimited exchange for clean laundered items. The following items are available:

1. Physical education uniform (shorts, T-shirt, socks, supporter)
2. Tights and Leotards
3. Towel

1 semester	Deposit
1. $6.00	$7.00
2. $6.00	$6.00
3. $2.00	$2.00

2 semesters	Deposit
1. $12.00	$7.00
2. $12.00	$6.00
3. $ 4.00	$2.00

3 semesters	Deposit
1. $18.00	$7.00
2. $18.00	$6.00
3. $ 6.00	$2.00

Clothing is available to both men and women. Payment of the fee and deposit may be made at the check cashing window in the University Union. Identification cards will be validated each term to identify those who are taking part in the program. Clothing must be turned in at the end of card duration (one semester, two semesters, or three semesters) to receive deposit. Deposits will be refunded anytime during the term (through the last day of final exams) upon return of the clothing and clearance of card by equipment room attendant.
Career Services Fee. There is a $15 fee for current undergraduates and Alumni to register their placement credentials with Career Services.
Proficiency Examination. $10 per semester hour.
Student Identification Card. Student I.D. cards are issued to new students their first term of enrollment. The charge to new students is $2 for a colored student photo I.D. An official schedule form must be presented when an I.D. card is validated or revalidated. Full-time and part-time students' I.D. cards are validated at no charge for all subsequent semesters of attendance upon presentation of the official schedule form for each semester of enrollment. The cost for a replacement card (i.e. name change, Social Security number change, lost, stolen, and/or mutilated) is $10. Proper picture identification is required for reissuing an I.D.
Transcript Fee. A fee of $4 will be charged for each transcript issued. Transcripts will be issued only for students whose records are clear. The fee for "Rush" transcripts, processed within 24 hours, is $10.
Textbook Rental Service Fines. Students not returning textbooks by announced deadlines at semester or term ends are subject to fines of $2 per book plus 25 cents per day per book with a maximum of $10 per book. Lost textbooks must be paid for at full replacement cost. Students may also be required to pay replacement costs for textbooks in which they have written or highlighted, which have been subjected to unusual wear, or which have been water damaged.
Writing Competency Examination. $18 each examination.

Official Receipts

Official receipts for fees must be preserved by the student during the term involved.

Refunds

Exceptions to the tuition and fees refund policy must be submitted in writing to the Dean, Enrollment Management, for consideration. Appeals of denials of such requests may be made to the Vice President for Student Affairs, but no later than 60 calendar days following the close of the session for which the refund would have been applicable. The term "refund," as used in this regulation, may mean the cancellation of an unpaid obligation as well as an actual refund of amounts previously paid.

Withdrawal (Fall and Spring Semesters)

First-Time Students
Students who are in their first term of attendance and who withdraw from the University during the first 10 weeks of a regular term by completing the procedure described in Section V will receive a pro-rated refund minus an administrative fee (or bill if tuition/fees have yet to be paid).
Regular – Not First Term at EIU
If a student withdraws from the University during a term by completing the procedure described in Section V and if the initiation and completion of the withdrawal are made through the Registration Office in accordance with dates set forth in the University Calendar, all fees (except insurance) will be refunded. If a student withdraws as described above, the student will be responsible for paying only the insurance fee (if student is full-time).
Fifty Percent Refund
If a student who is not in the first term of attendance officially withdraws from all classes in accordance with established University procedures by the date set forth in the University Calendar, the student will receive a refund of one-half of all fees paid (except insurance). If a student withdraws as stated above, the student will be responsible for paying half of all fees and tuition plus the insurance fee.
Twenty-Five Percent Refund
If a student who is not in the first term of attendance officially withdraws from all classes in accordance with established University procedures between the end of the 50 percent refund period and the end of the eighth week of the term, the student will receive a refund of 25 percent of all fees paid (except insurance). If a student withdraws as stated above, the student will be responsible for paying 75 percent of all fees and tuition plus the entire insurance fee.

Withdrawal (Summer/Other Special Terms)

First-Time Students

Students who are in their first term of attendance and who withdraw from the University during the first five weeks of the eight-week or the five-week summer session by completing the procedure described in Section V will receive a pro-rated refund minus an administrative fee (or bill if tuition/fees have yet to be paid).

Regular - Not first time at EIU

During Summer and any other special term, the last day to withdraw officially from the University and receive a refund of all fees (except insurance) is the same as the last day to withdraw from a course without receiving a grade. (See calendar at front of catalog.) During Summer and any other special term, the last day to withdraw officially from the University and be responsible for paying only the insurance fee is the same as the last day to withdraw from a course without receiving a grade. (See calendar.)

Fifty Percent Refund (Summer – 8-/5-Week Terms Only)

If a student who is not in the first term of attendance officially withdraws from all classes in accordance with established University procedures by the date set forth in the University Calendar, the student will receive a refund of one-half of all fees paid (except insurance). If a student officially withdraws in accordance with established University procedures by the date set forth in the University calendar, the student is responsible for paying half of all fees and tuition plus the insurance fee.

Twenty-Five Percent Refund

If a student who is not in the first term of attendance officially withdraws from all classes in accordance with established University procedures between the end of the 50 percent refund period and the end of the third week of the term, the student will receive a refund of 25 percent of all fees paid (except insurance). If a student withdraws as stated above, the student will be responsible for paying 75 percent of all fees and tuition plus the entire insurance fee.

Early Registration

Cancellation

If a student registers and pays his/her fees prior to the late registration date for the term but decides not to attend the University, all fees will be refunded if notice is given in writing to the Registration Office before the late registration date for the term. If such written notice is not given before the late registration date but is given by the last day to withdraw without a grade, all fees (except insurance) will be refunded.

Reduction in Load

Upon written request, a student who initially pays full tuition and fees and then reduces his/her load to part-time by the last day to withdraw without a grade will be refunded the difference (except insurance, where applicable). A student receiving such a refund will not be eligible for activities and benefits covered by the refunded fees. A student will be billed for the number of credit hours scheduled as of the 10th class day for Fall or Spring; fifth class day for Summer.

FINANCIAL AID

Satisfactory Progress Requirements

No student at Eastern Illinois University may receive financial aid from federal, state, and/or institutional sources in excess of 10 financial aid units as an undergraduate and four financial aid units as a graduate.

The exact Satisfactory Progress Requirements to receive Financial Aid may be obtained upon request from the Office of Financial Aid. In the event of disqualification for aid, the appeals from such disqualification will be heard by a committee composed of: Vice President for Student Affairs, Dean of Enrollment Management, Director or Associate Director of Admissions, one member of the Academic Assistance Center, one faculty member appointed by the Faculty Senate, one student appointed by the Student Senate, Registrar, and Director of Financial Aid (Ex-Officio).

State Scholarships and Grants

Illinois Student Assistance Commission Scholarship and Grant Monetary Awards

Under authority granted by the Illinois General Assembly, the ISAC administers a program of monetary awards for students in the state of Illinois who attend one of the ISAC-approved colleges, universities, or hospital schools of nursing in Illinois. To be eligible for a monetary award the applicant must:

a. Be a citizen or permanent resident of the United States.
b. Be a resident of the state of Illinois.
c. Be eligible to enroll as a half-time (6 to 11.999 hours) or full-time undergraduate student.
d. Not have received, nor met the requirements to receive, a baccalaureate degree.
e. Demonstrate financial need as determined by the Commission from income/asset data supplied in the application.
f. Maintain satisfactory progress in the course of study according to the standards of the institution.
g. Not owe a PELL grant, Supplemental Grant or State Student Incentive Grant previously received for attendance at any institution.
h. Not be in default on any Perkins Loan National Direct or Defense Student Loan made by that institution or on a loan made, insured, or guaranteed under the Stafford loan program for attendance at any institution.

Monetary awards range from $400 per academic year to a maximum of $4.000 (as currently established by the General Assembly) but cannot exceed the amount of tuition and mandatory fees paid by all students enrolled at an institution.

Application can be made by completing a "Free Application for Federal Student Aid" form, being certain to release the information to the state agency. This form may be obtained from high school counselors, financial aid offices in colleges, universities, and schools of nursing, and from many social agencies. A college choice must be indicated at the time of application, but this choice may be changed after the application is processed.

David A. Debolt Teacher Shortage Scholarship

Candidates for this scholarship must: be at least a sophomore, have obtained a GPA of 2.5 or higher, have applied for federal student aid, and be seeking initial teacher certification in a shortage area. They must also have made satisfactory academic progress, be a citizen of the United States and a legal resident of Illinois, and be enrolled at least half-time. This scholarship is not awarded to those receiving a Minority Teachers of Illinois Scholarship or Illinois Special Education Scholarship in the same year. Applications may be obtained from the Office of Financial Aid or contact ISAC, 1755 Lake Cook Road, Deerfield, Illinois 60015-5209.

Illinois Special Education Teacher Scholarship

Candidates for this scholarship must plan to major in Special Education or Communication Disorders and Sciences, and must be citizens of the United States and Illinois residents. They must also be seeking initial certification in the field of Special Education, be making satisfactory academic progress at the University, and must sign a teaching agreement if awarded a scholarship. Applications may be picked up in the Office of Financial Aid or contact ISAC, 1755 Lake County Road, Deerfield, Illinois 60015-5209.

Minority Teachers of Illinois Scholarship

Candidates for this scholarship must be legal residents of Illinois and U.S. citizens, as well as at least sophomores with GPAs of 2.5 or higher. They must also be members of a minority, enrolled full-time in an approved teacher education program, making satisfactory academic progress at the University and have not received a baccalaureate degree. Applications may be picked up in the Office of Financial Aid or by contacting ISAC, 1755 Lake County Road, Deerfield, Illinois 60015-5209.

General Assembly Scholarship

Each member of the General Assembly must award annually two four-year scholarships, one for attendance at the University of Illinois and the other for attendance at any other state-supported university designated by the member. The scholarship may be awarded to one or more persons as one-, two-, or four-year scholarships. A General Assembly Scholarship pays full tuition plus the student activity and athletic fees assessed by the institution. (The student must pay any remaining fees assessed by the University.) Application may be made any time directly to the legislator who makes the appointment through the Illinois Office of Education.

Grants for Children of Illinois Policemen and Firemen Killed in Line of Duty

The parent had to have been a volunteer or employed by an Illinois police department or fire department and the death due to occurrences in the line of duty. The student may be an undergraduate or graduate and must have been in legal custody of the deceased policeman/fireman at the time of his/her death. The grant pays tuition and mandatory fees. For further information contact the Illinois Student Assistance Commission, 1755 Lake Cook Road, Deerfield, Illinois 60015.

Grants for Dependents of Correctional Workers Who Were Killed or 90% Permanently Disabled (Service-Connected) after January 1, 1960. The employee must have been assigned to a security position with responsibility for inmates. For undergraduate or graduate study, pays tuition and mandatory fees. For further information contact the Illinois Student Assistance Commission, 1755 Lake Cook Road, Deerfield, Illinois 60015.

Illinois National Guard/Naval Militia Scholarship
Eligible for this award are current enlisted members, warrant officers, and commissioned officers through the grade of captain who have served at least one year in the Illinois National Guard. Applicants may be full- or part-time graduates or undergraduates. The scholarship's value is full tuition and partial activity fees. Applications are available at any National Guard Armory and in the Office of Financial Aid. Applications are mailed to the Illinois Student Assistance Commission, 1755 Lake Cook Road, Deerfield, Illinois 60015.

Military Scholarship. See Section on **Veterans' Benefits.**

Illinois State ROTC Scholarships

Under authority granted by the Illinois General Assembly, the Eastern Illinois University Army Reserve Officers' Training Corps Program administers two types of scholarships. These scholarships do not entail any military service obligation.

a. Illinois State ROTC Scholarship is a one- to four-year scholarship that pays full tuition, athletic and activity fees. It is awarded by the Chairman, Department of Military Science, on a competitive basis to students enrolled in Military Science classes. Approximately 10 new scholarships are awarded each semester. Once awarded, the scholarships are retained as long as the student is in good standing in the ROTC Program. Application for the scholarship should be made to the Chairman, Department of Military Science, Eastern Illinois University. Applicants are not required to be enrolled in a Military Science course at the time of application.

b. Illinois State ROTC Transfer Student Scholarship is awarded by State Community Colleges to students transferring to Eastern Illinois University or other state four-year colleges and entering the ROTC Program. The scholarship pays 100 percent tuition, athletic and activity fees. Each Community College has up to three scholarships per year. The Chairman, Department of Military Science, certifies enrollment in the Army ROTC Program and the scholarship is awarded by the Community College on a competitive basis. Applications should be made to the Chairman, Department of Military Science, Eastern Illinois University. Applicants are not required to be enrolled in a Military Science course at the time of application.

Eligibility requirements for award of these scholarships are:
a. Resident of the state of Illinois.
b. Full-time student (Undergraduate or Graduate).
c. Enrolled in the Army ROTC Program.
d. Physically, mentally, and morally qualified.
e. At least 17 years of age and not more than 28 years of age when graduated/commissioned (waiveable).
f. Cumulative grade point average at Eastern Illinois University of 2.0 or higher.

Federal ROTC Scholarship

This program is designed to offer financial assistance to outstanding young students in the Army ROTC program who are interested in the army as a career. The program provides tuition, books, laboratory and mandatory fees, and a subsistence allowance of $150 per month for the period that the scholarship is in effect. Scholarships may be awarded for two, three, or four years. Four-year scholarships are open to all high school students or to students in a five-year baccalaureate program during their freshman year. Application is normally made for the scholarship during the first semester of the senior year in high school. Two- and three-year scholarships are available to freshmen and sophomores in their second semesters, respectively. Applicants do not have to be in ROTC and can compete without obligation.

State Rehabilitation Program

The University cooperates with the Illinois Department of Rehabilitation Services. The purpose of this program is to provide rehabilitative services to those individuals who have a physical disability or psychological disorder which interferes with their vocational objective. Information concerning this program can be obtained at the Counseling Center, the local office of the Department of Rehabilitation Services, 129 N. 15th Street, Mattoon, Illinois 61938, or the student's home area Office of Department of Rehabilitation Services.

University Awards

Lulu Craig Collier Scholarship. Established by Lulu Craig Collier to assist students from Coles County, Illinois, who have graduated in the top 25 percent of their graduating class from any one of the county's public high schools, this scholarship is presented annually to prospective Eastern freshmen. Apply to High School Guidance Counselor.

Joseph T. Connelly Scholarship. This award was established by alumni to honor Dr. Connelly for his more than 30 years of service to EIU. Eligible student must be a Political Science major who is either a second semester sophomore or a junior, have a GPA of 3.0 overall including a 3.0 in three or more Political Science courses, and have a record of community or University service. Apply to chair, Political Science department.

Danforth Foreign Language Fund. This award was established by Frances R. Danforth for the use and benefit of students majoring in Foreign Languages.

Disadvantaged Student Scholarship. Approximately 10 of these scholarships are awarded each year to graduate and out-of-state undergraduate U.S. citizens and are based on financial need. The scholarship pays only the recipient's tuition and does not include service fees. Application should be made to the Director of Financial Aid.

Ardath Louise Fogelsanger History Scholarship. Established by Edna W. Honaker in memory of her daughter, Ardath Louise Honaker Fogelsanger, a graduate of Eastern who died in 1965, the award is presented to a junior history major when the accumulation of funds warrants.

Grant-in-aid. Eastern offers in excess of 200 grant-in-aid awards annually to students who show promise or demonstrate a talent in selected fields. Among these are art, athletics, debate, student publications, music, drama, and student leadership. The Grant-in-aid program is financed through a student grant-in-aid fee. Application should be made to the appropriate department.

International Student Scholarship. Intended to promote cultural exchange and diversity, the awards are based primarily on academic achievement and potential. The number of awards available to students from other countries is limited. The scholarship pays only out-of-state tuition and does not include room and board which must be paid by the student. Application should be made to the International Student Advisor.

Socio-Economically Disadvantaged Student Scholarship. This scholarship is administered by the Director of Financial Aid from funds derived from the Socio-Economically Disadvantaged Student Fee paid by each student as part of his/her enrollment costs. Each EIU financial aid application submitted to the Office of Financial Aid is checked for eligibility for this scholarship.

Talented Student Awards. These awards were established to encourage the development of unique student talents. Tuition (registration fee) is waived for students receiving the awards. The awards go to students with talent in art, athletics, debate, music, drama, student publications, and student leadership, plus special academic achievement awards. Nominations are made by department chairpersons.

Foundation Awards

(Please note that this is a complete listing of all scholarships approved by the Foundation Board of Directors. Some awards are funded by estate commitments and are not fully funded at this time. Please check with the department or unit for application information.)

Gayle Hutton Adkins Award. Established in memory of Gayle Hutton Adkins, an alumna of Eastern, this award is made annually to a junior or senior demonstrating outstanding personal character and high scholarship in the pre-medical program. Preference will be given to a married candidate.

The Jessie Voigt Allhands Mathematics Scholarship. Established in 1996 by Jessie Voigt Allhands, this scholarship goes to a full-time undergraduate student majoring or intending to major in a degree program in the Department of Mathematics. Recipients must have an overall GPA of 3.0 from their high school. Financial need is a consideration. Preference will be given to students from West Salem, Illinois, or communities close to West Salem. Apply to the Chair, Mathematics Department.

Dewey H. Amos Geology and Earth Science Award. Established in 1990 to provide an annual award for outstanding juniors in the Geology or Earth Science Program, this award is based equally on GPA and participation/leadership in the Geology and Earth Sciences programs.

Rudolph D. Anfinson Scholarship. Established by Mrs. Ralph Widener, Sr. and Dr. Ralph Widener, Jr. in honor of Dr. Rudolph D. Anfinson, former Dean of Students at Eastern, this award is presented annually to a junior, senior or graduate student who is active in extracurricular activities (excluding intercollegiate athletics) and who displays outstanding character and scholastic achievement. Apply to Institutional Advancement.

Athletic Training Scholarship. This award was established to provide an annual scholarship for students pursuing studies leading to careers in athletic training or related fields. Selection is based upon peer and staff evaluation, academic qualifications and clinical experience. Apply to Director, Athletic Training Program.

Attainment Fund Scholarship. Established in 1965 to provide financial assistance to outstanding students, the award presently goes each year to one or more students who have attained at least sophomore standing and who need at least one more year of study to receive a bachelor's degree. Selection of the recipient, including the determination of financial need, is made by the Financial Grants Committee. Nominations are made by various departments on campus. Apply to the Director of Financial Aid.

Altamont Lions Club/Ernie C. Ballard Scholarship. Established in 1993 by Ernie C. Ballard, this award was established for a graduate from Altamont High School who has been accepted to Eastern Illinois University. The recipient must have an overall GPA of 3.0 and display a need for financial aid. The recipient must demonstrate successful leadership and positive moral character regarding civic and extracurricular student activities. Apply to the College of Sciences.

Elisha H. and Estella Ziegler Baumgartner Scholarship. Established in 1991, this award was provided by the estate of Elisha H. Baumgartner. This award rotates annually between the departments of Economics, History, Political Science, and Sociology. Awards are made to sophomores within the department who demonstrate financial need. Apply to the department.

I. Roberta Bell Minority Scholars Scholarship. Established in 1991 by Grace Markwell Meier, this award goes to minority students who have enhanced the dignity of minority culture through demonstrated academic achievement and excellence. Apply to Minority Affairs.

Alexander Briggs Memorial Award. Established by Margaret Briggs in memory of her father, Alexander Briggs, the contractor who completed the L.C. Lord Administration Building, this award is made annually to a business major who has completed at least one year of college work with not less than a B average, and demonstrates outstanding personal character and interest in the field of business and business education. Apply to the Lumpkin College of Business and Applied Sciences.

Margaret Briggs Mathematics Scholarship. Established by Dorothy Jane Briggs in memory of Margaret Briggs, this award is made annually to a graduating senior from an Illinois high school who is majoring in mathematics and demonstrates high scholastic standing. Financial need is a consideration. Apply to the Mathematics Department.

Ewen "Lefty" Bryden Alumni Scholarship. Established in 1992 by the Leisure Studies Alumni, this award goes to a declared major in Recreation Administration who carries a minimum grade point average of 3.00 and demonstrates leadership potential. Apply to the Department of Leisure Studies.

Dorothy Davis Bunge Scholarship. Established in 1990 by Gordon C. Bunge, this scholarship is awarded to full-time students from DuPage County who participate in the Honors Programs with a 3.5 GPA. Students may reapply each year, but the scholarship shall not automatically be renewed. Apply to the Honors Programs.

Burgner Memorial Scholarship. This award was established by Helen Burgner Douglas Hart to provide a scholarship for a graduate of Mattoon or Charleston High School who is majoring in Botany, Zoology or Environmental Science. Apply to Chairperson, Department of Botany.

Ruth Carman Scholarship. Established in memory of Ruth Carman, former professor of foreign languages at Eastern from 1914 to 1953, this award is presented annually to an outstanding student in foreign languages. Apply to Foreign Language Department.

Dr. Harold M. and Alice D. Cavins Scholarship. Established by Mary June Blackford, friends and family in honor of Dr. and Mrs. Harold M. and Alice Cavins, this award is presented to an Eastern junior, senior, or graduate student majoring in a health-related field and who is preparing for a career in a health-related field. The recipient must have a 3.0 grade point average, display an integrity of character, and demonstrate a willingness to be of service to the community. Apply to the Dean, College of Sciences, or to the Dean, College of Education and Professional Studies.

Charleston Business and Professional Women's Club Scholarship. Established in 1994 by the Charleston Business and Professional Women's Club, the scholarship is presented to a recipient from the Charleston area who is attending Eastern Illinois University. Financial need is a consideration. Apply to any Charleston Business and Professional Women's Club member.

Martha Elizabeth and Vernice Elzie Clark Memorial Scholarship. Established in 1991, this award was created to present annual awards to sophomore, junior, or senior students majoring in Elementary Education. Recipients must be residents of Crawford County. Apply to the department.

The Clay/Richland Scholarship Fund. Established in 1988 by an anonymous donor, this award is presented annually to an undergraduate student from Clay/Richland counties entering EIU for the first time and admitted as a Pre-Business or Business major. The award is based on academic performance with the stipend paid upon verification of enrollment in the Fall. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Walter and Lola Stephenson Cole Scholarship. Established in memory of Walter and Lola Stephenson Cole by an anonymous donor, this award is presented annually to a graduate of Marshall High School who demonstrates financial need, moral and civic character, and academic achievement. Apply to the Alumni and Community Services Office.

Charles H. and Dorothee Coleman Scholarship. Established in memory of Dr. Charles H. Coleman, former professor and Head of the Department of History, and a distinguished Lincoln scholar, this award goes annually to an undergraduate or graduate history major. Apply to the History Department.

Coles/Douglas Scholarship. Established in 1991 by an anonymous donor, this scholarship goes to students majoring in Elementary Education who are residents of Coles or Douglas County. Recipients must demonstrate financial need and be in good academic standing. Apply to the department.

College of Business Dean's Award. Established by Dr. James Giffin, founding Dean of the College of Business, and Mrs. Giffin to recognize and reward outstanding achievement by persons completing a course of study in a business curriculum, this award is presented annually to a graduating senior who, by reason of scholarship, experience, character, and service to the University, gives promise of a life of distinguished service and leadership.

Donna Lynn Connelly Memorial Scholarship. Established in 1989 by the parents of Donna Lynn Connelly, this award goes to a deserving female sophomore, junior, or senior majoring in Family and Consumer Sciences. Apply to the School of Family and Consumer Sciences.

Joseph T. Connelly Scholarship. Established in 1993 by friends and colleagues of Joseph T. Connelly, this award was established for a junior or second-semester sophomore majoring in Political Science at Eastern. The recipient must have a cumulative grade point average of 3.0 and a grade point average of 3.0 in three or more political science courses. The recipient must have a record of community or University service, and must write a 300-500 word essay illustrating a "social conscience approach" to a governmental problem. Apply to the Department of Political Science.

Ruth C. Boyd Cook Memorial Award Fund. Established in 1992, this award is provided by the estate of Ruth C. Boyd Cook. It is given to the best student(s) who have completed at least one year in the field of painting. Apply to the College of Arts and Humanities.

Cooley-Marathon Scholarship. This award was established by Mr. and Mrs. Rex Cooley to provide a scholarship to an incoming full-time freshman student enrolled as a Pre-Business major. This award continues as long as the student remains in good standing in business. Apply to Dean, Lumpkin College of Business and Applied Sciences.

Calvin Countryman Memorial Award. Established by Dorothy Lee Countryman in memory of her husband, Calvin Countryman, a faculty member in the Art Department, the annual award is presented to an Art Education major of senior standing who has completed or is enrolled in student teaching. Apply to the Art Department.

The Mathiel and William Crane Scholarship. Established in 1994 by the family and friends of Mathiel and William Crane, this scholarship goes to a full-time student from Charleston High School accepted to Eastern Illinois University. The recipient must have an overall GPA of 3.0. Financial need is a requirement. Apply to the Foundation Executive Officer.

Neil Cutright Memorial Award. Established by George L. and Dorothy Cutright in memory of their son, Neil Cutright, an alumnus of Eastern, the award is presented to a needy incoming freshman, with preference being given to graduates of Cumberland High School in Toledo, Illinois. Financial need is a consideration. Apply to the Principal, Cumberland High School.

Kenneth E. and Donelda Damann Aquatic Ecology Award. Established by Mrs. Donelda Damann in memory of Dr. Kenneth E. Damann, an authority in the field of Aquatic Ecology and former Chairman of Eastern's Botany Department, awards are made annually to one male and one female student majoring in Botany, Chemistry, Environmental Biology, Zoology or other fields relating to aquatic ecology. Apply to the Chair, Environmental Biology Studies Committee.

Ellen Cutright Decker Scholarship. Established in 1991 by A.B. and Eleanor Cutright, this scholarship benefits junior Elementary Education majors who are residents of the Cumberland High School or Casey High School districts. If no Elementary Education major is qualified, an education major from the area may be considered.

Gretchen Sue Denton Scholarship. Established in memory of Gretchen Sue Denton, a student at Eastern at the time of her death in 1971, an annual award is presented to a Recreation major of junior standing who gives definite promise of making a substantial contribution to the field of recreation. Apply to the Department of Leisure Studies.

Department of Political Science Graduate Scholarship Assistantship. Established in 1992 by the EIU Department of Political Science, this award is presented to a deserving Political Science graduate student. Apply to the Chair, Political Science Department.

Earl S. Dickerson Award. Established in 1991 by Earl S. Dickerson, this award goes to a senior who carries a minimum grade point average of 3.60 after completing at least 30 hours of course work at Eastern Illinois University. The recipient must demonstrate qualities needed to be a professional accountant. Apply to the Lumpkin College of Business and Applied Sciences.

President Doudna Memorial Scholarship. Established in 1988 in memory of Quincy V. Doudna, who served as President of Eastern Illinois University from 1956 until 1971, this award is presented to a freshman graduating from an Illinois high school with a 3.0 or higher GPA. Apply to the Eastern Illinois University Honors Programs.

Eunice W. Dougherty Scholarships. Established by a bequest of Eunice W. Dougherty, the awards go annually to outstanding junior students enrolled in programs administered through the Lumpkin College of Business and Applied Sciences and the College of Sciences. Apply to Dean, Lumpkin College of Business and Applied Sciences, or Dean, College of Sciences.

The Betty Wright Downing Scholarship. Established by Mr. and Mrs. Harry T. Wright in memory of Betty Wright Downing, this award is presented annually to a graduate student at Eastern Illinois University who is preparing for a career in medicine or a health-related field. Apply to the Dean, Graduate School.

Thomas R. Drury Scholarship. Established in memory of Thomas R. Drury, an alumnus of Eastern, this award is presented annually to a student admitted to Eastern's Graduate School who plans to pursue a career in instructional media. Apply to the Chair, Secondary Education and Foundations.

G.B. Dudley Award. Established by Tilford Dudley in memory of his father, Dr. G.B. Dudley, this award goes to outstanding students in the fundamental sciences: Botany, Chemistry, Physics, and Zoology. The recipients are chosen by the chairpersons of these four departments. Apply to the Dean, College of Sciences.

Ray C. and Evelyn A. Duncan Teaching Scholarship. Established in 1988 through the estate of Ray C. Duncan, this award is used to make annual grants to Crawford County high school graduates who are planning a teaching career. Applicants are nominated by the principals of each Crawford County high school before March 1 annually. Each applicant must declare in writing the intention to become a teacher, and must present at least three letters of recommendation which evaluate his or her potential as a teacher. Apply to the College of Education and Professional Studies.

Leo J. Dvorak Memorial Award. Established in memory of Dr. Leo J. Dvorak, former Director of the School of Music, this award is presented to a junior majoring in Music who shows promise of becoming an outstanding teacher in public school music. Apply to the Department of Music.

Economics Alumni Scholarship. Established in 1992 by the Department of Economics, this award is intended for a junior or senior accepted within the Department of Economics. The recipient must have a 3.0 or higher overall GPA and must demonstrate leadership within the Economics Department and serve as a role model for other students. Apply to the Department of Economics.

Edgar County EIU Alumni Scholarship (Athletic) Fund. Established in 1993 by the Eastern Illinois University Alumni of Edgar County, this award is designated for a recipient from Edgar County maintaining a B average or above and demonstrating dependability and potentiality. The recipient must be a citizen of the United States and must demonstrate University athletic intent. Apply to the Director of Athletics.

The Edgar County/Livingston C. Lord Memorial Scholarship. Established by the Mary B. and Shelby A. Price Foundation, Inc. in memory of Livingston C. Lord, President of Eastern Illinois University from 1899 until 1933, this award is presented annually to deserving graduating seniors from Edgar County high schools. Apply to the Eastern Illinois University Foundation or high school principal.

Roy E. Ehrsam Scholarship. Established by a bequest of Florence Hart, this scholarship is intended to assist deserving students majoring in Technology. Apply to the School of Technology.

Charles A. Elliott Technology Education Award. Established by the late Dr. Charles A. Elliott, a member of the Eastern faculty from 1945 to 1973, this award is presented annually to a junior, senior, or graduate student in Technology Education who shows promise of making a worthwhile contribution as a teacher of industrial arts. Apply to the School of Technology.

Lois E. Elliott Industrial Technology Scholarship Fund. Established in 1992 by Lois E. Elliott, this award goes to a junior, senior, or graduate student majoring in Industrial Arts Education or its equivalent field of study. Apply to the School of Technology.

Embarras Valley Quail Unlimited Scholarship. Established in 1992 by representatives of Embarras Valley Quail Unlimited, this award was established for juniors majoring in Environmental Biology with a minimum grade point average of 3.5. Preference goes to a resident of Illinois. Apply to the College of Sciences.

English Alumni Scholarship. Established by English alumni, this scholarship award is presented to a full-time Eastern sophomore or junior majoring in English and who has an overall grade point average of 3.2 The recipient must show strong character potential for leadership and financial need. Apply to the English Department Scholarship Committee.

Richard G. Enochs Scholarship. Established in memory of Richard G. Enochs, former Assistant Director of Housing at Eastern, this award goes annually to an outstanding student residing in the residence halls or University apartments. Apply to the Director of Student Housing.

Excellence in Fine Arts Award. Established in 1986, in part to assist with scholarship support for incoming freshmen in the areas of art, music, and theatre arts, this award may pay full or partial tuition and/or fees for up to four years if recipients continue to be eligible. Apply to the Dean, College of Arts and Humanities.

The Raymond L. and Carolyn Miller Fischer Scholarship. Established in 1988 by two Eastern Illinois University 1987 Distinguished Alumnus Award recipients, this award is presented in alternate years to the most promising sophomore student specializing in history and criticism in the Speech Communication Department or English literature in the English Department. Apply to the department.

Fourth Estate Award. Established in 1990 to recognize a student who demonstrates a commitment to a responsible free press in a democracy, this award is given to a full-time Eastern Journalism major who has completed 90 semester hours at the time of application. For application, write to the Journalism Scholarship Committee. Deadline is March 1.

Ann Frommel Memorial Scholarship. A scholarship for outstanding students in Botany, Zoology, and Chemistry, this award was established by Mr. and Mrs. Albert E. Frommel in memory of their daughter. This award is made to an outstanding student who has completed at least his/her freshman year of college work and has maintained at least a B average in all academic subjects.

The Fund for Excellence in Family and Consumer Sciences. This award was established in 1996 by the friends and family of Barbara L. Hill upon her retirement from Eastern Illinois University as Provost and Vice President for Academic Affairs, after having served as Dean of the School of Home Economics. The purpose of the Fund is to promote excellence in the Family and Consumer Sciences program at Eastern Illinois University. Activities which may be funded include, but are not limited to, scholarships, faculty development, special conferences, guest speakers, consultants, technology renewal, capital development, instructional improvement, and recognition/recruitment events. Apply to the Chair, Family and Consumer Sciences.

Ruth Gaertner Scholarship. Established by the family of Ruth Gaertner, former Residence Hall Food Service Director, this annual award is presented to an outstanding student completing his or her junior year and majoring in Family and Consumer Sciences with dietetics option. Apply to the School of Family and Consumer Sciences.

Elsie and Erson Giffin Scholarship. Established in memory of Elsie and Erson Giffin, this scholarship goes annually to outstanding students enrolled in a Family and Consumer Sciences program. Apply to the School of Family and Consumer Sciences.

Jim and June Giffin Scholarship. Established in 1988 through the generosity of Jim and June Giffin, this award goes to two full-time students enrolled in a Bachelor of Science in Business degree program who will be juniors at the time of the first payment, have a GPA of 3.0 or better, and who show financial need. Recipients shall be eligible to receive the award during the four semesters of the junior and senior years if they continue to meet selection criteria. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Timothy Gover and Clifford Fagan Scholarship. Established in 1989 by Rudolph G. and Kathryn Hlavek, this award is given to business students who come from low-income families or are otherwise underprivileged. Recipients may reapply if selection criteria is met. Apply to the Lumpkin College of Business and Applied Sciences.

William H. Groves Memorial Award. Established in 1987 in memory of William H. Groves, longtime swimming coach at Eastern Illinois University, this award is presented to a sophomore or junior member of the Intercollegiate Swimming Team who intends to compete as a member of the Intercollegiate Swimming Team of the University during his/her senior year. Preference will be given to Physical Education majors or minors. Apply to the Department of Physical Education.

Thomas A. Grud Memorial Award. Established by the family and friends of Thomas A. Grud, who was killed in Vietnam on Christmas Day, 1967, the award goes annually to a male student who has earned a portion of his college expenses and who is in need of additional financial assistance. Preference goes to individuals involved in a men's social fraternity. Apply to the Office of Student Activities.

Lavern M. Hamand Memorial Scholarship. Established by Martha Hamand in honor of her husband, Lavern M. Hamand, this scholarship is presented to a graduate student enrolled in the History Department's traditional or Historical Administration program. The recipient must have an outstanding grade point average. Preference will be given to the candidate who demonstrates outstanding scholarly achievement with an emphasis on historical writing. Apply to Chair, History Department.

Jim and Bess Townsend Hanks Scholarship. Established in 1990 to assist undergraduate business majors in the Department of Accountancy and Finance, this award will be given to students considering a career in insurance. Recipient may reapply if selection criteria is met. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Dorothy E. and DuWayne Hansen Music Alumni Scholarship. Established in 1987 by Dr. DuWayne and Mrs. Dorothy E. Hansen in honor of all music department alumni, this award is paid each fall to one or more music majors who have demonstrated outstanding performance and musical ability through a Department of Music audition. Apply to the department.

Ruby M. Harris Scholarship. Established in memory of Dr. Ruby M. Harris, former professor of geography, this award is presented annually to a senior of outstanding character and scholastic achievement in the field of Geology, Geography or Earth Science. Apply to the department.

Betty J. Hawkins English Scholarship. Established in 1995 by the family of Betty J. Hawkins in her memory, this scholarship is presented to a full-time sophomore or junior English major with demonstrated strong writing skills and an overall grade point average of at least 3.2. Recipient must show strong character, potential for leadership, and financial need. Apply to the English Department Scholarship Committee.

Dr. and Mrs. Jerry Heath Sports Medicine Scholarship. Established in 1988 by Dr. and Mrs. Heath to benefit students of sports medicine, this award is made annually to a sophomore or junior varsity athlete. The recipient shall have shown interest in and an aptitude for the field of sports medicine. The awardee's field of study is preferably to be in pre-medicine.

Hobart F. Heller Scholarship. Established in honor of Dr. Hobart F. Heller, Vice President for Instruction and a member of the Eastern faculty for 36 years, this award goes annually to a student who, by reason of scholarship, responsible character, sense of purpose, growth, and service to the University community during his/her first three years, gives promise of a life of distinguished service and leadership. Selection of the recipient is made by a committee chaired by the Vice President for Student Affairs.

Thomas A. and Gail M. Higgins. Established in 1991 by Dr. James and Mrs. Gail Higgins, this award goes to a junior who is a graduate of Charleston High School and is now majoring in Elementary Education or Junior High School Education. The recipient must demonstrate an above-average academic record. Apply to the Chair, Elementary and Junior High School Education.

Historical Administration Program Association Scholarship. Established in 1992 by members of the EIU Historical Administration Program Association, this scholarship is awarded to an individual with a bachelor's degree from an accredited institution who has been admitted into the Historical Administration Program at Eastern Illinois University. Apply to the Coordinator of the Historical Administration Program.

Bertha G. Hoedebecke Scholarship. Established in 1991 in memory of George A. Gewe, this scholarship benefits junior Elementary Education majors from Montgomery County. Apply to the Chair, Elementary and Junior High School Education.

The Bert and Janet Holley Scholarship. Established in 1991 by the Holleys, this scholarship benefits transfer students from Illinois community colleges who have completed Associate of Arts or Associate of Science degrees prior to entering EIU as Pre-Business majors. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

C. A. Hollister Pre-Law Scholarship. Established in memory of the late Charles Hollister, this award is presented annually to a senior pre-legal studies student who has demonstrated excellence in his or her undergraduate career, is an active member of Sigma Iota Lambda pre-legal fraternity, and who has been accepted by an American Bar Association accredited law school. Apply to the Chair, Pre-Legal Studies Committee.

The Jon J. Hopkins Memorial Speech Education Scholarship. Established in 1987 in recognition of the lifetime commitment to education and years of dedicated service to Eastern Illinois University by the late Jon J. Hopkins, professor of speech, this award is given annually to either an undergraduate or graduate student with outstanding scholarship in the fields of Rhetoric, Public Address or Speech Education. Apply to the Chair, Speech Communication.

The Stephan M. Horak Memorial Scholarship. Established in 1987 in memory of Dr. Stephan M. Horak, a former professor of Eastern European history, this award is granted to upper division history students whose concentration includes credits in European History and Russian or East European History. Apply to the department.

Eileen F. Hubbard Scholarship. Established in 1987 by Robert L. Hubbard and Mary Louise Hubbard, this award is presented to upper division undergraduate Family and Consumer Sciences majors (with preference given to students enrolled in Family and Consumer Sciences Education) who have demonstrated service, professional involvement, scholarship, and leadership. Apply to the School of Family and Consumer Sciences.

Glen E. Hubele Scholarship. Established in memory of Dr. Glen E. Hubele, distinguished professor of education at Eastern, this award goes annually to a graduate student enrolled in a counseling or guidance program. Apply to the Department of Educational Psychology and Guidance.

Hunt Environmental Biology Award. Established by Dr. Lawrence B. and Shirley F. Hunt, this award is presented annually to a full-time junior or senior of outstanding character who is majoring in environmental biology and who has a genuine commitment to the field of environmental biology. Apply to the Chair, Environmental Biology Studies Committee.

The Nelle C. Hutchason Scholarship. Established by Mr. and Mrs. Harry T. Wright in honor of Nelle C. Hutchason, an Eastern alumnus and a respected elementary teacher, this scholarship is presented annually to an undergraduate student enrolled in the field of elementary education who demonstrates the high spiritual values exemplified by Miss Hutchason and who is able to demonstrate financial need. Apply to the department.

Ronald and Myra Jeffris Scholarship. Established in 1990 by Ronald and Myra Jeffris, this award goes to a student successfully enrolled in the School of Business and demonstrating academic excellence. Financial need is a consideration. Apply to the Lumpkin College of Business and Applied Sciences.

Bette L. Johnson Scholarship. Established in memory of Bette Lou Johnson, an Eastern alumnus, this scholarship is presented each year to a graduate of Charleston High School who has been accepted for admission to Eastern Illinois University. Preference will be given to English or social studies majors. Apply to the Media Specialist, Charleston High School.

David L. and Audrey Jorns Directing Theory for the Theatre Scholarship. Established in 1994 by David L. and Audrey Jorns, this scholarship is awarded to an Eastern Illinois University junior or senior theatre major in good standing with an overall grade point average of at least 3.0. The recipient should demonstrate interest in the theory and practice of directing for the theatre and in the innovative use of theatrical space. Apply to the Chair, Theatre Arts.

Kappa Mu Epsilon Calculus Award. This is an annual award given to a Mathematics major with high achievement on a competitive math examination. Apply to the Department of Mathematics.

The Karraker Scholarship. Established in 1995 by Dr. and Mrs. Robert H. Karraker, this scholarship goes to a full-time freshman majoring in Chemistry. The recipient must have demonstrated exceptional promise for distinction in the field of Chemistry. Apply to the Chair, Chemistry Department.

Stephen Wayne Kennard Memorial Scholarship. Established in 1992 by Marlys K. Fallen, this award is intended for a student teaching in the area of Special Education. The recipient must demonstrate financial need and must have achieved a B average. Apply to the Department of Special Education.

Jesusa Valdez Kinderman Scholarship. Established in 1992 by Dr. Albert Kinderman, this award is intended for an undergraduate student majoring in Physics who has the potential to successfully complete the degree program. Preference shall be given to a minority or a female student, but not to the exclusion of the other criteria listed. Apply to the Department of Physics.

Bobbie King Memorial Scholarship. Established in 1966 by Mr. and Mrs. Karl King of Charleston, Illinois, in memory of their daughter, this award is presented annually to a junior or senior demonstrating outstanding achievement in the study of Foreign Languages. Apply to the department.

Martin Luther King, Jr., Scholarship. Established by the Eastern Illinois Chapter of the American Association of University Professors in memory of Dr. Martin Luther King, Jr., this award goes annually to one or more Eastern students who are "living examples of the ideals and values expressed by Martin Luther King, Jr." Apply to the Vice President for Academic Affairs Office.

Lucille M. Klehm Technology Education Award. Established in honor of Lucille M. Klehm, wife of Dr. Walter A. Klehm, this award is presented annually to a declared major in Technology Education who is enrolled in a program qualifying the candidate to teach in Illinois public schools upon graduation from EIU and who intends to pursue a career in Technology Education. Apply to the School of Technology .

Walter A. Klehm Industrial Technology Award. Established in honor of Dr. Walter A. Klehm, a member of the Eastern faculty from 1938 until his retirement in 1970 and first Dean of the School of Industrial Arts and Technology, this award is presented annually to an Industrial Technology major who is enrolled in a program qualifying the candidate to teach in Illinois public schools upon graduation from Eastern and who intends to pursue a career in Industrial Technology. Apply to the department.

Judd William Kline Memorial Scholarship. Established in 1993 by James Kline, this award is intended for the graduating senior from Charleston High School who has the highest grade point average of considered applicants. Apply to the Principal of Charleston High School.

Eugene B. Krehbiel Scholarship. Established in memory of Dr. Eugene B. Krehbiel, professor of Zoology at Eastern, this scholarship is presented annually to juniors enrolled in either the Pre-Medical Studies Program or a Zoology program who intend to pursue graduate level studies. Apply to the Chair, Department of Zoology.

Lambda Chi Alpha Fraternity Founders Scholarship. This scholarship was established in 1987 by the alumni and active chapter of Lambda Chi Alpha to reward exceptional educational pursuit of an Eastern student who is an active member of Phi Alpha Zeta or Lambda Chi Alpha Fraternity and has at least one year of academic schooling at EIU prior to completion of a degree. Apply to Vice President for Student Affairs.

Charles P. and Mary E. Lantz Scholarship. Established in memory of Dr. Charles P. Lantz, Director of Athletics at Eastern from 1911 to 1952, and Mary E. Lantz, this award is made annually to one or more persons who will be seniors the following year, who have demonstrated outstanding athletic achievement, who have shown evidence of leadership qualities, and who have demonstrated above-average scholastic ability. Apply to Dean, Enrollment Managment.

Lottie Leach Leeds Scholarship. Established in 1987 by respected educator Lottie L. Leeds, the award is designated for a junior with outstanding character and conduct who intends, because of love of teaching, to teach in the primary grades up to and including the fourth grade level. Apply to the department of Elementary and Junior High School Education.

Glenn Q. Lefler Physics Scholarship. This award was established to provide annually a scholarship for a junior or senior Physics major of outstanding character who has at least a 3.00 average in physics. Apply to the Chair, Department of Physics.

Livingston C. Lord Memorial Scholarship. Established by the Alumni Association in memory of Livingston C. Lord, who served as President of Eastern Illinois University, 1899-1933, this is the University's highest award for scholarship. These scholarships are awarded annually at commencement to five junior or senior students, at least one from each college within the University and one from the School of Adult and Continuing Education. Three awards are presented to students enrolled in teacher preparation curricula and two to students enrolled in any curriculum within the University. Each Lord Scholar receives a stipend and a medallion. Apply to the Alumni and Community Relations Office.

Margaret and Walter Lowell Voluntary Service Scholarship. Established in 1994 by the Lowell family in honor of Margaret and Walter Lowell, this scholarship is presented to a sophomore, junior or senior with at least one semester of residence at Eastern and who is currently enrolled at Eastern Illinois University. The recipient must have offered substantial volunteer service in the local community(ies). Apply to the Dean, College of Education and Professional Studies, and/or Dean, College of Science.

John Luther Business Scholarship. Established in 1992 by John Luther, this award is intended for a new student (freshman or transfer) accepted into the Lumpkin College of Business and Applied Sciences and maintaining a declared major in business. The recipient must maintain an overall GPA of 3.0 or higher, and must have demonstrated high achievement in previous educational environments. Apply to the Lumpkin College of Business and Applied Sciences.

The Curtis D. MacDougall Newspaper Scholarship. Established in 1987 as a memorial to the late Curtis D. MacDougall, this scholarship is awarded to a full-time Eastern sophomore who has declared intent to complete the journalism education program at the University, to pursue a career in newspaper journalism, and has demonstrated such through significant participation at the student newspaper. For application, write to the Journalism Scholarship Committee. Deadline is March 1.

John N. Maharg Vocal Music Scholarship. Established in honor of Dr. John N. Maharg, Professor Emeritus of Music, this scholarship is presented annually to an incoming freshman or transfer student eligible for admission to the University who has demonstrated vocal or musical ability through audition. Recipient must be a music major or participate in a musical organization. Apply to the Chair, Department of Music.

Mathematics Alumni Scholarship. Established in 1990 for an incoming Mathematics major, this scholarship will be awarded to a U.S. citizen with past and potential outstanding achievement, consideration given to financial need. Apply to the department.

Florence McAfee Scholarship. Established by faculty and alumnae in memory of Dr. Florence McAfee, Head of the Department of Physical Education for Women from 1924 to 1962, this award goes annually to a sophomore or junior female Physical Education major who demonstrates the qualities of scholarship, leadership, and professional excellence as exemplified by Dr. McAfee. Apply to the Department of Physical Education.

Glenn A. McConkey Scholarship. Established in honor of Glenn A. McConkey, professor of economics, this scholarship is presented annually to an outstanding junior or senior majoring in Economics. Apply to the department.

Terry McCullough Memorial Community Press Scholarship. Established in 1988 by Paul E. Black in memory of Terry McCullough, former editor of the *Mattoon Journal Gazette*, this scholarship is awarded to an Eastern journalism student who has completed 60 to 89 semester hours at the time of application, who has earned at least a 2.7 grade point average, and who has demonstrated a commitment to enter a career at a community newspaper. For application, write to the Journalism Scholarship Committee. Deadline is March 1.

Walter H. and Dorothea V. McDonald Award. This award was established by Walter H. McDonald to provide an annual award for one or more outstanding juniors in the Earth Science Program who demonstrate potential success as either a teacher or a graduate student. Apply to the department.

Ralph Y. McGinnis Scholarship. Established in 1992 by the Lions Club, family, friends, colleagues, and students of Ralph Y. McGinnis, this award goes to an undergraduate or graduate student majoring in Speech Communication. Community service work is also a consideration. Apply to the department.

McKenna Secondary Education Scholarship. In honor of Professor F. Raymond McKenna, who taught history of education and philosophy of education from 1953-77, this scholarship is given to a junior or senior majoring in English or history and secondary education who has a CGPA of at least 3.1, has attended only EIU, and is interested in research in teaching or in the major field. Qualifying students will be invited by the Department of Secondary Education and Foundations to apply during the spring semester.

Isabel McKinney Undergraduate Scholarship. Established in memory of Dr. Isabel McKinney, Head of Eastern's Department of English from 1922 to 1945, this award goes annually to declared English majors in their second semester of University enrollment. It is renewable for junior and senior years if grade point average is maintained at 3.2. Apply to the Department of English.

Sean McKinney Memorial Scholarship. Established in 1992 by Pamela Parker-McKinney, this award goes to a student having attended two semesters or less at Eastern, maintaining a minimum GPA of 2.25, and demonstrating leadership ability and active participation in residence hall programs. Apply to Student Housing.

McNabb-Dow Graduate Scholarship. Established in 1987, this award is in honor of Bennie and Nellie McNabb and provides a scholarship to an outstanding student of the Master's Degree Program of the School of Family and Consumer Sciences. Apply to the School of Family and Consumer Sciences.

Hal Middlesworth Student Publications Alumni Scholarship. Established for the purpose of honoring student journalists, this scholarship is awarded to an Eastern Journalism student who has been an active and productive member of the student publications staff for at least four semesters at the time of application. For application, write to the Journalism Scholarship Committee. Deadline is March 1.

Louise C. Miller Music Scholarship. Established through the Department of Music in honor of the late Miss Louise C. Miller, a singing teacher for many years in the Chicago public school system, this award goes annually to a deserving student of Music. Apply to the department.

Carolyn Kluesner Modglin Memorial Scholarship. This scholarship is presented to a graduate student studying Dietetics or, if none are qualified, Food and Nutrition, and who has a 3.5 grade point average. The recipient must be of high moral standing. Financial need is a consideration. Candidates with no other scholarships will get first consideration. Apply to Chair, Family and Consumer Sciences.

Raymond L. Modesitt Mathematics Scholarship. A scholarship established by the wife and daughter of Mr. Modesitt, a member of the Eastern mathematics faculty from 1912 to 1927, this award goes annually to a junior or senior Mathematics major who has the specific intent to teach mathematics. Apply to the department.

The Bruce Allen White Montgomery Memorial Scholarship for Graphics/Journalism. Established in 1991, this scholarship is awarded to

a member of the student newspaper staff who is of "outstanding character (and) whose action and conduct reflect credit upon EIU," who is in good academic standing, who had completed at least 30 to 90 semester hours of study, and who demonstrates talent as a graphic artist. For application, write to the Journalism Scholarship Committee. Deadline is March 1.

John Thompson Moore Scholarship. Established in 1994 by Lucile M. Moore, this scholarship is presented to a full-time Eastern business major (preference given to marketing majors) with at least junior standing and a minimum 2.5 grade point average. Financial need will be given preference over academic standing. Consideration will be given to extra-curricular activities. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Mary K. Moore Early Childhood Education Scholarship. Established in 1990 by Chalmer Moore in memory of his late wife, this award goes to a student majoring in Elementary Education with an Early Childhood Education option. The recipient must demonstrate outstanding personal character and academic standing. Apply to the department.

The Neil and Shirley Moore Men's Track Scholarship. Established in 1996 by Neil and Shirley Moore, this scholarship goes to a male, full-time student with at least sophomore standing who is in good academic standing. The recipient must have completed one academic year or two academic terms at Eastern Illinois University. Apply to the Men's Track Coach.

Ahmad Murad Scholarship. Preference for this award, which was established in 1991 by the family of Dr. Ahmad Murad, goes to a person of Palestinian heritage. If no applicant meets this criteria, the selection shall be made at the discretion of the committee. Apply to the department of Economics.

Louise Murray Award for Children's Literature. Established in memory of Dr. Louise Murray, professor of English at Eastern, by Charles Murray, this scholarship goes annually to a student majoring in English, Junior High School Education, Elementary Education and/or minoring in Creative Writing who submits the best portfolio of original writings for children. Apply to Chairperson, Department of English.

Winnie Davis Neely Memorial Award. Established by Sigma Tau Delta, national professional English fraternity, in memory of Winnie Davis Neely, a member of the English Department, 1934-1952, the award is made annually to the University student who submits the best manuscript in the literary contest sponsored by the student literary publication and Sigma Tau Delta. Apply to the Department of English.

Ona Norton Scholarship. Established in 1987 by the Concerned Citizens of Charleston to encourage, assist, and recognize African-American students at Eastern Illinois University, this award is presented to a full-time African-American Eastern student who is eligible for graduation, has a 3.25 or higher CGPA, and who has rendered significant service to the University and/or Charleston communities. Apply to the Minority Affairs Office.

Estelle Ruth O'Brien Memorial Mathematics Scholarship. Established in 1967 by Dr. Maynard O'Brien and his son in memory of Estelle Ruth O'Brien, this award goes annually to a Mathematics major enrolled at Eastern or to a high school graduate who has expressed in writing an intent to enroll as a Mathematics major at Eastern. Apply to the department.

The Maynard "Pat" O'Brien Scholarship. Established in 1991, this scholarship benefits sophomore, junior, or senior male and female track and field students, with preference given to participants in field events and to those intending to pursue an athletic coaching career. Apply to the Department of Physical Education.

J.W. and Marilyn Oglesby Scholarship. Established in 1990 by J.W. and Marilyn Oglesby, this award goes to a junior admitted to the School of Business who carries a minimum GPA of 3.5. Recipient may continue to receive the award as long as the selection criteria is met. Apply to Lumpkin College of Business and Applied Sciences.

Old Main Memorial Scholarship and Award. The award was established in 1988. The selection committee determines recipients on basis of the areas of need. The amount of the assistance is determined in each individual case. Apply to Institutional Advancement.

Hans C. Olsen Scholarship. Established in 1974 in memory of Dr. Hans C. Olsen, a member of the Eastern faculty from 1938 to 1960, this award is given annually to a full-time graduate student who demonstrates outstanding potential for educational leadership. Apply to the College of Education and Professional Studies.

Parents Club Scholarship. This award was established to provide annual scholarship(s) for full-time undergraduate Eastern students in good academic standing with 12 credit hours earned at Eastern. Application forms available each January 15 in the Office of Student Activities.

Jack L. Payan Scholarship. Established in 1994 by Jack L. Payan, this scholarship is presented to a community college transfer student enrolling at Eastern Illinois University as a Speech Communication major. Preference will be given to students transferring from Moraine Valley Community College in Palos Heights, Illinois, or South Suburban Community College of South Holland, Illinois. Apply to Chair, Speech Communication Department.

J. Robert Pence Memorial Scholarship. Established in 1993 by Mrs. J. Robert Pence, this award benefits a student who has junior or senior standing and is enrolled in the Department of Music. The recipient must have earned all college credit at Eastern Illinois University, and must display outstanding personal character and scholarship. The recipient must also demonstrate promise of success in the teaching profession. Apply to the Department of Music.

Minnie Alice Phillips Scholarship. Established in 1988 by Minnie Alice Phillips, M.D., distinguished Alumnus Award recipient, this award is granted annually to a junior Elementary Education major planning to teach in the primary grades (kindergarten through fourth grades). Apply to the Dean, College of Education and Professional Studies.

Harris E. Phipps Chemistry Scholarship. Established in honor of Dr. Harris E. Phipps, former professor of chemistry at Eastern, this annual award goes to a a junior majoring in Chemistry who gives promise of distinguished service in the field of chemistry. Apply to the department.

Physical Education Club Scholarship. Established in 1992 by members of the Physical Education Club at Eastern Illinois University, this scholarship is given to a student demonstrating outstanding service/involvement with the Physical Education Club and outstanding scholastic achievement and character. Apply to the Department of Physical Education.

George Preisser Memorial Scholarship. Established in 1994 by John Smith, President of CRST International, Inc., in honor of George Preisser, the scholarship is given to a student majoring in Accountancy. Financial need is a consideration. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

President/Phi Alpha Eta Scholarship. Established in 1990 by the Phi Alpha Eta Greek Women's Honorary Society, this award shall go to a member of Phi Alpha Eta Greek Women's Honorary Society who demonstrates financial need, a GPA of 3.5 or better, and involvement in the broader campus community.

President's Award. Established in 1973, this award goes annually to one or more freshman students who rank near the top of their class after one year of college work. Only students who have done all of their college work at Eastern are eligible for consideration.

The John E. And Mary J. Price Scholarship. Established in 1993 by Margaret J. Weber and Gary E. Price, this scholarship goes to a sophomore, junior, or senior majoring in Speech Communication or Family and Consumer Sciences with a GPA of 3.0 or higher. Recipients must be Illinois residents. Financial need is a consideration. This award alternates between Speech Communication and Family and Consumer Sciences each year. Apply to the Chair, Speech Communication or the Chair, Family and Consumer Sciences.

Hugh C. Rawls Award. Established in 1994 by Shirley Rawls in honor of Hugh C. Rawls, her husband, this award is given to a full-time student with at least junior standing who is majoring in a Pre-Medical Studies program or the Zoology program. The recipient must have a minimum 3.0 GPA. Consideration will be given to participation in community or University activities. Apply to the Dean, College of Sciences.

Cyril D. Reed Mathematics Scholarship. Established by Cyril D. Reed, this award is presented annually to a graduate or undergraduate Mathematics major or a high school graduate who has expressed in writing an intent to enroll as a Mathematics major at Eastern. Apply to the department.

John David Reed News-Editorial Journalism Scholarship. Established in 1993 by Mike and Melanie Cowling, this award is intended for a freshman or transfer student majoring in Journalism. The recipient must have demonstrated intent to pursue a career in news-editorial journalism through significant participation in high school, college and/or other news media. The recipient must describe in an essay of about 500 words his/her interest in participating in student or other news media while at Eastern Illinois University in order to enhance his/her preparation for a career in news-editorial journalism. For an application, write to the Journalism Scholarship Committee. Deadline March 1.

Emma Reinhardt/Kappa Delta Pi Award. Established in 1962 by members of Beta Psi Chapter of Kappa Delta Pi in recognition of the contribution of service, guidance, and leadership of the late Dr. Emma Reinhardt, counselor to the chapter for 31 years, this award is made annually to the highest ranking junior who has earned a minimum of 30 semester hours at Eastern Illinois University and who is pursuing the degree Bachelor of Science in Education. Apply to the Department of Elementary Education.

Rachael Richardson Scholarship. Established in 1991 by the estate of Rachael Richardson, this award is presented to a student enrolled in the Honors Programs. Apply to the Honors Programs.

Helen Riley Scholarship. Established in memory of Helen Riley, former Associate Director of Athletics, this award is presented annually to an Eastern female student of integrity with outstanding academic achievement with a record of participation in the intercollegiate or intramural athletic programs. Apply to the Department of Athletics.

Lawrence A. Ringenberg Scholarship. Established in 1987 in honor of Dr. Lawrence Ringenberg, mathematician and Dean Emeritus of the College of Sciences, this award pays tuition or tuition and fees to an incoming freshman enrolled as a Mathematics major. The recipient may receive the award for up to four years upon continuing eligibility. Apply to the Department of Mathematics.

William G. Riordan Scholarship. Established in honor of William G. Riordan, Director of Intramurals from 1964 to 1976, this award is presented to a senior majoring in Recreation Administration who displays outstanding leadership, scholarship and the potential to make a contribution to the field of recreation and leisure. Apply to the Department of Leisure Studies.

Jerry Rooke Accountancy Scholarship. Established in 1990, this award goes to accountancy majors who have earned between 60 and 90 semester hours at EIU and who have been admitted to the Lumpkin College of Business and Applied Sciences. The recipient must be a full-time student in both the award announcement semester and the monetary award semester. Academic achievement is the primary consideration; student must have a cumulative GPA of 3.0 or higher, and a GPA of 3.5 in Accounting 2150 and Accounting 3030 combined. At no time is financial aid to be considered. Apply to the department.

J. Glenn Ross Scholarship. (formerly the Ralph W. Widener, Jr. Scholarship). Established by Mrs. Ralph W. Widener, Sr., the scholarship honors Dr. J. Glenn Ross, who served as chair of the Department of Speech from 1937 through 1961. This award is presented annually to an outstanding undergraduate student majoring in speech communication. Apply to the department.

Donald A. and Marie Rothschild Award. Established in memory of Dr. Donald A. Rothschild, a member of the Eastern faculty from 1934-1967 and Head of the Department of Psychology, this annual award is given to a Psychology major who is a junior and who demonstrates the potential for making a significant contribution to psychology. Apply to the department.

Paul Turner Sargent Scholarship Award. Established by the family and friends of Paul Turner Sargent, nationally known artist and 1906 Eastern graduate, this award is made to an Art major or minor who has completed the second semester of the sophomore year. The recipient must demonstrate outstanding aptitude in art and a sincere interest in art education. Apply to the department.

James A. Saunders Scholarship. Established in 1990, this award was created to recognize students who serve as role models in the journalism profession and related fields. The award is given to a full-time Eastern minority Journalism major in good academic standing with 30 to 89 semester hours who intends to complete the Journalism major at EIU. For an application, write to the Journalism Scholarship Committee. Deadline March 1.

Martin O. Schahrer Scholarship. Established in memory of Martin O. Schahrer, an Eastern student who died for his country in World War I, this award goes in alternate years to an outstanding junior or senior in Chemistry or Botany. Apply to the department.

Ruth and Ansel Schmalhausen Scholarship. Established in 1987 honoring the late Ruth Schmalhausen, who taught Home Economics at Eastern Illinois University for 25 years, and her brother Ansel, this award is presented annually to a member of the congregation of the First Christian Church (Disciples of Christ) of Charleston or Robinson, Illinois.

Teachers College/Eastern State High School Alumni Scholarship. Established in 1995 by Teachers College/Eastern State High School alumni, this scholarship is presented to an individual who has a minimum 4.0 grade point average on a 5.0 scale upon completion of 3 1/2 years of high school. The recipient must demonstrate integrity as evidenced by three letters of recommendation from community leaders. The recipient must demonstrate enthusiastic and outstanding leadership as evidenced by involvement in organizations whose purpose is to foster consideration and service. The recipient must be a relative of a Teachers College/Eastern State High School alum. Apply to the Teachers College/Eastern State High School Reunion Committee, care of the Alumni Office.

School of Technology Alumni Scholarship. Established in 1987, the award is presented to a senior or graduate student of Eastern Illinois University with a major in the School of Technology, who plans to enroll in the graduate program in Technology. Applicants must have a minimum CGPA of 2.75, and intend to enroll in at least 6 semester hours of graduate course work applicable to a degree program in the School of Technology. Apply to the School of Technology.

Eric Schuster Scholarship. Established in 1991 by the *Champaign-Urbana News Gazette*, this award goes to an incoming student or transfer student majoring in journalism who intends to pursue a newspaper journalism career. Preference will be given to minority candidates. The recipient must demonstrate financial need and be in good academic standing. For application, write to Journalism Scholarship Committee. Deadline March 1.

Walter Merritt Scruggs Scholarship. Established in memory of Dr. Walter M. Scruggs, former Head of the Department of Zoology and the first Director of the Division of Life Sciences at Eastern, the award goes annually to an outstanding junior in the Life Sciences who has demonstrated a definite interest in research or teaching. Apply to the Department of Zoology.

The John F. Sellers Memorial Music Scholarship. Established in 1991 by Mrs. John F. Sellers, this scholarship benefits Music majors with financial need, with preference given to those interested in either teaching or engaging in the performance of classical music. Apply to the department.

Carl Sexton Memorial Scholarship. Established in 1986, this award is presented to a full-time Health Studies major who is qualified for student teaching. Recipients receive the award in subsequent years. Apply to the College of Education and Professional Studies.

Charles C. Shaw Scholarship. Established in 1992 by Mrs. Charles Shaw, this award goes to a graduating senior of good character and academic standing from Paxton High School or Mattoon High School. Preference will be given to an athlete who will be attending Eastern Illinois University. Apply to the superintendent of Paxton or Mattoon schools.

Donald L. and Clara Alice Seaman Shawver Scholarship. Established in 1989, this award will be given to Business students who reside within the Central Illinois region and who demonstrate financial need and scholastic ability. This award may be renewed to the recipient on an annual basis for up to four years as long as the selection criteria is met. Apply to the Lumpkin College of Business and Applied Sciences.

Edward O. Sherman Memorial Chemistry Scholarship. Established in 1987 in memory of Edward O. Sherman, chemistry professor from 1977 until his death in 1986, the award is paid annually to a sophomore Chemistry major who gives promise of distinguished service in the field of chemistry. Apply to the Department of Chemistry.

Sigma Alpha Iota Music Scholarship. Established in 1987 by Sigma Alpha Iota, Charleston Alumnae and Patroness Chapter, this award is presented to Eastern student(s) who have demonstrated outstanding performance and musical ability through a Department of Music audition. Apply to the Department of Music.

Mr. and Mrs. William Craig Simmons Scholarship. Established by members of the Simmons family, the award is made annually to a junior business major on the basis of outstanding personal character, scholastic achievement, and interest in the fields of Business and Business Education. Apply to the Lumpkin College of Business and Applied Sciences.

Harry and Beulah Sockler Football Scholarship. Established in 1990, this award goes to a football player from the East Central Illinois area. Apply to the Department of Athletics.

The C. Roger Sorensen Business Scholarship. Preference for this award, which was established in 1991 by C. Roger Sorensen, goes to Mattoon High School students who have been admitted to the Lumpkin College of Business and Applied Sciences. Apply to the College.

The C. Roger Sorensen Golf Scholarship. Established in 1994 by C. Roger Sorensen, this scholarship is to benefit a deserving golf player currently participating in golf at Eastern Illinois University. The recipient must have a minimum GPA of 2.5. Apply to the Director of Athletics.

The C. Roger Sorensen Tennis Scholarship. Established in 1991, this scholarship benefits a deserving tennis player currently participating in tennis at Eastern Illinois University. The recipient must have a minimum GPA of 2.5. Apply to the Director of Athletics.

The Bill Spaniol Memorial Scholarship. Established in 1996 in memory of Bill Spaniol by Nims Associates, Inc. and the family and friends of Bill Spaniol, this scholarship goes to a full-time student majoring in Computer Management, accepted to Eastern Illinois University's Lumpkin College of Business and Applied Sciences. The recipient must be a junior or senior with an overall GPA of 3.5. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Irvin L. Sparks Memorial Scholarship. Established in 1966 in honor of Professor Irvin L. Sparks, who was a member of the Physics Department from 1951-65, the award is granted annually to an incoming freshman or sophomore Physics major on the basis of scholarship, recommendations from his or her high school physics and mathematics teachers, and a written statement from the candidate. Apply to the Department of Physics.

Carol Specht Memorial Scholarship. Established in 1987 in honor of the late Carol Specht to encourage and assist single-parent female students who have at least one child residing with them and who desire to attend college, the award is presented to a student in a field leading to a career in a helping profession such as counseling, teaching, or social work. Apply to the Director of Affirmative Action.

Kate Booker Stapp Scholarship. Available to female students in teaching curricula who are widows (or whose husbands are incapacitated) with at least one child under the age of eighteen, the fund was established in 1948 by Miss Helen Stapp in honor of her mother. Applications are made to the Director of Financial Aid.

Ernest L. Stover Scholarship. Established in honor of Dr. Ernest L. Stover, former Head of the Department of Botany, the award goes annually to a Botany major of junior or senior classification who has demonstrated scholastic achievement and shows promise in teaching or research. Apply to the Chair, Botany Department.

Strategic Capital Management, Inc., Scholarship. Established in 1993 by various donors affiliated with Strategic Capital Management, Inc., this award is presented to an Eastern undergraduate student with at least junior standing and who is an exemplary participating member of the Student Investment Society. Apply to the Board of Directors, Student Investment Society.

Sullivan/Bethany Scholarship Fund in Memory of Rachael Richardson. Established in 1993 by David McLaughlin and friends of the late Rachael Richardson, this award is intended for a graduate of Sullivan or Bethany, Illinois, school systems who is successfully enrolled in the Honors Program. Apply to the Eastern Illinois University Honors Program.

Gerald Sullivan Scholarship. Established by Barbara Sullivan in honor of Gerald Sullivan, her husband, this scholarship benefits a junior who is a Theatre Arts major, an Illinois resident, and a full-time student at Eastern Illinois University. Apply to the Dean, College of Arts and Humanities.

Robert N. and Barbara V. Sullivan Scholarship. Established in 1988 by the sons of Robert N. and Barbara V. Sullivan, the award is granted to an undergraduate student who has been admitted to a program in the Business Education field, and who qualifies for financial aid. The stipend is paid in two equal payments following verification of enrollment during each of the semesters. Recipient may continue to receive the award as long as selection criteria is met. Apply to the Department of Business Education.

Rex Syndergaard Scholarship. Established by the family, friends, associates, and former students of Dr. Rex Syndergaard, professor of history at Eastern from 1956 through 1980, the award is presented annually to an upper-division or graduate History major at Eastern, with preference given to those interested in pursuing the teaching profession. Apply to the Department of History.

Edson H. Taylor Scholarship. Established in honor of Dr. E.H. Taylor, professor of mathematics at Eastern from 1899 to 1945, the award is made annually to students who are majoring in Mathematics. The recipient of this award is chosen on the basis of excellence of scholarship in mathematics. Apply to the Department of Mathematics.

The Teachers College/Eastern State High School Alumni Scholarship. Established in 1995 by the Teachers College/Eastern State High School Alumni Reunion Committee, this scholarship goes to a relative of the alumni of Teachers College/Eastern State High School. The recipient shall demonstrate integrity (incorruptible uprightness), as evidenced in three letters of recommendation from community leaders. The recipient shall demonstrate enthusiastic and outstanding leadership, as evidenced by his/her involvement in organizations whose purpose is to foster consideration and service. Apply to the Office of Alumni Services.

H.F. Thut Award. Established in memory of Hiram F. Thut, former professor of botany at Eastern from 1932 to 1969, this award is presented annually to an outstanding junior or senior majoring in Botany. Apply to the Department of Botany.

The Wang Tih-wu Scholarship. Established in 1996 by Dr. Wang Tih-wu, this scholarship goes to a full-time junior or senior at Eastern Illinois University. Priority will be given to applicants from Taiwan and the People's Republic of China who are majoring in Journalism and fields related to mass media, for example, Speech Communication. The recipient must demonstrate academic excellence and involvement in extra-curricular activities. Apply to the International Student Advisor.

Ruby Trimble Memorial Scholarship. Established in 1987 by the Panhellenic Council and the Interfraternity Council in honor of the late Ruby Trimble, longtime secretary of the Office of Student Activities, the award annually provides scholarships to full-time juniors and seniors with a CGPA of at least 2.75; one to a fraternity member and one to a sorority member. Apply to the Office of Student Activities.

Dr. William B. Tym Scholarship. Established in memory of William B. Tym, whose practice of dentistry in Charleston spanned a period of 57 years, the award goes annually to a student enrolled in the Pre-Dentistry program. The recipient must have a GPA of at least 3.0 and show promise of success in the study and practice of dentistry.

United Graphics Scholarship. Established by United Graphics, this scholarship is presented to a student entering Eastern for the first time. Incoming freshmen must be in the top 10% of their graduating class; transfer students must have a 3.5 grade point average. Apply to the Dean, Lumpkin College of Business and Applied Sciences.

Wesley J. Vala Student Athletic Scholarship. Established in 1989 in memory of Wesley J. Vala, this scholarship recognizes outstanding achievement in high school athletics by a Sangamon County high school

senior who plans to matriculate at Eastern and participate in intercollegiate athletics. Apply to the Director of Athletics.

Mary Cralley Vaupel Memorial Award. Established in 1989 in memory of Mary Cralley Vaupel by Dorothea and Walter McDonald, this award provides to a graduate student interested in Guidance, membership in the American Association for Career Counseling and Development. Apply to the Chair, Department of Educational Psychology and Guidance.

Vogel Freshman Mathematics Award. Established in 1987 by Douglas Vogel and Donald C. Vogel, Jr., the award recognizes freshman students enrolled in Mathematics at Eastern Illinois University. A competitive examination will be given during the Spring Semester of each year to determine the recipient(s). Apply to the Department of Mathematics.

Errett and Mazie Warner Presidential Awards. Scholarship awards were established in 17 fields of study by the late Errett Warner, distinguished Eastern alumnus. The awards are made annually to outstanding Eastern students enrolled in the designated programs. Areas included in the Presidential Awards are Athletics, Botany, Educational Administration, Elementary Education, English, Environmental Biology, Geology/Geography, Higher Education, History, Journalism, Mathematics, Music, Pre-Legal Studies, Pre-Medical Studies, Physical Education, Library Studies and Zoology. Apply to the departments.

Robert A. Warner Music Scholarship. Established through the Department of Music in honor of Robert A. Warner, former professor of music at Eastern, this award goes annually to a Music major who demonstrates talent on a stringed instrument. Apply to the Department of Music.

Ivan W. and Mable Blum Weaver Scholarship. This award was established by Ivan W. Weaver to provide annual scholarship(s) to graduating seniors from Charleston High School who have excelled academically, demonstrate financial need, and who will attend Eastern Illinois University in one of the fields of Science, Mathematics, or Accountancy. Apply to Institutional Advancement.

Benjamin Weir - Eugene Waffle Journalism Award. Established in honor of the late Benjamin Weir, distinguished Charleston publisher, and the late Dr. Eugene Waffle, distinguished professor of English at Eastern, this scholarship is awarded to an outstanding Eastern Journalism major who can show proof of significant work on one or more student publications. For application, write to Journalism Scholarship Committee. Deadline March 1.

Annie L. Weller Scholarship. Established in memory of Miss Annie L. Weller, Head of the Geography Department, the award is made annually to a graduating senior planning to pursue a career in teaching. Eligible candidates must be majoring in Geology or Geography and must have demonstrated superior scholarship ability. Apply to the department.

George S. Westcott Band Award. Established by George S. Westcott, emeritus professor of music and director of bands at Eastern, the annual award honors outstanding instrumentalists who have performed three years in the University Band. Apply to the Music Department.

John L. Whisnand Scholarship. Established by the late John L. Whisnand, the Whisnand Scholarship is presented annually to Eastern students of outstanding character who have at least one year of study left in order to complete a bachelor's degree and who demonstrate financial need. Apply to the Eastern Illinois University Honors Programs.

Howard DeForest Widger Scholarship. Established by the Alumni Association and granted annually to a senior English major, the award is given for outstanding personal character and scholastic achievement in the field of English. Apply to the Chair, English Department.

Joan R. and Glenn D. Williams Women's Athletic Scholarship. Established in 1988 to benefit women student athletes, the award rotates annually between the areas of basketball, softball, volleyball, and track. The recipient must have a GPA of at least 2.0. The athlete may receive the award in subsequent years. Apply to the Department of Athletics.

Ronald A. Wilson Scholarship. Established in 1991 by Ronald A. Wilson, this scholarship is awarded to an Illinois resident who is enrolled in Eastern's College of Education and Professional Studies and who plans to become a teacher. Apply to the Dean, College of Education and Professional Studies.

Jennifer Woods Memorial Scholarship. This award was established in 1990. Eligible applicants are female students majoring in the Department of Health Studies' Community Health Option or in the Women's Studies minor program. Recipients must have a GPA of 3.0 and show good personal character and a commitment to public service. Apply to the Chair, Health Studies.

John George Wozencraft, Jr., Memorial Award. Established in 1989 by Dr. Marian Wozencraft in memory of her brother, John George Wozencraft, Jr., this award provides funds for either worthy travel by an Eastern student, preferably majoring in Mathematics and involved in Music or Debate; or for a scholarship to a Mathematics major. Apply to the Chair, Department of Mathematics.

Loans

Any time an institutional short-term loan or loans exceed $100 in the aggregate, a co-signer is required and must be approved by the Loan Officer. The amount listed as the value of each individual loan fund represents the maximum loan to be made. The actual amount of the loan to the student is determined by the loan officer unless rules governing the respective loan fund require another person's approval. Aggregate loan amounts cannot exceed: Freshman - $200; Sophomore - $300; Junior - $400; Senior - $600; and Graduate - $600.

Brainard Loan Fund. Established from the estate of H. Ogden Brainard for needy and deserving students at Eastern Illinois University. To be eligible for the Brainard Loan, students must have completed the Financial Aid Need Analysis process and have an unmet need for funds. Students must be enrolled full time with a minimum 2.00 GPA. Loans must be repaid within one year of the loan approval date. Interest is set at two percent per annum from date to maturity and seven percent per annum after maturity. Any loan over $100 or any combination of loans totaling more than $100 must be co-signed by a parent or other full-time employed person.

Adelia Carothers Fund. This fund was established by the late Mrs. Ida Carothers Merriam and Mr. Charles G. Carothers in memory of their mother. This fund is to be loaned to young women students of high character and scholarship during their junior and senior year. The interest rate is two percent during enrollment. At termination of enrollment the rate increases to six percent. Inquiry may be made at the Office of Financial Aid.

Elementary and Junior High School Student Teaching Loan Fund. This loan fund was established with funds contributed by students of Eastern State High School during World War II. Loans up to $100 may be made to students who need the funds during their student teaching semester. No interest is charged when repayment is made within one year. Application must be made to the Dean, College of Education and Professional Studies.

Emergency Loan Fund. The amount of an Emergency Loan is limited to $100 for a maximum period of 90 days. No interest will be charged if repaid within that period. To be eligible, a student must be in residence at the University at least one term and be in good standing. Application is made in the Office of Financial Aid.

Illinois Congress of Parents and Teachers Loan Fund. In September 1954 the Illinois Congress of Parents and Teachers established a loan fund of $1,000. Loans from this fund on either a short- or long-term basis may be secured by an eligible student who is in training for the teaching profession. No interest will be charged if the money is repaid within one year of termination of enrollment. Interest then begins at three percent. Students should contact the office of Financial Aid Emergency Loan Area for application forms. Available only to student teachers.

Elizabeth K. Lawson Emergency Loan Fund for Women. Established by friends of Elizabeth K. Lawson, former Dean of Women. The amount of a loan is limited to $50 for a period of 90 days. No interest will be charged if repaid within that period. To be eligible a student must be female and enrolled full-time. Application is made in the Office of Financial Aid.

Florence McAfee Loan Fund. Physical education majors and minors, alumnae, and staff established this fund in honor of Dr. Florence McAfee.

Any woman student, either majoring or minoring in Physical Education, is eligible to borrow from the fund. When need arises, students should contact a member of the Physical Education staff.

William D. Miner Emergency Loan Fund. Established by the Eastern Illinois University Veterans Association in honor of Dr. Miner, a long-time advisor to the association. To be eligible, a borrower must be an enrolled student, a U.S. citizen, and in good standing. Maximum loan is $50 to non-veterans, $100 to veterans. No interest charged if repaid within 30 days. Application forms are available in the Office of Financial Aid.

W.D. Morgan Loan Fund. The will of Dr. W.D. Morgan of Charleston gives to the Morgan Loan Fund the annual income from a share of his estate. This loan provides funds to needy students who are sophomores or above, U.S. citizens and enrolled in at least 6 semester hours. The remaining requirements are the same as those of the Student Loan Fund. Application is made at the Office of Financial Aid.

Journalism Loan Fund. Approval of the loan application is made by the Journalism Department. No interest.

Parents' Club Emergency Loan Fund. Established by the Eastern Illinois University Parents' Club. To be eligible, one must be a full-time student in good academic standing. Maximum loan is $100, no interest is charged, and maximum period of loan is 90 days. Application forms may be obtained in the Office of Financial Aid.

Mary Piper Rogers Student Loan Fund. Limited to graduate or undergraduate women, 25 years of age or older, and registered for a minimum of six hours for the semester in which they made application for the loan. Application is made in the Office of Financial Aid.

Rotary Loan Fund. Established by a donation from the Charleston, Illinois, Rotary Club to assist International Students. Maximum loan is $100 with no interest charged if repaid within 90 days. Application is made at the International Student Office.

The Russell Loan Fund. This fund was established by family and friends in memory of Mrs. W. L. Russell to provide loans for needy women students. Inquiry may be made at the Office of Financial Aid.

Samelman Emergency Loan Fund. Limited to majors in any program administered by the Department of Geology-Geography. Approval of the loan application is determined by the Student Aid Committee of Geology-Geography.

William D. Ford Direct Loan Program. This program was authorized by Congress for institutions to participate in rather than the Guaranteed Loan program available through commercial lenders. Maximum loan amounts to be borrowed are:

Freshmen	$2,625
Sophomores	$3,500
Juniors, Seniors	$5,500 per academic level
Graduate Students	$8,500

Application forms and additional information about this program are available from the Office of Financial Aid. Information may be obtained from the same office about Parent Loans and additional unsubsidized loans for independent students and graduate students.

Student Loan Fund. In 1934 the late John L. Whisnand of Charleston left the University a portion of his estate as an endowment, the income from which was to be available for financial assistance to deserving students. To be eligible for a Student Loan, a student must be a U.S. citizen, enrolled full-time, and be in good standing. Maximum loan to first term EIU enrollee, $50. Freshmen may borrow a maximum of $200. Sophomores may borrow a maximum of $300; Juniors, $400; Seniors and Graduate Students, $600. No borrower may owe more than $600 at any one time. If amount of loan is $100 or less and borrower has no other outstanding short-term loans, no interest will be charged until due date, and no co-signer will be required; seven percent interest will be charged after due date. Any loan over $100, or any loan less than $100 for a borrower who has another short-term loan, will accrue interest of two percent until maturity and seven percent thereafter. These loans must be co-signed by a person employed full-time. Term of repayment shall not exceed one year after termination of enrollment. Application is made at the Office of Financial Aid.

Veterans' Benefits

Vocational Rehabilitation
(Chapter 31 U.S. Code)
Vocational Rehabilitation is a comprehensive educational program administered by the VA, open to veterans with a compensable, service-connected disability. A Vocational Rehabilitation Specialist is available to assist in this program. Though the monthly payments are slightly less than that of the regular GI Bill, all tuition and fees as well as necessary tools or supplies, are also provided.

Post-Viet Nam Era Veterans'
Educational Assistance Program
(Chapter 32 U.S. Code)
Individuals who contributed to the VEAP while in the service may be eligible to receive a monthly stipend while attending college. Contact the Veterans' Office for details.

Dependent Educational Assistance
(Chapter 35 U.S. Code)
Dependent Educational Assistance is available for widows, widowers, and children of veterans who died as a result of a service-connected condition or veterans who carry a permanent and total disability.

Selected Reserve Educational Assistance Program (Chapter 106 U.S. Code)
Members of Military Reserve Units should contact their units for eligibility requirements.

Illinois Veteran Grant
Any person who served in the armed forces of the United States after September 16, 1940, and who at the time of entering such service was a resident of Illinois and has been honorably discharged, may be awarded a scholarship provided he/she has the required period of service. A veteran discharged after August 11, 1967, must have a minimum of one year's active service. If discharged prior to this date, he/she needs only an honorable separation from service. Application should be made by filing a photostatic copy of the discharge or separation papers and IVG application with the ISAC in Deerfield, Illinois. This scholarship may be used concurrently with the GI Bill.

Once initiated, the 120 points of scholarship eligibility may be used with no time limit. The number of points used per semester are prorated in accordance with the number of hours carried.

Military Scholarships must be registered with the Office of Veterans' Services to be valid for use. Service personnel eligible to use the scholarship must furnish satisfactory documentation of Illinois citizenship.

Illinois Orphans Education Act
The Illinois Educational Benefits Act provides financial aid for children of certain deceased veterans and children of veterans who are totally and permanently disabled from a service-connected disability. Qualified students, ages 10 to 18, may receive up to $150 a year with which to defray expenses. Application blanks and additional information may be obtained from the Department of Registration and Education, Springfield, Illinois, or from the Illinois Department of Veterans' Affairs, 1000 Broadway, Mattoon, Illinois 61938.

MIA/POW Scholarship. Any spouse, natural child, legally adopted child, or any step-child of a veteran or service person who has been declared by the U.S. Department of Defense or the U.S. Veterans' Administration to be a prisoner of war, missing-in-action, have died as a result of a service-connected disability or be permanently disabled from service-connected causes with 100% disability and who, at the time of entering service, was an Illinois resident or was an Illinois resident within six months of entering service, may be eligible for the scholarship. It covers tuition and activity fees. For further information contact the Department of Veterans' Affairs, 208 W. Cook St., Springfield, Illinois 62705.

Montgomery G.I. Bill - Active Duty (Chapter 30 U.S. Code)
Eastern Illinois University is an approved institution for Veterans' Affairs benefit programs.

Other Federal Programs

Federal Educational Opportunity Grants

The Educational Amendments of 1972 established two federal grant programs. They are the Supplemental Educational Opportunity Grants and Pell Grants. To be eligible, the student must be an undergraduate enrolled in an approved course and meet certain citizenship requirements.

The Federal SUPPLEMENTAL EDUCATIONAL GRANT is intended to supplement other aid. Each EIU financial aid application submitted to the Office of Financial Aid is checked for possible eligibility for this grant.

The Federal PELL GRANT provides for grants from $250 to $2,400. The actual amount a student receives depends on financial information reported on the application, whether the student is full-time or part-time, length of enrollment, and cost of education. Application forms are available at high schools, colleges, federal offices, social agencies, and the Office of Financial Aid.

Federal College Work-Study Program

In addition to the regular student employment program, Eastern Illinois University has the Federal College Work-Study program available to those students who demonstrate sufficient financial need. There are approximately 400 approved positions in departments and administrative offices. Application forms can be obtained from the Director of Financial Aid.

Federal Perkins Loan Fund

The Perkins Loan Program was established by the Educational Amendments of 1986. Eastern Illinois University has been accepted as a participant in the program. Loans will be provided students in accordance with federal recommendations and regulations. To be eligible, the student must demonstrate financial need, he/she must be enrolled as a full-time student or half-time student, and he/she must meet standards of satisfactory progress.

The amount of the loan will be determined by the University on the basis of availability of funds and the student's financial need. Application forms can be obtained from the Director of Financial Aid.

Student Employment

Student Employment receives applications for part-time employment and assists students in finding work at the University and in the community. A bulletin board is maintained in the Student Employment Office for the purpose of advising students of vacancies. Students may also apply directly to any department on campus for student employment consideration.

IV

Admission, Readmission, Enrollment, and Advisement

ADMISSION POLICIES

Applications for admission to the University may be obtained by writing to: Office of Admissions, Eastern Illinois University, Charleston, Illinois 61920.

Acceptance of applications and granting of admissions are subject to completion of the application process (See Admissions Procedures). All beginning freshman applicants and all transfer student applicants with fewer than 30 semester hours of earned credit must have ACT or SAT scores submitted to the University. Applications should be on file no later than 10 calendar days preceding registration for the term the student wishes to enroll. Since the University reserves the right to limit enrollment to available facilities and resources, earlier closing dates may be announced.

Applicants who choose not to attend Eastern Illinois University for the term listed on the application must notify the Office of Admissions in writing if they wish to be considered for a future term. Applications are retained for one semester past the enrollment date.

A Registration Permit to Enroll is mailed after an application has been processed and accepted. The Permit must be presented at the time the student enrolls. Mailed with the Registration Permit to Enroll is the University Health Service Immunization Record form. To be in compliance with State of Illinois Public Act 85-1315, which mandates proof of immunity to selected vaccine-preventable diseases, all new students born after January 1, 1957 must have this form completed by a nurse or doctor and return to the University Health Service by the seventh week of class. Legislation requires that students not be allowed to register for a second semester if immunizations requirements are not met. Housing applications must be sent to the Housing Office (See Living Accommodations) and may be made at any time even though an Application for Admission has not been filed or accepted. The Application for Housing does not constitute an Application for Admission, nor does the Application for Admission constitute an Application for Housing. Early submission of applications for admission and housing is encouraged, particularly for the Fall Semester.

High School Subject Requirements

College-Preparatory English: Four years of English, emphasizing composition, grammar, and literature. As much as one year of the requirement may be satisfied by two semesters in any combination of drama, debate, public speaking or journalism.
College-Preparatory Mathematics: Three years of mathematics, including algebra, geometry, advanced mathematics, or computer programming.
College-Preparatory Science: Three years of natural sciences (biological and physical), with significant laboratory experiences.
College-Preparatory Social Studies: Three years of social studies, including one year of United States history and/or government.
Electives: Two years of academic or vocational electives.

The University will allow a flexible redistribution for up to three of the 15 units within the subject areas. No more than one unit each (for a total of three) from the categories of Social Studies, Mathematics, Science, and Electives may be redistributed to any of the other five categories of coursework. No more than one unit may be applied to any one category to make up a deficiency. If flexible units are utilized, prerequisites for specific courses may not necessarily be met.

Beginning Freshmen

Effective Fall, 1998.
Applicants for admission to Eastern Illinois University are selected, dependent upon the availability of facilities and resources, from candidates who satisfy one of the following categories:

1. Rank in the top one quarter of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 18 (SAT 860).
2. Rank in the top one half of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 19 (SAT 900).
3. Rank in the top three quarters of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 22 (SAT 1020).

Other applicants may be considered for admission on a space available basis. Such applicants should contact the Director of Admissions.

Native Students

The University defines a native student as one whose initial college/university enrollment was as a beginning freshman at Eastern Illinois University.

Transfer Students

Dependent upon the availability of facilities and resources, the University considers applications for admission from candidates who have attended one or more other colleges and universities. In order to be considered for admission, an applicant must submit official transcripts from all educational institutions previously attended; these include each college or university, as well as the high school from which the applicant graduated.

Applicants must have a cumulative grade-point average of 2.00 on a 4.00 grading scale based on all college-level work attempted, and a 2.00 cumulative grade point average on a 4.00 scale from the last institution attended.

As a condition of continued enrollment, transfer students admitted to the University with 30 or more semester hours of earned credit who have taken the ACT or SAT test prior to beginning college must submit their test scores to the University prior to the close of their first term of attendance at the University.

Transfer students with fewer than 30 semester hours of earned credit must also meet beginning freshman admission requirements.

Provisional Admission

First-time freshman applicants and transfer applicants with fewer than 30 semester hours of acceptable credit who meet all criteria for admission except high school course-specific requirements will be admitted on a provisional basis if (1) they did not have an opportunity to complete the minimum college preparatory curriculum in high school; or (2) they are admitted through the Gateway Program.

The courses in which provisionally admitted students enroll must include courses in the high school subject areas in which course-specific requirements were not met. One three-hour college course is considered to be the equivalent of one year of high school work in a subject area. To remove provisional status in English, Mathematics, Science and/or Social Studies, students must complete at least three semester hours of coursework with a grade of C or better for each year or fractional year of deficiency in a subject area. (Proficiency examination credit in accordance with University policy also is acceptable.) Courses used for this purpose must be selected from the list which follows:

English Deficiency

English 1001C	English 1002C
English 2009C	English 2011C*
English 3010C*	

Mathematics Deficiency

Mathematics 1271	Mathematics 1300

Science Deficiency

Biological Sciences 1001C	Botany 1050C*
Botany 2000C	Chemistry 1040C
Chemistry 1300*/1315*	Earth Science/ Geology 1300C
Earth Science 1400C*	Physics 1051C
Physics 1050C	Physics 1150
Physics 1070	Zoology 1001C*
Physics 1350*	
Zoology 2001C	

Social Studies Deficiency

Anthropology 2200C*	College of Sciences 3001C
Economics 2800C	Economics 2801*
Geography 1100C*	Geography 1200C*
History 2010*	History 2020*
History 3600*	Political Science 1003
Political Science 1153C*	Political Science 2253C*
Political Science 2603	Psychology 2000*
Sociology 2710	Sociology 2750C*

**There is an honors version of this course.*

Transfer students admitted on provisional bases will be considered to have removed a deficiency if they received a grade of C or better in transfer work equivalent to at least three semester hours, or four quarter hours, for each year or fractional year of deficiency in a subject area.

For freshmen provisionally admitted in Fall, 1994 and thereafter, a high school deficiency may be satisfied by satisfactory completion of a course in that subject area (See list above). In the case of deficiencies in English, English 1001C and 1002C may also be used to remove a deficiency. Any course from the above list used to satisfy a deficiency that is designated as part of the Integrated Core may also be used toward the General Education requirement. Provisionally admitted students are expected to remove deficiencies by the end of the grading period in which they complete 44 semester hours.

Students who graduated from high school or obtained a High School Equivalency Certificate through the General Education Development (GED) Test five or more years prior to entering the University are exempt from course-specific admission requirements. Students who graduated from high school or obtained a High School Equivalency Certificate less than five years prior to entering the University must meet the course-specific admission requirements.

Graduate Students

See *Graduate Catalog*.

Graduates of Non-Accredited or Non-Recognized High Schools

"Recognized" is defined to include secondary schools recognized by the Office of the Illinois State Superintendent of Instruction OR accredited by the North Central Association or one of the five other regional accrediting agencies.

Graduates of high schools which are neither regionally accredited nor recognized may not be considered for admission unless they have passed the General Education Development (GED) Test and obtained a High School Equivalency Certificate. For students who have been home schooled and do not present a recognized diploma, the GED requirement may be waived with an acceptable ACT score as determined by the Office of Admissions. Home schooled students must also submit a transcript of all courses completed.

Summer Guest Students

(Undergraduates)

A Summer Guest Student is one who is not seeking a degree at Eastern Illinois University and is not a former regular student at Eastern. The purpose of a summer guest enrollment is usually to transfer credit hours back to another institution. Summer guest students are admitted for summer terms only, without having to submit official transcripts. The student is required to sign a Disclaimer Statement certifying that she or he 1) is admitted/ enrolled in good standing at another institution, 2) has the necessary academic preparation for the proposed course(s), 3) understands that admission as a Summer Guest Student does not constitute admission to the University for subsequent regular (fall/spring) semesters, and 4) is aware that credits earned as a Summer Guest Student may or may not be applicable to a specific degree program at Eastern Illinois University.

Each summer a student wishes to enroll as a Summer Guest Student, she or he must submit a Summer Guest Student Application, sign the disclaimer form, and pay the $25 application processing fee. Enrollment in a subsequent fall or spring term requires submission of a regular Application for Admission, a full set of required documents showing admissions standards have been met, and the $25 application processing fee. All applications for fall or spring terms are considered on a space available basis.

Conditional Students

(Undergraduates)

All applications for fall or spring terms are considered on a space available basis. A Conditional Student is not a former regular student at Eastern and is allowed to register for courses prior to submitting official transcripts and being officially admitted to the University. A student may remain in this category for two consecutive regular terms only. She or he is not eligible to register for a third term without having submitted all official transcripts, having met the published admission policy, and having been officially admitted to the University.

Each Application for Conditional Admission will be considered on an individual basis. For the initial term of registration the student is required to complete an Application for Conditional Admission and submit a $25 application processing fee. The student is also required to sign a Disclaimer Statement certifying that she or he 1) meets the regular admission standards of the University, 2) has the necessary academic preparation for the proposed course(s), 3) understands that admission as a Conditional Student does not constitute full admission to the University for any subsequent term, 4) understands that it does not guarantee admission once official academic documents are received, and 5) is aware that credits earned as a Conditional Student may or may not be applicable to a specific degree program at Eastern Illinois University.

Conditional Students will be allowed to register for the second term (must be consecutive) before submission of academic documents that show normal admissions standards have been met. No additional application form or processing fee will be required. However, the student must declare, in writing to the Admissions Office, her or his intent to continue for the second semester. Registration for a subsequent (third) term will not be allowed without official admission (requires receipt of academic documents showing normal admissions standards have been met) or another Application for Conditional Admission and another $25 application processing fee.

Concurrent High School Enrollment

Students who have completed the junior year in a recognized high school may be eligible for concurrent enrollment at Eastern Illinois University. To be considered, students must have completed twelve acceptable units, rank in the upper twenty-five percent of their class and obtain the recommendation of their principal.

In this program, college course enrollment is limited to eight semester hours for the summer preceding the high school senior year and four credit hours during the regular semesters of the senior year. Credits earned under this arrangement are held in escrow to be applied toward graduation requirements at EIU. Students are cautioned that such credit may not be acceptable to, nor transferable to, other educational institutions.

Those wishing to continue their enrollment at Eastern Illinois University after graduation from high school must complete the standard freshman admission process.

International Students

Applicants who are non-United States citizens or non-Permanent Resident Aliens may apply for admission by submitting completed International Student Application forms which are obtainable from the International Programs Office. Students whose native language is not English or whose college preparatory work has been done in non-English speaking schools must present minimum scores of 500 on the Test of English as a Foreign Language (TOEFL) or proficiency level 9 from an ELS Language Center in the United States to be considered for admission.

If otherwise admissible, students scoring between 500 and 549 on the TOEFL or at proficiency level 9 on the ELS will be required to enroll in English as a Second Language I (English 0990) during their first term of attendance. Students scoring at 550 or above on the TOEFL or at proficiency level 9 on the ELS will be required to enroll in English as a Second Language II (English 0995) during their first term of attendance.

Deadlines For Issuance of Form I-20 or IAP-66

Applicants must be admitted and approved for issuance of appropriate documents two months prior to the beginning of the semester. Late applications will be processed on a case-by-case basis. Upon request, files may also be updated to the following semester.

Gateway Program

Minority students who do not meet regular admission requirements may be considered for admission to the Gateway Program (formerly the Minority Admissions Program). Admission is considered for beginning freshmen for the Fall Semester of each academic year. Maintaining a culturally diverse student body, including adequate representation of minority students in the total student body, is an educational and affirmative action goal of the University. The University's ultimate goal is to have minority students represented in the student body in the same proportion as their representation in the population of the State of Illinois. The Gateway

Program was established as a voluntary affirmative action program under the Civil Rights Act Title VI policy guidelines established by the U.S. Department of Health, Education and Welfare. The University measures annual progress toward its ultimate goal by increases in the percentage of minority students represented in its student body.

The University will consider applications from candidates who have an ACT composite standard score of at least 10 non-enhanced or 14 enhanced (SAT 560 [670 as of April 1995]) *and* who have a high school cumulative grade point average of at least C (2.00 on a 4.00 scale) based on six or more semesters. This differential test score standard is intended to take account of the cultural bias associated with standard admission tests. Applicants must also meet the high school subject requirements specified for all entering freshmen. In addition to completing a program admission application, applicants must submit a writing sample, a completed participant agreement, and three letters of recommendation from high school teachers and/or counselors which provide evidence of the applicant's character, motivation, ability to overcome economic and educational disadvantage, work experience, and other relevant factors. An interview may be required and high school attendance patterns will be considered.

Students admitted to the program are provided the following: designated program academic advisors; assessment of basic skills in reading, writing, and mathematics; placement in specified courses; and programs selected to address special needs or deficiencies identified by assessment.

Continued enrollment in the program requires that a student enroll in at least 12 hours each semester.

General guidelines for the program are established by the Advisory Committee chaired by the Director of Minority Affairs. Among the program guidelines, students are strongly encouraged to live in University residence halls; are subject to the same academic warning, probation, and dismissal policies as are all University students; may declare an academic major no sooner than the second semester of attendance; may be mainstreamed as soon as the end of the second semester of attendance if they have earned a minimum of 20 hours over two semesters with a grade point average of 2.00 or higher each semester; and will be mainstreamed at the end of the term in which they earn 45 semester hours of credit, or complete four semesters and obtain the permission of the program director to exit the program. Students in good standing at the end of their second semester who have failed to successfully complete two consecutive semesters with a 2.00 or higher GPA will be mainstreamed if they earn a minimum GPA of 2.00 at the end of their third semester.

Gateway program students must agree to follow the academic program prescribed by their academic advisor and the general guidelines established for the program as conditions for continuation in the program. Students who fail to comply with program guidelines may be dismissed from the program and the University after a review and appeal process established by the Advisory Committee.

The Advisory Committee shall consist of: Director of Minority Affairs (Chair), Associate Vice President for Academic Affairs, Director of Admissions, and a faculty member appointed by the Vice President for Academic Affairs.

Adult Student Admission Policy

Students who have never enrolled in any college or university and who have been graduated from an accredited high school for at least five years may be admitted to Eastern Illinois University on a conditional basis. During their first 24 semester hours at EIU, those students are required to successfully complete the following courses: General Studies 1000, English 1001C, English 1002C, and an appropriate mathematics course. Students admitted in this category will be evaluated for satisfactory progress using the standards in place for student retention at the University.

An Application for Admission, an official high school transcript, and a letter requesting consideration for conditional admission are required for consideration. These items and any other available supportive material should be sent to the Director of Admissions. The Director will review each application and make a decision based on the applicant's potential for success at EIU.

Admission Procedures

All applicants must submit a $25 non-refundable fee with the application. Check or money order only should be made payable to Eastern Illinois University.

Beginning Freshmen

1. Obtain an application for admission by contacting:
   Office of Admissions
   Eastern Illinois University
   Charleston, Illinois 61920
   (800) 252-5711.
2. Provide **all** information requested on the application form. Request your high school to complete the form and forward it and a copy of your transcript of grades to the University. You should also request that your high school send a final transcript when available.
3. Request ACT or SAT scores be sent directly from the testing agency to the University. Scores forwarded by your high school may be used as a working document only.
4. Students whose native language is not English or whose college preparatory work has been done in a non-English speaking school must present scores on the Test of English as a Foreign Language (TOEFL).

Transfer Students

1. Obtain an application for admission by contacting:
   Office of Admissions
   Eastern Illinois University
   Charleston, Illinois 61920
   (800) 252-5711
2. Provide **all** information requested on the application form and send the completed form to the Office of Admissions.
3. Request that **all** institutions previously attended send official transcripts to the Office of Admissions. This includes both high schools and colleges.
4. **Transfer applicants with fewer than 30 semester hours of earned acceptable credit must also meet beginning freshman admission requirements.**

Transfer students admitted to the University with 30 or more semester hours who have taken the ACT or SAT test prior to beginning college must, as a condition of continued enrollment, submit ACT or SAT scores during the first term of attendance at the University.

Readmission

Former Undergraduate Students

Former undergraduate students who are academically eligible and wish to return to the University after a lapse of one or more semesters should make application for readmission to the Records Office at least 10 calendar days prior to the first class day of the term in which they intend to enroll. An earlier closing date may be announced in the public press. Students enrolled in the Spring Semester need not apply for readmission for the ensuing Fall Semester.

A former undergraduate student who has attended one or more regionally accredited colleges or universities since last attending Eastern Illinois University may be readmitted provided the following two conditions are met with respect to coursework taken since last in attendance at Eastern: (1) the composite GPA in all coursework attempted is at least 2.00 on a 4.00 scale AND (2) the GPA at the last college or university attended is at least 2.00 on a 4.00 scale. If the student is attending another regionally accredited college or university at the time of applying for readmission, a statement from that institution indicating the student is earning at least a 2.00 on a 4.00 scale for coursework subsequent to last attending Eastern will suffice until the official transcript can be sent at the end of the term.

Students dismissed for poor scholarship must remain out of the University for at least one regular semester. After the inactive semester, students dismissed for the first time will be automatically eligible for reinstatement and may re-enter the University at the beginning of a fall or spring semester provided they indicate their intentions to do so prior to established deadlines. Students dismissed for poor scholarship will not be allowed to re-enter during a summer term. Any student dismissed from EIU for academic reasons must enroll in GST 1000 during the term in which he or she re-enters the University as a condition of reinstatement. Reinstated students re-enter the University with the cumulative GPA they had upon dismissal and are placed on academic probation. This probationary status will continue so long as the student satisfies the conditions specified in the

section on "Academic Probation." Students failing to make satisfactory progress are dismissed again and may not be reinstated a second time except by approval of the Academic Reinstatement Committee. Petitions for reinstatement must be submitted by the third Monday in June for the Fall semester and by the second Monday in September for the Spring semester. No petitions are accepted for Summer terms. Petition forms are available from the Records Office.

A former undergraduate student dismissed for low scholarship who has attended one or more regionally accredited colleges or universities since last attending Eastern Illinois University may be readmitted provided the following two conditions are met with respect to coursework taken since last in attendance at Eastern: (1) the composite GPA in all course work attempted is at least 2.00 on a 4.00 scale AND (2) the GPA at the last college or university attended is at least 2.00 on a 4.00 scale. If the student is attending another regionally accredited college or university at the time of applying for readmission, a statement from that institution indicating the student is earning at least a 2.00 on a 4.00 scale for coursework subsequent to last attending Eastern will suffice until the official transcript can be sent at the end of the term.

A former undergraduate student dismissed for low scholarship should consider taking advantage of the academic assistance services offered by the University. A description of these services appears under the heading of Academic Services.

Students failing to make satisfactory progress are dismissed and may not be reinstated a second time except by approval of the Academic Reinstatement Committee.

Former Students Who Have Graduated
Former students who have graduated and who return to the University after a lapse of one or more semesters should make application for readmission to the Records Office at least ten calendar days prior to the first class day of the term in which they intend to enroll. An earlier closing date may be announced in the public press. *Students not previously admitted to Graduate School must also apply for admission to the Graduate School.*

Enrollment

Registration Procedures
New Students. Instructions for the registration of new students are given in writing, in conferences, and at meetings during orientation periods.

Students Currently Enrolled. Each student currently enrolled should participate in early registration for the following term. By doing so, the student agrees to complete his/her registration by advance payment of all fees. Scheduling for the reservation of space is planned so that graduate students, seniors, juniors, sophomores, and freshmen are assigned space in that order. Students who fail to complete the various steps, including payment of fees, in early registration will forfeit the space in class which has been reserved for them.

All students who have not completed early registration for a given term may register during late registration. Each student currently enrolled must make the advance deposit for the approaching term and then follow instructions in the class schedule to register by Touch Tone Telephone. The advance deposit must be paid or waived before the student may register.

The University assumes no responsibility for accepting an ineligible student's registration. Reservation of a space for any class is subject to the assigned capacity of the class.

Former Students. Students who return to the University after a lapse of one or more semesters receive written instructions for registration procedures after they have applied for readmission.

New Student Orientation

The primary function of the Office of Orientation is to provide incoming students the tools to take on the college experience by providing information on academic and social opportunities throughout the university. We provide the essential information for both students and parents to know they are in a safe and caring environment that will bring opportunities for success. Such information includes policy and procedure related to safety, financial aid, housing, policies, academic integrity, and student issues.

New students arriving on campus for the Fall and Spring Semesters are invited to participate in the Panther Preview Program. The Panther Preview Program provides a variety of campus-wide social, recreational, and awareness programs designed to acquaint new students with university life.

Ongoing Orientation programs and awareness activities are sponsored by the Office of Orientation throughout each semester. Schedules of Orientation activities are provided to new students by mail and are also available through the Office of Orientation, 581-6435.

Academic Assistance

New Students
New students are assigned to an advisor who assists them in the preparation of their academic program. During orientation or enrollment days the advisor and the students plan the program jointly. It is expected that students will select one of the curricula of the University and that they and their advisor will plan courses that are consistent with University requirements.

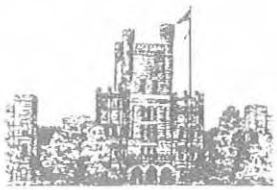
Former Students
After the application for readmission has been approved, a student is assigned to an academic advisor.

Students Changing Majors
Students who wish to change their degree, major, option or minor should consult with their advisor and then complete the proper form in the Registration Office. It is important to make the change *prior to registering*.

Unclear Records

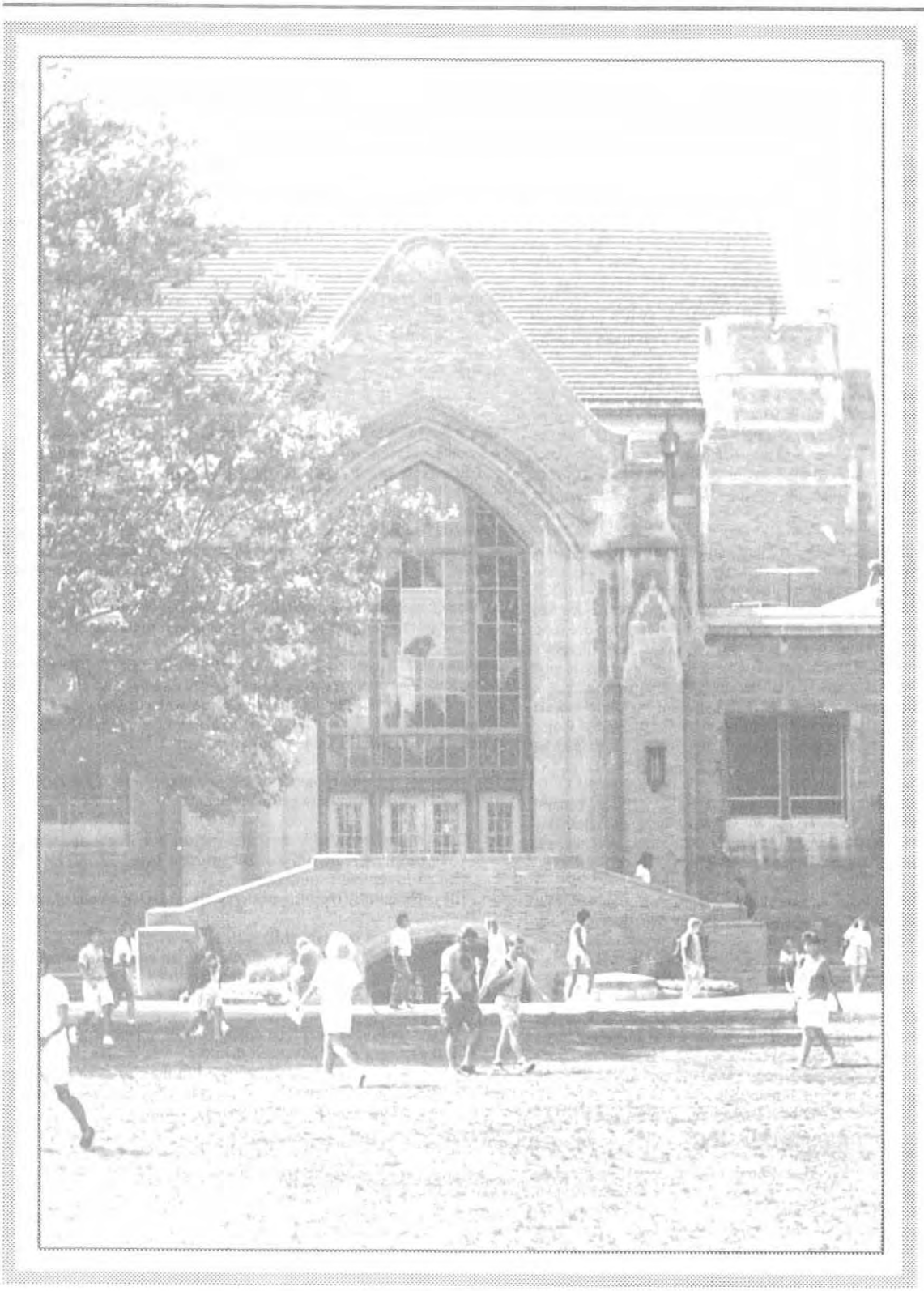
The academic records for students who have outstanding obligations with such departments as Booth Library, Athletic Department, Textbook Rental Service, Financial Aid, Chemistry Department, University Police and Parking, Registration and Business Office will be marked "unclear." Each student should check with all departments to clear all obligations prior to semester or summer term breaks and/or leaving the University permanently.

Official transcripts for any student with an unclear record will be withheld and not sent to any one or any place. A hold on a student's record *precludes readmission, registration, or graduation*.



V

Academic Regulations and Requirements



CREDIT

Credit Earned at Eastern Illinois University

The unit of credit measure is the semester hour, which approximates the effort expended in 50 minutes of class work and 100 minutes of study during each week of a semester.

Students may count toward graduation no more than four semester hours credit in theatre practicum, chorus, orchestra, band, and four semester hours in physical education activity courses. However, music majors and minors may count six semester hours in music ensemble activities; physical education majors and minors and recreation administration majors may count no more than six semester hours in physical education activity courses toward graduation.

Transfer Credit

Credit for Courses in Other Colleges and Universities. Advanced standing and transfer credit are granted for acceptable courses passed in colleges and universities accredited by the North Central Association or other regional accrediting agencies.

A student transferring to Eastern Illinois University who has received an A.A. or A.S. degree in a baccalaureate-oriented program from an Illinois public community college, Lincoln College, or Springfield College in Illinois is considered as having met lower division general education requirements (a minimal grade of "C" must have been earned in courses transferred in fulfillment of Eastern's Integrated Core Language Segment requirement).

The foregoing provision is also applicable to students (1) whose initial term of enrollment at Eastern was Summer 1982 or thereafter; (2) whose total semester hours earned at Eastern do not exceed fifteen; (3) whose cumulative Eastern grade-point average is 2.00 (C) or higher; and (4) whose last work resulting in completion of an A.A. or A.S. degree was earned at an institution other than Eastern or concurrently with coursework at Eastern.

As of the 1992-93 catalog, transfer students other than those categories specified in the preceding paragraphs will have met General Education requirements if they have completed elsewhere (minimal grade of "C" required for Language Segment courses) courses which have been accepted as approved substitutes for appropriate courses in the General Education Integrated Core at Eastern Illinois University; such students meet Eastern's Integrated Core requirement of "two courses in reading and writing" if they have credit and a minimal grade of "C" in any two English courses (in composition, composition and literature, or the equivalent) totalling at least six semester hours. During the period of transition to the Integrated Core, current equivalency lists will be honored until new equivalencies can be established.

NOTE: Transfer students who have only partially fulfilled general education requirements by transfer approved credit must complete the requirement in approved Eastern Illinois University distribution courses, or, as of the 1992-93 catalog, approved general education core courses.

Because major requirements vary, students with A.A. or A.S. degrees from Illinois public community colleges should be aware that they may not necessarily graduate with only an additional 60 semester hours of academic work. Further, all transfer students who enter teacher certification programs must meet all requirements for teacher certification.

The University requires a minimum of 56 semester hours in a senior institution or institutions, 42 of which must be earned at Eastern Illinois University, in order to qualify for a baccalaureate degree. If a student completes an Associate's Degree after beginning to take courses at Eastern, the general education requirements will not automatically have been met. *See Requirements for the Bachelor's Degree* for additional information.

Credit from a College or University Taken While a High School Student. A student who, while in high school, takes college courses at or through the auspices of a regionally accredited college or university, and upon completion of high school qualifies and enters Eastern Illinois University, will have up to 24 semester hours accepted for transfer credit of appropriate college courses in which he/she did C or better work in each course in the college.

Credit for Military Service. Certain experiences in military service may be submitted to the Records Office for evaluation for advanced standing. The recommendations contained in "A Guide to the Evaluation of Educational Experiences in the Armed Services" by the American Council on Education are used as a basis for such evaluation. Credit is allowed when the recommendations can be considered as reasonable substitutes for work ordinarily accepted by the University.

Credit for Correspondence and Extension Courses. Correspondence and extension courses taken from regionally accredited colleges and universities may be submitted for evaluation for advanced standing toward a baccalaureate degree. The total credit accepted toward graduation may not exceed 32 semester hours in correspondence and/or extension courses. Credit toward graduation for such courses, if taken in whole or in part during a period of resident study at Eastern Illinois University, is subject to permission granted by the Registrar, in advance of enrollment and to subsequent completion in accordance with the conditions governing the permission. When students are enrolled simultaneously in any combination of residence, extension, and correspondence courses, the total credit accepted may not exceed the maximum residence credit for which the student would be eligible during the period in question. Credit received in Eastern Illinois University courses taught by Eastern Illinois University staff members, either on or off campus, may be counted as credit in residence.

Application for permission must include the proposed starting date of the course, the proposed completion date, and the proposed periods of work. If the course is not completed in accordance with this schedule, an extension of time granted by the Registrar is required in order for the course to be considered subsequently for credit toward a degree. Documentary verification of compliance with the regulations may be required by the Registrar.

Credit for Nationally Standardized Tests. Students who submit scores for Advanced Placement Tests and/or College Level Examination Program (CLEP) Tests administered by the College Entrance Examination Board and/or Proficiency Examination Program (PEP) tests administered by the American College Testing Program will have their records evaluated by the Registrar in accordance with standards established by the appropriate departments to determine proper placement and credit. College credit granted will be treated as credit without a grade; such credit will count toward graduation and may be used in fulfilling requirements. Credit may be allowed as indicated above only if the student was not obliged to use the credit to meet minimum high school graduation requirements.

Students should check with Records or with Testing to determine which Advanced Placement Tests, CLEP Subject Exams, and PEP Exams are honored by Eastern Illinois University and whether essay portions of the exams are required. Only the Natural Sciences test and the Humanities test of the CLEP General Exams may carry credit.

The following conditions apply to the granting of credit for CLEP, PEP, and/or Advanced Placement examinations:

1. Credit will be awarded only if the original test scores are sent directly to Eastern. Credit will not be awarded based on scores listed on another institution's transcript.
2. The applicant may receive credit only once in a given course in a given subject.
3. Credit will not be granted if:
   a. The course substantially duplicates one or more courses accepted for college entrance or for transfer credit.
   b. There is an entry on the applicant's permanent record for the course.
   c. The applicant has earned college credit in one or more courses in the subject more advanced than the given course.
   d. The applicant is currently enrolled in the course or in a course in the subject more advanced than the given course and more than one month of the semester has elapsed.

Credit by Proficiency Examinations

Proficiency examinations, if approved by an academic department, offer the student an opportunity to obtain credit for experience relevant to certain courses, for individual study of subjects, or for study of relevant courses in non-accredited institutions.

Credit by proficiency examination in a course is equivalent to credit earned by enrollment in that course for purposes of satisfying a major requirement,

a minor requirement, a general education requirement, the advanced credit requirement, and the total hours for a baccalaureate degree requirement. It does not apply toward any residence requirement, and is not included in determining honors, probation, GPA, etc.

Proficiency examinations for credit in undergraduate courses are given in accordance with the following rules:

1. The student who desires such credit must first report to the Records Office and complete an application.
2. The applicant must be in good academic standing at Eastern Illinois University.
3. Generally the applicant must be enrolled as a student in the University at the time the application is filed.
4. The applicant may apply only once for a proficiency examination in a given course in a given subject.
5. An applicant is not eligible for credit by proficiency examination in a given course in a given subject if any one or more of the following conditions is satisfied:
   a. The course is a physical education service course.
   b. The course is a foreign language course numbered below 3000 and the applicant is a native speaker of the language.
   c. There is an entry on the applicant's permanent record for that course.
   d. The course substantially duplicates one or more courses accepted for college entrance or for transfer of credit.
   e. The applicant has credit in one or more courses in that subject more advanced than the given course.
   f. The applicant is currently enrolled in the course or in a course more advanced than the given course and more than one month of the semester has passed.
6. The Registrar checks the application, and, if appropriate, certifies the eligibility of the applicant for the requested examination prior to returning the form to the applicant. If the applicant is deemed ineligible, his or her returned application will indicate the reason for ineligibility.
7. The non-refundable fee for a proficiency examination is $10/semester hour; the exam must be taken within two weeks from the date of paying the fee.
8. An eligible applicant must obtain the approval of the appropriate department chairperson before the examination is taken. Generally such approval is contingent upon presentation of evidence of independent study, relevant experience, or relevant study in non-accredited institutions.
9. If the course is ordinarily taught by more than one member of the faculty, a committee of at least two members is appointed by the department chairperson to give the examination and assign the grade. The examination must be comprehensive, and for approval of proficiency credit the grade must be C or higher.
10. The application form is completed and forwarded through the department chairperson and dean to the Registrar.
11. Credit by proficiency examination is entered on the permanent record with "CR" as the grade entry.

Undergraduate Internship Experience For Academic Credit

An internship is a work experience related to the student's major or approved minor. This work experience must be directly related to the potential professional opportunities for graduates with the major or minor. While internships may vary in duration, credit, and requirements, a minimum of one week of full-time employment is required for each semester hour of credit. Therefore, the maximum number of semester hours of credit for an internship is 15 for a regular semester. All internships will be graded on a credit/no credit basis.

Students wishing to register for an internship must secure a form from the department chairperson or division head. Working with a faculty advisor, the student makes arrangements for the work experience and fills out the form. The form is then returned to the chairperson or division head for his/her approval *prior to the first day of classes for a given term.* **Note:** No more than three semester hours of credit may be earned toward a minor. **International Students** must contact the international student advisor prior to registering for an internship.

Independent Study

Independent study enables a student to pursue individual research and reading in a field of special interest under the guidance of a faculty member. As an independent study involves relatively self-directed student effort in the pursuit of some clearly defined goals, it is important for the student to specify the learning objectives of the study. A proposal for an independent study project must be accepted in advance by the faculty member who agrees to serve as the project advisor. The project must also be submitted to the department chairperson for approval prior to the student's registration.

Note: No more than three semester hours may be earned toward a minor.

Undergraduate Academic Waivers

Undergraduate students seeking waivers of academic rules or procedures may obtain waiver forms from their deans, department chairpersons or advisors. It is the student's responsibility to complete the form, obtain the necessary signatures, and present the form to the student's certifying dean for processing. Copies of the guidelines/rules regarding waivers (including submission deadlines) are available in the deans' offices.

If an undergraduate student waiver is denied by the student's certifying dean, the student may submit an appeal (following approved guidelines for submission) to the Registrar, who serves as corresponding secretary for the Undergraduate Academic Waiver Appeals Committee (UAWAC). Decisions made by the UAWAC are final.

Credit/No Credit Option

To encourage students to participate in areas of learning outside their major interests and to stimulate intellectual curiosity, the University has the Credit/No Credit system. *To receive Credit (CR), the grade must be C or better. A grade of D or F will carry a No Credit (NC) designation.* Please note that the Credit/No Credit designations are not figured into students' GPAs. In addition, the following rules apply:

Eligible Students. Sophomores, juniors, seniors.

Procedure. Credit/No Credit option may be requested using Touch-Tone Telephone Registration until the 10th class day of the semester. The time periods for Summer Session, which are reduced proportionately, are established by the Dean, Enrollment Management. Changes from Credit/No Credit to traditional grade status are permitted through the last class day to withdraw from classes.

Limits. A maximum of 12 semester hours of undergraduate coursework may be taken Credit/No Credit with no more than one course in any single subject title and in any single semester or term. For purposes of this regulation, the Summer Intersession and the regular Summer Session are considered a single term and only one course, therefore, may be taken Credit/No Credit in the combined sessions.

Courses offered on Credit/No Credit basis only, as well as one physical education course per semester or term, are not counted against the above limits.

Courses Excluded*:

a. English 0990, 0995;
b. General Education courses;
c. Professional education courses including departmental methods courses required in teacher certification programs;
d. Any course which qualifies as being applicable toward fulfillment of a given major or in the determination of the grade-point average in a given major, as specified in the major requirement description in the catalog, irrespective of whether a student wishes to apply the course to the major or is taking it as an elective. (This exclusion is also applicable to minors.)

(*Does not apply to courses offered only on Credit/No Credit basis.)

Declaring A Major

If an undergraduate is listed as undeclared and wants to declare a major, he/she must do so at the Academic Assistance Center (Blair Hall 100).

If an undergraduate is presently a declared major in another department and wants to change that major or declare a second major, he/she must fill out the appropriate cards in the Registration Office, south basement of McAfee.

Honors Programs

Eastern Illinois University offers the academically talented student the opportunity to take part in two honors programs: University Honors, a lower-division program; and Departmental Honors, an upper-division program. Both University and Departmental Honors Programs offer students of superior academic ability a unique opportunity to develop their potential for intellectual achievement. These programs are intended to aid students in developing such qualities as independence of mind by undertaking an enriched curriculum which provides in-depth studies.

University Honors

The University Honors Program is designed for those who begin as freshmen at Eastern. It provides Honors sections of required General Education courses and upper division colloquia. Students must take a minimum of 25 hours in Honors courses which will substitute on a one-for-one basis for current General Education courses.

Departmental Honors

The Departmental Honors Program permits all eligible students, including transfer students, to participate in this division of the Honors Programs. All Departmental Honors Programs require a minimum of 12 hours of Departmental Honors credit. A senior thesis written under the supervision of Honors faculty is required.

Eligibility

University and Departmental Honors Programs may be open to students who meet at least two of the following criteria:

a. ACT composite of 26 or higher, or SAT (combined Math and Verbal) of 1100 or higher.
b. Upper 10% of high school graduating class.
c. 3.5 grade point average (on a four-point scale) for at least 12 hours of coursework undertaken at Eastern Illinois University.
d. The permission of the Director of the Honors Programs for admission to University Honors; admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator for Departmental Honors.

Grading

Honors faculty grade students against norms established in regular classes. Students should be aware of the fact that as a result of this arrangement they will not be penalized for taking classes with other talented students. Further, the intellectual stimulation of excellent teachers and outstanding classmates, together with smaller classes, tends to be reflected in good grades.

Scholarships

Outstanding participants in the Honors Programs may be awarded scholarships, tuition waivers or housing waivers in recognition of their scholastic abilities.

Housing

McKinney Hall, found in the Gregg Triad Complex, has been designated as an Honors Hall. Honor students who wish to surround themselves with other academically superior students, in an atmosphere conducive to learning, may request this hall.

Honors Study Abroad

Students may apply for Honors Study Abroad opportunities. All classes taken as part of the Honors Study Abroad Program help fulfill University Honors requirements as well as general education obligations.

Classification of Students

Undergraduate students are classified as follows:

Freshmen	0-29 semester hours
Sophomores	30-59 semester hours
Juniors	60-89 semester hours
Seniors	90 and above semester hours

Graduate students are those students who have completed a bachelor's degree at an accredited institution.

Academic Standing

Grades

The grades given in courses are as follows:

Grade	Description	Value
A	Excellent	4
B	Good	3
C	Average	2
D	Poor but Passed	1
F	Failed	0
CR	Credit	--
NC	No Credit	--
AU	Audit	--
I	Incomplete	--
W	Withdrew-- No Grade	--
WP	Withdrew-- Passing	--
WF	Withdrew-- Failing	--
X	No Grade Submitted	--

The grade of "I" for undergraduate students is given only when, because of illness or some other important reason, a student's normal progress in a course is delayed. Such student must secure an instructor-approved plan which will allow completion of work no later than the end of the next grading period in which the student is in residence. If the plan is accomplished, the instructor submits a Removal of Incomplete Form indicating the appropriate grade. The Records Office will cause the incomplete to be changed to an "F" grade unless the instructor has submitted a time extension in writing.

Grade Appeals

Requests to change assigned grades and grade appeals must be initiated by the student through the appropriate instructor no later than the end of the first four weeks of the next grading period in which the student is enrolled.

Basis for Grade Appeals. The bases for an appeal of suspected error in grading are:

1. An obvious error in the calculation of the grade.
2. The assignment of a grade to a particular student by application of more exacting or demanding standards than were applied to other students in the course.
3. The assignment of a grade to a particular student on some basis other than performance in the course.
4. The assignment of a grade by a substantial departure from the instructor's previously announced standards.

This appeal procedure is not to be used for a review of the judgment of an instructor in assessing the quality of a student's work.

All aspects of the grade appeals procedure will be conducted with confidentiality to protect both student and faculty member.

The student must initiate the appeal process by contacting and conferring with the faculty member who gave the contested grade within the first four weeks of the next semester or term in which the student is enrolled. If the student is no longer enrolled at the University, he/she has one calendar year in which to initiate appeal of the contested grade. If the faculty member is not available, the student shall contact and confer with the Department Chair. The Chairperson will provide information to the student to facilitate completion of the grade appeal process.

Grade Point Average[1]

The number of grade points for a grade in a given course is found by multiplying the grade-point value by the number of semester hours which may be earned in the course. The cumulative grade-point average is computed by dividing the total number of grade points which a student has earned in all courses taken at Eastern Illinois University by the total number of semester hours represented by those courses (excluding courses in which a student has grades of "I", "CR", "NC", "W", "WF", "WP", "AU", or "X").

A student reinstated following academic dismissal has the same cumulative GPA status as he/she had at the time of dismissal.

[1]An example of these computations: If grades of A, B, C, D, and F are earned in courses of 2, 3, 4, 1, and 3 semester hours respectively, the grade-point average is computed as follows: Grade A, 2 semester hours yields a grade-point total of 8; grade B, 3 semester hours yields a grade-point total of 9; grade C, 4 semester hours yields a grade-point total of 8; grade D, 1 semester hour yields 1 grade point; grade F, 3 semester hours yields no grade points; and the grand totals are 26 grade points for 13 semester hours. The GPA is then 26 ÷ 13=2.00.

Definition of Grading Period
Any semester or summer term in which a student registers in the University and remains beyond the day on which the official count is taken will be considered a grading period attended.

Good Standing
A student whose cumulative grade-point average is at least 2.00 in courses taken at this University is in academic good standing.

Dean's List
The top 10% of each college with a grade-point average of 3.50 or above in a semester will be on the Dean's List. In order to be eligible, the student must complete at least 12 semester hours during a semester of courses not graded Credit/No Credit and have a declared major.

Honors List
The top 10% of all undeclared majors with a grade-point average of 3.50 or above in a semester will be on the Honors List. In order to be eligible, the student must complete at least 12 semester hours of courses not graded Credit/No Credit.

Dean's Lists and Honors Lists are not generated for Summer Terms.
Note: The calculation of grade-point average for honors determination will be based only on work taken at Eastern Illinois University.

Academic Warning/Probation/Dismissal

The following rules apply to students as soon as they attempt at least nine semester hours of academic courses at Eastern Illinois University. Students who attempted less than nine semester hours prior to Fall 1985 and who were on Probation will be governed by these rules.

Academic Warning
If, at the end of a grading period (semester or summer term), a student's cumulative grade-point average in courses taken at the University falls below 2.00, but not so low as to warrant academic dismissal, that student will be placed on academic warning.

Academic Probation
If, at the end of a grading period (semester or summer term) on academic warning, a student's cumulative grade-point average in courses taken at the University is still below 2.00, but not so low as to warrant academic dismissal, that student will be placed on academic probation.

A student on academic probation must achieve the following grading period grade-point average each grading period until good academic standing is reached or he/she will be academically dismissed:
a. Freshmen and sophomores MUST earn a minimum GPA of 2.10.
b. Juniors and seniors MUST earn a minimum GPA of 2.25.

Academic Dismissal
A student will be academically dismissed if:
a. at the end of **any** grading period the student's GPA is 0.00 and the cumulative GPA is below 2.00; or
b. at the end of **any** grading period the student on academic probation fails to make satisfactory academic progress toward good academic standing as defined under Academic Probation.

Reinstatement Following Academic Dismissal
Students dismissed for poor scholarship must remain out of the University for at least one regular semester. After the inactive semester, students dismissed for the first time will be automatically eligible for reinstatement and may re-enter the University at the beginning of a fall or spring semester provided they indicate their intentions to do so prior to established deadlines. Students dismissed for poor scholarship will not be allowed to re-enter during a summer term. Any student dismissed from Eastern Illinois University for academic reasons must enroll in General Studies 1000 during the term in which he or she re-enters the University as a condition of reinstatement. Reinstated students re-enter the University with the cumulative GPA they had upon dismissal and are placed on academic probation. This probationary status will continue so long as the student satisfies the conditions specified in the section on "Academic Probation." Students failing to make satisfactory progress are dismissed and may not be reinstated a second time except by approval of the Academic Reinstatement Committee.

GPA and Intercollegiate Activities

A student must have a cumulative grade point average of 2.00 or better to participate in intercollegiate activities. Consequently, a student who is on academic probation is not eligible for such participation. This exclusion does not apply to a student on academic warning who has attempted fewer than 30 semester hours at Eastern Illinois University.

Academic Integrity

It is assumed that students will honor the tradition of academic honesty. Should incidents of suspected classroom cheating or plagiarism occur, however, the following steps will be taken:
1. The instructor who has witnessed academic dishonesty or who has other evidence that academic dishonesty has occurred will confront the student to inform him/her of the allegation. Time permitting, the instructor will contact the Judicial Affairs Office prior to talking with the student. If the student admits the violation, the instructor will assess an appropriate academic penalty and will inform the Judicial Affairs Office using an Academic Misconduct Incident Report form.
2. If the student disputes the allegation, or if a sanction greater than a failing grade for the course is warranted, a hearing will be provided by the Judicial Affairs Office in accordance with provisions of the Student Conduct Code. If as a result of the hearing the student is found responsible for the violation, the instructor will assess an appropriate academic penalty. Other sanctions such as disciplinary probationary status or separation from the institution can be imposed by the University's disciplinary system. Full conditions and explanations are cited in the Student Conduct Code. A student accused of academic dishonesty in a course may not drop the course until such time as disciplinary action, if any, is concluded. A grade (A, B, C, D, F, CR, NC, AU, I, W, WP, WF, X) may be changed to reflect the disciplinary sanction, if any, imposed as a result of academic dishonesty. In the event that the alleged violation occurs at the end of a term, no grade shall be assigned pending conclusion of the disciplinary process. There is a Student Conduct Code and all students are subject to it.

Academic Load

For purposes of certifying that a student is full time *academically*, such student must be enrolled for at least 12 semester hours each semester and at least six semester hours during a summer term.

For loan deferments, a student must be enrolled in 12 semester hours during Summer Term for full-time or six semester hours for half-time.

Undergraduate Student in Good Standing
Normal Load: The normal load during a semester is 15-18 semester hours. *Maximum Load-- Student Teaching Semester*: Students may enroll for no more than 15 semester hours during the semester in which they do student teaching except Special Education majors and Junior High Education majors with a Field II in Special Education who may enroll for a maximum of 16 semester hours.

Summer Term: The normal load during an eight-week summer term is 10 semester hours, during the five-week session is six semester hours, and during the intersession is five semester hours. A student may take 15 semester hours in a combination of the intersession and the eight-week term, 11 semester hours in a combination of the intersession and the five-week term, a total of 10 semester hours in a combination of the eight-week term and the five-week term. Overloads are not permitted during the summer.

A student teacher may enroll for as many as 12 semester hours during a summer term providing the entire 12 semester hours are in Teaching Practicum.

A student may enroll for as many as 12 semester hours in a summer internship course providing the internship is a full-time experience of 10 weeks or more.

Semester Overload: An undergraduate student with a minimum of sophomore standing may enroll for up to and including 21 semester hours during the fall or spring semesters providing he/she has earned the following cumulative grade-point average at Eastern Illinois University:

Freshman	No overload
Sophomore	3.00
Junior	2.75
Senior	2.50
Senior with less than 2.50	permission of the dean of the appropriate college.

No student may enroll for more than 21 semester hours.

Concurrent Enrollment. The above academic load limits also apply to a student who is concurrently enrolled at Eastern and another college or university.

Undergraduate Student on Academic Warning or Academic Probation: The maximum load for which an undergraduate student on academic warning or academic probation may enroll is 15 hours during a semester.

An undergraduate student on academic warning or academic probation may enroll for no more than eight semester hours during an eight-week summer term, five semester hours during a five-week summer term, and three semester hours during an intersession. Within these limits, such a student is subject to a maximum of 11 semester hours for any combination of intersession, eight-week session and five-week session.

Course Enrollment

A student may not enroll in, take a proficiency examination in, or repeat a course which is prerequisite for a course for which he/she has credit or which substantially duplicates, at a lower level, a course or courses which he/she has successfully completed. Should a student violate this regulation, he/she will not receive credit for the course toward graduation and the grade will not be included in any grade point computations.

Generally, courses numbered 1000-1999 are freshman courses; 2000-2999, sophomore courses; 3000-3999, junior courses; 4000-4999, senior courses; and 5000-6999, graduate courses. However, if prerequisites are met, students may enroll according to the following schedule:

CLASS	COURSES NUMBERED				
Freshman	1000	2000	a	a	
Sophomore	1000	2000	3000	a	
Junior	1000	2000	3000	4000	
Senior	1000	2000	3000	4000	5000-5499b
Graduate		4750-4999		5000-6999	

a. Courses numbered 3000-4999 in chemistry, foreign languages, mathematics, and military science may be taken by students who have prerequisites and permission of the department chairperson.

b. Courses numbered 5000-5499 may be taken by students who have a 2.75 GPA and permission of instructor and Dean of the Graduate School.

Repeating Courses

All Students

A student who repeats a course in which he or she has already earned a grade of A, B, C, or CR cannot count subsequent credit in the course toward graduation or in any grade point calculation unless otherwise indicated in the course description or approved by waiver.

Students Enrolled Prior to Fall 1981

A student who receives a grade of D in an undergraduate course may repeat the course only once. A student who receives a grade of F may repeat the course until passed. The initial grade as well as grades received for repeats will be included in the computation of the cumulative grade point average.

Students Entering Fall 1981 and Thereafter

A student who receives a grade of D or F in an undergraduate course may repeat the course. The higher of the two grades received for the course will automatically be included in the computation of the cumulative grade point average. The initial grade and the repeat grade will appear on the student's record. Grades for subsequent repeats of a course will both appear on the student's record *and* be included in the computation of the cumulative grade point average.

The student must not have been enrolled in or received credit for a higher level course for which the repeat course is a prerequisite, nor may he/she repeat a course which substantially duplicates, at a lower level, a course or courses which he/she has already successfully completed.

Auditing of Courses

Fees for auditing are the same as those for students taking an equivalent amount of work for credit.

Students enrolled for full-time academic work must include any courses they wish to audit as part of the maximum load permitted them; change of enrollment from "audit" to "credit" or from "credit" to "audit" may be made only during the six calendar days following the first day of classes.

Students must have the approval of the instructor for auditing a course. If, in the opinion of the instructor, student exposure and effort expended in the course deserve the entry of Audit, the student will receive the course entry "AU" on his/her permanent record. If not, no entry will be made.

Class Attendance

Students are expected to attend class meetings as scheduled. When an absence does occur, the student is responsible for the material covered during the absence. When possible, the student should notify the instructor in advance of an anticipated absence.

Instructors will grant make-up privileges (when make-up is possible) to students for properly verified absences due to illness, emergency, or participation in an official University activity; and such absences will not militate against students in classes in which attendance is used directly in determining final grades. It is the student's responsibility to initiate plans for make-up work and to complete it promptly. If in the instructor's judgment the duration or number of absences renders make-up unfeasible, the instructor may contact the Vice President for Student Affairs and the Department Chairperson to determine an appropriate action.

Except for the above stipulations, each instructor sets his or her own policy with respect to class attendance and make-up work; excuses for absence are handled between the instructor and the student. At the beginning of each grading period, the instructor shall announce, in writing, his or her policy regarding absence, make-up, and late work. Instructors planning to use attendance directly in determining final grades must have written departmental approval and must indicate this intention and the reason, in writing, on the first day of class.

If the instructor believes verification of an illness treated by the University Health Service is warranted, the instructor must ask the student to sign a release at the Health Service so that the instructor can call for verification. If a student establishes a record or pattern of absences of concern to the instructor, the instructor may ask the Vice President for Student Affairs to make inquiries concerning the absences. The Vice President for Student Affairs also serves as the University contact person when catastrophic events result in extended student absences.

Any student who feels that he or she has been treated unfairly concerning absences or has been misinformed by a faculty member regarding that instructor's absence policy shall have the right to appeal through the department Chairperson, or in the event the instructor is the Chairperson, through the appropriate Dean.

Field Trips

Field trips which are required class activities are stated with the course description and announced in the class schedule when the course is offered. The cost of the field trip will also be included in the class schedule.

Final Examination Changes

The final examination schedule is published in the *Class Schedule* prior to the beginning of each term. Students are urged to review the schedule prior to registration to avoid conflicts.

Students with three final examinations on a single day may change the date of one of the final examinations with the approval of the instructor.

Requests must be made at least five working days prior to the first final exam period. Requests for changes for medical or personal emergencies may also be considered. In cases not resolved between the student and the instructor, the Dean, Enrollment Management, will seek resolution.

Students should not request deviation from the published schedule. Requests for changes in times of final exams, other than for reasons of three exams in one day or documented medical/personal emergency situations, will ordinarily not be approved.

Withdrawal From A Course

1. During a Fall or Spring Semester, a student may withdraw from a course by 4 p.m. on the 10th class day and not receive a grade.
2. From the 11th class day until the close of business on the Friday of the ninth class week of the semester, a student may withdraw from a course with a grade of "W".
3. A student who withdraws after the Friday of the ninth class week but by the Friday of the 11th class week of the semester shall receive a grade of "WP" if work in the course is passing, or a grade of "WF" if work in the course is failing. No student may initiate withdrawal from a course later than the Friday of the 11th class week of the semester. Cutoff dates for intersession and summer terms are reduced proportionately. Specific withdrawal dates are established for each term. These dates are published in the class schedule for the appropriate term.

For information regarding the billing of tuition and fees, see the REFUNDS section of this catalog.

Withdrawal From The University

Rules governing grading practices upon withdrawal from the University are the same as those listed above for withdrawal from a course. For information regarding the billing of tuition and fees, see the REFUNDS section of this catalog.

A student who wishes to completely withdraw from the University before the end of a semester or summer term should contact the Registration Office. The Registration Office shall notify appropriate departments and agencies of the withdrawal. The student is responsible for making sure all obligations to the University have been met.

Notice of intention to withdraw should be made in person, although a letter addressed to the Registration Office, declaring intention to withdraw and postmarked within the stated period, is deemed equivalent to notice submitted personally.

Policies governing withdrawal because of a call to active military duty are administered by the Dean, Enrollment Management. Requests for complete withdrawal for medical reasons are processed by the Medical Director, University Health Service.

Oral English Proficiency

Eastern Illinois University has adopted a program of Oral English Proficiency Assessment for all instructional staff. Students who have difficulty understanding an instructor should, if possible, first consult with the instructor. In the event that the difficulties are not resolved, the student should address his/her concerns to the Chair of the department in which the instructor is teaching. Subsequent appeals may also be possible through the Dean and then to the Provost/Vice President for Academic Affairs.

Assessment

All students admitted to Eastern Illinois University are expected to participate in a variety of assessment activities. For first-time freshmen and transfer students with fewer than 30 semester hours of credit, basic skills are evaluated through ACT scores and instruments developed by the University. Placement in courses such as General Studies 1000, English 1000, and Mathematics 1000 may be required. Transfer students with more than 30 semester hours of acceptable credit may be required to undergo assessment of basic skills as is deemed necessary.

During their tenure at the University, students will be expected to participate in various forms of assessment of academic progress and of academic programs. Students are a unique source of information relative to the effectiveness of academic experiences and as such have much to contribute to the continual improvement of University academic programs.

GRADUATION REQUIREMENTS

Responsibility of Students

It is the responsibility of the student to know and to observe the requirements of his/her curriculum and the rules governing academic work. Although the advisor will attempt to help the student make wise decisions, the ultimate responsibility for meeting the requirements for graduation rests with the student.

Requirements for the Bachelor's Degree:

Official course requirements for baccalaureate degrees are given in Section VIII. To achieve a baccalaureate degree, the student must:

1. Successfully complete the General Education Requirements listed in detail in Section VI. Eight (8) hours of upper division general education courses are required, two hours of which will be Senior Seminar.[1, 3]
2. Successfully complete one of the degree programs listed in detail in Section VIII, "College Descriptions and Program Requirements," and attain a minimum GPA of 2.00 in his/her major area. *A GPA of at least 2.50 both cumulative and in the major is required for graduation from a teacher education program. Other curricula may also require a cumulative GPA higher than 2.0 for acceptance to and/or graduation. Consult the catalog description for specific information.*
3. Successfully complete 120 hours with a CGPA of 2.0 in all courses attempted.
4. Successfully complete at least 40 semester hours in upper division courses (3000-4000 numbered courses).
5. Earn a minimum of 42 semester hours in residence with a minimum of 32 in the junior and senior years, 12 of which must be in residence during the senior year. Cooperative degree candidates must complete 38 semester hours in residence.
6. Successfully complete the Constitution element of the General Education Integrated Core.
7. Successfully complete two courses in a single foreign language.[2]
8. Earn a "C" or better in English 1001C, English 1002C, and Speech Communication 1310C or in accepted substitutions.
9. Successfully complete the Writing Competency Examination which is to be taken after a student has 60 semester hours of credit, including credit for English 1001C and 1002C, or in accepted substitutions.[3]
10. Successfully complete a cultural diversity course that would be met by the Foundations of Civilizations Segment of the Integrated Core or by any course on this list formulated by the Council on Academic Affairs:

    African-American Studies 2000; Anthropology 3602, 3611; Art 2012C, 2300, 2650C, 3340C, 3610C; English 2705, 2850, 3009C, 4750, 4850; History 1400, 2100, 3250, 3255, 3260, 3300, 3510, 3520, 4850; Journalism 3951; Music 2012C, 2556C, 3562C, 3553C; Philosophy 2010; Political Science 3343, 3383; Psychology 4700; Sociology 2840; Theatre Arts 2012C, 2140C, 3751C, 3755; Women's Studies 2309C.

11. A transfer student must successfully complete a minimum of 12 semester hours in residence in courses applicable to the GPA in his/her major discipline.
12. A transfer student must successfully complete a minimum of 56 semester hours applicable to a baccalaureate degree in senior institutions, with at least 42 semester hours earned at EIU.

[1] A single two-semester-hour senior seminar must be taken in an area outside the student's major. The intent of such a seminar is to expose the student to contemporary issues which affect society. The course will require participation in discussions, reading, and written assignments. The specific courses change each semester; individual sections are listed by title and instructor in each registration schedule.

[2] Students entering as freshmen in Fall, 1993 and thereafter must have completed two years in a single foreign language in high school with an average grade of C or better for the two years' work in order to have satisfied this requirement.

[3] Students completing cooperative degree programs, i.e., Engineering and Medical Technology, will be required to take the writing proficiency examination but will not be required to take a senior seminar because the terminal year is taken off-campus in cooperative programs. The upper-division general education requirement in these programs is thus reduced to six hours.

Requirements for Two Majors Within a Degree

An undergraduate student shall indicate the major program for which the appropriate bachelor's degree will be awarded when all degree requirements have been met. This shall be recorded as the "degree major."

An undergraduate student who has declared a "degree major" may earn a "second major" by completing the requirements for that second major as listed in the catalog. Only one degree will be awarded-- that degree to be determined by the "degree major." Both majors will be listed on the student's transcript.

Depending on the degree requirements and the student's background, a "second major" may, in many cases, be earned with a minimum of 120 semester credits. However, in some cases a student may need to complete more than 120 semester credits to be entitled to the notation of the "second major."

It is the student's responsibility to indicate the "degree major" and a "second major," if any, at the time of application for graduation. Certification for graduation is a dual process: the dean responsible for the "second major" certifies that requirements for that major have been met; final responsibility for certification for graduation lies with the dean responsible for the "degree major."

Requirements for Two Bachelor's Degrees

A student will be awarded all degrees for which he/she has completed requirements, except that the Board of Governors B.A. degree may not be awarded simultaneously with another degree or awarded to a student who already holds a bachelor's degree.

Simultaneous Degrees: A student who is currently enrolled at Eastern Illinois University may apply for and receive two bachelor's degrees at the same time by making arrangements with the appropriate certifying dean(s). The degrees may be the same (e.g., two B.A. degrees) or different (e.g., a B.A. degree and a B.S. degree). All specified major requirements for both degrees must be met as well as the general requirements for the bachelor's degree. The program of study must include a minimum of 150 semester hours of courses with at least 60 of these hours in upper-division courses (3000-4000 courses) and with at least 72 of the 150 semester hours completed at Eastern Illinois University. *All requirements for both degrees must be completed at the time of graduation.*

Consecutive Degrees: A student who has already received a bachelor's degree from Eastern Illinois University, or from another regionally accredited college or university, may receive a second bachelor's degree from Eastern Illinois University. All specified major requirements for the second degree must be met, and the program of study completed for the second degree must include at least 30 semester hours of courses taken at Eastern Illinois University after the granting of the first degree. At least 20 of the 30 hours presented for the second degree must be upper-division courses (3000-4000 level courses) with at least 12 semester hours of work in courses applicable to determining the GPA (grade point average) in the major. Admission is through the Graduate Office.

Optional Catalog Requirements

A native student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time of his/her entrance to the University or under the requirements stated in a subsequent catalog published prior to his/her graduation.

An undergraduate transfer student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at Eastern Illinois University by more than three years. Such a student may choose to graduate under subsequent catalogs on the same basis as native students.

The catalog options for a student who was concurrently enrolled at any college while still enrolled in high school begin with the catalog in effect during the first semester of college enrollment subsequent to graduation from high school.

In no case may a student combine or choose various requirements from several catalogs in order to achieve minimal curriculum. During periods of transition, deans, in consultation with department chairpersons, are authorized to make such curriculum adjustments to graduation plans as will insure academically meaningful programs. Copies of all such authorizations must be filed with the Records Office.

Commencement

Degrees are granted at the close of the Fall and Spring Semesters and Summer term. Students entitled to participate in commencement exercises are those whose current enrollment in correspondence, continuing education, and residence at this University or elsewhere makes possible the completion of all graduation requirements by the close of the semester or summer term in which commencement is held.

Application for Degree Requirements Review

Students should apply for review of their degree requirements by the first semester of the junior year. A student may expect to receive a Degree Requirements Review, indicating the student's progress toward completion of degree requirements. Application forms are available in the certifying dean's office. The application form is completed by the student, approved by the certifying dean, and validated by the Cashier when the non-refundable graduation fee is paid.

Graduation Fee

The graduation fee for the bachelor's degree is $15. This fee must be paid at the time the student initially applies for a Degree Requirements Review (see above) and does not include the cost of cap and gown rental.

Completion of Graduation Requirements

All requirements for degrees must have been completed by the close of the grading period in which graduation is sought. It is the student's responsibility to notify the Records Office and the certifying dean of any courses being taken at other institutions which will complete the requirements for graduation. Documentary evidence that all degree requirements have been completed must be in the Records Office no later than the Friday immediately preceding the first day of the next succeeding semester or term following the Summer Term or Fall Semester graduation and no later than May 31 following Spring Semester graduation. The diploma will not be given to the student and the conferral of the degree will not be recorded on the student's permanent record until all such documents have been received.

If the student does not complete graduation requirements at the end of the grading period, he/she must make re-application for graduation. No additional fees will be charged.

The deadline date for applying for graduation is listed in the calendar in the University Catalogs and/or class schedules.

Degrees with Distinction

To be eligible for a degree with distinction, a student must have completed at least 56 semester hours of coursework at Eastern Illinois University, including at least 40 semester hours of graded courses (exclusive of work taken on the Credit/No Credit Option). The 56 semester hours at Eastern Illinois University and the 40 semester hours of graded courses may not be waived.

Eligible students who have a cumulative grade-point average of 3.90 to 4.00 are graduated **summa cum laude;** those with a cumulative grade-point average of 3.80 through 3.89 are graduated **magna cum laude;** and those with a cumulative grade-point average of 3.65 through 3.79 are graduated **cum laude.** Students who qualify for degrees with distinction wear an appropriate chevron as part of their academic attire at commencement and their names appear in the commencement program as being awarded Degrees with Distinction. All grades earned at Eastern Illinois University are counted in computing the cumulative grade-point average. Grades earned during the final grading period are not used for compiling the tentative list developed for commencement. Transcript notations of graduating **cum laude, magna cum laude,** and **summa cum laude** are based on the student's total cumulative grade-point average, including the final grading period.

Note: The calculation of grade-point average for degrees with distinction will be based **only** on work taken at Eastern Illinois University.

Teacher Certification

Candidates for certification as teachers, administrators, or school service personnel should apply for certification early in the term in which they will complete their requirements. The University, however, will not approve and release the application until all work actually has been completed and the student has met all requirements of the appropriate program and degree.

Special Examinations

Seniors, depending upon their area of concentration, are encouraged to take one of the following examinations:

a. For students in the Elementary and Junior High School Curriculum: The National Teacher Examination Core Battery Tests.

b. For students in the Secondary School Curriculum: either the NTE or the GRE.

c. Students who plan on attending graduate school are encouraged to contact the Graduate School Office for information concerning graduate school admissions tests. (GRE, GMAT, MAT, etc.)

Transcripts

The Records Office will make a transcript of the academic record of a student when requested to do so. Unless specific instructions are given to the contrary, it is understood that the Records Office has permission of the student to send his/her transcript to employing and certifying agencies, such as schools, boards of education, businesses, and the state department of education, when such an agency requests it.

All requests for transcripts must be in writing, either by letter or on the request form supplied by the Records Office. The time required for preparation and mailing of transcripts varies; during enrollment and at the end of grading periods there may be a delay of several days.

A fee of $4 is charged for each transcript issued. The fee for rush transcripts, processed within 24 hours, is $10.00. Transcripts will be issued only for students whose records are clear.

VI

General Education

Effective Fall, 1992:
General Education at Eastern Illinois University

Eastern Illinois University defines General Education specifically as that part of the university educational experience that provides students with intellectual, aesthetic, and cultural foundations essential to their development as productive citizens and leaders in a democratic society.

The purpose of General Education is to develop students' ability to listen and read critically; to inquire, analyze, and think independently; and to communicate clearly and effectively. General Education provides individuals with a body of knowledge with which they can make informed decisions, come to respect the diversity in human values as well as the dignity and responsibility of the individual, understand western culture, and explore the diversity of cultural perspectives. Through General Education, students should experience and appreciate the variety of ways of knowing. Above all, General Education should foster the desire for lifelong learning.

The specific objectives of the General Education program are to develop the following nine traits and abilities:

1. **Literacy:** listening and reading with comprehension; writing and speaking in standard English.
2. **Reasoning ability:** logical, critical, independent thinking and inquiry; evaluation and processing of oral, written, and visual information; decision making; recognition of relationships, of similarities and differences.
3. **Quantitative analysis and problem solving:** understanding numerical, graphical, and statistical data; recognizing the use and misuse of data; developing sufficient skills to analyze, manipulate, and interpret data.
4. **Historical consciousness:** comprehension of those forces and events that have shaped our nation and the world.
5. **Scientific awareness:** understanding the nature and methods of science, its reliability and its limitations; the demystification of science and technology; the economic, social, political, and ethical implications of science and technology; learning how to confront dilemmas that science and technology create.
6. **Social responsibility:** learning to relate meaningfully to others; assessing the impact of racial and ethnic prejudices on attitudes and behaviors; developing the capacity to make informed, responsible, individual and social judgments which provide for the judicious resolution of social conflicts; recognizing and accepting the privileges and responsibilities of democratic citizenship; understanding the contributions of physical, social, intellectual, and emotional well-being and sense of self to the quality of community life.
7. **Aesthetic literacy:** an awareness, appreciation, and understanding of the contributions of the arts to past and present cultures.
8. **Multicultural awareness:** an understanding of the diversity of cultures and experiences that characterize the western and non-western worlds and the many forms of expression of that diversity.
9. **Intellectual curiosity:** appreciation of knowledge for its own sake, development of interest in intellectual and aesthetic matters sufficient to motivate continuing self-directed learning.

The General Education program is constantly undergoing assessment by the faculty who participate in it. The General Education Assessment Committee coordinates these activities and provides recommendations to the Council on Academic Affairs relative to the effectiveness of the program.

The Integrated Core

The General Education curriculum consists of an integrated core of experiences which will introduce students to essential knowledge and encourage them to make connections across disciplines. The goal of the Integrated Core is a liberal education; the courses within it deal with universal experiences without which human relationships are diminished and the quality of life reduced.[1]

Students should note that eight semester hours of upper division core courses are required. Each course offered in the Integrated Core is writing-intensive.

[1] This definition is derived from Ernest L. Boyer's discussion of general education in *College: The Undergraduate Experience in America* (NY: Harper and Row, 1987) 91.

Courses of the Integrated Core Listed by Segment: *(Course descriptions are found in Section XI.)*

Cultural Experience

(6 Semester Hours)

The requirement is two courses, one in the fine arts and one in either literature or philosophy.

Fine Arts Component

Art

2010C - Arts Omnibus. (2-2-3)
2012C - Nonwestern Fine Arts. (3-0-3)
2310C - Introduction to Art. (1-4-3)
2330C - Art Appreciation. (3-0-3)
2390C - Introduction to Art, Honors. (1-4-3)
2650C - Images and Ideas. (3-0-3)
2690C - Images and Ideas, Honors. (3-0-3)
3340C - Multicultural Aesthetics. (1-4-3)
3610C - African Art. (3-0-3)

Music

2010C - Arts Omnibus. (2-2-3)
2012C - Nonwestern Fine Arts. (3-0-3)
2555C, 2556C, 2557C - Experiencing Music 1, 2, 3. (3-0-3)
3553C - Survey of Musical Masterworks. (3-0-3)
3562C - Nonwestern Music. (3-0-3)
3592C - Nonwestern Music, Honors. (3-0-3)
3593C - Survey of Musical Masterworks, Honors. (3-0-3)

Physical Education

2900C - International Expression for Dance. (3-0-3)

Theatre Arts

2010C - Arts Omnibus. (2-2-3)
2012C - Nonwestern Fine Arts. (3-0-3)
2140C - World Theatre and Society. (3-0-3)
2190C - World Theatre and Society, Honors. (3-0-3)
3754C - American Theatre on Film. (3-1-3)

Philosophy and Literature Component

English

2009C - Literature and Human Values 1, 2, 3, 4. (3-0-3)
2011C - Literature, the Self and the World 1, 2, 3. (3-0-3)
2091C - Literature, the Self, and the World 1, 2, 3, Honors. (3-0-3)
2099C - Literature and Human Values 1, 2, 3, 4, Honors. (3-0-3)
3009C - Myth and Culture. (3-0-3)
3010C - Literary Masterworks. (3-0-3)
3090C - Literary Masterworks, Honors. (3-0-3)
3099C - Myth and Culture, Honors. (3-0-3)

Philosophy

1500C - Culture and the Human Person. (3-0-3)
1590C - Culture and the Human Person, Honors. (3-0-3)

Theatre Arts

3753C - Development of American Theatre and Drama. (3-0-3).
3793C - Development of American Theatre and Drama, Honors. (3-0-3)

Foreign Languages

Two courses

The requirement is completion of the second course in the elementary sequence: 1102C. Exemption: Students entering as freshmen in Fall, 1993 and thereafter must have completed two years in a single foreign language in high school with an average grade of C or better for the two years' work in order to have satisfied this requirement.

Communication Disorders & Sciences

2010C - Language and Culture of the Deaf I. (3-0-3)
2020C - Language and Culture of the Deaf II (3-0-3)

Foreign Languages
(French, German, Latin, Russian, Spanish)
1101C - Elementary (*Language*) I. (4-0-4)
1102C - Elementary (*Language*) II. (4-0-4)

Foundations of Civilizations

(3 Semester Hours)

Art
3620C - The Historical Context of Art Production. (3-0-3)
3690C - The Historical Context of Art Production, Honors. (3-0-3)

English
3100C (2100C) - Cultural Foundations I. (3-0-3)
3110C (2200C) - Cultural Foundations II. (3-0-3)

Geography
1100C - Cultural Geography. (3-0-3)
1190C - Cultural Geography, Honors. (3-0-3)

History
1500C - Historical Foundations of Civilizations: Ancient to 1300. (3-0-3)
1501C - Historical Foundations of Civilization: Early, 1300 to 1800. (3-0-3)
1502C - Historical Foundations of Civilization: Modern from 1700 (3-0-3)
1590C - Historical Foundations of Civilizations: Ancient to 1300, Honors. (3-0-3)
1591C - Historical Foundations of Civilizations: Early, 1300 to 1800, Honors. (3-0-3)
1592C - Historical Foundations of Civilizations: Modern from 1700, Honors. (3-0-3)

Philosophy
3100C - Cultural Foundations I. (3-0-3)
3110C - Cultural Foundations II. (3-0-3)

Theatre Arts
3751C - Theatre and Civilization I. (3-0-3)
3752C - Theatre and Civilization II. (3-0-3)

Human Behavior, Social Interaction, and Well-Being

(6 Semester Hours)
Courses must be selected from two different clusters.

Cluster I: Courses which address society and its problems from empirical and theoretical perspectives.

Anthropology
2200C - The Anthropological Perspective. (3-0-3)
2290C - The Anthropological Perspective, Honors. (3-0-3)

Educational Foundations
2171C - Schools, Citizens and Society. (3-0-3)

Geography
1200C - World Regional Geography. (3-0-3)
1290C - World Regional Geography, Honors. (3-0-3)

Journalism
2001C - Journalism and Democracy. (3-0-3)
2091C - Journalism and Democracy, Honors. (3-0-3)

Political Science
2253C - Global Politics and Interdependence. (3-0-3)
2293C - Global Politics and Interdependence, Honors. (3-0-3)

Psychology
1879C - Principles of Psychology (3-0-3)
1890C - Principles of Psychology, Honors. (3-0-3)

Sociology
2750C - Social Problems in Contemporary Society. (3-0-3)
2890C - Social Problems in Contemporary Society, Honors. (3-0-3)

Speech Communication
2001C - Media, Society and the Individual. (3-0-3)
2091C - Media, Society and the Individual, Honors. (3-0-3)

Cluster II: Courses which address the quality of human interaction from the theoretical and empirical perspectives.

College of Sciences
3001C - Survival of Humanity: The Future of Society. (3-0-3)

Economics
2800C - Economics of Social Issues. (3-0-3)

History
3700C - Turning Points in the History of Religion and Science. (3-0-3)
3790C - Turning Points in the History of Religion and Sciences, Honors. (3-0-3)

Philosophy
2500C - The Good Life: Theory and Practice. (3-0-3)
2590C - The Good Life: Theory and Practice, Honors. (3-0-3)

Women's Studies
2309C - Women, Men, and Culture. (3-0-3)

Cluster III: Courses which investigate well-being or focus on the vital elements of it.

Family and Consumer Sciences
2472C - Nutrition and Well-Being. (3-0-3)
2492C - Nutrition and Well-Being, Honors. (3-0-3)

Health Studies
2000C - Principles of Human Health. (3-0-3)

Physical Education
2850C - Fitness for Life. (2-2-3)
2890C - Fitness for Life, Honors. (2-2-3)

Language

(9 Semester Hours)
The requirement is three courses: two in reading and writing and one in listening and speaking. These courses are graded A, B, C, N/C; courses transferred in fulfillment of these requirements will be accepted only if they were completed with grades of "C" or higher.

English
1001C - Composition and Language. (3-0-3)
1002C - Composition and Literature. (3-0-3)
1091C - Composition and Language, Honors. (3-0-3)
1092C - Composition and Literature, Honors. (3-0-3)

Speech Communication
1310C - Introduction to Speech Communication. (3-0-3)
1390C - Introduction to Speech Communication, Honors. (3-0-3)

Quantitative Reasoning and Problem Solving

(3 Semester Hours)

Mathematics
1160C - Mathematics, A Human Endeavor. (3-0-3)
1170C - Problem Solving. (3-0-3)
1180C - The Historical Development of Mathematics. (3-0-3)

1441C - Calculus and Analytic Geometry I. (5-0-5)
1491C - Calculus and Analytic Geometry I, Honors. (5-0-5)
2110C - Brief Calculus with Applications. (3-0-3)
2120C - Finite Mathematics. (3-0-3)
2190C - Finite Mathematics, Honors. (3-0-3)
2250C - Elementary Statistics. (4-0-4)
2290C - Elementary Statistics, Honors. (4-0-4)
2420C - Introductory Geometry. (3-0-3)

Philosophy
1900C - Logical and Critical Reasoning. (3-0-3)
1990C - Logical and Critical Reasoning, Honors. (3-0-3)

Scientific Awareness
(8 Semester Hours)
The requirement is at least one course in the biological sciences and one in the physical sciences. At least one of the courses must be a laboratory course.

Biological Sciences
Biological Sciences
1001C - Biological Principles and Issues. (2-2-3)
1091C - Biological Principles and Issues, Honors. (2-2-3)

Botany
1000C - Practical Botany. (1-2-2)
1010C - General Botany. (2-2-3)
1050C - The Plant World. (2-2-3)
1090C - The Plant World, Honors. (2-2-3)
2000C - The Mystery of Microbes. (2-2-3)

Environmental Biology
3010C - Environmental Life Science. (3-0-3)
3090C - Environmental Life Science, Honors. (4-0-4)

Zoology
1001C - Life of Animals. (2-2-3)
1020C - Animal Diversity. (3-2-4)
1091C - The Life of Animals, Honors. (2-2-3)
2001C - Human Physiology. (2-2-3)
3001C - Heredity and Society. (2-0-2)
3002C - Origin and Extinction (2-0-2)
3091C - Heredity and Society, Honors. (3-0-3)

Physical Sciences
Chemistry
1040C - The World of Chemistry. (3-2-4)
1410C - General Chemistry II. (3-0-3)
1415C - General Chemistry Laboratory II. (0-3-1)
1510C - General Chemistry II. (3-0-3)
1515C - General Chemistry Laboratory II. (0-3-1)
1590C - General Chemistry II, Honors. (3-0-3)
1595C - General Chemistry Laboratory II, Honors. (0-3-1)
2040C - Practical Chemistry. (2-0-2)
3040C - Developments in Science and Technology. (3-0-3)

Earth Science
1300C - Earth Sciences. (2-2-3)
1390C - Earth Sciences, Honors. (2-2-3)
1400C - Weather and Climate. (3-2-4)
1490C - Weather/Climate, Honors. (3-2-4)
3010C - Environmental Physical Science. (2-0-2)
3015C - Environmental Science Laboratory. (0-2-1)
3450C - Oceanography (3-0-3)

Geology
1300C - Earth Sciences. (2-2-3)
1390C - Earth Sciences, Honors. (2-2-3)
3010C - Environmental Physical Science. (2-0-2)
3015C - Environmental Science Laboratory. (0-2-1)
3300C - Science and Technology: A Promise or a Threat? (3-0-3)
3450C - Oceanography. (3-0-3)

Industrial Technology
2200C - Materials Science. (2-0-2)
3300C - Science and Technology: A Promise or a Threat? (2-0-2)

Physics
1050C - Adventures in Physics. (3-2-4)
1051C - Physics of the Modern World. (3-0-3)
1054C - Descriptive Astronomy. (2-2-3)
1160C - Principles of Physics II. (3-2-4)
1360C - General Physics II. (3-3-4)
2200C - Materials Science. (2-0-2)

Senior Seminar
(2 Semester Hours)
(To be taken after the student has completed 75 semester hours)
Senior seminars are offered in a number of subjects and disciplines each semester, each one organized around a particular subject/issue important to contemporary society. Each seminar is listed by title and instructor in the schedule of courses each semester. The student must successfully complete a seminar outside of his or her major. Majors excluded from each seminar are given in each course description (see Section XI.).

The Senior Seminar is designed to be a cross-disciplinary capstone experience and an integral part of the core curriculum. Since these courses are conducted as "seminars," students are required to further develop their analytical and critical skills through a very intensive reading and writing component and through extensive and concentrated class discussions and debate, in a specialty beyond their particular discipline. These seminars promote an open approach to the ideas presented and their role in society, with particular emphasis on their relationship to other disciplines. An enrollment cap allows this particular approach and provides an unusual, if not unique, experience for most undergraduate students.

4000C - Controversial Issues in Education. (2-0-2)
4001C - Technology and Society. (2-0-2)
4002C - Controversial Issues in the Health Care Industries. (2-0-2)
4003C - Spaceship Earth: The Present State. (2-0-2)
4005C - The Politics of Human Rights. (2-0-2)
4006C - The Romantic Vision. (2-0-2)
4007C - Contemporary Issues in American Education. (2-0-2)
4008C - The Changing World of Women. (2-0-2)
4009C - Search for the American Dream. (2-0-2)
4010C - Frontiers of Communication. (2-0-2)
4011C - Plants and Civilization. (2-0-2)
4012C - Women and Technology. (2-0-2)
4013C - Perspectives in Women's Issues. (2-0-2)
4014C - High Technology: Implications for Families and Individuals. (2-0-2)
4015C - War in the Modern World. (2-0-2)
4016C - Labor and Management in American Education. (2-0-2)
4017C - The Black Woman: Myth and Reality. (2-0-2)
4018C - Sociobiology: The Biological Origins of Social Practices. (2-0-2)
4019C - Origin and Extinction: The Universe and Man. (2-0-2)
4021C - Leisure Time: The American Perspective. (2-0-2)
4023C - Social Movements, Crowds, and Violence. (2-0-2)
4024C - Computers and Society. (2-0-2)
4025C - Multi-Cultural Elements in American Society. (2-0-2)
4027C - Preventing Future Wars: The Politics of Security. (2-0-2)
4030C - Communication Strategies for a Changing World. (2-0-2)
4031C - Science vs. Humanity. (2-0-2)
4033C - A Literary Tour of England, Honors. (4-0-4)
4034C - Political Revolutions. (2-0-2)
4036C - Conflict Management Through Non-Violence. (2-0-2)
4037C - A Lincolnian View of American Democracy. (2-0-2)
4039C - The Holocaust, Honors. (4-0-4)
4042C - Telecommunication Issues Toward the Third Millennium. (2-0-2)
4043C - Leadership: Theory and Practice, Honors. (4-0-4)
4047C - Health Communication Issues. (2-0-2)
4048C - Film and Contemporary Society, Honors. (4-0-4)
4049C - The Future of Humanity. (2-0-2)

4051C - Nutrition Dilemmas and Decisions. (2-0-2)
4052C - New Horizons in Communication, Honors. (4-0-4)
4053C - Political Revolutions, Honors. (4-0-4)
4054C - Classicism, Romanticism, and Realism: Styles of the Arts, Honors. (4-0-4)
4055C - The European Witchhunts. (2-0-2)
4056C - Nazi Germany. (2-0-2)
4057C - Impact of Communication Deficits: Adjusting to Cultural Demands. (2-0-2)
4058C - Freedom of Expression: Dissent, Hate and Heresy. (2-0-2)
4059C - Orientalism. (2-0-2)
4060C - Personal Financial Investments. (2-0-2)
4061C - Theatre as a Soapbox. (2-0-2)
4062C - Women's Voices: Women in the Theatre. (2-0-2)
4063C - The Genius of Dante, Honors. (2-0-2)
4064C - Autobiography. (2-0-2)
4065C - Journalistic Media in Society. (2-0-2)
4066C - Issues in Literacy. (2-0-2)

United States Constitution

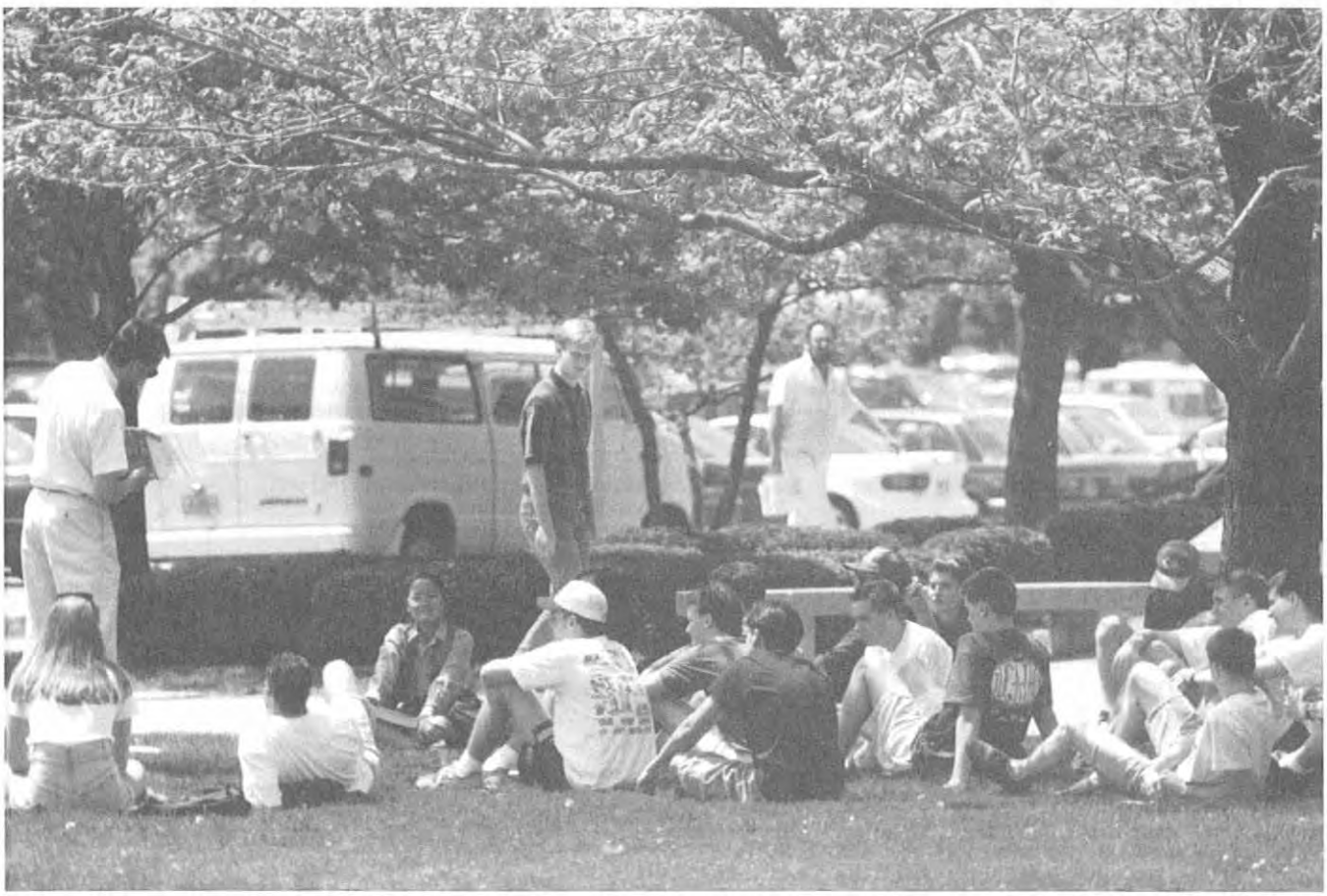
(3 Semester Hours)

History

3600C (1600C) - The U.S. Constitution and the Nation. (3-0-3)
3690C (1690C) - The U.S. Constitution and the Nation, Honors. (3-0-3)

Political Science

1153C - American Government and Constitution. (3-0-3)
1193C - American Government and Constitution, Honors. (3-0-3)



VII

Fields of Study

UNDERGRADUATE FIELDS OF STUDY

Eastern Illinois University offers degree programs in four colleges: the College of Arts and Humanities; the Lumpkin College of Business and Applied Sciences; the College of Education and Professional Studies; and the College of Sciences. The Board of Governors B.A. degree is available through the School of Adult and Continuing Education. (See page 103.) **Interdisciplinary Minors** are also offered in Pre-Law Studies, Public Relations, and Women's Studies.

Definition of Terms

Degree

A degree is the title which the University confers on a graduate as the result of his/her having completed university requirements for that degree. Eastern Illinois University confers the following degrees at the undergraduate level:

Bachelor of Arts (B.A.)
Bachelor of Science (B.S.)
Bachelor of Science in Business (B.S.B.)
Bachelor of Science in Education (B.S.Ed.)
Bachelor of Music (B.Mus.)

Major

A major is a field of study containing specific course requirements unique to a broad field of academic specialization. A list of the majors offered at Eastern Illinois University appears in this section.

Note: A student pursuing a degree other than a B.S. in Business cannot count more than 30 semester hours of business subjects toward fulfillment of bachelor's degree requirements.

Option

An option is a subset of a major academic field and provides a greater specificity within the broad area of knowledge of that major field of study. Examples of options offered at Eastern Illinois University are the teacher certification options offered in many of the majors, and such specialized options as the Graphic Design Option in the Art major. For specific information on the options available in each major, look under the descriptions of the majors in Section VIII.

Minor

A minor is a curricular component which enables a student to make an inquiry into a discipline or field of study; it is intended to provide the student with competency in the subject.

Most degree programs do not require a minor. Certain minors, identified as teaching minors, are available for students who wish to be certified in more than one discipline. Requirements for these teaching minors, which are available only to students in teacher education programs, are listed in this catalog. A candidate for a teacher education degree who desires that a teaching minor be entered on his or her permanent record must list the teaching minor on the application for graduation. Once the

UNDERGRADUATE FIELDS OF STUDY

Majors, Options, Minors and Teacher Education Programs

College of Arts and Humanities:

Majors/Options	Degree	Minor	Teacher Certification
African-American Studies	B.S.	Yes	Minor
Art	B.A	Yes	Option
Studio Art Option	B.A	No	No
Graphic Design Option	B.A	No	No
English*	B.A.	Yes	Option & Minor
Foreign Languages	B.A.	Yes	Option[1] &Minor
History*	B.A.	Yes	Option & Minor
International Studies Option	B.A.	No	No
Journalism	B.A.	Yes	Minor
Music	B.Mus.	Yes	Option & Minor
Jazz Studies Option	B.Mus.	No	No
Music Performance Option	B.Mus.	No	No
Philosophy*	B.A.	Yes	No
Social Science with Teacher Certification	B.A.	No	Yes
Speech Communication*	B.A.	Yes	Option & Minor
Theatre Arts	B.A.	Yes	Option & Minor

Minors are also available in Creative Writing, Professional Writing, Public Relations, and Women's Studies.

* An Honors Program is available in this major.

[1]French and Spanish only.

Lumpkin College of Business and Applied Sciences:

Majors/Options	Degree	Minor	Teacher Certification
School of Business:			
Accounting*	B.S.B.	No	No
Administrative Information Systems*	B.S.B.	No	No
Business Education	B.S.Ed.	Yes[1]	Yes
Computer Management*	B.S.B.	No	No
Finance*	B.S.B.	No	No
Management*	B.S.B.	No	No
Marketing*	B.S.B.	No	No
School of Family and Consumer Sciences:			
Family/Consumer Sciences*	B.S.	Yes	Option & Minor
Dietetics Option	B.S.	No	No
Family/Consumer Sciences in Business Option	B.S.	No	No
Family Services Option	B.S.	No	No
School of Technology:			
Career Occupations	B.S.	No	No
Industrial Technology*	B.S.	Yes	No
Manufacturing Technology Option	B.S.	No	No
Technology Education with Teacher Certification	B.S.	Yes	Yes

Minors are also available in Business Administration and Military Science.

* An Honors Program is available in this major.

[1] Minor options in Accounting, Basic Business and Information Processing.

appropriate Dean indicates that the student has met the catalog requirements for the program, the teaching minor will be entered on the applicant's permanent record.

Non-teaching minors, identified only as minors, are also available to students who wish to pursue work beyond their major field of study required for their degree. A candidate for a degree who desires that a minor or minors (a student may complete more than one minor) be entered on his or her permanent record must list the minor(s) on the application for graduation. Once the appropriate Dean indicates that the student has met the requirements for the minor(s), the minor(s) will be entered on the applicant's permanent record.

A student should plan a minor or teaching minor program in consultation with an appropriate advisor or Department Chairperson. If a student wishes to add a minor or teaching minor after having applied for graduation, he or she must reapply and note the addition on the reapplication for graduation.

Requirements for Minors

a. Any student interested in a departmental minor must receive approval from the appropriate department chairperson; and in the case of an interdisciplinary minor, approval must be secured from the appropriate dean.

b. All minors are excluded from the Credit/No Credit Option following the rules which apply to majors.

c. There is a residency requirement similar to that in effect for majors. Therefore, a transfer student who chooses to have a minor must successfully complete a minimum of six semester hours in residence in courses applicable to the grade-point average in that minor.

d. No more than three semester hours credit may be earned in independent study, research, internship, or study abroad toward a minor; and no credit in teaching methods may be counted toward a minor other than a teaching minor.

e. Non-teaching minors require a cumulative grade-point average of at least 2.00; for students entering Fall '93 and thereafter, teaching minors require a CGPA of 2.5.

Pre-Degree and Non-Degree Programs

Pre-degree and non-degree programs are those which do not lead to graduation at Eastern Illinois University. The student and his/her advisor may make changes to such programs without the formality of application for a waiver.

Responsibility of the Student

The student has the ultimate responsibility to fulfill the requirements for a degree/program, to check his/her own eligibility to take courses, and to observe the academic rules governing his/her program. The advisor's role is to assist him/her in making important decisions.

UNDERGRADUATE FIELDS OF STUDY

Majors, Options, Minors and Teacher Education Programs

College of Education and Professional Studies:

Majors/Options	Degree	Minor	Teacher Certification
Early Childhood Education	B.S.Ed.	No	Yes
Elementary Education	B.S.Ed.		
General Option	B.S.Ed.	No	Yes
Middle School Option	B.S.Ed.	No	Yes
Health Studies	B.S.	No	Option & Minor
Community Health Option	B.S.	Yes	No
Middle Level Education	B.S.Ed.	No	Yes
Physical Education	B.S.	Yes	Option & Minor
Athletic Training Option	B.S.	No	Option
Recreation Administration*	B.S.	Yes	No
Therapeutic Recreation Option	B.S.	No	No
Special Education*	B.S.Ed.		
Early Childhood Option[1]	B.S.Ed.	No	Yes
Standard Special Option[1]	B.S.Ed.	No	Yes

Minors are also available in Adult Education, Health Communication, and Safety and Driver Education.

* An Honors Program is available in this major.

[1] Students majoring in Special Education pursue a program resulting in certification in Learning Disabilities, Educable Mentally Handicapped, or Behavior Disorders (SED).

College of Sciences:

Majors/Options	Degree	Minor	Teacher Certification
Biological Sciences w/ T.C.	B.S.	No	Yes
Botany*	B.S.	Yes	See Bio. Sci. T.C.
Chemistry*	B.S.	Yes	Option & Minor
Communication Disorders & Sciences	B.S.	No	Yes[1]
Economics*	B.A.	Yes	No
International Studies Option	B.A.	No	No
Engineering (Cooperative)	B.S.	No	No
Environmental Biology	B.S.	No	See Bio. Sci. T.C.
Geography*	B.S.	Yes	Minor
Geology*	B.S.	Yes	No
Mathematics	B.A.	Yes	Option & Minor
Mathematics and Computer Science	B.S.	No	No
Medical Technology (Cooperative)	B.S.	No	No
Physics*	B.S.	Yes	Option & Minor
Political Science*	B.A.	Yes	No
International Studies Option	B.A.	No	No
Psychology*	B.A.	Yes	Option & Minor
Sociology	B.A.	Yes	No
Zoology	B.S.	Yes	See Bio. Sci. T.C.

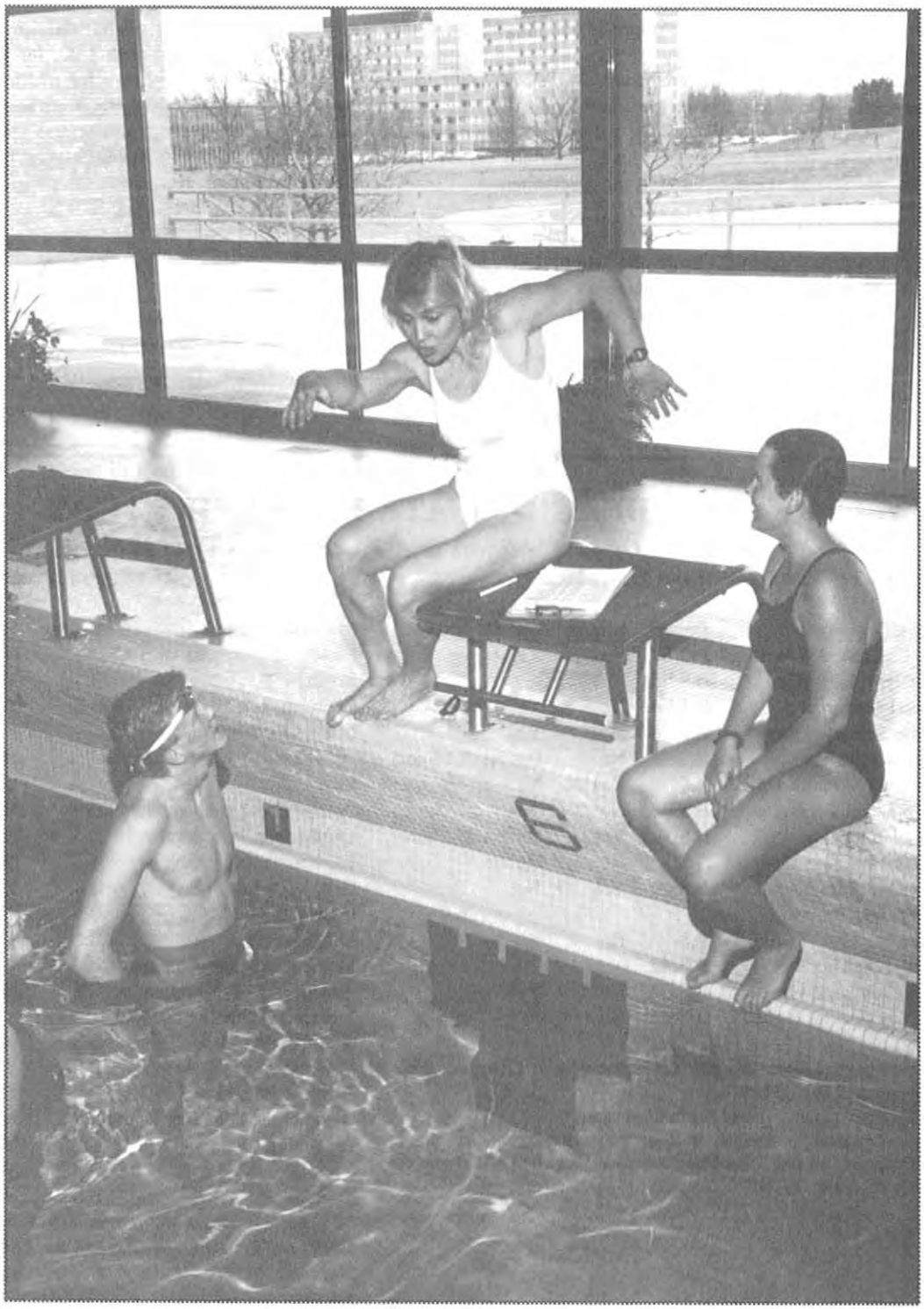
Minors also available in Anthropology, Earth Science, Latin American Studies and Pre-Law. In addition, the College offers pre-professional programs in Pre-Dentistry, Pre-Engineering, Pre-Medicine, Pre-Nursing, Pre-Optometry, Pre-Pharmacy, Pre-Physical Therapy, and Pre-Veterinary Medicine.

* An Honors Program is available in this major.

[1] The B.S. in Communication Disorders and Sciences is toward certification; the master's degree is necessary for teacher certification.

VIII

College Descriptions and Program Requirements



This section, alphabetized by college, describes missions and admission requirements and lists faculty by department. It also details the majors, minors, pre-degree and non-degree programs each college offers. For an overview of the fields of study offered by Eastern Illinois University, see the chart in Section VII. For the General Education Requirements needed for graduation by all students in the University, see Sections VI and VIII in this catalog. For the specific requirements for teacher certification in any of the colleges, see "Teacher Certification Programs" in this section. For a detailed description of the courses listed in the following pages, see Section XI.

COLLEGE OF ARTS AND HUMANITIES

Jim Johnson, *Dean*
Jeffrey Lynch, *Associate Dean*

General Mission

The College of Arts and Humanities is committed to the University's goal of providing a comprehensive undergraduate program of liberal studies as a foundation for all students. Its mission is to instill knowledge, skills and values that will enable students to emerge as responsible citizens. Specifically, the College seeks to provide intensive training in a discipline, to enhance the development of talented performing and creative artists, and to develop in students a capacity for critical judgement, the ability to communicate effectively, and a sense of ethical responsibility. In addition, the College sponsors many cultural activities and programs which are both aesthetically and intellectually stimulating. The mission of the College is complemented by a select graduate program. (See the EIU *Graduate Catalog* for further information about graduate programs.)

Faculty of the College of Arts and Humanities

Art
William Hubschmitt, *Chairperson*
Bartel, K.; Bodine, P.; Boshart, J.; Braun, S.; DeRuiter, G.; Emmerich, C.; Griffin, D.; Grivetti, A.; Harrison, G.; Hegarty, M.; Hild, G.; Ji, H.; Leonard-Cravens, M.; Marquardt-Cherry, J.; McRoberts, J.; Naragon, D.; Nivens, C.; Rehm-Mott, D.; Sorge, W.

English
James R. Quivey, *Chairperson*
Abella, O.; Allison, J.; Bazargan, S.; Beebe, R.; Boswell, P; Brayfield, P.; Buck, R.; Calendrillo, L.; Carpenter, D.; Christhilf, M.; Coleman, L.; Funk, R.; Gladsky, T.; Guernsey, B.; Guzlowski, J.; Hoberman, R.; Hobson, E.; Irwin, B.; Kanoza, T.; Kilgore, J.; Kory, F.; Leddy, M.; Loudon, M.; Lynch, J.; Martone, J.; McCormick, F.; McDonough, C.; Miller, W.; Moore, J.; Panjwani, J.; Preston, F. Jr.; Quinn, T.; Radavich, D.; Raybin, D.; Ringuette, D.; Searle, W.; Shonk, T.; Simpson, J.M.; Smith, L.; Stevens, C.; Suksang, D.; Swords, S.; Sylvia, R.; Tarter, M.; Weasmer, J.; Whitlow, R.; Zahlan, A.

Foreign Languages
Heribert Breidenbach, *Chairperson*
Bulver, K.; Canfield, S.; Clay-Mendez, L.; Crome, R.; Dulka, R.; Konrad, K.; Spencer, N.; Sundheim, L. D.; Taylor, K.

History
Anita Shelton, *Chairperson*
Barnhart, T.; Beck, R.; Elbert, E. D.; Hardeman, M.; Hockman, D.; Kammerling, J.; Key, N.; McElligott, J.; Riccio, B.; Schlauch, W.; Small, N.P.; Sterling, R.; Waldrep, C.; Young, B.

Journalism
L.R. Hyder, *Chairperson*
Claxton, R.; Goodrick, E.; Kaufman, S.; Ladd, M.; Poulter, B.; Price, H.; Reed, J.D.; Robinson, G.; Ryan, J.; Tidwell, J.; Voelz, P.; Wohlrabe, M.D.

Music
Herman D. Taylor, *Chairperson*
Joseph M. Martin, *Assistant*
Aluas, L.; Barta, R.; Bialek, M. A.; Borah, B.; Boyd, D.; Butler, H.; Coles, M.; Poulter, P.; Daniels, J.; DiBianco, D.; Fagaly, S.; Hayden, P.; Hesterman, P.; Hills, R.; Hillyer, H.; Hobbs, W.; Horney, A.; Krehbiel, H.; Lane, J.; Lee, H.; Manfredo, J.; McLean, J.; Melvin, W.; Peet, Stephen; Sanders, G.; Sanders, K.; Smith, C.; Tracy, D.

Philosophy
Gary E. Aylesworth, *Chairperson*
Barford, R.; Beakley, B.; DePetro, J.; Lee, Y.S.; Rauscher, F.

Speech Communication
Douglas G. Bock, *Chairperson*
Borzi, M.; Bradd, M.; Conley, J.; Glennon, I.; Greer, N.; Hadwiger, K.; Helsel, C.; Heumann, J.; Hogg, M.; McKee, M.; McSwain, J. E.; Mason, G.; Merritt, F.; Oglesbee, F.; Oseguera, A.; Parcells, F.; Perkins, T.; Pryor, R.; Smith, C.; Staske, S.

Theatre Arts
E. T. Guidotti, *Chairperson*
Blanchette, C.; Coker, Jr., A.: Eisenhour, J.; Eisenhour, K.; Jorns, D.; Malm, K.; Poole, J.; Sain, J.; Wolski, D.; Wolski, J.; Yarbrough, M.

Tarble Arts Center
Michael Watts, *Director*
Kit Morice, *Curator of Education*

Committee	Chairperson
African-American Studies	Adeniyi Coker Jr.
Social Science Studies	Charles Titus
Women's Studies	Gail Mason

COLLEGE OF ARTS AND HUMANITIES: ACADEMIC PROGRAMS

AFRICAN-AMERICAN STUDIES *(B.S.)*

Major

African-American Studies 2000 . . . . . 3 sem. hrs.
Art 2300 . . . . . 3 sem. hrs.
English 2705, 4750 . . . . . 6 sem. hrs.
History 2100, 3760 . . . . . 6 sem. hrs.
Family and Consumer Sciences 4840 . . . . . 3 sem. hrs.
Music 2556C . . . . . 3 sem. hrs.
Psychology 4700 . . . . . 3 sem. hrs.
Sociology 2710, 2840, 3810 . . . . . 9 sem. hrs.
A maximum of three courses chosen from: African-American Studies 4275, 4400, Anthropology 2200C, 3611, Educational Foundations 2171C, Computer and Operations Management 2100, Geography 3775, History 1400 or 1500C, Journalism 3951, Political Science 3723, 4774, 4843, Sociology 2721, 2750C, 2761, 3770, Business Education 1420, Management 2750, 3010, Zoology 3001C . . . . . 9-10 sem. hrs.
TOTAL . . . . . 45-46 sem. hrs.

(Major GPA based on specific required courses.)

Minor in African-American Studies for Teacher Certification

African-American Studies 2000 . . . . . 3 sem. hrs.
Art 2300 . . . . . 3 sem. hrs.
English 2705, 4750 . . . . . 6 sem. hrs.
History 2100 . . . . . 3 sem. hrs.
Music 2556C . . . . . 3 sem. hrs.
Three courses chosen from: Anthropology 2200C, 3611, Educational Foundations 2171C, History 3760, Family and Consumer Sciences 4840, Journalism 3951, Political Science 4774, Psychology 4700, Sociology 2710, 2840, 3810 . . . . . 9-10 sem. hrs.
TOTAL . . . . . 27-28 sem. hrs.

Interdisciplinary Minor in African-American Studies

African-American Studies 2000 . . . . . 3 sem. hrs.
Art 2300 . . . . . 3 sem. hrs.
English 2705, 4750 . . . . . 6 sem. hrs.
History 2100 . . . . . 3 sem. hrs.
Music 2556C . . . . . 3 sem. hrs.
Three courses, approved by the African-American Studies Director, from: Anthropology 2200C, 3611, African-American Studies 4275, 4400, Educational Foundations 2171C, Family and Consumer Sciences 4840, History 3760, Journalism 3951, Political Science 4774, Psychology 4700, Sociology 2710, 2840, 3810, Zoology 3001C . . . . . 9-10 sem. hrs.
TOTAL . . . . . 27-28 sem. hrs.

ART *(B.A.)*

Option in Studio Art

Art 1000, 1110, 1111, 2050, 2100, 2500 . . . . . 16 sem. hrs.
Art History 2601, 2602 . . . . . 6 sem. hrs.
One of the following emphases . . . . . 43-45 sem. hrs.
TOTAL . . . . . 65-67 sem. hrs.

Two-Dimensional Emphasis
Art 3011, 3680 plus three sem. hrs. of art history at the 3630 level or above . . . . . 7 sem. hrs.
Three courses chosen from Art 2000, 2560, 2250 or 2700 or 2800 . . . . . 9 sem. hrs.
Electives chosen from Art 2910, 2920, 3000, 3051, 3052, 3080, 3570, 4000, 4051, 4052, 4400, 4580 . . . . . 18 sem. hrs.
Electives chosen from Art History courses or Three-dimensional courses . . . . . 9 sem. hrs.
TOTAL . . . . . 43 sem. hrs.

Three-Dimensional Emphasis
Art 3011, 3680 plus three sem. hrs. of art history at the 3630 level or above . . . . . 7 sem. hrs.
Art 2250, 2700 and 2800 . . . . . 9 sem. hrs.
Electives chosen from Art 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 4111, 4112, 4251, 4252, 4400, 4701, 4702, 4800, 4801, 4802 . . . . . 18 sem. hrs.
Electives chosen from Art History courses or Two-dimensional courses . . . . . 9 sem. hrs.
TOTAL . . . . . 43 sem. hrs.

Art History Emphasis
Art 4400 and 4775 . . . . . 6 sem .hrs.
One course chosen from: Art 2250, 2560, 2700, 2800 . . . . . 3 sem. hrs.
Electives chosen from: Art 3630, 3641, 3642, 3651, 3652, 3660, 3670, 3680, 3685, 4400, 4765 . . . . . 30 sem. hrs.
Non-Art electives numbered 3000 or above from History or Foreign Language . . . . . 6 sem. hrs.
TOTAL . . . . . 45 sem. hrs.

(Major GPA based on all art courses taken at Eastern Illinois University.)

Option in Graphic Design

Graphic Design Selective Admissions Entrance Requirements

Effective Fall Semester, 1996, students wishing to major in Graphic Design are required to apply for admission into the Junior (3rd) year of the program. Freshman and sophomore year, or "Pre-Graphic Design," remains open to all who wish to enroll. Entrance into the Junior (3rd) year of the program, or the "Graphic Design Program," is limited to those students who have satisfied requirements outlined by the department and have been selected by the Graphic Design Selective Admissions Committee for admission into the program based on a comparative scoring system of performance in these requirements. Exceptions to these requirements can be made only in response to written requests and the subsequent review and recommendation of the Graphic Design Selective Admissions Committee.

Art 1000, 1110, 1111, 2000, 2050, 2500, 2560, 2601, 2602, 2910, 2920, 3011, 3910, 3911, 3920, 3921, 3940, 4910, 4911, 4920, 4921 . . . . . 59 sem. hrs.
Industrial Technology 3123 . . . . . 3 sem. hrs.
Art History courses numbered 3630 or above . . . . . 6 sem. hrs.

Electives chosen from Art courses and/or the following: English 4760, Journalism 3001, 4751, 4760, Industrial Technology 3343, 3353, 4813 . . . . . 6 sem. hrs.
TOTAL . . . . . 74 sem. hrs.

(Major GPA based on all art and industrial technology courses only taken at Eastern Illinois University.)

Option in Art with Teacher Certification*
Standard Special Certification

Art 1000, 1110, 1111, 2050, 2400, 2410, 2440, 2500, 2560, 2601, 2602, 3410, 3420, 4740, 4775 . . . . . 38 sem. hrs.
Electives chosen from: Art 2100, 2250, 2700, 2800 . . . . . 9 sem. hrs.
Electives in art, to include nine sem. hrs. in a selected medium; three sem. hrs. Art History course numbered 3630 or above . . . . . 12 sem. hrs.
TOTAL . . . . . 59 sem. hrs.

(Major GPA based on all art courses taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Art*

Art 1000, 1110, 1111, 2500 . . . . . 10 sem. hrs.
OR
Art 2601, 2602 . . . . . 6 sem. hrs.
*Students, in consultation with an art advisor, must select an area of interest from one of the categories which follow. Students interested in Two-Dimensional or Three-Dimensional studio emphasis courses must select Art 1000, 1110, 1111 and 2500. Students interested in an Art History emphasis must select Art 2601 and 2602.

Two-Dimensional Courses

Electives in Art chosen from: Art 2000, 2050, 2560, 2910, 2920, 3000, 3051, 3052, 3080, 3570, 3910, 3920, 4000, 4051, 4052, 4580, 4910, 4920, and must include at least six sem. hrs. of courses numbered 3000 or above . . . . . 15 sem. hrs.
OR

Three-Dimensional Courses

Electives in Art chosen from: Art 2100, 2250, 2700, 2800, 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 4111, 4112, 4251, 4252, 4701, 4702, 4800, 4801, 4802 and must include at least six sem. hrs. of courses numbered 3000 or above . . . . . 15 sem. hrs.
OR

Art History Courses

Electives in Art chosen from: Art 2300, 3630, 3641, 3642, 3651, 3652, 3660, 3670, 3680, 3685, 3940, 4765, 4775 . . . . . 18 sem. hrs.
TOTAL . . . . . 24-25 sem. hrs.

ENGLISH (B.A.)

Major

English 2205, 2601, 2901 or 3901 or 4901, 3001, 4300, 4950 . . . . . 18 sem. hrs.
One course from Group 2 . . . . . 3 sem. hrs.
Two courses from each of Groups 3, 4 and 5 . . . . . 18 sem. hrs.
Four additional courses in English
OR
Two courses in a single foreign language (excluding conversational courses and courses taken for Gen. Ed. credit) and two additional courses in English . . . . . 12 sem. hrs.
TOTAL . . . . . 51 sem. hrs.

Note: The English groups are listed in the section on course descriptions under English. Except for English 3009C and English 3099C, English courses in the General Education Integrated Core do not fulfill requirements in the English major or minors.
(Major GPA based on all English courses taken at Eastern Illinois University except English 0990, 0995, 1000, 1001C, 1002C, 1099, and Integrated Core courses other than 3009C and 3099C.)

Honors Program for English Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA and a major GPA of 3.50 on a 4.0 point scale after completing English 1001C/91C, 1002C/92C, 2205, 2601, and any two additional English courses or equivalent courses through transfer credit. Students must also have the approval of the Director of the Honors Program, the Department Honors Coordinator, and the Department Chairperson.

Students in the English Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following 13 semester hours with a 3.50 GPA:
English 4390, Honors Senior Seminar . . . . . 3 sem. hrs.
English 4644, Honors Thesis . . . . . 3 sem. hrs.
One 2090- or 3090-level English honors course . . . . . 3 sem. hrs.
One 5000-level Graduate Seminar (5000-5010) . . . . . 4 sem. hrs.

Option in English with Teacher Certification*
Standard High School Certificate with no minor required

English 2205, 2601, 2901, 3001, 3401, 3402, 4300, 4950 . . . . . 24 sem. hrs.
One course from Group 2 . . . . . 3 sem. hrs.
Two courses from each of Groups 3, 4 and 5 . . . . . 18 sem. hrs.

Two additional courses in English (Option A)
OR
Two courses in a single foreign language (excluding 1000-level conversational courses and courses taken for Gen. Ed. credit) (Option B) . . . . . 6-8 sem. hrs.
TOTAL . . . . . 51-53 sem. hrs.

(Major GPA based on all English courses taken at Eastern Illinois University except English 0990, 0995, 1000, 1001C, 1002C, 1099, and Integrated Core courses other than 3009C and 3099C.)
*For the education coursework required for this option, see "Teacher Certification Programs."

Option in English with Teacher Certification*
Standard High School Certificate with a Teacher Certification Minor in a discipline other than English required

English 2205, 2601, 2901, 3001, 3401. 3402, 4300, 4950 . . . . . 24 sem. hrs.
One course from Group 2 . . . . . 3 sem. hrs.
Three courses from Groups 3 and 4 (at least one from each group) . . . . . 9 sem. hrs.
Two courses from Group 5 . . . . . 6 sem. hrs.
One additional course in English . . . . . 3 sem. hrs.
TOTAL . . . . . 45 sem. hrs.

(Major GPA based on all English courses taken at Eastern Illinois University except English 0990, 0995, 1000, 1001C, 1002C, 1099, and Integrated Core courses other than 3009C and 3099C.)
*For the education coursework required for this option, see "Teacher Certification Programs." Please note that a GPA of 2.75, both cumulative and in the major, is required for departmental approval to student teach.

Minor in English

English 3001 . . . . . 3 sem. hrs.
Electives in English selected in consultation with an English advisor. These must include at least one other course numbered 3000 or above, may not include more than three hours of 3970, and must exclude 0990, 0995, 1000, 1001C, 1002C, 1091C, 1092C, 1099, 3401, 3402, 4906, and Integrated Core courses except 3009C and 3099C . . . . . 15 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Minor in English for Teacher Certification

English 2601, 2901, 3001, 3401, 3402 . . . . . 15 sem. hrs.
Three courses: one from Group 2, one from either Group 3 or Group 4, and one from Group 5 . . . . . 9 sem. hrs.
TOTAL . . . . . 24 sem. hrs.

Minor in Creative Writing

At least 12 semester hours from:
English 2003, 2005, 2007, 4762, 4763, 4764 . . . . . 12-18 sem. hrs.
Up to six semester hours from:
English 3405, 3504, 3606, 3703, 3808; Art/Music/Theatre Arts 2010C; Journalism 2101, 3000, 3102; Speech Communication 3520, 3540; Theatre Arts 2258, 3445, 3751, 3752 . . . . . 0-6 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Note: Students are expected to select courses in consultation with a member of the Creative Writing staff, and English majors are required to take at least one course outside the English Department.

Minor in Professional Writing

English 3001, 4760 . . . . . 6 sem. hrs.
English 4275[1] . . . . . 4 sem. hrs.
English 3005 or Journalism 2101 . . . . . 3 sem. hrs.
Industrial Technology 1364 . . . . . 4 sem. hrs.
Two courses chosen from English 2901, Journalism 3000, 3102, Administrative Information Systems 3610, Management 3830 . . . . . 4-6 sem. hrs.
TOTAL . . . . . 21-23 sem. hrs.

[1]Internship may be taken in student's major field of study with approval of English Department.

FOREIGN LANGUAGES *(B.A.)*

Major

A major in Foreign Languages (with a concentration in French, German or Spanish) consists of one of the following four course selections:

Course Selection I

3 foreign language courses taught in English . . . . . 9 sem. hrs.
2 courses in any second foreign language (*Completion of Foreign Languages 1102C*)* . . . . . 8 sem. hrs.
Foreign Languages 2201 -- French, German or Spanish . . . . . 4 sem. hrs.
Foreign Languages 2202 -- French, German or Spanish . . . . . 4 sem. hrs.
Advanced Composition/Conversation -- French, German or Spanish . . . . . 3 sem. hrs.
Culture and Civilization, Advanced Level -- French, German or Spanish . . . . . 3 sem. hrs.
Total . . . . . 31 sem. hrs.
7 elective upper division courses in the concentration . . . . . 21 sem. hrs.
TOTAL . . . . . 52 sem. hrs.

* *Completion of second year in high school with an average of C or better satisfies this requirement.*

Course Selection II

2 foreign language courses taught in English . . . . . 6 sem. hrs.
3 courses in a second foreign language (*Completion of Foreign Languages 2201*) . . . . . 10 sem. hrs.
Remainder as in Course Selection I . . . . . 32 sem. hrs.
TOTAL . . . . . 53 sem. hrs.

Course Selection III

1 foreign language course taught in English . . . . . 3 sem. hrs.
4 courses in a second foreign language (*Completion of Foreign Languages 2202*) . . . . . 16 sem. hrs.
Remainder as in Course Selection I . . . . . 33 sem. hrs.
TOTAL . . . . . 54 sem. hrs.

Course Selection IV

1 foreign language course taught in English . . . . . 3 sem. hrs.
2 courses in a second foreign language (*Completion of Foreign Languages 1102*) . . . . . 8 sem. hrs.
2 courses in a third foreign language (*Completion of Foreign Languages 1102*) . . . . . 8 sem. hrs.
Remainder as in Course Selection I . . . . . 33 sem. hrs.
TOTAL . . . . . 54 sem. hrs.

Honors Program for Foreign Language Majors with a 3.50 Cumulative GPA

Admission to the Honors Program requires a 3.50 GPA on a 4.0 point scale and permission of the Director of the Honors Programs and the chairperson of the Foreign Language Department.

Students in the Foreign Language Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

A. Non-Major Honors in Foreign Languages
4444 Honors Independent Study . . . . . 3 sem. hrs.
4644 Honors Thesis . . . . . 3 sem. hrs.
4666 Honors Seminar (2 times) . . . . . 6 sem. hrs.
12 sem. hrs.

B. Major Honors in Foreign Languages (BA)
4444 Honors Independent Study . . . . . 3 sem. hrs.
4644 Honors Thesis . . . . . 3 sem. hrs.
4666 Honors Seminar (2 times) . . . . . 6 sem. hrs.
plus Foreign Language courses beyond Foreign Languages 2201 . . . . . 32 sem. hrs.
TOTAL . . . . . 44 sem. hrs.

French or Spanish with Teacher Certification*

Standard High School Certificate

Courses numbered beyond 2201 in the language of the concentration (32 sem. hrs. must include 3101, Cadet Teaching, 1-3 sem. hrs.) . . . . . 32 sem. hrs.
Foreign Language 3400 . . . . . 3 sem. hrs.
TOTAL . . . . . 35-37 sem. hrs.

(Major GPA is based on Foreign Language 3400 and all courses in the major language taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs."

Minor in French, German, or Spanish

A minor in French, German or Spanish consists of a minimum of 17 semester hours beyond Language 1102C (second semester). At least nine of the 17 semester hours must be on the 3000 or 4000 level.
E.g.:
2201 . . . . . 4 sem. hrs.
2202 . . . . . 4 sem. hrs.
Three advanced courses . . . . . 9 sem. hrs.
TOTAL . . . . . 17 sem. hrs. beyond 1102C

However, with the approval of the appropriate language section supervisor and the concurrence of the department chairperson, students with three or four years of high school study in the language, or the equivalent, may be placed in one of the following alternate plans:

1) 2202 (four hours) plus nine hours in courses numbered 3000 or above. Upon completion of these hours the student will be exempted from five hours of lower division coursework ordinarily required for the minor.

2) Nine hours in courses numbered 3000 or above. Upon completion of these hours the student will be exempted from nine hours of lower division coursework ordinarily required for the minor.

Note: Courses taken on Credit/No Credit basis do **not** count toward this minor.

Minor in French or Spanish for Teacher Certification

Courses numbered beyond 1101C in the language of the minor . . . . . 21 sem. hrs.
Foreign language 3400, 3401 . . . . . 5 sem. hrs.
TOTAL . . . . . 26 sem. hrs.

Note: Courses taken on Credit/No Credit basis do **not** count toward this minor.

State requirements for Teacher Certification in the Foreign Language Minor are presently being revised. See the Department of Foreign Languages for upcoming details.

HISTORY *(B.A.)*

Major

History 1500C or 1501C or 1502C*, 2010, 2020, 2300, 2400, 2500, 3600C** . . . . . 15-21 sem. hrs.
History electives numbered above 3000 to include nine sem. hrs. in U.S. history and nine sem. hrs. in non-U.S. history (excluding History 3700C) . . . . . 27-33 sem. hrs.
TOTAL . . . . . 48 sem. hrs.

(Major GPA based on all history courses taken at Eastern Illinois University.)

*Required if credit not acquired for Art 3620C, English/Philosophy 3100C or 3110C or Geography 1100C. The Department recommends that history majors enroll in one of the courses listed in the previous sentence. If the Art, English, or Geography course is taken, then an additional non-U.S. course above 3000 is required.

**Required if credit not acquired for Political Science 1153C. If the Political Science course noted in the previous sentence is taken, then an additional U.S. course above 3000 is required.

Honors Program for History Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 CGPA and a major GPA of 3.50 on a 4.0 point scale after completing History 2010, 2020, 2300, 2400, 2500, or their equivalent through transfer credit. Students must also have permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the History Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following 12 semester hours with a 3.50 GPA:
History 4444 Honors Independent Study . . . . . 3 sem. hrs.
History 4644 Honors Thesis . . . . . 3 sem. hrs.
Either History 4666 Honors Seminar or History 4555 Honors Research depending upon departmental scheduling . . . . . 3 sem. hrs.
History 5000-5499 Graduate Seminar . . . . . 3 sem. hrs.

Honors students must complete all other departmental requirements with a 3.50 GPA as well as a 3.50 CGPA. They may not receive credit for both History 4444 and History 4400 (Independent Study in History).

Honors students must complete either two years of college-level instruction in a single foreign language or demonstrate an equivalent reading competency.

Option in History with International Studies

History 2010, 2020, 2300, 2400, 2500 . . . . . 15 sem. hrs.
Select three sem. hrs. from History 1400, 3250, 3260, 3300 . . . . . 3 sem. hrs.
History electives numbered above 3000 to include nine sem. hrs. in U.S. History and nine sem. hrs. in non-U.S. History (excluding History 3700C) . . . . . 18 sem. hrs.
Total . . . . . 36 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Select six sem. hrs. from: Political Science 2253C, 3203, 3223, 3303, 3323, 3363, 3373, 3383, 4821, 4822, 4823 . . . . . 6 sem. hrs.
Select three sem. hrs. from Geography 1200C, 3600 . . . . . 3 sem. hrs.
Total . . . . . 18 sem. hrs.

Total (History, Economics, Political Science and Geography) . . . . . 54 sem. hrs.

Proficiency at the intermediate level of a foreign language or the completion of courses in a foreign language to include one of the following: French 2202, German 2202, or Spanish 2202.
Total . . . . . 0-14 sem. hrs.
TOTAL . . . . . 54-68 sem. hrs.

Option in History with Teacher Certification*

Standard High School Certificate

History 2010, 2020, 2300, 2400, 2500 . . . . . 15 sem. hrs.
History electives numbered above 3000 to include nine sem. hrs. in U.S. history and nine sem. hrs. in non-U.S. history . . . . . 18 sem. hrs.
Social Science 3400[1] . . . . . 3 sem. hrs.
TOTAL . . . . . 39 sem. hrs.

(Satisfactory completion of this major requires: (1) a grade of C or better in each course that applies to the 36 semester hours of history required; (2) a major and cumulative grade point average of at least 2.75 in all courses attempted at Eastern Illinois University; and (3) at least 12 semester hours of the 36-semester-hours requirement in history must be in courses taken at Eastern Illinois University. Courses taken on a Credit/No Credit basis do not count toward this major.

[1]Social Science 3400 may be omitted if the student has credit in a methods course in one of the following: business education, English, foreign languages, life science, mathematics, physical science, or speech communication.

Minor in History

History 2010, 2020, 2300, 2400 . . . . . 12 sem. hrs.
History electives numbered above 3000 except 3970, 4400 . . . . . 6 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Minor in History with Teacher Certification

History 2010, 2020, 2300, 2400, 2500 . . . . . 15 sem. hrs.
History electives numbered above 3000 to include three sem. hrs. in U.S. history and three sem. hrs. in non-U.S. history . . . . . 9 sem. hrs.
Social Science 3400[1] . . . . . 3 sem. hrs.
TOTAL . . . . . 27 sem. hrs.

Satisfactory completion of this minor requires: (1) a grade of C or better in each course that applies to the 24 semester hours of history required; (2) a major and cumulative grade-point average of at least 2.75 in all history courses attempted at Eastern Illinois University; and (3) at least 12 semester hours of the 24-semester-hours requirement in history must be in courses taken at Eastern Illinois University. Courses taken on a Credit/No Credit basis do not count toward this minor.

[1]Social Science 3400 may be omitted if the student has credit in a methods course in one of the following: business education, English, foreign language, life science, mathematics, physical science, or speech communication.

*For the education coursework required for this option, see "Teacher Certification Programs."

JOURNALISM (B.A.)

Major

The Journalism major consists of 60-66 hours in four required areas and a fifth voluntary area of co-curricular activities. To meet the requirements for a degree in journalism, students must earn a minimum grade of "C" in each of the following courses: Journalism 2101, 3000, 3001, 3002, and 3301 or 3302.

I. Journalism Coursework . . . . . 30-36 sem. hrs.

A. ***Survey of the Profession*** *-- 8-14 sem. hrs.*
Journalism 2001C, 4101, 4102

To provide knowledge about the field of Journalism, to understand the work of journalists, and to develop attitudes and values appropriate to professional practice. Additional coursework is available as 3903, 3951, 3952, and History 3940.

B. ***Writing*** *-- 8 sem. hrs.*
Journalism 2101, 3000, 3002

To practice writing in different styles for different purposes using information gathering and clear presentation as a basis for all forms.

C. ***Visual Communication*** *-- 5 sem. hrs.*
Journalism 3001, and 3301 or 3302

To become visually literate, to maintain visual intelligence amid changing technology, to develop visual understanding of all media.

D. ***Professional Development*** *-- 9 sem. hrs.*

To augment a strong basis of understanding the profession and practicing verbal and visual skills, to explore career areas, to direct the practice of skills associated with professional activities.

Courses associated with career areas are as follows:

For newspapers, graduates have found the following courses helpful: 3102, 3901, 4001, 4751, 4760, 4900

For magazine work: 3102, 4760, 4900

For electronic journalism: 4900, Speech Communication 3620

For photojournalism: 4751 and 4760

For public relations: The interdisciplinary Public Relations Minor is recommended.

For advertising: 3901 and 4900

For graduate school and other professions requiring strong communication skills, coursework in the Journalism major can be helpful.

II. Liberal Arts Area . . . . . 18 sem. hrs.

To develop intelligence and wisdom, to have something to communicate, to provide a context for communication. With consultation of the academic advisor, include three of these four areas: Political Science, History, Sociology and Economics.

Political Science 2603, 3733; History 3005, 4960; Economics 2802, 3880; Philosophy 3300; Psychology 3000-level; Speech Communication 3300; Sociology 2761, 3681; Anthropology 2200C; English 2901, 3001; and Foreign Languages 2201.

III. Non-Journalism Specialty . . . . . 12 sem. hrs.

To develop knowledge in a single area other than journalism, to develop educationally and professionally, to have knowledge and context with which to communicate intelligently.

(Minimal fulfillment of this area is four courses in a single area or a block approved by the academic advisor. A second major or a non-journalism minor is strongly encouraged.)

IV. Co-Curricular Volunteer Activities

To apply the knowledge and skills provided in courses; to practice abilities; to experiment in real-work settings.

Students who have worked on student media have found this experience to be invaluable. Opportunities are available on student media: news, business and advertising staffs of *The Daily Eastern News*; the *Verge* entertainment supplement; *Minority Today*; the *Warbler* yearbook; *Heartland* magazine; *WEIU-TV*; the Agency. Organizations that offer significant learning experiences include the Public Relations Student Society of America, Student Illinois News Directors Association, Society for Collegiate Journalists, and Women in Communications, Inc.

(Journalism writing competency must be demonstrated prior to enrollment in Journalism 2101, 3000, or 3002 by either (1) a grade of B in English 1001C, (2) grades of least C in both English 1001C **and** 1002C, (3) a grade of at least C in English 2901 **or** 3001; **or** (4) a passing score on the University Writing Competency Exam.)

(Journalism majors may apply no more than 12 transfer credit hours, nor more than 30 total credit hours in professional journalism/mass communications courses, as defined by the department chair, toward the 120-hour graduation requirement. At least 65 of the remaining 90 credit hours must be taken in humanities, social sciences and natural sciences.)

(Major GPA based on all journalism courses taken at Eastern Illinois University.)

Minor in Journalism

Journalism 2001C, 2101, 3000, 3001, 3002,
3301 or 3302, 4101, 4102 . . . . . 21 sem. hrs.

Minor in Journalism for Teacher Certification

Journalism 2001C, 2101, 3000, 3002,
3301 or 3302, 4101, 4801, 4802, 4803 . . . . . 19 sem. hrs.

MUSIC

Auditions

All entering freshmen and transfer students planning to major in music are required to audition in a performance area in advance of enrollment. In addition to the performance audition, prospective composition students should provide scores and/or tapes of original compositions prior to enrollment. Information on audition dates and requirements is available though the Music Department office (217/581-3010). All students who wish to transfer credit in music theory, aural training, and music history are required to take the placement examination in the subject(s).

Non-music majors wishing to enroll in applied music courses (0010-0070 and 3310-3370) are required to audition in the performance area of their interest. Placement examinations are given during the registration period before classes begin.

Jazz Studies Auditions

Students who wish to take the Jazz Studies Option are required to perform the standard instrumental audition, plus demonstrate improvisation ability or jazz skills related to their particular instrument. Freshmen are not ordinarily admitted to the Jazz Studies Option. Formal application to the Jazz Studies Option is accomplished by successfully completing the Junior Standing Jury, which should be played after one or two semesters in residence.

Studies in Music Performance

All music majors are required to study music performance on a one-to-one basis with a studio instructor. Such study is referred to as "applied study." While majors may pursue more than one area of applied study, each student must complete a sizable block of hours in one "primary" or "principal" instrument or voice.

The hours of applied study taken each semester vary depending upon the program option in which the student is enrolled. The hours for primary or principal applied study are as follows:

Degree Program	Credit Hours per Semester	Lessons or Class Instruction per week	Practice per Day
Performance Option	4	1 hour	2-4 hours
Jazz Studies Option	2 or 4	1 hour	2-4 hours
Music Education Option Instrumental, Vocal, and General Music Emphasis	1 or 2	½-1 hour	1-2 hours

Students are expected to complete the minimum applied study requirement over a period of seven semesters. Secondary applied study (the study of any instrument or voice in addition to the primary or principal area) may occur in any option or emphasis for one to two credit hours per semester with prior consent of the instructor.

In the summer term, credit for applied study should be reduced by one half, except in cases where the normal credit is one semester hour. Additional credit for applied study in the summer term may be taken only with the permission of the studio instructor.

Courses in music performance may be repeated for credit according to the applied study requirements stipulated for each program option and emphasis. Students may elect applied study hours beyond the stipulated requirements for their program.

As part of their applied study requirement, jazz studies woodwind majors must complete one semester each of applied study in clarinet, flute, and one double reed instrument. Jazz studies percussionists must demonstrate appropriate skills on mallet instruments, orchestral percussion, and drum set in recital performances. The applied study requirement for jazz keyboard majors is divided between traditional keyboard and jazz piano. The traditional keyboard requirement is four semesters (eight hours) or completion of the sophomore recital requirement. The remaining 14 hours of applied study is jazz piano.

Juries

Progress in applied study is evaluated each semester by the faculty of the performance area in which the student is enrolled. A Junior Standing Jury is a graduation requirement for all music majors and normally occurs at the end of the fourth semester of applied study. Students must pass the Junior Standing Jury to receive upper division credit and must complete the Jury by the end of the sixth semester, or its equivalent. Music education majors are required to have at least two hours of upper division credit (3310-3370) in fulfilling applied study requirements. Students electing the general music emphasis must achieve Junior Standing but are not required to have upper division credit for applied study. Students with an option in Jazz Studies are required to pass an Audition Jury before being formally admitted to the program. After acceptance into the program, students must play the standard instrumental jury and a jazz jury each semester in residence.

Recital Attendance Requirement

All music majors are required to complete a total of five semesters of Recital (Music 1103, 2103, 3103, 4103). Students should check with the Music Department Office for specific recital attendance requirements and for procedures for recording attendance. The requirement for transfer students will be determined by the Music department chairperson.

Liability Notice

In the event that students choose to store musical instruments on campus in any building operated by the University, they thereby waive any and all liability of the University and its employees for loss of, or damage to, such musical instruments by any cause whatsoever, including, but not limited to fire, water, windstorm or other casualty, theft, or dampness or dryness of the air.

Student Recitals

All students except freshmen are required to appear each year in the series of student recitals in order to gain experience in musical performance.

Music Education Major

Instrumental principals in the instrumental emphasis are required to perform 25 minutes in recital (Music 3103), or its equivalent, following completion of the Junior Standing Jury. Vocal and piano principals are required to present junior and senior recitals. Organ and harpsichord principals must present a senior recital and either a junior recital or equivalent performance. Students in the general music emphasis must achieve junior standing in their principal applied area of study with a junior and senior recital being optional.

Music Major

Performance Option: Instrumental Majors with an option in performance must present a 25-minute recital in the sophomore year and a 50-minute recital in both the junior and senior years (Music 2103, 3103, 4103). Voice and Keyboard Majors with an option in performance must present a 15-minute recital in the sophomore year, a 25-minute recital in the junior year and a 50-minute recital in the senior year. Composition majors are required to present appropriate projects in lieu of the junior and senior recitals. Further, performance majors are required to perform a minimum of four times on student recitals in addition to the above requirements. The student recital requirement must be completed before the semester in which the senior recital is given.

Jazz Studies Option: Students with an option in jazz studies are required to present a sophomore recital (Music 2103) of standard classical literature, a junior recital (Music 3103) of classical literature and improvisation in small groups, and a senior recital (Music 4103) that includes combo performance, one original composition, and one arrangement for big band.

MUSIC *(B. of Music)*

Major in Music

Option in Jazz Studies#

Music Theory 1541, 1542, 1543, 1544, 2541, 2542, 2543, 3542, 3547	19 sem. hrs.
Music History 1581, 3581, 3582	9 sem. hrs.
Conducting 2360, 3260	3 sem. hrs.
Piano Skills (2 semesters or completion of 2204)	2 sem. hrs.
Applied Study of Primary Instrument (each semester)	22 sem. hrs.
Music 0224	(audit)
Courses in Jazz Studies and Related Areas 0070 (2 sem. hrs.), 1530, 2530, 2581, 3530, 3800, 3801, 4530, 4850	15 sem. hrs.
Ensembles: six sem. hrs. of 0220, 0221, two sem. hrs. of 0222, two sem. hrs. of 3622	10 sem. hrs.
Recital 1103 (a total of five semesters), 2103, 3103, 4103	(audit)
TOTAL	80 sem. hrs.

#After formal acceptance into the Jazz Studies option, the student major ensemble requirement is fulfilled by jazz ensemble or the lab band. Until that time, the major ensemble requirement is the same as in the Music Education option.

Option in Music Performance#

Music 1541, 1542, 1543, 1544, 2541, 2542, 2543, 3542; at least two sem. hrs. from 0070, 2070, 3542 (may be taken a second time), 3547, 4541, 4542, 4750, 4840, 4850, 4600*, 4980*	19 sem. hrs.
Music History 1581, 3581, 3582, at least two sem. hrs. from 4600*, 4870, 4980*	11 sem. hrs.
Recital 1103 (a total of five semesters), 2103, 3103, 4103	(audit)
One of the following emphases	48-63 sem. hrs.
TOTAL	78-93 sem. hrs.

#Performance Majors are required to register for applied study and an ensemble each semester in residence.

1. **String, Wind, or Percussion Instruments Emphasis.** Two semesters of class piano or completion of Music 2204; Music 2360, 3260, 3547; three sem. hrs. in music electives; eight sem. hrs. of instrumental ensemble, including at least one sem. hr. from 0204, 0205, 0206, 0207, 0215, 0240, 0241, 0242, and four sem. hrs. from 0200, 0210, 0211, or 0220; 30 sem. hrs. in primary instrument. Total, 48 sem. hrs.
2. **Keyboard Emphasis.** Music 2205, 2206, eight sem. hrs. in ensemble including one sem. hr. in 4950, 1-2 sem. hrs. in 0260, and 5-6 sem. hrs. from 0200, 0201, 0210, 0211, 0220, 0221, 0222, or 0230, 0231, 3120; choose primary study in one of the following applied areas. Total, 52-63 sem. hrs.
   a. *Piano Primary*: Music 2221, 2222, 4920 (taken twice); 30 sem. hrs. in applied piano (may include four sem. hrs. of secondary applied keyboard); one sem. hr. in music electives; two sem. hrs. from 2155, 2360, 3155, or 3260. Total, 45 sem. hrs.
   b. *Organ or Harpsichord Primary*: 30 sem. hrs. in applied harpsichord or organ (may include four sem. hrs. in secondary applied keyboard); complete either the instrumental (2360, 3260) or choral conducting (2155, 3155) sequence and one course from the other sequence; eight sem. hrs. in music electives. Total, 42-43 sem. hrs.
   c. *Accompanying Primary*: two sem. hrs. in Music 1136; 0010-001 taken twice; 2221, 2222, 4770, 4920; two sem. hrs. from 2155, 2360, 3155, 3260; 30 sem. hrs. in applied keyboard (may include four sem. hrs. of secondary applied keyboard); six sem. hrs. of French and/or German.** Total, 53 sem. hrs.
   d. *Pedagogy Primary*: a minimum of 46 semester hours selected in consultation with an advisor from the

keyboard pedagogy faculty, including courses in keyboard pedagogy, applied piano (each semester in residence, with the possibility of secondary keyboard study), keyboard literature, conducting/composition or electronic music studio techniques, and music education laboratory and methods.

3. **Vocal Emphasis.** Four semesters of class piano or completion of Music 2204; Music 2141, 2142; 30 sem. hrs. in applied voice; five sem. hrs. from 2155, 3155, 2360, 3260, 4770; eight sem. hrs. in vocal ensemble from 0230, 0231, 0233, 3120; six sem. hrs. in a foreign language (1101C or above).* Total, 56-57 sem. hrs.

4. **Composition Emphasis.** A minimum of 48 semester hours selected in consultation with a composition advisor, including courses in composition (each semester in residence), analysis, orchestration, Sixteenth- and Eighteenth-Century counterpoint, electronic music, conducting (2 semesters), functional skills in piano (1-4 semesters, depending upon previous keyboard experience). May also include independent study or workshop topics in composition or music theory with the approval of the music-theory-history-literature area coordinator.**

(Major GPA based on music courses only.)
*Partially fulfills the humanities requirement.
**Independent study, workshops and experimental courses may fulfill music history or music theory requirements only with prior approval of the department chairperson and the music theory-history-literature area coordinator.

Note: Students with an interest in teaching piano and/or certification by an organization such as Music Teachers National Association (MTNA) may be prepared through the fulfillment of the following courses:

Music 0060	8 sem. hrs.*
Music 1541, 1542, 1543, 1544, 2541	10 sem. hrs.
Music 3582	3 sem. hrs.
Music 2205, 2221, 2222, 4920, 4950	10 sem. hrs.
TOTAL	31 sem. hrs.

*4 sem. hrs. required after junior standing is achieved.

Option in Music with Teacher Certification***

Standard Special Certificate#

Music Theory 1541, 1542, 1543, 1544, 2541, 2542, 2543, 3542; at least two sem. hrs. from 0070, 2070, 3542 (may be taken a second time), 3547, 4541, 4542, 4600*, 4750, 4840, 4850, 4980*	19 sem. hrs.
Music History 1581, 3581, 3582	9 sem. hrs.
Music Education 2440	1 sem. hr.
Recital 1103 (a total of five semesters), 3103, 4103	(audit)
One of the following emphases	34-43 sem. hrs.
TOTAL	63-72 sem. hrs.

#Music Education majors are required to register for applied study and a major ensemble each semester in residence. Major instrumental ensembles include Marching Band, Concert Band, Symphonic Wind Ensemble, and Orchestra; major choral ensembles include Concert Choir, Mixed Chorus, and Music Theatre/Opera Workshop.

1. **Instrumental Emphasis.** Music 1136 or 3136; at least one sem. hr. of vocal ensemble from Music 0230, 0231, 3120; 1301, 2360, 3260, 3400; at least two sem. hrs. from 3547, 4840, 4850. Choose one of the following principals: (Total, 34-40 sem. hrs.)
   a. *String, Wind, or Percussion Instrument Principal*: Music 1302, 1303, 1304, 1305, 1306; two semesters of class piano or completion of 2204; 10 sem. hrs. in applied instrument distributed over seven semesters; six sem. hrs. in major instrumental ensembles (must include more than one ensemble). (Total, 23 sem. hrs.)
   b. *Keyboard Principal*: Music 1302, 1303, 1304, 1305, 1306, 2205, 2206, 2221; 2222 (organists may substitute 2155); 10 sem. hrs. in applied keyboard; six sem. hrs. in major instrumental ensembles. (Total, 28 sem. hrs.)
   c. *Composition Principal*: Four semesters of class piano or completion of Music 2204; three sem. hrs. from Music 1302, 1303, 1304, 1305, 1306; 10 sem. hrs. of applied composition; six sem. hrs. in major instrumental ensembles. (Total, 23 sem. hrs.)
   d. *Accompanying Principal*: Music 0260, 1302, 1303, 1304, 1305, 1306, 2205, 2206, 4950; nine sem. hrs. in applied keyboard; five sem. hrs. in major instrumental ensembles; six sem. hrs. of French and/or German.** (Total, 29 sem. hrs.)

2. **Vocal Emphasis.** Music 2155, 3155, 3439, 3440; at least two sem. hrs. from Music 3547, 4750, 4840, 4850; four sem. hrs. in 0230, 0231. Choose one of the following principal areas of study. Total, 36-43 sem. hrs.
   a. *Vocal Principal*: Four semesters of class piano or completion of Music 2204; 1301, 1302, 1305, 2141, 2142; Music 3120 (taken twice); nine sem. hrs. in applied voice. (Total, 20-22 sem. hrs.)
   b. *Keyboard Principal*: Music 1136 (taken twice); Music 1301, 1302, 1305, 2205, 2206, 3136 (taken twice), 2221; 2222 (organists may substitute 2360); three sem. hrs. from 0230, 0231; 10 sem. hrs. in applied keyboard. (Total, 27 sem. hrs.)
   c. *Composition Principal*: Music 1136 (taken twice); 3136 (taken twice); four semesters of class piano or completion of Music 2204; at least two courses from: 1301, 1302, 1303, 1304, 1305; Music 2141, 2142; three sem. hrs. from 0230, 0231; at least 10 sem. hrs. in applied composition. (Total, 25 sem. hrs.)
   d. *Accompanying Principal*: Music 1136 (taken twice); 3136 (taken twice); Music 0260; two sem. hrs. from 0230, 0231; 1301, 1302, 1305, 2141, 2142, 2205, 2206, 4950; eight sem. hrs. in applied keyboard; six sem. hrs. of French and/or German.** (Total, 29 sem. hrs.)

3. **General Music Emphasis.** Two semesters of class and/or applied piano; (2155, 3155) or (2360, 3260); 3120 (taken twice); Fine Arts 2012C; Music 3439, 3440; four sem. hrs. in class or applied voice; five sem. hrs. in major vocal ensembles; nine sem. hrs. selected from at least two of the following areas: Art 2330C, 2650C, English 3405, 2003, Theatre Arts 1133, 1140C, 3431, Philosophy 3040. Total, 33-35 sem. hrs.

(Major GPA based on music courses only.)
*Independent study and workshops may fulfill music history or music theory requirements only with prior approval of the department chairperson and the music theory-history-literature area coordinator.
**Partially fulfills the humanities requirement.
***For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Music

Music 1541 and 1542	6 sem. hrs.
Music 1581	3 sem. hrs.
Electives in music selected in consultation with a music advisor and including at least six sem. hrs. of courses numbered 3000 and above	12 sem. hrs.
TOTAL	21 sem. hrs.

Minor in Music for Teacher Certification

Music 1541, 1542, 1543, 1544, 1581, 2440, 2541, 2543, 3581, 3582	21 sem. hrs.
Either Vocal Emphasis or Instrumental Emphasis	12-13 sem. hrs.

Vocal Emphasis

Music 2155, 3155, 3439, or 3440; three sem. hrs. in applied or class piano (distributed over three semesters) for voice students, or Music 1136 (twice) and one semester of 0010 for keyboard students; four sem. hrs. in principal applied distributed over four semesters.	
Total	12-13 sem. hrs.

(Participation for at least four semesters in a university choral organization is required.)

Instrumental Emphasis
Music 1302, 1303, 1305, 1306, 2360, 3260, 3400; three sem. hrs. in applied instrumental or keyboard music distributed over three semesters. . . . . 13 sem. hrs.
Total
(Participation for at least four semesters in a university instrumental organization is required.)
TOTAL . . . . . 33-34 sem. hrs.

PHILOSOPHY *(B.A.)*

Major

One general education course in Philosophy . . . . . 3 sem. hrs.
Philosophy 1900, 4480 . . . . . 6 sem. hrs.
History Component*: Philosophy 2000 and 3260 . . . . . 6 sem. hrs.
Value Component* (at least one course): Philosophy 3010, 3020, 3030**, 3040, 3050, 3060 . . . . . 3 sem. hrs.
Theory of Knowledge Component* (at least one course): Philosophy 3030**, 3720, 3740, 3780 . . . . . 3 sem. hrs.
Language Component*: a student must complete either Option A (one year of a foreign language at the college level -- six to eight sem. hrs.) or Option B (Philosophy 3900 -- three sem. hrs.)
Option A . . . . . 6-8 sem. hrs.
Option B . . . . . 3 sem. hrs.
Electives in Philosophy . . . . . 15 sem. hrs.
TOTAL . . . . . Option A: 42-44 sem. hrs.
TOTAL . . . . . Option B: 39 sem. hrs.

*Philosophy 3980 and 4400 may count in satisfaction of any of the components with permission of the department chairperson and may be repeated once.
**Philosophy 3030 may satisfy either (but not both) the Value Component or the Theory of Knowledge Component.
(Major GPA based on all philosophy courses taken at Eastern Illinois University.)

Honors Program for Philosophy Majors with a 3.50 Cumulative GPA
Departmental Honors Requirements

Twelve semester hours in Philosophy Honors courses. Each course may be repeated for a maximum of six hours. Repeating a course requires permission from the Departmental Honors Coordinator.
Philosophy 4444 Honors Independent Study . . . . . 0-6 sem. hrs.
Philosophy 4555 Honors Research . . . . . 0-6 sem. hrs.
Philosophy 4666 Honors Seminar . . . . . 0-6 sem. hrs.
Philosophy 4644 Honors Thesis . . . . . 3-6 sem. hrs.
TOTAL . . . . . 12 sem. hrs.

Students must take at least three credits in Honors Thesis and complete all other requirements for the major. Six credits in Honors courses will replace six credits of philosophy electives. Students in the Philosophy program must maintain an overall grade point average of at least 3.50. Honors Thesis supervision will be undertaken by a faculty member approved by the chair, the Departmental Honors Coordinator, and the student's faculty advisor.

Minor in Philosophy

One general education course in Philosophy . . . . . 3 sem. hrs.
Philosophy 1900 . . . . . 3 sem. hrs.
Philosophy 2000 or 3260 . . . . . 3 sem. hrs.
Electives in philosophy to include at least six sem. hrs. of courses numbered 3000 and above . . . . . 9 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

SOCIAL SCIENCE WITH TEACHER CERTIFICATION *(B.A.)*

Standard High School Certificate*

Major

Economics 2801, 2802, elective in economics . . . . . 9 sem. hrs.
Geography 1100C, 1200C, and 3000 or 3025 or 3200 or 3750 . . . . . 9 sem. hrs.
History 2010, 2020, elective in U.S. history . . . . . 9 sem. hrs.
History 2300, 2400, two elective courses in non-U.S. history . . . . . 12 sem. hrs.
Political Science 1153C, two elective courses in political science . . . . . 9 sem. hrs.
Sociology 2710, two elective courses in sociology . . . . . 9 sem. hrs.
Social Science Methods 3400 . . . . . 3 sem. hrs.
TOTAL . . . . . 60 sem. hrs.

(Major GPA based on all economics, geography, history, social science, political science, and sociology courses taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs."
Satisfactory completion of this major requires:
(1) a grade of C or better in each course that applies to the 60 semester hours of courses required, regardless of where taken;
(2) a major and cumulative grade-point average of at least 2.75 in all courses attempted at Eastern Illinois University; and
(3) at least 39 semester hours of the 60-semester-hours requirement for the social sciences major must be in courses taken at Eastern Illinois University;
(4) at least one course taken in each discipline at Eastern Illinois University.

SPEECH COMMUNICATION *(B.A.)*

Major

Admission to this program requires a minimum of a 2.25 cumulative grade-point average for at least 12 semester hours of work taken at Eastern Illinois University or at another accredited institution of higher education. Graduation from the program requires a 2.25 cumulative grade-point average.
Speech Communication 1000, 2300, 2320, 2520, 2630 . . . . . 13 sem. hrs.
Areas of Concentration I, II, III, or IV selected in consultation with a departmental advisor . . . . . 30 sem. hrs.

I. Rhetoric and Public Address
21 sem. hrs. selected from areas of Applied Forensics, Parliamentary Law, Reasoning in Controversy, Advanced Applied Forensics, Speech Criticism, Advanced Public Speaking, Rhetoric of Women, Contemporary American Public Address, Language Habits in Human Affairs, Psychology of Speech; plus nine sem. hrs. selected from concentrations II, III, and/or special content courses.

II. Interpersonal/Organizational/Public Relations
21 sem. hrs. selected from areas of Listening, Interview and Conference, Communication in Organizations, Communication and Conflict Management, Small Group Communication, Corporate and Non-Broadcast Video, Theories of Interpersonal Communication, Fundamentals of Public Relations, Case Studies in Public Relations; plus nine sem. hrs. selected from concentrations I, III, and/or special content courses.

III. Radio/Television/Film
21 sem. hrs. selected from areas of Basic Broadcast Speech, Radio Production, Film Communication, Television Production, Advanced Broadcast Announcing, Broadcast News Writing, Broadcast News and Special Events, High Technology Communication, Mass Media Advertising/Sales, Corporate and Non-Broadcast Video, Television Directing, Video/Film Editing, Advanced Theory of Mass Communications; plus nine sem. hrs. selected from concentrations I, II, and/or special content courses.

IV. General Speech Communication
12 sem. hrs. selected from concentration II, nine sem. hrs. selected from each of the concentrations I and III.

Special Content Courses may apply to any area of concentration with approval of Department Chair. These include Speech Communication 3700, 4000, 4030, 4170, 4275, 4444, 4555, 4644, 4666.

Honors Program for Speech Communication Majors with a 3.50 Cumulative GPA

Admission to the Departmental Honors Program requires a 3.50 GPA on a 4.0 point scale and the permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Speech Communication Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements:
Minimum of 12 sem. hrs. from the following:
Speech Communication 4555
Honors Research . . . . . 3-6 sem. hrs.
Speech Communication 4444
Honors Independent Study . . . . . 3-6 sem. hrs.
Speech Communication 4666
Honors Seminar . . . . . 3-6 sem. hrs.
Speech Communication 4644
Honors Thesis . . . . . 3 sem. hrs.
TOTAL . . . . . 12-18 sem. hrs.
These courses will have flexible credit and possible repetition with change of content.

Each student must complete 40 hours of Speech Communication classes, 12 of which are met by the Departmental Honors Requirement.

Option in Speech Communication with Teacher Certification*

Standard High School Certificate

NOTE: Minor in a second teaching field other than psychology and theatre arts required.
Speech Communication 2300, 2320, 2340,
2520, 3400, 3900 . . . . . 18 sem. hrs.
Speech Communication 2630, 3710 . . . . . 6 sem. hrs.
Two of a, b, c, d . . . . . 24 sem. hrs.
TOTAL . . . . . 48 sem. hrs.

a. **Radio-TV-Film:** Four courses from Speech Communication 3520, 3530, 3540, 4540, 4750, 4770.
b. **Public Address:** Four courses from Speech Communication 3200, 3230, 3903, 4800, 4830, 4860.
c. **Interpersonal Communication:** Four courses from Speech Communication 3300, 3630, 3660, 4470, 4760.
d. **Theatre Arts**:** Theatre Arts 1133, 1144, 2211, 2258, 3333.

*For the education coursework required for this option, see "Teacher Certification Programs."
**"d" not available to Speech Communication majors with Theatre Arts minor.
With the consent of the chairperson of the department, Speech Communication 4000 may be substituted for any of the above courses except 3400.
(Major GPA based on all theatre arts and speech communication courses taken at Eastern Illinois University.)

Minor in Speech Communication:

Speech Communication 2300, 2320, 2520, 2630 . . . . . 12 sem. hrs.
*Select three sem. hrs. from **EACH** of Areas
I, II, and III . . . . . 9 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

*See "Speech Communication B.A." for a listing of the Speech Communication areas.

Minor in Speech Communication for Teacher Certification

Speech Communication 2300, 2320, 2340,
2520, 3400, 3900 . . . . . 18 sem. hrs.
Speech Communication 4750 or 4800 or 4830 . . . . . 3 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

THEATRE ARTS *(B.A.)*

This broadly based liberal arts program in theatre is designed to prepare students for teaching in the secondary schools or for further training in any of the areas of theatre: acting, directing, technical theatre, or design.

Major

Core Requirements
Performance Courses
Theatre Arts 1133, 1134, 2244, 3220, 3334 . . . . . 11 sem. hrs.
Technical & Design Courses
Theatre Arts 2005, 2210, 2211,** 2220, 2257 . . . . . 11 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3751C, 3752C,
3445 or 3333 . . . . . 12 sem. hrs.
Electives from both lists below
Performance Electives
Theatre Arts 3333, 3344, 3345, 3346, 3431 . . . . . 3 sem. hrs.
Technical & Design Electives
Theatre Arts 3356, 3357, 3358, 3360 . . . . . 3 sem. hrs.
TOTAL . . . . . 40 sem. hrs.

Option in Theatre Arts for Teacher Certification*

Standard High School Certificate

Major Requirements
Performance Courses
Theatre Arts 1133, 1134, 2244, 3220, 3334 . . . . . 11 sem. hrs.
Technical & Design Courses
Theatre Arts 2005, 2210, 2211,** 2220, 2257 . . . . . 11 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3751C, 3752C, 3445 or 3333 . . . . 12 sem. hrs.
Electives from both lists below
Performance Electives
Theatre Arts 3333, 3344, 3345, 3346, 3431 . . . . . 3 sem. hrs.
Technical & Design Electives
Theatre Arts 3356, 3357, 3358, 3360 . . . . . 0-3 sem. hrs.
Theatre Arts 3400*** . . . . . 3 sem. hrs.
NOTE: Students majoring in Theatre Arts with Teaching Certification Option must choose a second teaching area other than psychology or speech communication. ***
TOTAL . . . . . 40-43 sem. hrs.

*For the education coursework required for this option, see "Teacher Certification Programs."
**A fee is required in Theatre Arts 2210 and 2211 for shop materials.
***Teaching Methods 3400 may be taken in the student's second teaching area with Department permission if student is a double major.

Minor in Theatre Arts (Performance, Directing, & Design)

Performance Courses
Theatre Arts 1133 or 1134; 1144 or 2244 or 3431 . . . 5-6 sem. hrs.
Technical & Design Courses
Theatre Arts 2210, 2211** . . . . . 6 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3445 or 3333 . . . . . 6 sem. hrs.
TOTAL . . . . . 17-18 sem. hrs.

Minor in Theatre Arts for Teacher Certification

Performance Courses
Theatre Arts 1133 or 1134, 1144 or 2244, 3431 . . . . . 8-9 sem. hrs.
Technical & Design Courses
Theatre Arts 2210, 2211** . . . . . 6 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3445 or 3333 . . . . . 6 sem. hrs.
Theatre Arts 3400 . . . . . 3 sem. hrs.
TOTAL* . . . . . 23-24 sem. hrs.

**A fee is required in Theatre Arts 2210 and 2211 for shop materials.

LUMPKIN COLLEGE OF BUSINESS AND APPLIED SCIENCES

Theodore W. Ivarie, *Dean*
Martha Brown, *Associate Dean*
Kathleen Bennett, *Assistant to the Dean*
Wanda Johnson, *Academic Advisor, School of Business*
Judith Sunderman, *Academic Advisor, School of Business*
Doreen Nelms, *Admissions Officer, School of Business*
Rose Myers-Bradley, *Academic Advisor, School of Family and Consumer Sciences*
Betsy Miller, *Academic Advisor, School of Technology*

General Mission

The mission of the Lumpkin College of Business and applied Sciences is to create an academic environment based on intellectual inquiry that facilitates for stakeholders the development of personal, professional, and technical characteristics that have economic and social value.

Bachelor's degrees are earned through a variety of programs. Business majors include Accountancy, Administrative Information Systems, Computer Management, Finance, Management, and Marketing. The Applied Sciences include programs in Family and Consumer Sciences and Technology. The Family and Consumer Sciences major provides options in Dietetics, Business, Family Services, and Family and Consumer Sciences Education. The Industrial Technology major has an option in Manufacturing Technology and several concentrations. These are complemented with a major in Technology Education. Students may also choose a major in Career Occupations. In addition, students from other majors can pursue minors in Business Administration, Family and Consumer Sciences and Industrial Technology, along with teacher certification minors in Family and Consumer Sciences and Technology Education. The college also supports the Business Education major, which leads to a Bachelor of Science in Education, and minor.

Military Science offers academic minors in two- and four-year programs leading to commissions as officers in the United States Army, Army Reserve, or National Guard. Students in the Military Science/Reserve Officers Training Corps (ROTC) can pursue any major recognized by the University.

Graduate programs include the Master of Business Administration, the Master of Science in Family and Consumer Sciences, and the Master of Science in Technology, as well as the Master of Arts in Gerontology, a multi-disciplinary program administered in the College. In addition, the college supports the Master of Science in Education/ Business Education. (See the *Graduate Catalog* for further information on graduate programs.)

Faculty of the Lumpkin College of Business and Applied Sciences

Accountancy/Finance
Frank Clark, *Chairperson*
Born, W.; Davis, H.; Dudley, D.; Dudley, L.; Gueldner, G.; Hogan, S.; Jordan-Wagner, J.; Kopel, R.; Laribee, S.; Michelson, S.; Mills, T.; Moncada, T.; Monippallil, M.; Nibbelin, M.; Walker, L.; Wootton, C.

Business Education/Administrative Information Systems
Lillian R. Greathouse, *Chairperson*
Garrett, N.; Graves, P.; Lindley, K.; Luft, R.; Lundgren, C.; Lundgren, T.; McGrady, D.; Nantz, K.; Noll, C.; Wilkins, M.

Computer and Operations Management
Yunus Kathawala, *Chairperson*
Allen, W.; Bomball, M.; Hampton, V.; Ketler, K.; Laribee, J.; Lloyd, S.; Willems, J.; Wilson, M.

Management/Marketing
H. Lee Meadow, *Chairperson*
Arnold, A.; Arseneau, D.; Brankey, E.; Chandler, W.; Dudley, S.; Elmuti, D.; Freese, C.; Joyner, A.; Kemmerer, B.; Marlow, E.; Marlow, N.; Prasad, J.; Preston, S.; Roszkowski, C.; Wayland, J.; Wayland, R.; Weller, R.

School of Family and Consumer Sciences
Loretta Prater, *Chairperson*
Armstrong, C.; Baker, D.; Browning, V.; Burns, M.; Butts, R.; Campanis, L.; Dilworth, J.; Dow, R.; Franklin, N.; Gosselin, L.; Hubbard, M. L.; McAlister, P.; McCallister, P.; Murphy, F.; Ozier, S. J.; Ries, C.; Slavik, J.; Woolever, C.

School of Technology
Charles Coddington, *Chairperson*
Boldrey, T.; Butler, L.; Felstehausen, J.; Helsel, L.; Izadi, M.; Kirby, C.; Liu, P.; Messer, J.; Richardson, R.; Strandberg, G.; Sutliff, R.; Toosi, M.; Waskom, T.; Watson, C.; Wiseman, R.; Woodley, D.

Military Science (ROTC)
David Sims, *Chairperson*
Dean, B.; Guidry, L.; Jans, A.; Larose, G.; Royle, B.; Rosson, S.; Todd, M.

SCHOOL OF BUSINESS

Admission to the School of Business

APPLICATION FOR ADMISSION:

Students wishing to pursue a Bachelor of Science in Business are classified as pre-business, and not allowed to begin upper-division business courses until admitted to upper-division standing in the School of Business. To be eligible to make application for admission to upper-division standing, the student must meet the following requirements:

1. Admitted to the University **(ADMISSION TO THE UNIVERSITY DOES NOT GUARANTEE ADMISSION TO THE SCHOOL OF BUSINESS.)**
2. Complete an application prior to the first day of classes for the semester of desired admission (BY 4:30 P.M. ON LAST BUSINESS DAY).
3. Have a 2.50 cumulative GPA (and all transcripts on file) at the time of application.
4. Have 60 semester hours completed in the semester in which student makes application.
5. Have completed, or be enrolled in, the following 3 tool courses (a grade of C or better is required in each course.):
   *Accounting 2150, Principles of Accounting II
   *Administrative Information Systems/Computer and Operations Management 2100, Computer Concepts and Applications for Business
   *Computer and Operations Management 2810, Business Statistics I
   (**Prerequisite of 30 semester hours*)
6. Classified as a pre-business major.
7. Must be in good academic standing.

A student cannot be enrolled in any 3000-level business course at the time of application to the School of Business.

Students who have not yet met the requirements for application to a major in business will remain classified as pre-business.

Grades received from previously attended colleges that are accepted at EIU will be used in calculating the GPA for entrance into the School of Business. New transfer students who indicate on the application for admission to the University that they intend to major in the School of Business do not need to file a separate application; however, they must satisfy the criteria of application for admission state above. New transfer students apply to the School of Business by submitting official transcripts to the Admissions Office immediately following the end of each grading period. Those who meet the application criteria will be accepted pending successful completion of all admission criteria.

ACCEPTANCE TO THE SCHOOL OF BUSINESS:

Prior to final acceptance to upper-division standing in the School of Business, students must complete:

1. 60 semester hours.
2. All three of the tool courses listed below with a grade of C or better in each:
   Accounting 2150, Principles of Accounting II
   Administrative Information Systems/Computer Operations Management 2100, Computer Concepts and Applications for Business
   Computer and Operations Management 2810, Business Statistics I

Students who do not meet the criteria for acceptance will continue in pre-business status and must initiate a new application for reconsideration at a later time.

A student who has been academically dismissed from Eastern Illinois University after being admitted to upper-division standing in business will be reclassified as a pre-business major. Once readmitted to the university, the student must reapply to the School of Business and meet all application and admission criteria before being allowed to take upper-division business courses.

All business majors are required to meet with their assigned advisers before registration.

Students may receive a grade in an upper-division business class a maximum of two times. Once a grade has been received in an upper-division business class at Eastern, that course will not be accepted by the School of Business in subsequent transfer from another college or university.

Non-business majors wishing to enroll in upper-division business classes may do so during registration. Regardless of student status, all pre-requisites for business classes must be met prior to attendance.

A School of Business Committee on Admissions will review student appeals, admission procedures, and special situations. All decisions of the Committee are final.

Application to the School of Business should be made to:

(Currently Enrolled Students)
Office of Undergraduate Studies in Business
Lumpkin College of Business & Applied Sciences
Lumpkin Hall, Room 112
Eastern Illinois University
Charleston, Illinois 61920
Telephone: (217) 581-2623

(New Transfer Students)
Office of Admissions
Old Main, Room 117
Eastern Illinois University
Charleston, Illinois 61920
Telephone: (217) 581-2223
1-800-252-5711

SCHOOL OF BUSINESS: ACADEMIC PROGRAMS

The undergraduate and master's business programs offered by the Lumpkin College of Business and Applied Sciences are accredited by the American Assembly of Collegiate Schools of Business (AACSB).

Honors Program for Business Majors with a 3.50 Cumulative GPA

The purpose of the Eastern Illinois University Business Honors Program is to provide enriched educational experiences for academically superior students. The Business Honors Program offers students the opportunity to enhance their academic and leadership skills through interaction with talented faculty, business leaders, and fellow honors students.

The objectives of the Business Honors Program are to:
- Broaden student exposure to business issues and trends
- Enhance students' preparation for graduate study or a profession
- Develop mentoring relationships between faculty and students
- Provide an opportunity for seminar-style business classes with limited enrollments
- Allow students to comprehensively research a business topic
- Provide outstanding internship opportunities
- Enhance students' research and communication skills
- Provide for interaction with other highly motivated business honors students

Admissions Requirements
- Admission to a business programs major
- ACT score of 26 or higher, or SAT (combined Math and Verbal) of 1100 or higher, or cumulative GPA of 3.5 or higher
- Approval of the Business Honors Coordinator based on successful completion of a written essay and interview

Program Requirements
- 3.5 cumulative grade point average
- Completion of 12 semester hours of coursework

Required: MGT 4391, Strategy and Policy, Honors Seminar
BUS 4555 Honors Research

The remaining six hours will be satified by courses approved by the Business Honors Program Coordinator (e.g., BUS 4275, ECN 3891, EIU 4043C).

ACCOUNTING *(B.S. in Business)**

IMPORTANT NOTICE: Beginning in 2001, persons wishing to take the CPA examination in the State of Illinois will be required to have completed 150 semester hours of college credit including a baccalaureate or higher degree. Those planning to sit for the exam in the year 2000 should plan on completing all degree requirements by August 2000. Please contact the Department of Accountancy and Finance for details regarding future program changes.

Accountancy is the art of accumulating, measuring, communicating, and interpreting financial activity. Broadly speaking, the accounting field is composed of three segments: public, private, and governmental.

Major

Accountancy 2100, 2150, 3030, 3041, 3051, 3701, 4050, 4610, 4850, 4900 . . . . . 31 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Computer and Operations Management 2810, 3950, 4250 . . . . . 9 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Management 2750, 3010, 3470, 4360 . . . . . 12 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 2110C, 2120C . . . . . 6 sem. hrs.
TOTAL . . . . . 76 sem. hrs.

For requirements for admission to the School of Business in the Lumpkin College of Business and Applied Sciences, see page 70.
*The major GPA will be based on business courses required for the major plus any electives taken with the same prefix as the major.
[1]On the basis of the Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.

ADMINISTRATIVE INFORMATION SYSTEMS *(B.S. in Business)**

Administrative Information Systems prepares students for careers relating to end-user computing, such as office supervisors and managers, office systems analysts, business and industry computer trainers, microcomputer specialists, and records and micrographics personnel.

Major

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Administrative Information Systems 2020, 3100, 3200, 3610, 4000, 4700 . . . . . 18 sem. hrs.
Computer and Operations Management 2310, 2810, 3950, 4250 . . . . . 12 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Management 2750, 3010, 4360 . . . . . 9 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 2110C, 2120C[1] . . . . . 6 sem. hrs.
RESTRICTED ELECTIVES -- Students must take two of the following: Administrative Information Systems 3140, 4500, 4600; Business Education 2630 . . . . . 6 sem. hrs.
TOTAL . . . . . 75 sem. hrs.

For requirements for admission to the School of Business in the Lumpkin College of Business and Applied Sciences, see page 70.
*The major GPA will be based on business courses required for the major plus any electives taken with the same prefix as the major.
[1]On the basis of the Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.

BUSINESS EDUCATION *(B.S. in Education)*

Business Education prepares students for careers as secondary business teachers.

Major

Accounting 2100 . . . . . 3 sem. hrs.
Administrative Information Systems 2100, 3610 . . . . . 6 sem. hrs.
Business Education 1420, 3000, 3350, 3403/3404 . . . . . 12 sem. hrs.
Concentration in at least one of the following:
Accounting
Accounting 2150, 2200; Finance 3710 . . . . . 9 sem. hrs.
AND/OR
Basic Business
Management 2750, 3010; Marketing 3740 . . . . . 9 sem. hrs.
AND/OR
Information Processing
Administrative Information Systems 2020, 3100 . . . . . 6 sem. hrs.
Business Education 2630 . . . . . 3 sem. hrs.
Restricted Electives . . . . . 6-16 sem. hrs.
Professional Education . . . . . 23-26 sem. hrs.*
General Education
Language/Communication
English 1001C, 1002C; Speech Communication 1310C . . . . . 9 sem. hrs.
Cultural Experience
English 2009C, 2010C, 2011C, or 3009C . . . . . 3 sem. hrs.
Art 3610C, Art/Music/Theatre Arts 2012C, or Music 3562C . . . . . 3 sem. hrs.
Foundations of Civilization
Art 3620C, English 3100C, 3110C, or History 1500C . . . . . 3 sem. hrs.

Human Behavior/Social Interaction
Philosophy 2500C or History 3700C . . . . . 3 sem. hrs.
Foreign Language . . . . . 0-6 sem. hrs.
Well-Being
Health Studies 2000C, Family and Consumer Sciences 2472C, or Physical Education 2850C . . . . . 3 sem. hrs.
Mathematics and Quantitative Reasoning
Mathematics 2250C . . . . . 4 sem. hrs.
Scientific Awareness
One biological science; one physical science; and one biological or physical science; one lab . . . . . 9 sem. hrs.
U.S. Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Social Studies
Economics 2801 and 2802; History 2010 or 2020 . . . . . 9 sem. hrs.
Senior Seminar (outside area of business) . . . . . 2 sem. hrs.

(Major GPA based on all Business courses taken at Eastern Illinois University.)
*The Traditional Plan consists of 28 semester hours and the Alternate Secondary Education Program (ASEP) consists of 24-25 semester hours. (See Teacher Education section of the catalog for course requirements.)

Minor in Business Education for Teacher Certification

Administrative Information Systems 2100, 3610 . . . . . 6 sem. hrs.
Business Education 1420, 3403/3404 . . . . . 6 sem. hrs.
Statistics or two semesters of college mathematics . . . . . 3-6 sem. hrs.
AND ONE OF THE FOLLOWING:
Accounting
Accounting 2100, 2150, and an upper division accounting or finance course . . . . . 9 sem. hrs.
Basic Business
Economics 2801, 2802 . . . . . 6 sem. hrs.
Business Education 3000 . . . . . 3 sem. hrs.
Information Processing
Administrative Information Systems 2020, 3100 . . . . . 6 sem. hrs.
Business Education 2630 . . . . . 3 sem. hrs.
TOTAL . . . . . 24-27 sem. hrs.

COMPUTER MANAGEMENT *(B.S. in Business)**

The Computer Management major centers on the design, development and programming of information systems on large mainframe computers and micro-computer networks in the corporate environment.

Major

Accounting 2100, 2150 . . . . . 6 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Computer and Operations Management 2310, 2810, 3250, 3290, 3310, 3330, 3350, 3950, 4610 . . . . . 27 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Management 2750, 3010, 4360 . . . . . 9 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 2110C, 2120C[1] . . . . . 6 sem. hrs.

Two of the following:
Computer and Operations Management 2250, 3800, 4275, 4740, 4810, 4820, 4850 or Mathematics 3670 . . . . . 6 sem. hrs.
TOTAL . . . . . 72 sem. hrs.

*For requirements for admission to the School of Business in the Lumpkin College of Business and Applied Sciences, see page 70.
*The major GPA will be based on business courses required for the major plus any electives taken with the same prefix as the major.
[1]On the basis of the Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.

FINANCE *(B.S. in Business)**

The finance major provides students with a basic knowledge of corporate financial management, financial institutions, investments, real estate and insurance.

Major

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Computer and Operations Management 2810, 3950, 4250 . . . . . 9 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Finance 3710, 3720, 3730, 3775, 4830 . . . . . 15 sem. hrs.
Management 2750, 3010, 4360 . . . . . 9 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
[1]Mathematics 2110C, 2120C . . . . . 6 sem. hrs.
Five of (at least four must be Finance):
Finance 3740, 3750, 3900, 4040, 4100, 4200, 4300, 4820; Accountancy 3030, 3041 . . . . . 15 sem. hrs.
TOTAL . . . . . 75 sem. hrs.

For requirements for admission to the School of Business in the Lumpkin College of Business and Applied Sciences, see page 70.
*The major GPA will be based on business courses required for the major plus any electives taken with the same prefix as the major.
[1]On the basis of the Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.

MANAGEMENT *(B.S. in Business)**

Management majors take a core of basic management courses. Students may then select from courses in areas of human resource management, international business, management internship, or related areas of business to meet their career objectives. Since the study of management lends itself to many disciplines, job opportunities are found in both profit and not-for-profit, small and large organizations.

Major

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Computer and Operations Management 2810, 3950, 4250 . . . . . 9 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Management 2750, 3010, 3450, 4310, 4320, 4360 . . . . . 18 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 2110C, 2120C . . . . . 6 sem. hrs.
Six of (at least four must be Management)
Management 3470, 3480, 3830, 4275, 4340, 4370, 4450, 4500, 4550, 4800, 4920, 4950; Marketing 3720, 4470, 4490; Computer and Operations Management 3800, 4320, 4350 . . . . . 18 sem. hrs.
TOTAL . . . . . 75 sem. hrs.

For requirements for admission to the School of Business in the Lumpkin College of Business and Applied Sciences, see page 70.
*The major GPA will be based on business courses required for the major plus any electives taken with the same prefix as the major.
[1]On the basis of the Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.

MARKETING *(B.S. in Business)**

Eastern's marketing major prepares graduates for entry positions in careers such as marketing management, professional sales, and marketing research. Marketers are involved in both private and public sector organizations.

Major

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Computer and Operations Management 2810, 3950, 4250 . . . . . 9 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Management 2750, 3010, 3470, 4360 . . . . . 12 sem. hrs.

Marketing 3470, 3720, 4700 . . . . . 9 sem. hrs.
Mathematics 2110C, 2120C[1] . . . . . 6 sem. hrs.
Select concentration in Sales Management, Marketing Communications or General Marketing . . . . . 15 sem. hrs.
TOTAL . . . . . 72 sem. hrs.

Sales Management
Marketing 4470 and 4480 PLUS 9 hours of marketing electives selected from Marketing 3490, 3780, 3860, 3875, 3876, 4490, 4100, 4740.

Marketing Communications
Marketing 3780, PLUS one of Journalism 3501, 3820, or Speech Communication 3920, PLUS 9 hours of Marketing electives selected from Marketing 3490, 3860, 3875, 3876, 4470, 4480, 4490, 4100, 4740.

General Marketing
15 hours of marketing selected from Marketing 3490, 3780, 3860, 3875, 3876, 4470, 4480, 4490, 4100, 4740.

Note: MAR 4275 Marketing Internship may not be used as a substitute for either a required marketing course or a marketing elective in any of the three concentrations.

For requirements for admission to the School of Business in the Lumpkin College of Business and Applied Sciences, see page 70.

*The major GPA will be based on business courses required for the major plus any electives taken with the same prefix as the major.
[1]On the basis of the Eastern Illinois University Mathematics Placement Examination a student may also be required to take Mathematics 1270 and/or 1271.

Minor in Interdisciplinary Business Administration

Accountancy 2100 . . . . . 3 sem. hrs.
Administrative Information Systems 2100 or Computer and Operations Management 2100 . . . . . 3 sem. hrs.
Business Education 1420 . . . . . 3 sem. hrs.
Management 3010 . . . . . 3 sem. hrs.
Twelve additional hours to be chosen from:
Accountancy 2150, 2200, 3701, 4800, Administrative Information Systems 3610 or Management 3830, Administrative Information Systems 2020, 4600, Economics 2801, 2802, Finance 3710, 3740, 3900, Management 2750, 4310, Marketing 3470, 3490, 3720, 3780 or 4470 . . . . . 12 sem. hrs.
TOTAL . . . . . 24 sem. hrs.

Note: Not available for students in business-related majors.

ACADEMIC PROGRAMS: SCHOOL OF FAMILY AND CONSUMER SCIENCES

The Family and Consumer Sciences Program is accredited by the American Association of Family and Consumer Sciences.

FAMILY AND CONSUMER SCIENCES *(B.S.)*

Major in Family and Consumer Sciences: Option in Dietetics

(Approved by the American Dietetic Association)

Family and Consumer Sciences 1120, 1800, 2244, 2270, 2472C, 2800, 3120, 3140, 3151, 3300, 4140, 4274, 4275, 4400, 4750, 4751, 4940 . . . . . 49 sem. hrs.
Botany 2000C . . . . . 3 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315), 1410C, 1415C, 3430, 3435, 3450 . . . . . 16 sem. hrs.
Mathematics 2250C . . . . . 4 sem. hrs.
Administrative Information Systems/COM 2100 . . . . . 3 sem. hrs.
Economics 2801 . . . . . 3 sem. hrs.
Management 3010 . . . . . 3 sem. hrs.
Psychology 2000 or 1879C . . . . . 3 sem. hrs.
Sociology 2750C . . . . . 3 sem. hrs.
Zoology 2001C . . . . . 3 sem. hrs.
TOTAL . . . . . 90 sem. hrs.

Option in Family and Consumer Sciences in Business

Family and Consumer Sciences 1800, 2244, 2270, 2472C, 2800, 3300, 3920, 4274, 4275, 4400 . . . . . 25 sem. hrs.
Accountancy 2100 . . . . . 3 sem. hrs.
Administrative Information Systems/COM 2100 . . . . . 3 sem. hrs.
Business Education 1420 . . . . . 3 sem. hrs.
Economics 2801, 2802 . . . . . 6 sem. hrs.
Management 3010 . . . . . 3 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Area I or II or III . . . . . 29-33 sem. hrs.
TOTAL . . . . . 75-79 sem. hrs.

Area I (Merchandising)
A minimum of 30 semester hours of coursework including study in fashion buying and distribution, business and product communications, clothing and textiles, social and historic aspects of clothing, consumer concerns, journalism and psychology.

Area II (Consumer Affairs)
A minimum of 29 semester hours of coursework including study in the areas of business and product communications, personal and financial investments, foods principles, consumer concerns, legal concerns, social behavior, journalism and psychology.

Area III (Hospitality Services)
A minimum of 33 semester hours of coursework including study in the areas of microbiology, foods principles, hospitality industry operations and administration, institutional management, food systems management, legal concerns, business and product considerations, and internship.

Option in Family Services

Family and Consumer Sciences 1120, 1800, 2244, 2270, 2472C, 2800, 2850, 3300, 3307, 3853, 4274, 4275, 4400, 4840, 4845 . . . . . 36 sem. hrs.
Select 14 sem. hrs. from the following:
Family and Consumer Sciences 2831, 3800, 3820, 4300, 4753, 4820, 4846, 4851, 4854, 4859, 4860 . . . . . 14 sem. hrs.
Psychology 1879C or 2000, 3521, 3780 . . . . . 9 sem. hrs.
Sociology 2710, 2750C, 3600 . . . . . 9 sem. hrs.
TOTAL . . . . . 68 sem. hrs.

(Major GPA based on all Family and Consumer Sciences courses taken at Eastern Illinois University.)

Honors Program for Family and Consumer Sciences Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 grade point average on a 4.0 point scale, and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Family and Consumer Sciences Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements
Family and Consumer Sciences 2492C
Honors Nutrition . . . . . 3 sem. hrs.
OR
Family and Consumer Sciences 4444
Honors Independent Study . . . . . 3 sem. hrs.
Family and Consumer Sciences 4555
Honors Research . . . . . 3 sem. hrs.
Family and Consumer Sciences 4644
Honors Thesis* . . . . . 3 sem. hrs.
Family and Consumer Sciences
Graduate Level Course** . . . . . 3 sem. hrs.
TOTAL . . . . . 12 sem. hrs.#

*Honors Thesis required by University Honors guidelines.
**5000-5499 graduate course approved by the School of Family and Consumer Sciences. (Must be taken in senior year -- University guidelines)
#Student may petition (*see below*) School of Family and Consumer Sciences to substitute up to three (excepting FCS 2492C) semester hours of FCS Honors Credit for requirements within the major.

Procedures:
Student petitions must be submitted to the School of Family and Consumer Sciences' Honors coordinator who will in turn submit the request to faculty in the appropriate subject matter area. Requirements within the student's subject matter option and the School of Family and Consumer Sciences' core curriculum will have to be addressed and satisfied before approval is recommended. The recommended petition will then require the signature of the School of Family and Consumer Sciences Chair for final approval.

Option in Family and Consumer Sciences Education with Teacher Certification*

Standard High School Certificate

All University Integrated Core Requirements
English 1001C, 1002C, Speech 1310C . . . . . 9 sem. hrs.
Other Integrated Core Requirements
Cultural Experience
Fine Arts (Art/Music/Theatre Arts 2012C,
Music 2562C or Art 3610C)** . . . . . 3 sem. hrs.
Literature (any English course in this
component of the Integrated Core)** . . . . . 3 sem. hrs.
Foreign Language* . . . . . 0-6 sem. hrs.
Foundations of Civilization
History 1500C or English 3110C** . . . . . 3 sem. hrs.
Human Behavior, Social Interaction and Well-Being
Family and Consumer Sciences 2472C** . . . . . 3 sem. hrs.
Additional hours (Anthropology 2200C, Economics
2800C, or Sociology 2750C)** . . . . . 3 sem. hrs.
Quantitative Reasoning and Problem-Solving . . . . . 3 sem. hrs.
Scientific Awareness
(Both biological and physical sciences,
including one laboratory course)** . . . . . 9 sem. hrs.
Senior Seminar (after 75 hrs.) . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C** or 1193C** . . . . . 3 sem. hrs.
Major
Family and Consumer Sciences 1120,
1800, 2234, 2244, 2270, 2800, 2850,
3140, 3300, 3307, 3853, 4400, 4840 . . . . . 37 sem. hrs.
Professional Education/Other Requirements
Education Courses
Educational Foundations 2555, 4450; Educational
Psychology 3325; Secondary Education 2000,
3330; Special Education 3500 . . . . . 16 sem. hrs.
Professional Semester
Student Teaching 4000, 4001; Family
and Consumer Sciences 3400 . . . . . 16 sem. hrs.
Other
History 2010 or 2020** . . . . . 3 sem. hrs.
Other Graduation Requirements
Writing Competency Examination (junior
level, to be taken after student has
completed English)
Electives to be Completed . . . . . 4 to 1 sem. hrs.
TOTAL . . . . . 120 sem. hrs.

(Major GPA based on all Family and Consumer Sciences courses taken at Eastern Illinois University.)
*May be completed prior to college entrance. If foreign language courses are not taken at the college level, three sem. hrs. are needed to meet the Humanities requirement for State Teacher Certification.
**Specific General Education courses which meet State Teacher Certification requirements.

Minor in Family and Consumer Sciences

Family and Consumer Sciences 1800,
2472C, 3300 . . . . . 9 sem. hrs.
Electives in Family and Consumer Sciences
in consultation with a Family and Consumer
Sciences advisor and including at least three
additional semester hours of courses
numbered 3000 or above . . . . . 12 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

Minor in Family and Consumer Sciences for Teacher Certification

Family and Consumer Sciences 1120, 1800,
2234, 2472C, 2850, 3400; 2244 or 3300 . . . . . 21-22 sem. hrs.
Electives in Family and Consumer Sciences . . . . . 3-2 sem. hrs.
TOTAL . . . . . 24 sem. hrs.

ACADEMIC PROGRAMS: SCHOOL OF TECHNOLOGY

The Industrial Technology program is accredited by the National Association of Industrial Technology.

CAREER OCCUPATIONS *(B.S.)*

The Career Occupations Program offers a bachelor of science degree with a major in Career Occupations. This program is designed specifically for adults with significant employment experience and allows them to pursue a bachelor's degree on a part-time basis. Academic credit for college level learnings from prior occupational experiences is available through preparation and assessment of a portfolio.

Major

General Requirements
Cultural Experience . . . . . 6 sem. hrs.
Foreign Languages . . . . . 0-6 sem. hrs.
Foundations of Civilization . . . . . 3 sem. hrs.
Human Behavior, Social Interaction,
and Well-Being . . . . . 6 sem. hrs.
Language . . . . . 9 sem. hrs.
Quantitative Reasoning and Problem Solving . . . . . 3 sem. hrs.
Scientific Awareness . . . . . 8 sem. hrs.
Senior Seminar . . . . . 2 sem. hrs.
United States Constitution . . . . . 3 sem. hrs.

Major Requirements
Career Occupations 4810 . . . . . 3 sem. hrs.
Career Occupations 4820 . . . . . 3 sem. hrs.
Career Occupations 4830 . . . . . 3 sem. hrs.
Technical Specialization . . . . . 20 sem. hrs.
Prior Occupational Learnings . . . . . 1-30 sem. hrs.*
Electives
Career Occupations 3300 . . . . . 1-20 sem. hrs.
Career Occupations 4275 . . . . . 1-15 sem. hrs.
Career Occupations 4300 . . . . . 3 sem. hrs.
Electives to total . . . . . 120 sem. hrs.**

Students may also select an area of concentration consisting of courses taken in addition to the General Requirements and Major Requirements. Each concentration is planned to supplement the student's professional goals or

personal interests and must be done in consultation with the student's advisor. The two areas of concentration and the recommended electives for each are as follows:

Training/Development

Nine semester hours from the following list of courses. Courses must be taken from at least two different departments:

Career Occupations 4275*, 4300*, 4800, 4840, 4850*
English 4760
Educational Foundations 4750
Secondary Education 4751
(*3 semester hour limit)

Supervision/Leadership

Nine semester hours from the following list of courses. Courses must be taken from at least two different departments.

Career Occupations 3500, 4300*, 4850*
Industrial Technology 4943
Psychology 3250, 3530
Business Education 4750
Management 3010
Speech Communication 3300, 4470
Sociology 2840
(*3 semester hour limit)

---

*Credit may be granted via Career Occupations 3200 or other course numbers within the particular academic department via preparation and submission of a portfolio which explicitly describes college-level learnings based on prior occupational experiences.

**Must contain at least 25 sem. hrs. of courses from Eastern Illinois University.

INDUSTRIAL TECHNOLOGY *(B.S.)*

The Industrial Technology program provides a broad education that emphasizes the study of materials, processes, and management. The program is designed to prepare technical or technical management-oriented professionals for employment in business, industry, and government. Individuals interested in working with people, materials, and processes will find Industrial Technology provides an excellent foundation for a challenging career.

Major

Administrative Information Systems 2100 or Computer and Operations Management 2100 or Mathematics 2310	3 sem. hrs.
Chemistry (1300, 1315) or (1310, 1315)	4 sem. hrs.
Economics 2800C or 2801	3 sem. hrs.
English 3005	3 sem. hrs.
Health Studies 3350	2 sem. hrs.
Industrial Technology 1043, 1263, 1413, 2324, 3703, 4002, 4843, 4943	24 sem. hrs.
Management 3010	3 sem. hrs.
Mathematics 1340 and 2110C; or 1441C	5-6 sem. hrs.
Physics (1150, 1160C) or (1350, 1360C)	8 sem. hrs.
Electives chosen from: Accountancy 2100, Industrial Technology 2953, 3012, 3043, 3053, 4673, 4803 (courses will not double count for concentration and to meet elective hours)	9 sem. hrs.
Technical concentration in electronics, construction, production, graphic communication, or general	15 sem. hrs.
TOTAL	79-80 sem. hrs.

Technical Concentration I: Electronics

A minimum of 15 semester hours of coursework including study in the areas of digital electronics, semiconductor circuits, microprocessor electronics, robotics, and industrial electronics.

Technical Concentration II: Construction

A minimum of 15 semester hours of coursework including study in the areas of architectural drafting, blueprint reading, surveying, cost estimating, construction practices, construction materials, construction specifications, and business law.

Technical Concentration III: Production

A minimum of 15 semester hours of coursework may include study in the areas of metrology, drafting and design, CAD, CNC, metallurgy, machining technology, fabrication, material handling, robotics, and automation. The concentration must include a minimum of six hours of coursework related to industrial processes.

Technical Concentration IV: Graphic Communication

A minimum of 15 semester hours of coursework including study in the areas of graphic processes, image preparation, image conversion, press and bindery, continuous tone photography and digital imaging.

Technical Concentration V: General

A minimum of 15 semester hours of coursework of in-depth technological courses to be selected by the student in consultation with the advisor and with the approval of the program coordinator. The plan must include a minimum of twelve hours of upper division courses, of which nine hours must be in Technology.

(Major GPA based on all Industrial Technology courses taken at Eastern Illinois University.)

Note: Independent study may not be used for concentrations.

Honors Program for Industrial Technology Majors with a 3.50 Cumulative GPA

Industrial Technology majors with a cumulative and a major GPA of 3.50 or above, on a 4.00 scale, will be eligible for the Industrial Technology Departmental Honors Program. Twelve semester hours in Industrial Technology Honors courses will replace nine semester hours of program requirements, and three hours of general electives. Two to three hours of Honors Thesis will be required.

Departmental Honors Requirements

In addition to completion of all B.S. degree requirements in Industrial Technology, the student must complete at least 12 hours in the following courses:

Industrial Technology 4444, Honors Independent Study[1]	3-4 sem. hrs.
Industrial Technology 4555, Honors Research[2]	3 sem. hrs.
Industrial Technology 4644, Honors Thesis	2-3 sem. hrs.
Elective courses (5000 through 5499)[3]	3 sem. hrs.

---

[1]Up to four hours of Honors Independent Study may be counted toward the 15 hours of required coursework in a technical concentration.

[2]Honors Research credits may be counted toward the nine hours of required Industrial Technology electives.

[3]May be counted toward technical concentration or required electives in Industrial Technology with the approval of Departmental Honors Coordinator and the Graduate School.

Option in Manufacturing Technology

Computer and Operations Management 2100 or Mathematics 2310	3 sem. hrs.
Chemistry (1300, 1315) or (1310, 1315)	4 sem. hrs.
Economics 2800C	3 sem. hrs.
English 3005	3 sem. hrs.
Health Studies 3350	2 sem. hrs.
Industrial Technology 1043, 1263, 1413, 2184, 2953, 3012, 3053, 3103, 3113, 3143, 3203, 3703, 3803, 4002, 4023, 4602, 4673, 4803, 4843, 4943	58 sem. hrs.
Mathematics (1340 and 2110C) or 1441C	5-6 sem. hrs.
Physics (1150, 1160C) or (1350, 1360C)	8 sem. hrs.
TOTAL	86-87 sem. hrs.

Minor in Industrial Technology

Industrial Technology 1043, 1263, 4843; Management 3010 or Business Education 1420	12 sem. hrs.
Industrial Technology 3703 or 3012 or 3043 or 4002	2-3 sem. hrs.
Electives in Industrial Technology (excluding INT 2200C and 3300C)	7-6 sem. hrs.
TOTAL	21 sem. hrs.

TECHNOLOGY EDUCATION WITH TEACHER CERTIFICATION* *(B.S.)*

Standard High School Certificate

The Technology Education program at Eastern Illinois University is designed to prepare students to teach industrial arts/technology education at the secondary school level. Graduates of the program are certified by the State of Illinois to teach grades six through twelve.

Major

Industrial Technology 1364, 1413, 2064, 2324, 3400	18 sem. hrs.
Technical Concentration in Construction, Drafting/Design, Electronics, Graphic Communications, Industrial Technology, or Manufacturing	9 sem. hrs.
Electives in Industrial Technology	5 sem. hrs.
TOTAL	32 sem. hrs.

Technical Concentration I: Construction
Blue print reading, surveying, cost estimating, architectural drafting and design, machine processes, and fabrication.

Technical Concentration II: Drafting/Design
Architectural drafting, mechanical drafting, civil drafting, computer-aided drafting and design, geometric design, industrial design.

Technical Concentration III: Electronics
Semiconductor devices, circuit theory, digital circuits, microprocessors, industrial electronics and robotic control systems.

Technical Concentration IV: Graphic Communication
Desk top publishing, computer assisted graphics, communication preparation, production and photography.

Technical Concentration V: Industrial Technology
Mechanical systems, hydraulic systems, pneumatic systems, thermal systems, electrical systems, communication systems, transportation systems, production systems, energy and power utilization.

Technical Concentration VI: Manufacturing
Machine tool operation, computer numerical control, manufacturing automation, robotics, physical metallurgy, metal casting, machine and fabrication processes.

(Major GPA based on all Industrial Technology courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Technology Education for Teacher Certification

Industrial Technology 1364, 1413, 2064, 2324, 3400	18 sem. hrs.
Industrial Technology electives*	9 sem. hrs.
TOTAL	27 sem. hrs.

*State certification requires a minimum of 24 semester hours for teaching in the general laboratory. To teach in a unit laboratory the certification requirement is nine semester hours in one concentration.

DEPARTMENT OF MILITARY SCIENCE

RESERVE OFFICERS TRAINING CORPS (ROTC)

General

R.O.T.C. is a leadership development program culminating in a commission (if offered) as an officer in the United States Army, Army Reserve or Army National Guard. Offered at Eastern Illinois University since 1980, R.O.T.C. can be completed by students majoring in any field of study offered by the University. Entry into the program can be accomplished in the freshman, sophomore, junior or senior year. The program is conducted in two segments; the Basic course and the Advanced course. Approximately 75 full tuition scholarships are available to qualified students. (See Financial Aid section.)

Upon completion of the program, U. S. Army Officer commissions may be offered in either the Air Defense Artillery, Armor, Aviation, Engineer, Field Artillery, Infantry, Chemical, Military Intelligence, Military Police, Signal, Adjutant General, Finance, Ordnance, Quartermaster, Transportation or Medical Service Branch.

Basic Course: Normally taken in sequence during the freshman and sophomore years; however, classes can be compressed during the sophomore or junior year. Students participating in the basic course incur no military obligation. Classes consist of:

Military Science 1001, 1002	2 sem. hrs.
Military Science 2100, 2200	4 sem. hrs.

Credit may also be granted for the basic course for certain members or prior members of the active Army, Army Reserve or Army National Guard upon verification of completion of basic training; or completion of High School JROTC; or completion of six-week summer camp (Camp Challenge) at Fort Knox, Kentucky (normally accomplished between the sophomore and junior years).

Advanced Course: Taken after the requirements for the basic course have been met. Classes consist of:

Military Science 3001, 3002	7 sem. hrs.
Military Science 3003	6 sem. hrs.
Military Science 4001, 4004	6 sem. hrs.
Military Science 4400	1-3 sem. hrs.

Military Science 3003 is a six-week summer camp normally taken between the junior and senior year and normally conducted at Fort Lewis, Washington. Commissioning candidates must also complete one course each in: Military history, communication skills, mathematics, and basic computer skills.

Enrollment Requirements

For the Basic Course
U.S. citizen; at least 17 years of age; physically fit; of good moral character; ability to complete program prior to reaching 28 years of age (waiveable).

For the Advanced Course
Completion of, or credit for, Basic course; at least two years of academic study remaining; sign a contract to serve as a commissioned officer in the Active Army, Army Reserves, or National Guard if offered, for a prescribed period; approval of chairperson, Military Science Department.

Benefits of the Program

- Leadership Development
- Adventure Training
- Opportunity to compete for approximately 75 full tuition scholarships
- $150 per month stipend while enrolled in the Advanced course
- Pay and travel reimbursement for summer camp attendance
- Commission in the United States Army, if offered.

Additional Opportunities

Under the Simultaneous Membership Program (SMP), enlisted members of the Army Reserve or Army National Guard may enroll in the Advanced course and continue to train with their unit.

Opportunities in Airborne, Air Assault and/or other types of Adventure training are available for qualified volunteers.

On-campus opportunities are available with the Leadership Excellence Club, Ranger Challenge Team, Pershing Rifles Drill and Ceremony Team and intramural competition.

Minor in Military Science

Military Science 3001, 3002, 4001, 4004, 4100	14 sem. hrs.
History 3920	3 sem. hrs.
TOTAL	17 sem. hrs.

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

Elizabeth Hitch, *Dean*
Larry Ankenbrand, *Associate Dean*

General Mission

The College of Education and Professional Studies is committed to the preparation of professionals in the design and implementation of programs that advance intellectual, physical, psychological, and social well-being. These professionals are to be competent practitioners who are well grounded in research and theory. The College promotes the tradition of teaching and extends to the region and beyond by producing culturally literate and technologically sophisticated teachers, counselors, administrators, coaches, trainers, directors, and therapists.

The professional education units offer degrees and certification in early childhood education, elementary and middle level education, special education, secondary education, health education, physical education, guidance and counseling, and school administration. In addition, non-teaching professional units offer excellent programs in community counseling, community health, safety/driver education, recreation administration, therapeutic recreation, and athletic training. While educating excellent entry-level personnel in undergraduate programs, the College prepares those in its graduate programs for distinguished leadership in meeting future challenges in various institutions. It also serves as an effective center of cultural and educational opportunity, maintaining partnerships with schools, hospitals, business and industry, and other recreational and social agencies.

A strong commitment to quality programs in the College of Education and Professional Studies is demonstrated by a highly qualified and dedicated faculty; a clinically intensive, contemporary curriculum; and recognition by appropriate accrediting and certifying agencies, including the National Council for Accreditation of Teacher Education and the Illinois State Teacher Certification Board.

Admission Requirements

Requirements for admission into teacher preparation programs are listed in this catalog in the section on teacher certification programs. Requirements for admission to graduate programs are given in the *Graduate Catalog*.

Faculty of the College of Education and Professional Studies

Educational Administration

Beverly Findley, *Chairperson*
Banks, F.; Bartz, D.; Janes, L.; Smitley, D.
Note: There is no undergraduate program in Educational Administration. For a description of the graduate program, see the *Graduate Catalog*.

Educational Psychology and Guidance

Robert Saltmarsh, *Chairperson*
Eberly, C.; Fraker, F.; Kayser, L.; Leitschuh, G.; Lyles, J.; Matzner, K.; Powell, B.; Rawlins, M.

Note: There is no undergraduate program in Educational Psychology and Guidance. For graduate program description, see *Graduate Catalog*.

Early Childhood, Elementary & Middle Level Education

Carol Helwig, *Chairperson*
Barford, J.; Carpenter, J.; Cortez, A.; Greathouse, N.; Lambert, J.; Leyden, M.; Lisowski, M.; Malehorn, H.; Nunn, G.; Olsen, M.; Reven, L.; Rich, C.; Stephen, V.; Taitt, H.; Varble, M.; White, M.; White, R.

Health Studies

Robert Bates, *Chairperson*
Biggs, T.; Cavanaugh, R.; Deming, M.; Doyle, K.; Epping, E.; Hooser, R.; McCausland, J.; McDevitt, M.; Ray, O.; Simons, S.; Tresnak-Dietz, J.; Walker, B.; Woods, S.

Leisure Studies

William Higelmire, *Chairperson*
Smith, W. A.; Weber, J.J.

Physical Education

Phoebe Church, *Chairperson*
Akers, T.; Ankenbrand, L.; Baker, K.; Barone, C.; Birkhead, C.; Bowers, J.; Bryan, A.; Cason, D.; Church, M.; Craft, J.; Crawford, S.; Croisant, P.; Davis, L.; Doyle, R.; Emmett, J.; Epping, E.; Fischer, R.; Fox, S.; Hussey, K.; Hyndman, J.; Jeffers-Gladu, J.; Jenkins, B.; Klein, J.; Krieger, B.; Lasley, K.; Little, G.; McCausland, R.; McFarland, G.; McFarland, D.; McFarland J.; McInerney, J.; McNamara, L.; Nordtvedt, N.; Owen, J.; Paap, R.; Padovan, R.; Painter, M.; Peterson, K.; Pritschet, J.; Ralston, B.; Redden, M.; Samuels, R.; Sanders, J. W.; Schmidt, J.; Schmitz, J.; Smith, J.; Spoo, R.; Wittke, R.; Wolf, D.; Woodall, T.

Secondary Education and Foundations

Mahmood H. Butt, *Chairperson*
Cummings, E.; Dennee, J.; Edwards, A.; Fewell, P.; Gholson, R.; Miller, B.; Oliker, M.; Smith, D.; Sutton, K.; Wilkins, B.; Zhang, R.

Special Education

Kathlene Shank, *Chairperson*
Bair, H.; Bruno, J.; Carson, R.; Cook, R.; Cooper, C.; Hooser, C.; Ivarie, J.; Summers, K.

Student Teaching

Mary Ellen Varble, *Chairperson*
Archaimbault, D.; Belleville, P.; Brotherton, R.; Calvert, L.; Campanis, L.; Carey, B.; Carli, N.; Clay-Mendez, L.; Clement, M.; Fischer, W.; Flaugher, P.; Greenlaw, M.; Harrison, G.; Hogg, M.; Hooser, R.; Krehbiel-Reed, H.; McFarland, G.; McGaughey, J.; Morris, C.; Naylor, J.; Nelms, H.; Oberg, J.; Parker, J.; Preston, F.; Quast, J.; Riess, D.; Schmalz, R.; Schroeder, S.; Titus, C.; Turkal, B.; Weasmer, J.; Williams, E.

TEACHER CERTIFICATION PROGRAMS

These pages are intended to serve as a general guide for students wishing to qualify for an Illinois teaching certificate. More detailed information is available in the *Academic Advisement Guide* or through the College of Education and Professional Studies.

Certificates Available

The State of Illinois currently issues a range of teaching certificates, all of which are available through various programs offered by Eastern. They are listed in the following table by name, type, and grade level.

Early Childhood Certificate (type 04)
Infancy through Grade 3
Elementary Certificate (type 03)
Kindergarten through Grade 9
High School Certificate (type 09)
Grade 6 through Grade 12
Special Certificate (type 10)
Kindergarten through Grade 12

Early Childhood and Elementary Certificates

Students interested in either an Early Childhood or Elementary Certificate should pursue a major in Elementary Education as outlined in this section. Three options are available: Early Childhood, Middle School and General. Each of these options serves a different purpose, and students are urged to consult the Department of Early Childhood, Elementary and Middle Level Education for additional information.

High School Certificates

Eastern offers two routes to a high school certificate. One is by pursuing the Middle Level Education major as outlined in this section. This major, which requires two distinctly different teaching fields rather than more extensive depth in a single field, prepares one to teach in grades 6-12 in those fields listed.

The other route to a high school certificate is through one of the academic majors (with teacher certification).

Using one or the other of the above approaches, teaching endorsements are available in the following subject areas:

Biological Sciences
Business Education
Chemistry
Communication Disorders and Sciences*
English
French
German
Health Studies
History
Family/Consumer Sciences
Mathematics
Physical Education
Physics
Psychology
Social Science
Spanish
Speech Communication
Technology Education
Theatre Arts

*A master's degree is required for state certification.

Special Certificates

Special certificates, valid for teaching from kindergarten through grade 12, are available in the following fields: (Detailed outlines for these majors also are listed in this section.)

Art
Music
Physical Education
Special Education
Speech and Language Impaired
(*Communication Disorders and Sciences*)

Minors

Individuals wishing to pursue a minor may select from those outlined in the catalog. All minors labeled "for Teacher Certification" meet Illinois state requirements for teaching in that subject area, providing one has completed a major in an approved teacher preparation program. Minors not so identified are considered "non-teaching" minors and, in most cases, do not meet Illinois state teaching requirements.

Note: A student entering Fall, 1993 and thereafter must earn a 2.5 CUGPA in a teaching minor.

Requirements

Since not all requirements are listed in the same place, students should take note that they must satisfy all of the following:

- University General Education Requirements (See Section VI.)
- Illinois General Education Requirements for certification, effective for applicants for certification after July 1, 1992 (See below.)
- Major Requirements. (See appropriate major.)
- Professional Education Requirements. (See below.)
- Requirements for Admission to Teacher Education. (See below.)
- Graduation Requirements. (See Section V.)

Revised Illinois General Education Requirements

After July 1, 1992, all applicants for certification must meet both the University's General Education requirements (explained in Section VIII) and the revised Illinois General Education requirements. For Early Childhood and Elementary certificates, these requirements have been incorporated into the Elementary major as outlined elsewhere in this section. Students pursuing a High School or Special certificate should be aware that general education requirements for certification exceed those expected of students at large, so additional courses may be needed. In choosing courses from the Integrated Core, students should take care to select those which will assure that state requirements are also met. Education majors are encouraged to work with their advisors to select appropriate coursework.

The following are the revised Illinois requirements (in semester hours) for High School or Special certificates:

1.	Communication Skills	9
	a) Oral Communication	3
	b) Written Communication	6
2.	Mathematics and Science	12
	a) Mathematics	3
	b) Biological and Physical Sciences (Both must be represented, and must include one laboratory course.)	9
3.	Humanities*	15
	a) American History**	3
	b) English	3
	c) History and/or	
	d) English and/or	
	e) Literature and/or	
	f) Foreign Language and/or	
	g) Fine Arts (Art, Music, Theatre) and/or	
	h) Linguistics and/or	
	i) Philosophy, to total	9
4.	Social Science*	9
	a) American Government	3
	b) Political Science and/or	
	c) Anthropology and/or	
	d) Cultural Geography and/or	
	e) Economics and/or	
	f) Psychology and/or	
	g) Sociology, to total	6
5.	Health and Physical Development	2
	a) Health and/or	
	b) Physical Development	
TOTAL		47

*At least one 3-semester-hour course must be taken in non-Western or Third-World cultures from either the Humanities or Social Science. A list of courses which will satisfy this requirement is available through advisors and through the College of Education.

**Courses in American History or History may be applied toward meeting either the Humanities or the Social Science requirements.

Professional Education Requirements

For individuals seeking certificates in Early Childhood, Elementary Education, or Special Education, the Professional Education requirements are included as a part of the respective major and are outlined elsewhere in this section.

Individuals seeking a High School certificate, or a Special Certificate in Art, Music or Physical Education must complete the following Professional Education requirements. Two professional components are listed. Students may choose either the "Regular Program" or the "Alternate Program" but cannot mix the two.

Regular Program Courses

#Secondary Education 2000[1]	1 sem. hr.
Educational Foundations 2555	3 sem. hrs.
Educational Psychology 3325	3 sem. hrs.
#Secondary Education 3330	3 sem. hrs.
Departmental Methods 3400[2]	3-6 sem. hrs.
Educational Foundations 4450	3 sem. hrs.
Special Education 3500[3]	3 sem. hrs.
Student Teaching 4000[4]	1 sem. hr.
Student Teaching 4001	11 sem. hrs.
TOTAL	31-34 sem. hrs.

[1]Exceptions to this course are in Communication Disorders and Sciences, Music and Physical Education.
[2]Exceptions to this course number are in art, business education and music.
[3]Exceptions are: physical education, psychology, and communication disorders and sciences.
[4]No credit toward graduation.
#A clinical experience fee is charged for this course.

Professional Education Requirements in Communication Disorders and Sciences

Individuals seeking a Special Certificate in Speech and Language Impaired must complete the following Professional Education requirements:

Regular Program Courses

Educational Foundations 2555	3 sem. hrs.
Elementary Education 2320 or Psychology 3515	3 sem. hrs.
Communication Disorders and Sciences 3800*	3 sem. hrs.
Educational Foundations 4450	3 sem. hrs.
Psychology 4515 or Special Education 3000	3 sem. hrs.
Communication Disorders and Sciences 5590**	10-12 sem. hrs.
Total	25-27 sem. hrs.

*For information on admission to the major and access to upper division CDS courses, see the description of the Communication Disorders and Sciences major in the College Descriptions and Program Requirements section of this catalog.
**Communication Disorders and Sciences 5590, "School Practicum," is taken at the graduate level. For more information, see the "School Practicum in Communication Disorders and Sciences" section of this Catalog or the *Graduate Catalog*.

Alternate Secondary Education Program (ASEP)

ASEP is an integrated, competency-based program emphasizing early exposure to the public high school classroom. Instruction is flexible with specific learning modules and a Credit/No Credit grading system. Pre-student-teaching clinical experiences (100 clock hours) are included. Some classes are held in the public schools; car-pooling can be arranged.

For further information concerning either the regular or alternate program, contact the Department of Secondary Education and Foundations.

ASEP Program Courses

#Secondary Education 2000	1 sem. hr.
Educational Foundations 2555	3 sem. hrs.
Secondary Education 3000[1]	3 sem. hrs.
Secondary Education 3100[1]	3 sem. hrs.
Departmental Methods 3400[2]	3-6 sem. hrs.
Secondary Education 4000[1] (Includes Student Teaching)	14 sem. hrs.
TOTAL	27-30 sem hrs.

[1]Courses must be taken in sequence but not necessarily in consecutive semesters.
[2]Exceptions to this course number are in art, business education and music.
#A clinical experience fee is charged for this course.

Illinois Certification Tests

The State of Illinois has established a testing program as a part of its teacher certification requirements. This program consists of a test of basic skills and a subject-matter knowledge test.

The Basic Skills test measures basic skills in reading, writing, grammar, and mathematics. Students are encouraged to take this test early in their career at Eastern.

It is recommended that students take their subject-matter test after they have had most of the coursework in their major, preferably in one of their last two terms. Students should consult their advisors for additional information.

Application for Teaching Certificates

Students should apply for their teaching certificates early in the term in which they will graduate or complete all requirements. Forms and instructions are available in the College of Education and Professional Studies.

Admission to Teacher Education

University Approval to Take Teacher Education Courses

Approval to take courses does not of itself admit a student to a teacher education program. Rather, the teaching aspirant must formally apply for admission to teacher education through the office of the Dean, College of Education and Professional Studies, to the University Council on Teacher Education which determines such admission.

Applicants for Approval to take Teacher Education Courses should be aware that: Section 21-1 of the School Code of Illinois states in part, "No one shall be certified to teach or supervise at the public schools of the State of Illinois who is not of good character, good health and at least 19 years of age . . . ." In addition to the qualifications required for teacher certification by the State Code, the following are required by the Council on Teacher Education:

1. A formal application must be made through the Office of Clinical Experiences. **For "native" students,** application will be made while the student is enrolled in Secondary Education 2000; Elementary Education 2000 or Elementary Education 2321; or Special Education 3201.
   For "transfer" and post-baccalaureate certification students, application must be made within the first 20 days of the initial semester of enrollment to the Office of Clinical Experiences, 210 Buzzard Building.
2. Students must have completed at least 30 semester hours.
3. Before a student can take Secondary Education 3330 or Secondary Education 3100 or Special Education 3500 or Elementary Education 3000 or Elementary Education 3250 or Middle Level Education 3110 or Special Education 4800/4820, he/she must submit, to the Office of Clinical Experiences, Buzzard Building, a "letter of intent" delineating: 1) why he/she wants to teach; 2) his/her educational goals; and 3) the nature of his/her past work, if any, with children.
4. Earned passing scores on the Tests of Achievement and Proficiency (TAP).
5. Students who entered the Institution prior to Fall, 1987 must obtain a cumulative grade point average of at least 2.25 to be admitted to or graduate from a teacher education program. Students entering Fall, 1987 or later must obtain a minimum cumulative grade point average of 2.50.
6. Language Proficiency as demonstrated by a grade of at least C in each of the following courses: English 1001C, English 1002C, and Speech Communication 1310C, or their equivalents in transfer courses; OR a score of at least 500 on the verbal section of the General Test of the Graduate Record Examination.
7. Effective with freshmen entering Fall, 1987, a student must earn a C average or better in three semester hours of college mathematics. A student who presents an ACT Mathematics score of 26 or above will be exempt from this requirement but still must take three semester hours of mathematics to meet Illinois state General Education requirements.
8. Clearance from the University Health Service and the Speech and Hearing Clinic regarding the person's ability to function in the classroom, based on health, speech and hearing requirements.
9. Student must have earned a grade of C or better in Secondary Education 2000 or Secondary Education 3000, Elementary/Middle Level Education 2000 or Elementary Education 2321, or Special Education 3201.

When a student has met all of the above criteria, he/she will have earned "University Approval to take Teacher Education courses," and the Office of Clinical Experiences will send the student's name to the department for departmental approval to student teach.

University Approval to Student Teach

Approval to Student Teach is a multiple-step process, including earning "Departmental Approval to Student Teach."

After the student has received "University Approval to take Teacher Education Courses," he/she must submit an application to the appropriate department for "Departmental Approval to Student Teach." Students who entered prior to Fall, 1987 must obtain a grade-point average of at least 2.25, both cumulative and in their major, to be admitted to or graduate from a teacher education program. Students entering Fall, 1987 or later must obtain a minimum grade-point average of 2.50, both cumulatively and in their major.

Departmental Approval to Student Teach

"Departmental Approval to Student Teach" is the responsibility of the candidate's major department and must include the following:

1. Completion of courses in the major with a minimum of a 2.5 grade point average and a 2.5 cumulative grade point average. (NOTE: Some majors require a higher average in the major; please consult departmental requirements.)
2. A grade of C or better in each professional education course in order to student teach.
3. Evidence of recent participation in professional organizations, meetings, and /or appropriate activities with youth.
4. A portfolio submitted by the student to the department which includes: lesson plans, unit plans, and evidence of group work, communication skills, and ability to work well with youth (including #3 above), and a résumé.
5. Other criteria as determined by the student's major department. Department criteria are available in the Department Office.

"University Approval to Student Teach" must be granted by the Office of Clinical Experiences no later than the mid-term of the semester prior to student teaching.

A student who is refused "University Approval to Student Teach," or whose approval is revoked, may appeal the decision to the Council on Teacher Education. The decision of the committee is final. Appeal forms may be secured in the office of the Dean, College of Education and Professional Studies.

Notes:

1. Students must have received "University Approval to Student Teach," including department approval, no later than mid-term the semester prior to student teaching.
2. Students pursuing the Board of Governors degree who wish to qualify for a teaching certificate must meet all the requirements of the University's approved teacher preparation program. This will include general education and professional education requirements, as well as the specific major requirements for the desired teaching field(s). In some cases it may be to the student's advantage to pursue a B.A., B.S., B.S. in Education, or B. of Music degree instead. Before committing themselves, students should consult both the Director of the B.O.G.-B.A. program and the Certification Officer in the College of Education and Professional Studies.
3. **Post-baccalaureate students** seeking a teaching certificate through any of Eastern Illinois University's state approved certification programs are expected to meet the full intent of the respective programs. All previous coursework, either graduate or undergraduate, will be evaluated in terms of current requirements. This will include general education, a major, and the professional education requirements. Post-baccalaureate students must complete a minimum of 15 semester hours at EIU prior to student teaching.

   Departments may require additional coursework within their major to bring the student's background into compliance with the intent of this institution's state-approved certification program. Departments may also require previous work to be repeated if it is outdated or if the applicant's grade point average is not sufficient for admission to teacher education.

Individuals who enter the University as post-baccalaureate students must establish a grade point average at Eastern of 2.50 for undergraduate courses and 3.00 for courses numbered 5000 or above in order to be admitted to teacher education.

If the student's undergraduate grade-point average in the area of the approved program he/she wishes to follow was below a 2.50 (on a four point scale), 12 semester hours must be taken in the major to establish a grade-point average in the major of 2.50 or better. (Higher grade point averages may be required by some departments.)

If the cumulative grade point average was below 2.50 (on a four point scale) a minimum of 12 semester hours applicable toward establishing a grade point average must be completed at Eastern before admission to teacher education.

Revocation of Admission

Under certain conditions admission to teacher education may be revoked by the Council on Teacher Education. Major causes of revocation are explained at the scheduled admissions meeting.

Teaching Practicum

(Student Teaching 4001)

A student must apply for a student teaching assignment, and be granted "Approval to Student Teach," no later than mid-term of the preceding term in which student teaching will be accomplished. Exceptions must be approved by the Director of Student Teaching.

To be admitted to the teaching practicum, the student must attain 90 semester hours or more toward graduation and must have complied with all regulations and qualifications relative to "University Approval to take Teacher Education courses" and "University Approval to Student Teach." At least three semester hours of the required teaching practicum must be taken through Eastern Illinois University to qualify for graduation.

The number of semester hours of student teaching required for graduation varies with the student's curriculum. A student enrolled in Special Education is required to earn 16 semester hours of credit in student teaching. A student enrolled in Elementary or Middle Level Education must enroll for a minimum of 10 and a maximum of 15 semester hours of credit in student teaching.

A student enrolled in a high school curriculum is required to earn 12 semester hours in student teaching, with at least four semester hours, and preferably eight semester hours, of student teaching being in his/her major field.

The maximum amount of student teaching credit that may count toward the 120 semester hours required for a bachelor's degree is 15 semester hours, with the exception of those individuals graduating in Special Education who must take 16 semester hours. The same amount of student teaching shall be required of post-baccalaureate students as is required of undergraduate majors.

1. **Prerequisites for Student Teaching.**
   a. **Elementary School Curriculum.** Students must have completed Elementary Education 3280 or 3281.
   b. **Special Education Curriculum.** To student teach in Special Education, students must have completed Special Education 4900 and 4901, and all prerequisites to them.
   c. **Middle Level Education Curriculum.** Students must have completed Middle Level Education 3110 and 4280 or an approved substitute. Equivalent courses submitted must be approved by the Dean, College of Education and Professional Studies.
   d. **High School and Special Area Curricula.** Students must have completed Educational Psychology 3325 and Secondary Education 3330 (except students in the Communication Disorders and Sciences curriculum who take Elementary Education 2320), and all required departmental methods courses for the subjects to be assigned them.
   e. **Alternate Secondary Education Program.** Students in the Alternate Secondary Education Program must follow the same procedures as all other students when applying for a student teaching

assignment. Students in the Alternate Secondary Education Program register for Secondary Education 4000, which includes student teaching. Secondary Education 3000 and 3100 are prerequisites.

2. Students entering prior to Fall 1987 must obtain a grade-point average of 2.25, both cumulatively and in their major*, to be eligible for student teaching. Students entering Fall 1987 or later must obtain a 2.50, both cumulatively and in their major, to be eligible for student teaching.
3. All minimum requirements established by the Illinois State Board of Education for teaching a given subject should have been completed.
4. Transfer students must have been in residence at Eastern Illinois University for at least one semester or one summer term.
5. A tuberculin skin test must have been completed in the University Health Service during the semester prior to the teaching practicum assignment.
6. Students enrolled in off-campus teaching must assume the necessary transportation, room, and board expenses.
7. Students who participate in full-time off-campus teaching should live in the community in which they do their teaching and are expected to observe the local calendar.
8. Students engaged in the teaching practicum are expected to participate in such activities as guidance programs of the school, audio-visual programs, study hall supervision, preparation of assembly programs, field trips, dramatics, attendance at P.T.O. meetings, faculty meetings, if invited, and participate as faculty members in as many of the activities of the school and community as possible.
9. Attendance is expected at a series of seminar meetings related to the teaching practicum. Details are distributed through the Office of the Director of Student Teaching.

*Note: Special Education requires a cumulative grade point average of 2.50 in all courses with a Special Education prefix.

Application for Assignment

Assignments for teaching practicum are made in the public schools in the area and in selected public schools of the Chicago and suburban areas.

1. Meetings are scheduled each year by the Director of Student Teaching for all students who plan to enroll in teaching practicum during the ensuing school year. Requests for assignment received from students within 10 days of this meeting have priority. Applications submitted after the spring meeting must be made at least one term in advance of the semester in which teaching is desired. Assignments are made by the coordinators and approved by the Director.
2. Students should arrange for their teaching assignments before registering for other subjects. Teaching assignments take priority in the student's schedule. Registration and fees are required as with other regular course work.
3. A student engaged in teaching practicum is limited to a total load of 15 semester hours (except in Special Education). The number of hours of outside work permitted is restricted.

School Practicum in Communication Disorders and Sciences

(Communication Disorders and Sciences 5590)

School Practicum in Communication Disorders and Sciences is completed as part of the graduate curriculum. Prerequisites include completion of a bachelor's degree, completion of 12 semester hours of graduate coursework in Communication Disorders and Sciences, and completion of three semester hours of Communication Disorders and Sciences 5470, "Advanced Practicum" with a grade of B or better. Students must register for 12 semester hours; however, only three semester hours may be counted toward the graduate degree. Students should consult the *Graduate Catalog* for information on admission to the graduate program and graduate program alternatives.

Overseas Student Teaching

Eastern Illinois University is a member of the Consortium for Overseas Student Teaching (COST), a group of state and private universities committed to quality overseas student teaching experiences. Under the agency of this organization, Eastern offers qualified students an opportunity to do their student teaching abroad. Placements for overseas student teaching are made in selected schools in Australia, Ecuador, England, Germany, Ireland, Netherlands, New Zealand, Malaysia, Scotland and Wales. Interested individuals should contact the COST Coordinator, Department of Secondary Education and Foundations, Buzzard Education Building 213, for further information.

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES: ACADEMIC PROGRAMS

Minor in Adult Education

Educational Foundations 4750 . . . . . 3 sem. hrs.
Secondary Education 4751, 4850 . . . . . 7 sem. hrs.
Nine semester hours chosen from:
Career Occupations 4800, 4810, Business Education 3000 or Family and Consumer Sciences 3300, Educational Guidance 4900, Educational Psychology 4770, Educational Administration 5420, Family and Consumer Sciences 4846, Leisure Studies 2250, 4830, Psychology 3525, Middle Level Education 4280, Information Services and Technology 4870, Industrial Technology 1413, Educational Guidance 5100 (for eligible students) . . . . . 9 sem. hrs.
TOTAL . . . . . 19 sem. hrs.

EARLY CHILDHOOD EDUCATION *(B.S. in Education)*

Early Childhood Certificate (birth-grade 3)
General Education Coursework

The following constitutes the list of requirements (including the all-university general education coursework) in the Elementary curriculum for each option. The student and advisor *must* cooperate in planning the sequence.

The Department's Continuous Progress Plan for all majors closely follows University Admission to Teacher Education (see page 79). All students (includes native, dual majors, transfer students from community colleges or senior institutions, internal transfers, post-baccalaureate, Board of Governors - Elementary Education) must complete all criteria for University approval to take teacher education courses.

Transfer students will have their completed coursework evaluated by the Dean of the College of Education and Professional Studies or designated representative.

The following satisfies both University and Illinois state general education requirements:

Cultural Experience
Art course from Fine Arts Component . . . . . 3 sem. hrs.
English course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction, and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C, Psychology 1879C . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Family and Consumer Sciences 2472C, Physical Education 2850C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning[1]
Mathematics 1420, 2420C . . . . . 6 sem. hrs.
Scientific Awareness
Biological Sciences 1001C . . . . . 3 sem. hrs.
Chemistry 1040C or Physics 1050C . . . . . 4 sem. hrs.
Science electives, one sem. hr. from the Integrated Core . . . . . 5 sem. hrs.
Senior Seminar[2] . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Music 1421 . . . . . 3 sem. hrs.
Humanities electives (depending on the amount of Foreign Language taken above) . . . . . 3-0 sem. hrs.
Non-Western or Third World Culture course if not covered by above coursework . . . . . 3 sem. hrs.
Academic Concentration (must include nine sem. hrs. upper division credits) . . . . . 18 sem. hrs.

Professional Coursework

Art 2440 or Music 3420 . . . . . 2 sem. hrs.
Educational Foundations 2555, 4450 . . . . . 6 sem. hrs.
Elementary Education 2321, 3250, 3281, 4000, 4770, 4775, 4776, 4880 . . . . . 22 sem. hrs.
Family and Consumer Sciences 3853, 4854 . . . . . 6 sem. hrs.
Physical Education 3600 . . . . . 2 sem. hrs.
Special Education 3000 or 3500 . . . . . 3 sem. hrs.
Student Teaching 3000[3] . . . . . 1 sem. hr.
Student Teaching 4001[4] . . . . . 10-15 sem. hrs.

[1]Students may be exempted on the basis of mathematics placement tests but must substitute other credit in mathematics.
[2]Must be taken outside major.
[3]Course will not count toward graduation.
[4]Minimum of four (4) weeks at preschool and six (6) weeks in primary grades.

ELEMENTARY EDUCATION *(B.S. in Education)*

Two distinct options are offered through the Elementary Education Curriculum: General and Middle School. Both lead to a Standard Elementary (kindergarten through grade nine) Certificate. In the General option, however, emphasis is on kindergarten through grade six, while in the Middle School option the emphasis is on grades five through eight and includes a subject matter endorsement for teaching in grades 6-9.

The following constitutes the list of requirements (including the all-university general education coursework) in the Elementary curriculum for each option. The student and advisor *must* cooperate in planning the sequence.

The Department's Continuous Progress Plan for all majors closely follows University Admission to Teacher Education (see page 79). All students (includes native, dual majors, transfer students from community colleges or senior institutions, internal transfers, post-baccalaureate, Board of Governors - Elementary Education) must complete all criteria for University approval to take teacher education courses.

Transfer students will have their completed coursework evaluated by the Dean of the College of Education and Professional Studies or designated representative.

Elementary Education: General Option; Standard Elementary Certificate (K-9)

General Education Coursework

The following satisfies both University and Illinois state general education requirements:

Cultural Experience
Art course from Fine Arts Component . . . . . 3 sem. hrs.
English course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C, 1501C or 1502C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction, and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C,

Psychology 1879C . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Family and Consumer Sciences 2472C, Physical Education 2850C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning[1]
Mathematics 1420, 2420C . . . . . 6 sem. hrs.
Scientific Awareness
Biological Sciences 1001C . . . . . 3 sem. hrs.
Chemistry 1040C or Physics 1050C . . . . . 4 sem. hrs.
Science electives, one sem. hr. of which must be from the Integrated Core . . . . . 5 sem. hrs.
Senior Seminar[2] . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Music 1421 . . . . . 3 sem. hrs.
Humanities electives (depending on the amount of Foreign Language taken above) . . . . . 6-0 sem. hrs.
Non-Western or Third World Culture course if not covered by above coursework . . . . . 3 sem. hrs.
Academic Concentration (must include nine sem. hrs. upper division credits) . . . . . 18 sem. hrs.
Professional Coursework
Art 2440 or Music 3420 . . . . . 2 sem. hrs.
Educational Foundations 2555, 4450 . . . . . 6 sem. hrs.
Elementary Education 2000, 2022, 2320, 3000, 3280, 3290, 3340, 3350, 4000, 4880 . . . . . 26 sem. hrs.
Mathematics 3520 . . . . . 1 sem. hr.
Physical Education 3600 . . . . . 2 sem. hrs.
Special Education 3000 or 3500 . . . . . 3 sem. hrs.
Student Teaching 3000[3] . . . . . 1 sem. hr.
Student Teaching 4001 . . . . . 10-15 sem. hrs.

[1]Students may be exempted on the basis of mathematics placement tests but must substitute other credit in mathematics.
[2]Must be taken outside major.
[3]Course will not count toward graduation.

Concentrations for General Option

The concentration is a continuation of the General Education requirements established by the Illinois State Teacher Certification Board; its purpose is to provide depth in a specific discipline. Elementary Education majors pursuing the General Option must select a concentration from the list below.

Each concentration requires 18 semester hours, nine of which must be at the upper division level. Courses used to satisfy other General Education requirements can not be applied toward the concentration, with the possible exception of the Third World or Non-Western culture course which may be included in the concentration if appropriate.

Anthropology
Anthropology 2200C and 15 semester hours of Anthropology electives, nine of which must be at the upper division level.
Art
Eighteen semester hours in Art, nine of which must be at the upper division level. A list of suggested courses is available in the Department of Elementary Education.
Biological Science
Courses may be selected from Biological Sciences, Botany, Environmental Biology, or Zoology, but must include a minimum of 18 semester hours, nine of which must be of upper division credit. Further, both Botany and Zoology must be represented.
Economics
Economics 2801, 2802, and 12 semester hours of Economics electives, nine of which must be at the upper division level.
English
Must include English 2901 or an advanced composition or writing course above the freshman level, one course in American literature, and sufficient electives to reach 18 semester hours. Nine hours of upper division credit must be included in the concentration.
Foreign Language
Eighteen semester hours selected from a single foreign language, nine of which must be at the upper division level.
Geography
Eighteen semester hours in Geography, nine of which must be at the upper division level.
History
Eighteen semester hours in History, nine of which must be at the upper division level. Must include both U.S. and non-U.S. History.
Mathematics
Eighteen semester hours in Mathematics, other than methods courses, nine of which must be at the upper division level. Consult the Department of Early Childhood, Elementary and Middle Level Education for a list of courses leading to an endorsement to teach departmentalized mathematics in grades 6-8.
Music
Eighteen semester hours of Music, nine of which must be at the upper division level.
Political Science
Eighteen semester hours in Political Science, nine of which must be at the upper division level.
Psychology
Psychology 2000 plus 15 semester hours of Psychology electives, nine of which must be at the upper division level.
Sociology
Sociology 2710 and 15 semester hours of Sociology electives, nine of which must be at the upper division level.
Theatre Arts
Eighteen semester hours in Theatre Arts, nine of which must be at the upper division level.

Elementary Education: Middle School Option; Standard Elementary Certificate (K-9) with Subject Area Endorsement

General Education Coursework
The following satisfies both University and Illinois state general education requirements:
Cultural Experience
Art course from Fine Arts Component . . . . . 3 sem. hrs.
English course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C, 1501C or 1502C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction, and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C, Psychology 1879C . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Family/Consumer Sciences 2472C, Physical Education 2850C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning[1]
Mathematics 1420, 2420C . . . . . 6 sem. hrs.
Scientific Awareness
Biological Sciences 1001C . . . . . 3 sem. hrs.
Chemistry 1040C or Physics 1050C . . . . . 4 sem. hrs.
Science electives, one sem. hr. of which must be from the Integrated Core . . . . . 5 sem. hrs.
Senior Seminar[2] . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Music 1421 . . . . . 3 sem. hrs.
Humanities electives (depending on the amount of Foreign Language taken above) . . . . . 6-0 sem. hrs.
Non-Western or Third World Culture course if not covered by above coursework . . . . . 3 sem. hrs.
Academic Concentration (must include nine sem. hrs. upper division credits) . . . . . 18 sem. hrs.
Professional Coursework
Art 2440 or Music 3420 . . . . . 2 sem. hrs.
Educational Foundations 2555, 4450 . . . . . 6 sem. hrs.
Elementary Education 2000, 2022, 2320, (3280 and 4000), (4000 and 4880) . . . . . 15 sem. hrs.

One from Elementary Education: 3290, 3340, 3350, or Mathematics 3620 . . . . . 2-3 sem. hrs.
Middle Level Education 3110, 3150, 4760 . . . . . 9 sem. hrs.
Mathematics 3520[3] . . . . . 1 sem. hr.
Physical Education 3600 . . . . . 2 sem. hrs.
Special Education 3000 or 3500 . . . . . 3 sem. hrs.
Student Teaching 3000[4] . . . . . 1 sem. hr.
Student Teaching 4001[5] . . . . . 10-15 sem. hrs.

[1]Students may be exempted on the basis of mathematics placement tests but must substitute other credit in mathematics.
[2]Must be taken outside major.
[3]Students selecting Mathematics Subject Area are exempt from Math 3520.
[4]Course will not count toward graduation.
[5]Students will student teach in Grades 4-6 or in a multi-disciplinary middle-level school assignment through grade 8.

Subject Areas for the Middle School Option

The concentration is a continuation of the General Education requirements established by the Illinois State Teacher Certification Board; its purpose is to provide depth in a specific discipline. Students pursuing the Middle School Option should select one of the areas below.

Each concentration requires 18 semester hours, nine of which must be at the upper division level. Courses used to satisfy other General Education requirements cannot be applied toward the concentration.

Students wishing to receive an endorsement in any area, in order to be able to teach in a departmentalized Junior High or Middle School (grades 6-9), must check with their advisors for specific requirements.

Biological Science

Courses may be selected from Biological Sciences, Botany, Environmental Biology, or Zoology, but must include a minimum of 18 hours, nine of which must be at the upper division level. Further, both Botany and Zoology must be represented. (It is recommended that students interested in teaching departmentalized science in grades 6-9 add electives in the physical sciences, such as chemistry, earth science and physics, to provide a better background and to enhance their preparation for teaching.)

English

English 2901, 4903, an advanced composition or writing course above the freshman level, one course in American literature, and sufficient electives to total 18 semester hours. At least nine semester hours must be at the upper division level.

Mathematics

Eighteen semester hours which must include nine semester hours from three of the following areas: A) calculus; B) modern algebra or number theory; C) geometry; D) computer science; E) probability and statistics; or F) history of mathematics. The other nine semester hours may be mathematics electives other than methods courses. Note that nine semester hours in this area must be at the upper division level. (Consult the Department of Early Childhood, Elementary and Middle Level Education for a more specific list.)

History

Eighteen semester hours of history, nine of which must be at the upper division level. These 18 hours should include nine semester hours of U.S. history and nine semester hours of non-U.S. history. (It is recommended that students interested in teaching departmentalized social studies in grades 6-9 add electives in Political Science and Geography to provide a better background and to enhance their preparation for teaching.)

HEALTH STUDIES *(B.S.)*

Major in Health Studies
Option in Community Health

Core: Health Studies 2000C, 2250, 2270, 3196, 3199, 3700, 3750, 3765, 3770, 4250, 4275, Zoology 2001C . . . . . 39 sem. hrs.
Select nine hours from: Health Studies 2600, 2900, 3500, 3560, 4800, 4810, 4820, 4890, 4910 . . . . . 9 sem. hrs.
Select three hours from: Business Education 1420 or Accountancy 2100 . . . . . 3 sem. hrs.
One Physical Education Activity Course . . . . . 1 sem. hr.
Concentration I or II or III . . . . . 18 sem. hrs.
TOTAL . . . . . 70 sem. hrs.

Concentration I: Community Health Promotion/Education

A minimum of 18 semester hours of coursework including study in the areas of introductory psychology, mass communications, educational psychology, and school health.

Recommended Minors: Adult Education, Creative Writing, Family and Consumer Sciences, Journalism, Public Relations, Psychology, Speech Communication, Professional Writing

Concentration II: Community Health Counseling

A minimum of 18 semester hours of coursework including study in the areas of group dynamics, behavior management, human nutrition and food study, and techniques of counseling and guidance.

Recommended Minors: Psychology, Family and Consumer Sciences (family services)

Concentration III: Community Health Administration

A minimum of 18 semester hours of coursework including study in the areas of public administration, American national government, state and local government, and economics.

Recommended Minors: Political Science, Economics

(Major GPA based on health studies courses taken at Eastern Illinois University.)

Option in Health Studies with Teacher Certification*
6-12 Standard High School Certificate

General Education Coursework

The following satisfies both University and Illinois state general education requirements.

Cultural Experience
Course from Fine Arts Component . . . . . 3 sem. hrs.
English Course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C, 1501C or 1502C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C . . . . . 3 sem. hrs.
Select Health Studies 2000C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning
Courses selected from Integrated Core . . . . . 3 sem. hrs.
Scientific Awareness
Select Zoology 2001C . . . . . 3 sem. hrs.
Select Physical Science . . . . . 3-4 sem. hrs.
Select courses from the Integrated Core . . . . . 2-3 sem. hrs.
Senior Seminar . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 2000C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Humanities Electives (depending on the amount of foreign language taken above) . . . . . 6-0 sem. hrs.
Non-Western or Third World Culture course (if not covered by above coursework) . . . . . 3 sem. hrs.

Health Studies Coursework

Health Studies 2000C, 2250, 2270, 3199, 3200, 3400, 3500, 3750, 3765, 4275, 4800 . . . . . 36 sem. hrs.
Middle Level Education 3100 . . . . . 3 sem. hrs.
Zoology 2001C . . . . . 3 sem. hrs.
Six semester hours chosen from at least two of the following areas: . . . . . 6 sem. hrs.

***Environmental Health*:** Environmental Biology 3010C
***Disease Prevention and Control*:** Health Studies 2900
***Nutrition/Dietary Patterns*:** Family and Consumer Sciences 2472C
***Safety and Injury Control*:** Health Studies 1120, 2320, or 3120; 3300, 3340, 3350
***Mental/Emotional Health*:** Family and Consumer Sciences 4820, Psychology 3780
***Personal Health Practices*:** Health Studies 2600, 4741, Physical Education 2850C
***Consumer Health*:** Health Studies 3560, 4890, 4910
TOTAL . . . . . 48 sem. hrs.

(Major GPA based on health studies courses taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Health Communication

Health Studies 2250, 2270, 2900, 3750 . . . . . 9 sem. hrs.
Speech Communication 2300, 2320, 2630, 3630, 3660, 4275 . . . . . 16 sem. hrs.
Health Studies/Speech Communication 4910 . . . . . 3 sem. hrs.
Six semester hours electives from: Health Studies 3196, 3200, 3500, 3560, 3700, 3765, 3770, 4800, 4890; Speech Communication 3200, 3230, 3300, 3903, 4470, 4760, 4860 . . . . . 6 sem. hrs.
TOTAL . . . . . 34 sem. hrs.

Minor in Community Health

Health Studies 2000C, 2250, 2270, 3700, 3750 . . . . . 13 sem. hrs.
Eight sem. hrs. from: Health Studies 1120, 2320, 2600, 2900, 3120, 3196, 3199, 3200, 3300, 3350, 3500, 3765, 4741, 4800, 4250, 4810, 4820, 4890 . . . . . 8 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

Minor in Health Studies for Teacher Certification

Health Studies 2000C, 2250, 2270, 3200, 3400, 3500, 4800 . . . . . 19 sem. hrs.
Five to six semester hours taken from two or more of the following areas . . . . . 5 or 6 sem. hrs.
***Environmental Health*:** Environmental Biology 3010C
***Disease Prevention and Control*:** Health Studies 2900
***Nutrition and Dietary Patterns*:** Family and Consumer Sciences 2472C
***Safety and Injury Control*:** Health Studies 1120, 2320, 3120, 3300, 3340, 3350
***Mental/Emotional Health*:** Psychology 3780, Family and Consumer Sciences 4820
***Personal Health Practices*:** Health Studies 2600, 3750, Physical Education 2850C
***Consumer Health*:** Health Studies 3560, 4890, 4910
TOTAL . . . . . 24-25 sem. hrs.

Minor in Safety and Driver Education for Teacher Certification

Health Studies 3300, 3310, 3320, 3330, 3340, 4900 . . . . . 16 sem. hrs.
Choose from the following: Health Studies 2270, 3120, 3200, 3350, 4720; Physical Education 3130; Political Science 2603, 3643 . . . . . 5 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

MIDDLE LEVEL EDUCATION *(B.S. in Education)*

Although this curriculum leads to a Standard High School Certificate enabling the graduate to teach in grades 6-12, the emphasis of the program is to provide special preparation for those interested in teaching in the departmentalized Junior High or Middle School (grades 6-9). The student must choose a 32-hour field of specialization and a 24-hour field of specialization as outlined below.

Major

General Education Coursework
The following satisfies both University and Illinois state general education requirements:

Cultural Experience
Art course from Fine Arts Component . . . . . 3 sem. hrs.
English course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C, 1501C or 1502C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction, and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Family and Consumer Sciences 2472C, Physical Education 2850C, Psychology 1879C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning[1]
Select from the Integrated Core . . . . . 3 sem. hrs.
Scientific Awareness
Select from the Integrated Core. Must include both biological and physical science and must include one lab course . . . . . 9 sem. hrs.
Senior Seminar . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Humanities electives (depending on the amount of Foreign Language taken above) . . . . . 6-0 sem. hrs.
Non-Western or Third World Culture course if not covered by above coursework . . . . . 3 sem. hrs.
Teaching Field I . . . . . 32 sem. hrs.
Teaching Field II . . . . . 24 sem. hrs.

Professional Coursework
Educational Foundations 2555, 4450 . . . . . 6 sem. hrs.
Elementary Education 2022, 2320 . . . . . 5 sem. hrs.
Middle Level Education 2000, 3110, 3150, 4280, 4760 . . . . . 14 sem. hrs.
Special Education 3000 or 3500 . . . . . 3 sem. hrs.
Student Teaching 3000[1] . . . . . 1 sem. hr.
Student Teaching 4001 . . . . . 10-15 sem. hrs.
Electives needed to total 120 semester hours.

[1]Course will not count toward graduation.

Teaching Fields

Art
Field II: Art 1000; 1110 or 2310C; 2050 or 3080; 2250 or 2700 or 3340; 2410; 2440; 2330C; 3410; art electives. Total, 24 sem. hrs.

Biological Science
Field I: Biological Sciences 1001C, 3200, 3400; Environmental Biology 2010; Botany 1010C, 1022; 3100 or 3200; Zoology 1010; 2100 or 3300; 3700. Electives in botany, environmental biology, zoology, or life science. Field I must include a minimum of eight sem. hrs. in botany and eight sem. hrs. in zoology. Total, 32 sem. hrs.

Field II: Biological Sciences 1001C; Botany 1010C, 1022; Zoology 1010, 3300 or 3700. Electives in botany, environmental biology, zoology, or life science. Field II must include a minimum of eight sem. hrs. in botany and eight sem. hrs. in zoology. Total, 24 sem. hrs.

English

Field I: English 2705, 2901, 3001, 3401, 3402, 4903; one of (3701, 3702, 3703); two of (3802, 3806, 3807, 3808); English electives. Total, 32 sem. hrs.

Field II: English 2705, 2901, 3001, 4903; one of (3701, 3702, 3703); one of (3802, 3807, 3808); English electives. Total, 24 sem. hrs.

Foreign Languages

Fields are available in French, German, Latin, and Spanish. A student with high school foreign language should consult Section XI, under Foreign Languages, to determine upper course placement when continuing a language studied in high school. For a student initiating a given language at the college level, the following courses must be included in the fields.

Field II: 1101C, 1102C, 2201, 2202, 3400, electives in that language. Total, 24 sem. hrs.

Family and Consumer Sciences

Field II: Family and Consumer Sciences 1120, 1800, 2234, 2270, 2472C, 2800, 2850, 3300. Total, 24 sem. hrs.

Industrial Technology Education

Field II: Industrial Technology 1364, 1413, 2064, 2324, 3400; electives in industrial technology. Total, 24 sem. hrs.

Mathematics

Field I: Mathematics 1441C, 2442, 2550, 2800, 3271, 3400, 4900; Mathematics 2170 or 2310; plus sufficient electives to reach a minimum of 32 sem. hrs. This program assumes competency in Algebra and Trigonometry.

Field II: Mathematics 1441C, 2442, 2550, 2800, 3400, 3271; Mathematics 2170 or 2310; (Minimum of 26 sem. hrs.). This program assumes competency in Algebra and Trigonometry.

Physical Education

Field II: Physical Education 2850C, 2440, 3400, 4320, 4340, 4470; two semester hours from Physical Education 2101, 2102, 2103, 2105; two semester hours from Physical Education 2360, 2380, 2390; two semester hours from Physical Education 2220, 2230. Students selecting this field must include Zoology 2001C as part of their science requirements. Total, 25 sem. hrs.

Physical Science

Field II: Chemistry (1310, 1315) or (1300, 1315); either (Chemistry 1410C, 1415C) or (Chemistry 1510C, 1515C); either Physics (1150, 1160C) or (1350, 1360C); electives from chemistry, geology, earth science, or physics. (Field II must include a minimum of 10 sem. hrs. in chemistry and 10 sem. hrs. in physics.) Total, 24 sem. hrs.

Social Studies

Field I: History 2010, 2020, and three sem. hrs. U.S. History electives, 2300, 2400, three sem. hrs. in non-U.S. history; nine sem. hrs. in Political Science or nine sem. hrs. in Geography; three sem. hrs. in Anthropology or Sociology, or Economics; Social Science 3400; electives in social studies. Some of the above courses may need to be completed at the upper division level to acquire sufficient upper division hours for graduation. Total, 32 sem. hrs.

Field II: History 2010, 2020, and two sem. hrs. U.S. History electives, 2300, 2400, two sem. hrs. in non-U.S. history; eight sem. hrs. in Political Science or eight sem. hrs. in Geography. Some of the above courses may need to be completed at the upper division level to acquire sufficient upper division hours for graduation. Total, 24 sem. hrs.

Speech Communication

Field II: Speech Communication 1310C, 2300, 2320; Theatre Arts 1133; one of the following: Speech Communication 2520, 2001C, 3520, 3540; one of the following: Speech Communication 3200, 3230, 4170; one of the following: Theatre Arts 2257, 3431, 3445; electives from speech communication, communication disorders and sciences, theatre and/or journalism. Total, 24 sem. hrs.

*Students should be aware that eight semester hours are required to teach these subjects in Illinois high schools.

PHYSICAL EDUCATION *(B.S.)*

Students must satisfy all University Core requirements plus: Non-teaching minor *or* 24 sem. hrs. related electives selected with approval of advisor.

Major

Integrated Core Requirements Plus:
Physical Education 1500, 2440, 3900, 4320, 4340, 4440 or 4450, 4275 (six or nine hrs.) . . . . . 24-27 sem. hrs.
Zoology 2001C . . . . . 3 sem. hrs.
*Physical Education electives:
0-4 hrs. from 1000 level (include one aquatics course or proficiency);
6-10 hrs. from the following:
2101, 2102, 2103, 2105, 2106, 2145, 2220, 2230, 2360, 2380, 2390 . . . . . 10 sem. hrs.
**Electives in HPER . . . . . 12 sem. hrs.
TOTAL . . . . . 73-76 sem. hrs.

*Duplication of one-hr. activity and two-hr. technique/theory activities not allowed.

**One-hr. activity classes may not be counted. Electives chosen with approval of advisor based on career goal consideration.

Option in Physical Education with Teacher Certification** K-12 Standard Special Certificate

General Education Coursework

The following satisfies both University and Illinois state general education requirements.

Cultural Experience
Course from Fine Arts Component . . . . . 3 sem. hrs.
English Course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C, 1501C, or 1502C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Family and Consumer Sciences 2472C, Physical Education 2850C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning
Courses selected from Integrated Core . . . . . 3 sem. hrs.
Scientific Awareness . . . . . 9 sem. hrs.
[Zoology 2001C (3 sem. hrs.); Physical Science (3-4 sem. hrs.); Courses selected from the Integrated Core (2-3 sem. hrs.)]
Senior Seminar . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Humanities Electives (depending on the amount of foreign language taken above) . . . . . 6-0 sem. hrs.
Non-Western or Third World Culture course (if not covered by above coursework) . . . . . 3 sem. hrs.

Physical Education Coursework

Physical Education 1500, 2000, 2440, 2450, 3400, 3600, 3610, 3620, 3630, 4320, 4340, 4470 . . . . . 33 sem. hrs.

Electives from 2000-level technique courses from the following:
Physical Education 2101, 2102, 2103, 2105 . . . . . 4 sem. hrs.
Physical Education 2106, 2360, 2380, 2390 . . . . . 4 sem. hrs.
Physical Education 2220, 2230 . . . . . 2 sem. hrs.
Electives from the following:
Physical Education 1000- and 2000-level courses (include one aquatics course or proficiency) . . . . . 2 sem. hrs.
Physical Education 3000- or 4000-level courses . . . . . 6 sem. hrs.
TOTAL . . . . . 51 sem. hrs.

**For the education coursework required for this option, see "Teacher Certification Programs."

Option in Physical Education with Teacher Certification** 6-12 Standard High School Certificate

General Education Coursework

The following satisfies both University and Illinois state general education requirements.

Cultural Experience
Course from Fine Arts Component . . . . . 3 sem. hrs.
English Course from Literature Component . . . . . 3 sem. hrs.
Foreign Languages
Courses selected from the Integrated Core . . . . . 0-6 sem. hrs.
Foundations of Civilization
Geography 1100C or History 1500C, 1501C or 1502C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction and Well-Being
Select from Anthropology 2200C, Geography 1200C, Political Science 2253C, Sociology 2750C, Economics 2800C . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Family and Consumer Sciences 2472C, Physical Education 2850C . . . . . 3 sem. hrs.
Language
English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Quantitative Reasoning
Courses selected from Integrated Core . . . . . 3 sem. hrs.
Scientific Awareness . . . . . 9 sem. hrs.
[Zoology 2001C (3 sem. hrs.); Physical Science (3-4 sem. hrs.); Courses selected from the Integrated Core (2-3 sem. hrs.)]
Senior Seminar . . . . . 2 sem. hrs.
United States Constitution
Political Science 1153C or History 3600C . . . . . 3 sem. hrs.
Additional General Education Requirements
History 2010 or 2020 . . . . . 3 sem. hrs.
Humanities Electives (depending on the amount of foreign language taken above) . . . . . 6-0 sem. hrs.
Non-Western or Third World Culture course (if not covered by above coursework) . . . . . 3 sem. hrs.

Physical Education Coursework

Physical Education 1500, 2000, 2440, 2450, 3400, 3600, 4320, 4340, 4470 . . . . . 24 sem. hrs.
Electives from the following
Physical Education technique courses . . . . . 10 sem. hrs.
Two from: 2101, 2102, 2103, 2105
Two from: 2106, 2360, 2380, 2390
One from: 2220, 2230
Electives from Physical Education courses 1000- and 2000-level courses (include one aquatics course or proficiency) . . . . . 4 sem. hrs.
3000- and 4000-level courses . . . . . 6 sem. hrs.
TOTAL . . . . . 44 sem. hrs.

** For the education coursework required for this option, see "Teacher Certification Programs".

Option in Physical Education with Athletic Training and Teacher Certification** 6-12 Standard High School Certificate

The program provides students interested in the prevention, care, and evaluation of athletic injuries the necessary course work and clinical experience to qualify to write the examination leading to certification by the National Athletic Trainers Association (N.A.T.A.).

Guidelines restrict the number of students who may participate in the Athletic Training program. This number is in direct proportion to the number of "certified" clinical supervisors employed by EIU. Due to this imposed limitation, students are advised that their acceptance into this program is not an assumed right. **All students must meet specific program selection criteria.**

Health Studies 2000C, 2320 or 3120 . . . . . 5-7 sem. hrs.
Family and Consumer Sciences 2472C . . . . . 3 sem. hrs.
Biological Sciences 1001C . . . . . 3 sem. hrs.
Physical Education service courses (include an aquatics course or proficiency), one individual or dual sport, one team sport, and two or three elective courses . . . . . 5-6 sem. hrs.
Physical Education 1130, 1500, 2000, 2105, 2130 (taken four times), 2131, 2132, 2220, 2230, 2440, 2450, 3131, 3132, 3400, 3600, 4275 (3 sem. hrs.), 4320, 4340, 4470, 4741 (3 sem. hrs.) . . . . . 51 sem. hrs.
Psychology 2000; elective in psychology . . . . . 5-6 sem. hrs.
Zoology 2001C, 2200 . . . . . 7 sem. hrs.
TOTAL . . . . . 79 - 83 sem. hrs.

(Major GPA based on physical education, health studies, zoology, and psychology courses in the option.)
* May be met by taking the course, satisfactorily completing proficiency, or satisfactorily completing a competency examination.
**For the education coursework required for this option, see "Teacher Certification Programs."

Option in Physical Education with Athletic Training

The program provides students interested in the prevention, care, and evaluation of athletic injuries the necessary course work and clinical experience to qualify to write the examination leading to certification by the National Athletic Trainers Association (N.A.T.A.).

Guidelines restrict the number of students who may participate in the Athletic Training program. This number is in direct proportion to the number of "certified" clinical supervisors employed by EIU. Due to this imposed limitation, students are advised that their acceptance into this program is not an assumed right. **All students must meet specific program selection criteria.**

Integrated Core Requirements must include:
Human Behavior, Social Interaction and Well-Being
Health Studies 2000C . . . . . 3 sem. hrs.
Scientific Awareness
Zoology 2001C . . . . . 3 sem. hrs.
Biological Sciences 1001C . . . . . 3 sem. hrs.
Health Studies 3100 . . . . . 4 sem. hrs.
Family and Consumer Sciences 2472C . . . . . 3 sem. hrs.
Physical Education Service Courses (include one aquatics course or proficiency) . . . . . 6 sem. hrs.
Physical Education 1130, 1500, 2130 (take four semesters), 2131, 2132, 2440, 3131, 3132, 3900, 4275 (3 hrs.), 4340, 4440, 4450, 4741 (3 hrs.) . . . . . 38 sem. hrs.
*Two 2000-level technique courses (one team sport and one individual/dual sport) . . . . . 4 sem. hrs.
**Electives in courses from Physical Education or the following Health Studies courses: 2270, 3700, 3765. . . . . 9 sem. hrs.
Psychology 2000 and three sem. hrs. of Psychology electives. . . . . 6 sem. hrs.
Zoology 2200 . . . . . 4 sem. hrs.
TOTAL . . . . . 83 sem. hrs.

*Duplication of one-hr. activity and two-hr. technique/theory activities not allowed.
**One-hr. activity classes may not be counted. Electives chosen with approval of advisor based on career goal consideration.

Minor in Physical Education Teacher Certification

Teaching Option:
Physical Education 2440, 2450, 3400, 4320, 4340, 4470 . . . . . 19 sem. hrs.
One of the following: Physical Education 2106, 2360, 2380, 2390 . . . . . 2 sem. hrs.
One of the following: Physical Education 2101, 2102, 2103, 2105 . . . . . 2 sem. hrs.
One of the following: Physical Education 1920, 1930, 1940, 2220, 2230 . . . . . 1-2 sem. hrs.
One of the following: Physical Education 1600 or 1692 (omit if you have had 2850C) . . . . . 0-1 sem. hrs.
Zoology 2001C (may be taken in General Education Core) . . . . . 3 sem. hrs.
TOTAL . . . . . 27-29 sem. hrs.

Minor in Physical Education

Coaching Option:
(*Note*: The following courses do not satisfy requirements for state certification for a teaching field.)
Electives from Physical Education 2101, 2102, 2103, 2105, 2390, 2360, 2380 . . . . . 4 sem. hrs.
Physical Education 2440, 3130, 3700, 4320, 4340 . . . . . 15 sem. hrs.
Physical Education 3000-level teaching/coaching courses . . . . . 6 sem. hrs.
TOTAL . . . . . 25 sem. hrs.

RECREATION ADMINISTRATION *(B.S.)*

The Department of Leisure Studies' programs are accredited by the National Recreation and Park Association.

Major

Leisure Studies 1320, 1780, 2250, 2290, 3550 or 3551, 3600, 4275 (6 sem. hrs.), 4740, 4830, 4850 . . . . . 31 sem. hrs.
Electives from: Leisure Studies 2500, 3300, 3310, 3510, 3515, 3860, 3900, 3960 (National Outdoor Recreation and Rural Tourism Consortium), 4741, 4790, 4820, 4860, 4950 . . . . . 17 sem. hrs.
Physical Education activity courses . . . . . 2 sem. hrs.
Electives from economics, management, accounting and marketing approved by advisor and department chair . . . . . 6 sem. hrs.
One of Administrative Information Systems 1900, 2100, Computer and Operations Management 2100, or Leisure Studies 3910 . . . . . 3 sem. hrs.
Psychology course as approved by advisor and department chair . . . . . 3 sem. hrs.
TOTAL . . . . . 62 sem. hrs.

(Major GPA based on all recreation courses taken at Eastern Illinois University.)

Option in Therapeutic Recreation

Integrated Core Requirements must include:
Zoology 2001C . . . . . 3 sem. hrs.
Biological Sciences 1001C . . . . . 3 sem. hrs.
Leisure Studies 1320, 1780, 2250, 2290, 3550 or 3551, 3600, 4275* (6 sem. hrs.), 4740, 4830, 4850 . . . . . 31 sem. hrs.
Leisure Studies 3250, 3360,4355 . . . . . 9 sem. hrs.
Electives from Leisure Studies 2500, 3300, 3310, 3510, 3515, 3860, 3900, 3960 (National Outdoor Recreation and Rural Tourism Consortium), 4741, 4790, 4820, 4860, 4950 . . . . . 4 sem. hrs.
Physical Education activity courses . . . . . 2 sem. hrs.
Electives from economics, management, accounting and marketing approved by advisor and department chair . . . . . 6 sem. hrs.
Zoology 2200 . . . . . 4 sem. hrs.
Psychology 1879C or 2000 . . . . . 3 sem. hrs.
Psychology 3780 . . . . . 3 sem. hrs.
Family and Consumer Sciences 1800 . . . . . 3 sem. hrs.
One of Administrative Information Systems 1900, 2100, Computer and Operations Management 2100, or Leisure Studies 3910 . . . . . 3 sem. hrs.
**Electives approved by advisor and department chair . . . . . 6 sem. hrs.
TOTAL . . . . . 80 sem. hrs.
*Internship (Leisure Studies 4275) must be served in a clinical, residential or community-based therapeutic program under the supervision of a Certified Therapeutic Recreation Specialist (CTRS) by the National Council for Therapeutic Recreation Certification.
**In order to seek certification by the National Council for Therapeutic Recreation Certification (NCTRC), the student must select courses from at least three of the following six areas: adaptive physical education, biological /physical sciences, human services, psychology, sociology, or special education.

Honors Program for Recreation Administration Majors with a 3.50 Cumulative GPA

Admission to the Departmental Honors Program requires students to have at least a 3.50 GPA on a 4.0 point scale and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Recreation Administration Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Leisure Studies 4644 Honors Thesis . . . . . 3 sem. hrs.
Leisure Studies 4666 Honors Seminar (two times) . . . . . 6 sem. hrs.
Leisure Studies 4444 Honors Independent Study . . . . . 1 sem. hr.
Leisure Studies 5420 Principles/Philosophy of Leisure . . . . . 2 sem. hrs.
TOTAL . . . . . 12 sem. hrs.

Minor in Recreation Administration

Recreation 1320, 2290, 3550 or 3551, 4830 . . . . . 11 sem. hrs.
Electives in recreation selected in consultation with a Leisure Studies advisor . . . . . 10 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

SPECIAL EDUCATION *(B.S. in Education)*

Two options are available for the Special Education major:

Early Childhood Option

General Education Coursework

Sciences to include Biological and Physical Sciences[1]* . . . . . 9 sem. hrs.
English 1001C, 1002C*, 3001 . . . . . 9 sem. hrs.
Health* . . . . . 2 sem. hrs.
U.S. History* . . . . . 3 sem. hrs.
Humanities electives* ** . . . . . 9 sem. hrs.
Mathematics* . . . . . 3 sem. hrs.
U.S. Gov't.* . . . . . 3 sem. hrs.
Senior Seminar[2] . . . . . 2 sem. hrs.
Social Science electives* ** . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.

Professional Coursework

Special Education 3000, 3200, 3201, 3220, 3225, 3600, 4600, 4720, 4800, 4820, 4900, 4901, 4920, 4925 . . . . . 45 sem. hrs.
Communication Disorders and Sciences 2210 . . . . . 3 sem. hrs.
Educational Foundations 2555, 4450 . . . . . 6 sem. hrs.
Elementary Education 2320 . . . . . 3 sem. hrs.

Student Teaching 3000[3] . . . . . 1 sem. hr.
Student Teaching 4001[4] . . . . . 16 sem. hrs.
Elective . . . . . 1 sem. hr.

*Must be taken from the Integrated Core.
**At least one three-semester-hour course must be taken in non-western or third world cultures, either in the Humanities or the Social Sciences. For graduation, one course from the cultural diversity list must also be taken. If chosen carefully, this course may satisfy both requirements.
[1]Must include one laboratory course.
[2]Must be taken outside major.
[3]Course will not count toward graduation.
[4]Minimum of eight (8) weeks in a preschool special education classroom and eight (8) weeks L.D., B.D., or E.M.H., K-12.

Standard Special Option

General Education Coursework

Sciences to include Biological and Physical Sciences[1]* . . . . . 9 sem. hrs.
English 1001C, 1002C*, 3001 . . . . . 9 sem. hrs.
Health* . . . . . 2 sem. hrs.
U.S. History* . . . . . 3 sem. hrs.
Humanities electives* ** . . . . . 9 sem. hrs.
Mathematics* . . . . . 3 sem. hrs.
Mathematics 3320 . . . . . 2 sem. hrs.
U.S. Gov't.* . . . . . 3 sem. hrs.
Senior Seminar[2] . . . . . 2 sem. hrs.
Social Science electives* ** . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.

Professional Coursework

Special Education 3000, 3200, 3201, 3600, 3700, 4530, 4600, 4700, 4730, 4800, 4900, 4901 . . . . . 40 sem. hrs.
Communication Disorders and Sciences 2210 . . . . . 3 sem. hrs.
Educational Foundations 2555, 4450 . . . . . 6 sem. hrs.
Elementary Education 2320 or Educational Psychology 3325 . . . . . 3 sem. hrs.
Elementary Education 2000 or Secondary Education 3330 . . . . . 2-3 sem. hrs.
Student Teaching 3000[3] . . . . . 1 sem. hr.
Student Teaching 4001 . . . . . 16 sem. hrs.
Electives . . . . . 1-2 sem. hrs.

*Must be taken from the Integrated Core.
**At least one three-sem. hrs. course must be taken in non-western or third world cultures; may be in Humanities or Social Science. For graduation, one course from the cultural diversity list must also be taken. If chosen carefully, this course may satisfy both requirements.
[1]Must include one laboratory course.
[2]Must be taken outside major.
[3]Course will not count toward graduation.

Honors Program for Special Education Majors

Admission to the Special Education Honors Program is open to students who meet at least two of the following criteria:

a. ACT composite score of 26 or higher or SAT (combined Math and Verbal) of 1000 or higher;
b. upper 10 percent of high school graduating class;
c. 3.50 grade point average for at least 12 hours of coursework undertaken at Eastern Illinois University (may be overall or special education);
d. the permission of the director of the honors programs and the departmental honors coordinator.

Students in the Special Education Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

The following Special Education courses are required:
Special Education 4444 Honors Independent Study . . . . . (Arr.-Arr.-3)
Special Education 4644 Honors Thesis . . . . . (Arr.-Arr.-3)
Special Education 4666 Honors Seminar . . . . . (Arr.-Arr.-3)
A Special Education graduate course approved by the Department Honors Coordinator.

Twelve hours will be deleted from special education or communication disorders and sciences courses listed in the major by mutual consent of student, Departmental Honors Coordinator, Department Chair, and the Certifying Dean.

Thesis supervision will be undertaken by a faculty member selected by the department honors coordinator and department chair in consultation with the student.

Dual Certifications
Special Education and Elementary Education

Any student desiring to earn the Elementary (K-9 Illinois Type 03) certificate in addition to the Standard Special (K-12 Illinois Type 10) certificate may do so by supplementing the Standard Special option with the aid of an academic advisor in the Department of Special Education. Essentially the multiple certification may be accomplished as follows:

Delete one to two sem. hrs. electives and Elementary Education 2000 or Secondary Education 3330.

Include Mathematics 1420, 2420C, 3520 and add three sem. hrs. of Science.

Successfully complete Elementary Education 3000, 3280, 3290, 3340, 3350, 4000, 4880, and Physical Education 3600.

Successfully complete an 18-semester-hour concentration in a single academic discipline from the Social Sciences, Humanities, Math or Science. Nine (9) sem. hrs. of upper division work must be included.

Special Education and Secondary Education

Any student desiring to earn the High School (6-12 Illinois Type 09) certificate in addition to the Standard Special (K-12 Illinois Type 10) certificate may do so by supplementing the Standard Special option with the aid of an academic advisor in the Department of Special Education. Essentially the multiple certification may be accomplished as follows:

Delete one to two sem. hrs. electives and Elementary Education 2000.

Successfully complete Secondary Education 3330, Middle Level Education 3110 and 4280.

Successfully complete 32 sem. hrs. in an Academic Area from the list of Academic Areas which follows: Art, Biological Science, Business Education, English, Family and Consumer Sciences, French, Health Studies, History, Mathematics, Music Education, Psychology, Social Studies, Spanish or Technology Education.

Academic Areas
(All Areas Must Total 32 Semester Hours)

Art (Standard Special Certificate)
Art 1000, 1110, 2250, 2410, 2440; 2100 or 2700, 3410, 2050, plus 11 semester hours of electives from 2100, 2560, 2601, 2330C, 2700, 3080, 3340, 3820.

Biological Science (Standard High School Certificate)
Biological Sciences 1001C*, 1010, 3200, 3400; Environmental Biology 2010*; Botany 1010C, 1022, 3100 or 3200; Zoology 2100 or 3300, 3700.

Business Education (Standard High School Certificate)
(Accountancy 2100 and 2150) or (Business Education 1110, 1120), Administrative Information Systems 2100, Marketing 3470, Economics 2801 and 2802, Business Education 3000, 3403, 3404 and 4750.

English (Standard High School Certificate)
English 2205, 2601, 2901, 3001, 3401, 3402, 4300; plus five additional courses from the groups including at least one in each of Groups 3, 4 and 5. (Consult the English course descriptions in Section XI for an explanation of the groups.)

Family and Consumer Sciences
(Standard High School Certificate)
Family and Consumer Sciences 1120, 2244, 2472C, 2800, 2850, 2234, 3140, 3300, 3400, 4274, 4275 (three sem. hrs.), 4400.

French (Standard High School Certificate)
32 semester hours in French including Foreign Languages 3400 and 3401, but excluding all Credit/No Credit courses.***

German (Standard High School Certificate)
32 semester hours in German to include Foreign Languages 3400, but excluding all Credit/No Credit courses.***

Health Studies (Standard High School Certificate)
Health Studies 2000, 2270, 3199, 3200, 3400, 3500, 3750, 4800; Zoology 2001C* and five electives from at least two of the component areas designated in this catalog under Health Studies Minor.

History (Standard High School Certificate)
History 1500C, 2010, 2020, 3000, 3005, 3500; Social Science 3400; history electives ** numbered above 3000 to include three semester hours in U.S. history and three semester hours in non-U.S. history.

Mathematics (Standard High School Certificate)
Mathematics 1441C, 2310, 2442, 2443, 2550, 2800, 3271, 3400, 3530, 3701, 4800, and mathematics electives** above 3000.

Music Education (Standard Special Certificate)
Music 1101, 1103 (two semesters), 1541, 1542, 1543, 1544, 1581, 2155, 2440, 3439; 3581 or 3582; two hrs. from 1203, 1204, 2205, 2206, 1136 (determined by advisement and auditions); two semesters 0230 or 0231; (3155 and 3440) or 3400; applied study for four semesters. Total, 32 sem. hrs.

Psychology (Standard High School Certificate)[1]
Psychology 2000, 3400, 3601 plus either (Psychology 3800 and sufficient psychology electives**) or (Psychology 2610, 3810 or 3820, and sufficient psychology electives**).

Social Studies (Standard High School Certificate)
History 2010, 2020, 3000, 3005, three sem. hrs. in U.S. History electives; eight sem. hrs. electives from one of anthropology, economics, politicalscience or sociology; three sem. hrs. electives from anthropology, economics, political science or sociology; Social Science 3400.

Spanish (Standard High School Certificate)
32 semester hours in Spanish to include Foreign Languages 3400 and 3510, but excluding all Credit/No Credit courses.***

Technology Education (Standard High School Certificate)
Industrial Technology 1364, 1413, 2064, 2324, and 3400; plus six semester hours in a single technical area** and six semester hours of electives in industrial technology.

---

*May be used to satisfy Integrated Core requirements.
**Appropriate electives should be chosen in consultation with an advisor in the academic department.
***Student must consult with advisor in foreign languages to determine starting level and optional coursework.
[1]There is no state certification test for the area of Psychology. Students selecting Psychology must have an academic minor (other than Speech or Theatre Arts), and must take the state subject exam in that minor.

COLLEGE OF SCIENCES

Lida Wall, Dean
David Ebdon, *Associate Dean*
Barbara Kuykendall, *Assistant to the Dean*

General Mission

The College of Sciences offers high quality undergraduate and graduate education in mathematics, the natural sciences and the social sciences. Students gain knowledge, skills and values that enable them to become productive and responsible citizens with a capacity for reasoned judgement and effective communication. Guided by a faculty known for its commitment to teaching, students are offered outstanding educational opportunities through the disciplines represented in the College of Sciences. The College contributes to the sciences through research and scholarly activities, and is committed to academic, professional and community service.

The College of Sciences provides programs leading to the Bachelor of Arts degree in five majors, two of which are offered with a teacher certification option. The College provides programs leading to the Bachelor of Science degree in 10 majors; three of these majors, along with biological sciences, are offered with a teacher certification option. International studies options are available in economics and political science. Cooperative Bachelor of Science degrees are provided in engineering and medical technology. In addition to interdisciplinary minors in anthropology and pre-law, the College also offers minors in 12 disciplines. Six minors are offered in the teacher certification program. The College has Honors Programs in botany, chemistry, economics, geography, geology, physics, political science and psychology.

At the graduate level, the College offers four programs which lead to the Master of Arts degree, three programs which lead to the Master of Science degree, and two programs which lead to the Master of Science in Education degree. The College also offers a Specialist Degree in school psychology and participates in the interdisciplinary program in gerontology. See the EIU *Graduate Catalog* for further information about graduate programs.

Faculty of the College of Sciences

Botany
Janice Coons, *Chairperson*
Becker, S.; Darding, R.; Harris, E.; McGaughey, J.; Methven, A.; Owen, H.; Pederson, C.; Tucker, G.; Zimmerman, U. D.

Chemistry
Ellen Keiter, *Chairperson*
Black, T. H.; Blitz, J.P.; Deakyne, C.; Ellis, J.; Furumo, N.; Henderson, G.; Higgins, J.; Keiter, R.; Klarup, D.; Marquart, J.; McGuire, M.; Osborne, K.; Sheeran, D.; Wheeler, J.

Communication Disorders and Sciences
Robert Augustine, *Chairperson*
Calvert, L.; Dell, C.; Goldacker, F.; Hanner, M. A.; Jacques, R.; Richard, G.; Smitley, J.; Weiler, N.; Wilson, B.

Economics
Ebrahim Karbassioon, *Chairperson*
Bates, L.; Brodsky, N.; Bruehler, J.; Champlin, D.; Corley, E.; Dao, M.;Fahy, P.; Lenihan, P.; Mason, T.; McPherson, N.; Moshtagh, A.; Nordin, H.; Sidwell, R.; Smith, A.; Thompson, W.; Weber, W.

Geology/Geography
Alan Baharlou, *Chairperson*
Chesner, C.; Gutowski, V.; Jorstad, R.; Khan, B.; Meyer, D.; Obia, G.; Pheifer, R.; Piggott, J.; Smith, B.; Stratton, J.; Wallace, R. G.; Wise, R.

Mathematics
Claire Krukenberg, *Chairperson*
Andrews, P.; Bishop, J.; Broline, D.; Comerford, J.; Comerford, L.; Coulton, P.; Das, K.M.; Davis, A.; Delman, C.; Dey, S.; Galperin, G.; Gauchman, H.; Gerling, M.; Glazebrook, J.; Hawker, C.; Henn, J.; Koontz, L; Nanda, J.; Ronsse, G.; Rosenholtz, I.; Schmalz, R.; Slough, W.; Taitt, N.; Weaver, M.; White, A.; Wolcott, K.

Physics
Keith Andrew, *Chairperson*
Aryainejad, S.; Bergmann, R.; Brandt, D.; Conwell, J.; Daniels, S.; Davis, D.; Gardner, J.; Miller, C., Jr.; Pakey, D.; Storm, L.

Political Science
Richard Wandling, *Chairperson*
Brazil, H.; Carwell, D.; Chen, Y. P.; Faust, J.; Lateef, A.; Leigh II, P.; McNitt, A.; Mueller, M.; Poole, B.; Powell, D.; Thorsen, L.

Psychology
Fred Yaffe, *Chairperson*
Addison, W.; Bailey, W.; Bernas, R.; Best, J.; Brito, C.; Canivez, G.; Gruber, R.; Hanft-Martone, M.; Havey, J.; Jones, K.; Jorgensen, J.; Kirk, W.; Leal, L.; Lenihan, G.; McCormick, C.; Midkiff, E.; Scher, S.; Spencer, W.; Sputa, C.; Williams, J.; Wilson, K.

Sociology/Anthropology
Robert Whittenbarger, *Chairperson*
Benedict, W.R.; Cosbey, J.; Eckert, C.; Foster, G.; Hummel, R.; Kashefi, M.; Magalis, J.; Swartzbaugh, R.; Wohlstein, R.

Zoology
Kipp Kruse, *Chairperson*
Baumgartner, S.; Bollinger, E.; Costa, C.; Fischer, R.; Fritz, G.; Funk, R.; James, J.; Knotts, B.; Landes, B.; Laursen, J.; Marjanovic, M.; Martinez, J.; McGilliard, K.; Miller, B. G.; Moll, E; Nathan, B.; Nelson, T.; Nilsen, H.; Switzer, P.; Wong, G.

Committee	Chairperson
Environmental Biology	Charles Pederson
Pre-Engineering Studies	Leonard Storm
Pre-Legal Studies	Peter R. Leigh II
Pre-Medical Studies	Judith James

COLLEGE OF SCIENCES: ACADEMIC PROGRAMS

BIOLOGICAL SCIENCES with TEACHER CERTIFICATION *(B.S.)*

Major

Biological Sciences 1010	4 sem. hrs.
Biological Sciences 3200	4 sem. hrs.
Biological Sciences 3400	3 sem. hrs.
Botany 1050C*	3 sem. hrs.
Botany 1022	2 sem. hrs.
Botany 3100	3 sem. hrs.
Botany 3200	3 sem. hrs.
Botany 2000C* or 3300	3-4 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315)	4 sem. hrs.
Chemistry (1410, 1415) or (1510, 1515)	4 sem. hrs.
Earth Science 1300C* or 1400C* or 3010C*	2-4 sem. hrs.
Zoology 1020C*	4 sem. hrs.
Zoology 2200 or 3200	3-4 sem. hrs.
Zoology 2001C*	3 sem. hrs.
Zoology 3010	4 sem. hrs.
Zoology 3300	3 sem. hrs.
TOTAL	52-56 sem. hrs.

*This course meets both University and Major requirements.

Professional Education Requirements

Educational Foundations 2555	3 sem. hrs.
Educational Psychology 3325	3 sem. hrs.
Secondary Education 2000, 3300	4 sem. hrs.
Special Education 3500	3 sem. hrs.
Educational Foundations 4450	3 sem. hrs.
Student Teaching 4000 and 4001	12 sem. hrs.
TOTAL	28 sem. hrs.

BOTANY *(B.S.)*

Major

Botany 1010C, 3100, 3200, 3450, 3541, 4601, 4602, 4811	19-21 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); (1410C, 1415C) or (1510C, 1515C); 2730 or 3430	11-12 sem. hrs.
Biological Sciences 1010, 3200	8 sem. hrs.
Mathematics 2250C	4 sem. hrs.
Zoology 1020C	4 sem. hrs.
Electives in Botany:	
Group A (Botany 3300, 4751, 4821, 4882 or 4904)	9 sem. hrs.
Group B (Botany 2033, 2318, 2319, 2320, 4801, 4901 or 4902)	9 sem. hrs.
Electives in Mathematics/Sciences	2-4 sem. hrs.
TOTAL	66-71 sem. hrs.

(Major GPA based on all botany, environmental biology, biological sciences and zoology courses taken at Eastern Illinois University.)

Honors Program for Botany Majors with a 3.50 Cumulative GPA

To be admitted to the departmental honors program, students must have completed a minimum of 60 semester hours of coursework (including transfer work), have at least a 3.50 grade point average on a 4.00 point scale, and have secured permission of the director of the Honors Programs and the Botany Departmental Honors Coordinator.

Students in the Botany Honors Program must maintain an overall grade point average of 3.50. Students who have been dismissed from the program because their overall GPAs have fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Director of the Honors Programs and to the Botany Departmental Honors Coordinator.

Departmental Honors Requirements

In addition to completion of all BS degree requirements in Botany, the student must complete at least 12 hours in the following courses:

Botany 4444 Honors Independent Study[1]	3-6 sem. hrs.
Botany 4666 Honors Seminar[2]	2 sem. hrs.
Botany 4644 Honors Thesis (required)[2]	2-4 sem. hrs.
Elective courses (5000 through 5499)[3]	2-3 sem. hrs.
TOTAL	9-15 sem. hrs.

[1] To substitute for Botany 3450 in the major.
[2] To substitute for Botany 4601, 4602 in the major.
[3] To be approved by the Botany Departmental Honors Coordinator.

Note: Students interested in teacher certification should see the Biological Sciences with Teacher Certification major.

Minor in Botany

Botany 1010C; 1022; 3100; 3200; 3541	15 sem. hrs.
Electives in Botany (three sem. hrs. of 3000 or higher level/or Biological Sciences 3200)	3 sem. hrs.
TOTAL	18 sem. hrs.

CHEMISTRY *(B.S.)*

Major

Chemistry 1310, 1315, 1510C, 1515C, 2310, 2730, 3000, 3001, 3430, 3435, 3500, 3780, 3840, 3845, 3910, 3915	34 sem. hrs.
Mathematics 1441C, 2442	10 sem. hrs.
Concentration in Chemistry, Biochemistry, or Management	28-35 sem. hrs.

Chemistry[1]

Coursework in the following areas:

General Physics (calculus-based, two courses[2]); Physical Chemistry; Undergraduate Seminar (two courses); Computer Programming in Chemistry; Molecular Structure; Modern Inorganic Chemistry; Modern Inorganic Chemistry Laboratory; plus six sem. hrs. selected from other areas in Chemistry.[3] **Total: 28 sem. hrs.**

Biochemistry:

Coursework in the following areas:

Principles of Physics or General Physics (two courses); Biochemistry (three courses); Biochemistry Laboratory; Undergraduate Seminar (two courses); General Biology; Molecular and Cell Biology; plus at least six sem. hrs. selected from other areas in Chemistry[3] or from the following: General Botany or Animal Diversity; Genetics; Bacteriology; Principles of Animal Physiology; Plant Physiology; Embryology; Introduction to Immunology; Advanced Genetics; Plant Pathology; Comparative Vertebrate Physiology; Cardiovascular Physiology. **Total: 33 sem. hrs.**

Management:

Coursework in the following areas:

General Physics (calculus-based, two courses); Principles of Economics (two courses); Principles of Accounting (two courses); Principles of Marketing; Management and Organizational Behavior; Business Financial Management; The Good Life: Theory and Practice; plus three sem. hrs. selected from other areas in Chemistry[4] or from the following: Business Statistics; Computer-Based Systems and Business Applications; Computer Concepts and Applications for Business; Cost Accounting; Introduction to Operations Research; Operations Management; International Economics; Managerial Communications; Organizational Behavior; Organization Theory; Marketing Channels; Buyer Behavior; International Marketing. **Total: 35 sem. hrs.**

(Major GPA based on all chemistry courses taken at Eastern Illinois University.)

[1] Approved by the Committee on Professional Training of the American Chemical Society.
[2] Three courses recommended.
[3] The following may not be used as electives: Chemistry 1040C, 2040C, 3100 and 3200.

[4]The following may not be used as electives: Chemistry 1040C, 2040C, 3100, 3200, and 4001.

Honors Program for Chemistry Majors with a 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have at least a 3.50 grade point average on a 4.0 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator.

Students in the Chemistry Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

At least 12 semester hours in the following courses:

A. Six required semester hours
- Chemistry 4555 Honors Research . . . . . 2 sem. hrs.
- Chemistry 4666 Honors Seminar . . . . . 1 sem. hr.
- Chemistry 4644 Honors Thesis . . . . . 3 sem. hrs.

B. Six or more semester hours elected from:
- Chemistry 4444 Honors Independent Study . . 0-3 sem. hrs.
- Chemistry 4555 Honors Research . . . . . 0-3 sem. hrs.
- A Chemistry graduate course approved by the Departmental Honors Coordinator . . . . . 3 sem. hrs.

Option in Chemistry with Teacher Certification* Standard High School Certificate

(Certification in a second field is required.)

Chemistry 1310, 1315, 1510C, 1515C	8 sem. hrs.
Chemistry 2310, 2730, 3100, 3430, 3435, 3780, 3840, 3845, 3910, 3915	25 sem. hrs.
Electives in Chemistry (excluding 1040C, 2040C, 3001, 3200, 3940, 4001)	3 sem. hrs.
[1]Course(s) in Computer Programming	2-3 sem. hrs.
Mathematics 1441C, 2442	10 sem. hrs.
Physical Science 3400	3 sem. hrs.
[2]Physics 1350, 1360C	8 sem. hrs.
TOTAL	59-60 sem. hrs.

(Major GPA based on Physical Science 3400 and all chemistry courses taken at Eastern Illinois University)

[1]Mathematics 2300 and Chemistry 3940 are suggested.

[2]A minimum of 10 semester hours of Physics (including four semester hours of laboratory) must be elected to meet certification requirements for teaching in Physics. Physics 1370 is recommended.

*For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Chemistry

Chemistry 1310, 1315; (1410C, 1415C) or (1510C, 1515C)	8 sem. hrs.
Chemistry 3430, 3435	5 sem. hrs.
Electives in Chemistry (excluding 1040C, 2040C, 3001, 3100, 3940, 4001)	5-6 sem. hrs.
TOTAL	18-19 sem. hrs.

Minor in Chemistry for Teacher Certification

Chemistry 1310, 1315, (1410C, 1415C) or (1510C, 1515C)	8 sem. hrs.
Chemistry 3430, 3435	5 sem. hrs.
Chemistry 2730	3 sem. hrs.
Electives chosen from Chemistry 2310, 3450, 3910, 4780	2-4 sem. hrs.
Physical Science 3400	3 sem. hrs.
[1]Physics (1150, 1160C) or (1350 or 1390, 1360C)	8 sem. hrs.
TOTAL	29-31 sem. hrs.

[1]A minimum of 10 semester hours of physics (including four semester hours of laboratory) must be elected to meet certification requirements for teaching in physics.

COMMUNICATION DISORDERS AND SCIENCES *(B.S.)*

Major (toward teacher certification)*

Communication Disorders and Sciences 1100, 2110, 2210, 2215, 2700, 2800, 3250, 3600, 3651, 3700, 3800, 3900, 4751, 4761, 4771, 4800	38 sem. hrs.
Communication Disorders and Sciences 4900**	1 sem. hrs.
Physics 1070	4 sem. hrs.
Psychology 1879C or 2000, 3765 or 3780, and 3 sem. hrs. of PSY elective	9 sem. hrs.
Psychology 4515 or Special Education 3000 or 3500	3 sem. hrs.
Zoology 2001C or 2200	3 sem. hrs.
TOTAL	58-59 sem. hrs.

Admission to the Major Communication Disorders and Sciences

I. Probational Admission

Students entering EIU as freshmen or transfers seeking a CDS major will be classified as probational CDS majors. Probational majors may register for all lower division (2999 or lower) courses in the CDS major.

II. Admission to the CDS Major

Access to all upper division CDS courses (3000 or higher) requires admission to the CDS Major. The Department Admissions Committee reviews the applications of all probational CDS majors seeking admission to the major. The committee determines if the student's academic achievement supports admission to the major and access to upper division (3000 or higher) courses.

III. Criteria for Degree Admission

1. Admission to the University
2. Classification as a probational CDS major.
3. Achievement of a cumulative grade point average of 2.5 or higher for all EIU coursework.
4. For native EIU students, completion of at least 45 semester hours of coursework at EIU.
5. For transfers, completion of at least 15 semester hours of coursework at EIU.
6. Completion of at least three of the five lower division core CDS courses in the major and achievement of a minimum 2.85 grade point average for all lower division core CDS courses completed at the time of application. Lower division core courses are:
   - CDS 1100 Phonetics . . . . . 2 sem. hrs.
   - CDS 2110 Anatomy & Physiology . . . . . 2 sem. hrs.
   - CDS 2210 Language Acquisition . . . . . 3 sem. hrs.
   - CDS 2215 Speech Science . . . . . 2 sem. hrs.
   - CDS 2800 Introduction to CDS . . . . . 3 sem. hrs.

IV. Registration for Upper Division Courses

Only students admitted to the CDS major will be approved to register for upper division (3000 or higher) CDS courses.

V. Probational Majors Who Do Not Meet Admission to the CDS Major Criteria

Probational CDS majors who do not meet the requirements for admission to the CDS major will remain classified as probational. Probational majors may continue to take lower division CDS courses; however, probational majors may not register for upper division CDS courses. Probational majors may reapply for admission to the major when they meet the admission requirements or they may seek advisement in changing majors.

VI. Application Deadlines

Applications are available in the Department Office, Room 203, Clinical Services Building. Probational majors must return completed applications to the Department Office on or before the following deadlines in order to be admitted to the major and register for upper-division courses:

Term of Admission	Application Deadline	Notification Date
Fall	February 15	March 1
Fall (Entering Summer)	June 15	July 1
Spring	September 15	October 1

(Major GPA based on all Communication Disorders and Sciences courses taken at Eastern Illinois University.)

*For the education coursework required for this option, please see the sections of this catalog in the College of Education and Professional Studies titled, "Revised Illinois General Education Requirements" and "Professional

Education Requirements in Communication Disorders and Sciences," or consult with a department advisor.
**A 2.5 overall GPA and a 2.85 GPA in the Communication Disorders and Sciences major are required for admission to CDS 4900.

Note: The Master's Degree is the required level of training for Certification by the American Speech-Language-Hearing Association, the Illinois State Board of Education, and the Illinois Department of Professional Regulation. At least a 3.00 GPA (A=4.0) in the undergraduate Communication Disorders and Sciences major and three letters of recommendation are required for admission consideration to the graduate program at Eastern Illinois University. Admission is competitive. All applicants are ranked by a Graduate Admissions Committee according to major GPA, Clinical Criteria, and Professional Criteria. Meeting minimum GPA requirements does not guarantee admission. The committee considers all applications including those of transfers from other four-year colleges and universities. The program is limited to 35 full-time degree-seeking graduate students per year. For more information on the M.S. program in Communication Disorders & Sciences, see the *Graduate Catalog*.

ECONOMICS *(B.A.)*

Admission to this program requires a minimum of 2.25 cumulative grade point average in at least 12 semester hours of work taken at Eastern Illinois University or at another accredited institution of higher education. Graduation from this program requires at least a "C" grade in each of Economics 3971 (or Mathematics 3701 or Computer and Operations Management 2810), 3972, (or Mathematics 3702), 4801, 4802, whether the course or its equivalent is taken at Eastern or at another school.

Major*

[1]Economics courses including Economics 2801, 2802, 3971 (or Mathematics 3701** or Computer and Operations Management 2810), 3972 (or Mathematics 3702**), 4801, 4802; and excluding 2800C . . . . . 36 sem. hrs.
[2]Mathematics 2110C or 1441C** . . . . . 3 or 5 sem. hrs.
Mathematics 2120C or 2550** . . . . . 3 sem. hrs.
TOTAL . . . . . 42 or 44 sem. hrs.

(Major GPA based on all economics courses taken at Eastern Illinois University.)
[1]Substitution of Management or Mathematics courses for Economics 3971 and/or 3972 does not reduce the 36 semester hours required in economics courses.
[2]On the basis of the Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.
*It is strongly recommended that students complete Mathematics 2110C (or 1441C) and 2120C (or 2550) before enrolling in economics courses numbered 4750 and above.
**These courses are recommended for those students who wish to enter Ph.D. programs in Economics. It is also strongly recommended that prospective Ph.D. students complete the entire calculus sequence by following Mathematics 1441C with Mathematics 2442 and 2443 which are prerequisites for Mathematics 3701 and 3702.

Honors Program for Economics Majors with a 3.50 Cumulative GPA

To be admitted to the honors program, students must have at least a 3.50 grade-point average on a 4.0 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator.

Students in the Economics Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Nine semester hours in a combination of the following courses. Each course may be repeated for a maximum of six semester hours. Repeating a course must be approved by the Departmental Honors Coordinator.

A. Honors Independent Study 4444 . . . . . 3 sem. hrs.
Honors Seminar 4666 . . . . . 3 sem. hrs.
A graduate course approved by Departmental Honors Coordinator . . . . . 3 sem. hrs.

B. Honors Thesis 4644 . . . . . 3 sem. hrs.
C. Complete the other requirements for the Economics major. The hours earned in Honors courses will count toward the hours requirement for the major.

Option in Economics with International Studies

[1]Economics courses including Economics 2801, 2802, 3860, 3971 (or Mathematics 3701** or Computer and Operations Management 2810), 3972 (or Mathematics 3702**), 4801, 4802, and excluding 2800C . . . . . 33 sem. hrs.
[2]Mathematics 2110C or 1441C** . . . . . 3 or 5 sem. hrs.
Mathematics 2120C or 2550** . . . . . 3 sem. hrs.
Accounting 2100, 2150 . . . . . 6 sem. hrs.
Management 3010 and 4920 or Finance 3710, 3730, and 4820 . . . . . 6-9 sem. hrs.
[3]History 1400, 2300, 2400, 3000, 3005, 3110, 3250, 3260, 3300, 3350, 3450, 3800, 4820; Political Science 2253C, 3203, 3223, 3303, 3323, 3343, 3363, 3373, 3383, 4821, 4822, 4823, 4933 . . . . . 9 sem. hrs.
Proficiency at the intermediate level of a Foreign Language or completion of courses in Foreign Language to include French 2202, German 2202, Spanish 2202 . . . . . 0-14 sem. hrs.
TOTAL . . . . . 60-79 sem. hrs.

[1]Substitution of Management or Mathematics courses for Economics 3971 and/or 3972 does not reduce the 33 semester hours required in Economics courses.
[2]On the basis of the appropriate Eastern Illinois University Mathematics Placement Examination, a student may also be required to take Mathematics 1270 and/or 1271.
[3]No more than six semester hours may be counted from either History or Political Science.
*It is strongly recommended that students complete Mathematics 2110C (or 1441C) and 2120C (or 2550) before enrolling in Economics courses numbered 4750 and above.
**These courses are recommended for those students who wish to enter Ph.D. programs in Economics. It is also strongly recommended that prospective Ph.D. students complete the entire calculus sequence by following Mathematics 1441C with Mathematics 2442 and 2443 which are prerequisites for Mathematics 3701 and 3702.

Minor in Economics

Economics 2801 and 2802 . . . . . 6 sem. hrs.
Electives in Economics* (excluding Economics 2800C, 3970, and 4275)[1] . . . . . 15 sem. hrs.
TOTAL [2] . . . . . 21 sem. hrs.

*It is strongly recommended that students elect Economics 3971, 4801 and/or 4802.
[1]It is strongly recommended that students complete Mathematics 2110C (or 1441C) and 2120C (or 2550) before enrolling in Economics courses numbered 4750 and above.
[2]Substitution of Management or Mathematics courses for Economics 3971 does not reduce the 21 semester hours required in Economics courses.

ENGINEERING *(B.S.)**

(See also "Pre-Engineering Program")
This cooperative degree program, administered by the Pre-Engineering Studies Committee, requires about three years of work at Eastern Illinois University followed by two years of work at the University of Illinois. It is designed to provide engineering students with a broader base of liberal arts than is usually given in a four-year curriculum. Upon completion of the program, the student receives a Bachelor of Science degree from Eastern Illinois University and a Bachelor of Science in Engineering degree from the University of Illinois. Interested students should consult with the chairperson of the Pre-Engineering Studies Committee for detailed requirements of the program.

Chemistry 1310, 1315, 1510C, 1515C . . . . . 8 sem. hrs.
Mathematics 1441C, 2310[1], 2442, 2443, 3501 . . . . . 20 sem. hrs.
Physics 1000[2], 1350, 1360C, 1370 . . . . . 12 sem. hrs.
[3]Industrial Technology 1043, Physics 2390, 2400, 3270 . 4-13 sem. hrs.
English 1001C, 1002C . . . . . 6 sem. hrs.

Speech Communication 1310C . . . . . 3 sem. hrs.
General Education electives[4] . . . . . 20-27 sem. hrs.
TOTAL . . . . . 73-89 sem. hrs.
Elective credit to bring the total to 90 semester hours.

*Students completing cooperative degree programs, i.e., Engineering and Medical Technology, will be required to take the writing proficiency examination but will not be required to take a senior seminar because the terminal year is taken off-campus in cooperative programs. The upper-division general education requirement in these programs is thus reduced to six hours.
(Major GPA based on all courses in chemistry, industial technology, mathematics, and physics taken from the list above.)
[1]Or an equivalent programming course in C or C++ having engineering applications.
[2]This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.
[3]Students are encouraged to take all of these courses, but one or more may not be required in certain engineering fields.
[4]These courses should be selected in consultation with the chairperson of the Pre-Engineering Studies Committee to ensure that Eastern's General Education requirements and the University of Illinois requirements are both fulfilled.

After completing 60 semester hours in this curriculum, a student may apply to the Pre-Engineering Studies Committee for admission as an engineering candidate. The requirements for admission as an engineering candidate are a minimum grade-point average of 2.50 and approval by the committee. Continuation as an engineering candidate includes meeting the transfer requirements of the College of Engineering at the University of Illinois.

A student who transfers into this curriculum from another college or university must be in residence at Eastern Illinois University for at least one semester before he/she becomes eligible for admission as an engineering candidate.

ENVIRONMENTAL BIOLOGY *(B.S.)*

Major

Biological Sciences 1010, 3200 . . . . . 8 sem. hrs.
Biological Sciences 4750 . . . . . 3 sem. hrs.
Botany 1010C, 3100 or 3200 . . . . . 6 sem. hrs.
Zoology 1020C, 3010 . . . . . 8 sem. hrs.
Botany 3541 or Zoology 3100 . . . . . 4 sem. hrs.
Environmental Biology 3010C, 4275 . . . . . 15 sem. hrs.
Electives: five courses with at least two from Cluster 1
and two from Cluster 2 . . . . . 13-18 sem. hrs.
Cluster 1: Botany 2033, 3100*, 3200*, 3300, 4751, 4801, 4811, 4821, 4882, 4901, 4904
Cluster 2: Zoology 2200, 3200, 3300, 3600, 3700, 4760, 4769, 4770, 4772, 4774, 4777, 4810
Cluster 3: Environmental Biology 4820, 4840, Geography 4890
Chemistry (1310, 1315);
(1410C, 1415C) or (1510C, 1515C);
2730 or 3430 . . . . . 11-12 sem. hrs.
Economics 2800C[1] or 2801 . . . . . 3 sem. hrs.
Earth Science 1400C or (3010C/3015C) or
Earth Science/Geology 1300C[1] . . . . . 3-4 sem. hrs.
Mathematics 1441C[2] . . . . . 5 sem. hrs.
TOTAL . . . . . 79-86 sem. hrs.

(Major GPA based on all biological sciences, botany, environmental biology, and zoology courses taken at Eastern Illinois University which are either required or listed above as electives.)
*One course required in major; the remaining course can be used as an elective in Cluster 1.
[1]Course will be used to help fulfill the Human Behavior, Social Interaction and Well Being General Education requirement.
[2]Students not prepared for Mathematics 1441C may need to take an additional course.

GEOGRAPHY (B.S.)

Major

Required Courses
Earth Science 1400C . . . . . 4 sem. hrs.
Earth Science/Geography 3200 . . . . . 3 sem. hrs.
Earth Science/Geology 1300C . . . . . 3 sem. hrs.
Geography 1100C, 1200C, 3800, 3825, 3875 . . . . . 15 sem. hrs.
Geology 3420 . . . . . 3 sem. hrs.
Total . . . . . 28 sem. hrs.

Courses selected for Concentration A, B, or C . . . . . 18 sem. hrs.
TOTAL . . . . . 46 sem. hrs.

Concentration Requirements
All majors will take 18 semester hours from geography and/or earth science courses in addition to the 28 semester hours of required courses.

A. General Geography
Eighteen semester hours from geography and/or earth science courses *other than Required Courses*. The course of study for the General Geography Concentration will be determined by students only after discussion with, and approval by, their major advisor and department chair.

B. Environmental Studies
Eighteen semester hours from geography and/or earth science *other than Required Courses*. Student must take at least 12 semester hours from the following:
Economics 3810; Earth Science 2420, 3300, 3410, 3550, 3960, 4275, 4400, 4430; Earth Science/Geology 3010C, 3015C, 3450C; Environmental Biology 3010C; Geology 3425, 3525, 4335; Geography 4400.

C. Geographic Techniques/Spatial Analysis
Eighteen semester hours from geography/earth science *other than Required Courses*. Students must take at least 12 semester hours from the following: Earth Science 3960, 4400; Geography 3600, 3750, 3850, 3855, 4275, 4400, 4430, 4890.
Additional Geography optional courses:
Geography 3000, 3025, 3050, 3055, 3065, 3650, 3700, 3775, 3780.

Honors Program for Geography Majors with a 3.50 Cumulative GPA

Departmental Honors Requirements
12 semester hours in a combination of the following courses:
Geography 4666 Honors Seminar . . . . . 1-3 sem. hrs.
An approved graduate course . . . . . 1-3 sem. hrs.
Geography 4444 Honors Independent Study . . . . . 1-6 sem. hrs.
Geography 4555 Honors Research . . . . . 1-6 sem. hrs.
Geography 4644 Honors Thesis . . . . . 1-6 sem. hrs.
TOTAL . . . . . 12 sem. hrs.

Students in the Honors Program for Geography Majors must maintain a 3.5 cumulative grade point average and complete all other requirements for the Geography major. The departmental honors courses and approved graduate course will count toward and replace concentration hours in the Geography B.S. Major. Supervision of a student's course work in the Departmental Honors Program for Geography Majors will be undertaken by a faculty member after approval by the Departmental Honors Coordinator and Department Chairperson. It is highly recommended that students take Geography 4444, 4555 and 4644 in consecutive semesters.

Minor in Geography

Geography 1100C or 1200C . . . . . 3 sem. hrs.
Earth Science 1300C or 1400C . . . . . 3-4 sem. hrs.
Geography 3800 . . . . . 3 sem. hrs.
Electives in geography or earth science selected in consultation with a Geology/Geography Department Chairperson. These must include at least six sem. hrs. of courses numbered 3000 or above . . . . . 12 sem. hrs.
TOTAL . . . . . 21-22 sem. hrs.

Minor in Geography for Teacher Certification

Geography 1100C, 1200C, Earth Science 1300C . . . . . 9 sem. hrs.
Geography 3200 or 3300 . . . . . 3 sem. hrs.
Geography 3000 or 3025 . . . . . 3 sem. hrs.

Geography 3600 or 3650 or 3700 or 3750 . . . . . 3 sem. hrs.
Geography 3800 or 3825 or 3850 or 3875 . . . . . 3 sem. hrs.
Social Science 3400 . . . . . 3 sem. hrs.
Geography Elective . . . . . 3 sem. hrs.
TOTAL . . . . . 27 sem. hrs.

GEOLOGY *(B.S.)*

Major

Geology 1300C, 1430, 2440, 3405, 3420, 3425, 3430, 3510, 3560, 4490, 4800 . . . . . 39 sem. hrs.
Electives:
9 semester hours must be taken from the following A and B lists:
A. A minimum of 6 semester hours must be taken from the following courses: Geology 3460, 3470, 3490, 3500, 3525, 4000, 4200, 4335, 4450, 4480, 4892; Earth Science 3300
B. A maximum of 3 semester hours can be used from the following courses to meet the elective requirement: Geography 3800, 3855, 4890 and Earth Science 3550 . . . . . 9 sem. hrs.
Chemistry 1310, 1315 (1410C, 1415C) or (1510C, 1515C) . . . . . 8 sem. hrs.
Mathematics 1330, 1441C . . . . . 7 sem. hrs.
Physics 1150, 1160C . . . . . 8 sem. hrs.
Zoology 1001C or Botany 1050C . . . . . 3 sem. hrs.
TOTAL . . . . . 74 sem. hrs.

(Major GPA based on all geology and required earth science and geography courses taken at Eastern Illinois University.)

Honors Program for Geology Majors with a 3.50 Cumulative GPA

Departmental Honors Requirements

12 semester hours in a combination of the following courses: (Each course, except thesis, may be repeated for a maximum of six hours. Repetition of courses and graduate course selection must be approved by the Departmental Honors Coordinator.)

A. Geology 4444 Honors Independent Study . . . . . 0-6 sem. hrs.
Geology 4666 Honors Seminar . . . . . 0-6 sem. hrs.
Approved graduate course . . . . . 0-3 sem. hrs.
B. Geology 4555 Honors Research . . . . . 1-6 sem. hrs.
Geology 4644 Honors Thesis . . . . . 1-6 sem. hrs.
TOTAL . . . . . 12 sem. hrs.

C. Students must take Honors Research and Honors Thesis and may select courses under item A with the approval of the Departmental Honors Coordinator.
D. Students must complete the other requirements for the Geology major. The departmental honors courses will count toward and replace the hours in the major in the electives area.
E. Students in the Geology Honors Program must maintain a cumulative grade-point average of 3.50.
F. Honors thesis supervision will be undertaken by a faculty member approved by the Depart mental Chairperson, the Departmental Honors Coordinator, and the student's Faculty Advisor.

Minor in Earth Science

Earth Science 1300C, 1400C, 2420, 3410, 3450C . . . . . 16 sem. hrs.
Any three-semester-hour 3000-4000 level course from Earth Science or Geology . . . . . 3 sem. hrs.
TOTAL . . . . . 19 sem. hrs.

Minor in Earth Science for Teacher Certification

Chemistry 1310, 1315 . . . . . 4 sem. hrs.
Earth Science 1400C . . . . . 4 sem. hrs.
Geology 1300C, 1430 . . . . . 7 sem. hrs.
Physics 1054C . . . . . 3 sem. hrs.
Physical Science 3400 . . . . . 3 sem. hrs.
Two of the following Earth Science courses: 2420, 3410, 3450C . . . . . 6 sem. hrs.
TOTAL . . . . . 27 sem. hrs.

Minor in Geology

Geology 1300C, 1430, 2440, 3405 . . . . . 15 sem. hrs.
Six semester hours in elective Geology courses numbered 3000 and above . . . . . 6 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

MATHEMATICS *(B.A.)*

Major

Mathematics 1441C, (2310 or 2170), 2442, 2443, 2550, 2800, 3530, 3800 . . . . . 29 sem. hrs.
Courses from Group I or Group II . . . . . 23 or 33 sem. hrs.
TOTAL . . . . . 52 or 62 sem. hrs.

Group I
Mathematics 4760, 4855, 4860 . . . . . 11 sem. hrs.
Electives chosen from Mathematics 3271, 3272, 3501, 3502, 3701, 3702, 3770, 4750, 4830, 4850, 4910 . . . . . 12 sem. hrs.
TOTAL . . . . . 23 sem. hrs.

OR

Group II
Mathematics 3701, 3702, 4750, 4850 or Computer and Operations Management 3800, Economics 2801, 2802, Accounting 2100 . . . . . 21 sem. hrs.
Electives from Mathematics 2670, 3570, 3670 3770, 4490, 4760, 4780, 4830, 4870, 4970 . . . . . 6 sem. hrs.
Electives from Economics 3972, 4802, 4803, Accounting 2150, Finance 3900, Management 3010 . . . . . 6 sem. hrs.
TOTAL . . . . . 33 sem. hrs.

(Major GPA based on courses taken in one of the above groups and on all mathematics courses taken at Eastern Illinois University.)

Option in Mathematics with Teacher Certification Standard High School Certificate*

Mathematics 1441C, 2170, 2442, 2443, 2550, 2800, 3271, 3272, 3400, 3530, 3701, 3702, 4900 . . . . . 46 sem. hrs.
TOTAL . . . . . 46 sem. hrs.

(Major GPA based on all mathematics courses taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Mathematics

Mathematics 1441C, 2442, 2443 . . . . . 14 sem. hrs.
Electives in mathematics selected in consultation with a math advisor. These may be any course numbered 2170 or above, with at least six sem. hrs. numbered 3000 or above, but excluding 3400, 3520, 3620 . . . . . 9 sem. hrs.
TOTAL . . . . . 23 sem. hrs.

Minor in Mathematics for Teacher Certification

Mathematics 1441C, 2170, 2442, 2550, 2800, 3271, 3400, 3530 . . . . . 30 sem. hrs.

MATHEMATICS AND COMPUTER SCIENCE *(B.S.)*

Major

Computer and Operations Management 2310 . . . . . 3 sem. hrs.
Mathematics 1441C, 2170, 2345, 2442, 2443, 2550, 2670, 3570, 3670, 3701, 3702, 3770, 4870, 4970 . . . . . 47 sem. hrs.
Mathematics 4275* . . . . . 10 sem. hrs.
Electives chosen from Computer and Operations Management 3290, Mathematics 3501, 3502, 3530, 4750, 4850, Physics 3150 . . . . . 6-8 sem. hrs.
TOTAL . . . . . 66-68 sem. hrs.

*Up to 15 sem. hrs. may be taken but only 10 sem. hrs. count toward major.
(Major GPA based on those courses listed above taken at Eastern Illinois University.)

MEDICAL TECHNOLOGY *(B.S.)*

Changes in the health care field have prompted the University to re-examine the Medical Technology program to ensure that it continues to meet the current and future needs of students and their employers. While that examination is being conducted, no new students will be admitted to the program. However, students whose admission has already been approved by the Pre-Medical Studies Committee may continue their training. Questions should be addressed to the chair of the Pre-Medical Studies Committee.

PHYSICS *(B.S.)*

Major

Chemistry (1310, 1315) or (1300, 1315); 1510C; 1515C . . . . . 8 sem. hrs.
Mathematics 1441C, 2442, 2443, 3501, 3502 . . . . . 20 sem. hrs.
Physics 1350* or 1390, 1360C*, 1370, 2390, 2400, 3080, 3150, 3410, 3420, 4000, 4010, 4850 . . . . . 37 sem. hrs.
Physics 4710 . . . . . 3 sem. hrs.
Electives from Physics 3010, 3011, 3012, 3090, 3270, 3300, 3350, 4410, 4470, 4750, 4800, 4860, 4870 . . . . . 6 sem. hrs.
TOTAL . . . . . 74 sem. hrs.

(Major GPA based on all physics courses taken at Eastern Illinois University.)
*or (1150, 1360C) or (1150, 1160C) with permission of the chairperson of the department.

Honors Program for Physics Majors with a 3.50 Cumulative GPA

Admission to the Physics Departmental Honors Program will be open to students who have at least a 3.50 GPA, for all classes, on a 4.0 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator. In addition, Physics 2390 and Mathematics 3501 must be completed prior to admission.

Students in the Physics Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

At least 12 semester hours in the following honors courses, and subject to the following minima:
Physics 4555 Honors Research . . . . . 3 sem. hrs.
Physics 4644 Honors Thesis . . . . . 3 sem. hrs.
Physics 4666 Honors Seminar . . . . . 2 sem. hrs.
Physics 4444 Honors Independent Study . . . . . 2 sem. hrs.

Students in the Departmental Honors program must also complete all the requirements for graduation as a physics major as given in the current *Undergraduate Catalog*.

Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Chairperson, the Departmental Honors Coordinator, and Faculty Advisor. The thesis must be submitted and defended in accordance with the Senior Thesis Guide and must be signed by the thesis supervisor.

Option in Physics with Teacher Certification* Standard High School Certificate

Chemistry 1310 or 1300; 1315, 1510C, 1515C[2] . . . . . 8 sem. hrs.
Mathematics 1441C, 2300, 2442, 2443, 3501 . . . . . 18 sem. hrs.
Physical Science 3400 . . . . . 3 sem. hrs.
Physics (1350 or 1390, 1360C)[1], 1370, 2390, 2400, 3080, 3150, 3410, 4000, 4010, 4470 . . . . . 34 sem. hrs.
Physics 3500 . . . . . 1 sem. hr.
Physics 4710 . . . . . 2 sem. hrs.
TOTAL . . . . . 66 sem. hrs.

(Major GPA based on Physical Science 3400 and all physics courses taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs."
[1]or (1150, 1360C) or (1150, 1160C) with permission of the chairperson of the department.
[2]Students who wish to teach chemistry should take a minimum of 10 semester hours of chemistry (including four semester hours of laboratory) in order to meet certification requirements in chemistry.

Minor in Physics

Physics 1350, 1390 or 1150, 1360C or 1160C, 1370 . . . . 12 sem. hrs.
Electives from: Physics 2390, 2400, 3010, 3011, 3012, 3080, 3090, 3150, 3300, 3350, 3410, 3420, 4470, 4710, 4750, 4850, 4860, (not more than two sem. hrs. from 3010, 3011, 3012) . . . . . 6 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Minor in Physics for Teacher Certification

Chemistry (1310, 1315) or (1300, 1315); 1510C, 1515C[1] . . . . . 8 sem. hrs.
Mathematics 1441C, 2442 . . . . . 10 sem. hrs.
Physical Science 3400[2] . . . . . 3 sem. hrs.
Physics (1350 or 1390, 1360C)[3], 1370, 3150 . . . . . 16 sem. hrs.
Electives chosen from Physics 2390, 3080, 3410, 4470, 4710, 4750, 4850 . . . . . 3 sem. hrs.
TOTAL . . . . . 40 sem. hrs.

[1]Students who wish to teach chemistry should take a minimum of 10 semester hours of Chemistry (including four semester hours of laboratory) in order to meet certification in chemistry requirements.
[2]Physical Science 3400 may be omitted if the student has credit in Life Science 3400.
[3]or (1150, 1360C) or (1150, 1160C) with permission of the chairperson of the department.

POLITICAL SCIENCE *(B.A.)*

Major

Political Science 1003, 1153C, 2002, 2053, 2603 . . . . . 14 sem. hrs.
International Relations: one of Political Science 2253C, 3203, 3223, 3373, 4823 . . . . . 3 sem. hrs.
Comparative Politics: one of Political Science 3303, 3323, 3343, 3363, 3383 . . . . . 3 sem. hrs.
American Political Behavior: one of Political Science 3713, 3723, 3733 . . . . . 3 sem. hrs.
American Institutions and Policies: one of Political Science 3643, 3743, 3753, 3903, 4843 . . . . . 3 sem. hrs.
Public Administration: one of Political Science 3413, 4793, 4873, 4893 . . . . . 3 sem. hrs.
Public Law: one of Political Science 3513, 3523, 3543, 4774, 4853 . . . . . 3-4 sem. hrs.
Political Theory: one of Political Science 4903, 4913, 4933 . . . . . 3 sem. hrs.
Electives in Political Science . . . . . 6 sem. hrs.
TOTAL . . . . . 41-42 sem. hrs.

(Major GPA based on all political science courses taken at Eastern Illinois University.)

Honors Program for Political Science Majors with a 3.50 Cumulative GPA

Admission to the Political Science Departmental Honors Program is open to students who have at least a 3.50 grade-point average on a 4.0 point scale and have completed the following: Political Science 1003, 1153C, 2002, 2053, and 2603. Permission of the Director of Honors Programs and the Departmental Honors Coordinator is also required.

Students in the Political Science Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and

submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Political Science 4444 Honors Independent Study . . . . . 3 sem. hrs.
Political Science 4555 Honors Research . . . . . 3 sem. hrs.
Political Science 4644 Honors Thesis . . . . . 3 sem. hrs.
Political Science 5000 through
5499 Graduate Seminar . . . . . 3 sem. hrs.

The graduate seminar required of honors students may substitute for one of the distribution requirements in the major with the prior approval of the Departmental Chairperson and the Departmental Honors Coordinator.

Honors students must demonstrate a research skill or a reading knowledge of a foreign language. The foreign language requirement can be satisfied by the equivalent of two years of a foreign language. The research skill requirement can be satisfied by completing Political Science 2002, Political Science 2053, and a research methods course approved by the Departmental Honors Coordinator.

Option in Political Science with International Studies

Political Science 1003, 1153C, 2002,
2053, 2253C . . . . . 14 sem. hrs.
International Relations & Comparative Politics -
12 sem. hrs. from Political Science 3203,
3223, 3303, 3323, 3343, 3363,
3373, 3383, 4823 . . . . . 12 sem. hrs.
American Politics - one of Political Science
3643, 3713, 3723, 3733, 3743, 3753, 3903,
4823, 4843 . . . . . 3 sem. hrs.
Public Administration - one of Political Science -
3413, 4793, 4873, 4893 . . . . . 3 sem. hrs.
Public Law - one of Political Science 3513,
3523, 3543, 4774, 4853 . . . . . 3-4 sem. hrs.
Political Theory - one of Political Science 4903,
4913, 4933 . . . . . 3 sem. hrs.
History - two of History 3110, 3200, 3210, 3250,
3260, 3300, 3350, 3450, 4820, 4830 . . . . . 6 sem. hrs.
Economics - 12 sem. hrs. from Economics
2801, 2802, 3860 plus one from
Economics 4511, 4570, 4813, 4861, 4875 . . . . . 12 sem. hrs.
TOTAL . . . . . 56-57 sem. hrs.

Proficiency in a foreign language at the intermediate level or completion of courses in a foreign language to include French 2202 or German 2202 or Spanish 2202 is also required.

Minor in Political Science

18 semester hours in political science,
including Political Science 1153C, plus
one of 1003, 2603, and 2253C; must
include at least six semester hours
of courses numbered 3000 and above . . . . . 18 sem. hrs.

Pre-Engineering Program

(See also "Engineering B.S.")

This two-year program is administered by the Pre-Engineering Studies Committee. Students planning to enroll in pre-engineering are advised to include the following in their high school programs: mathematics--four or more units, including trigonometry; and Science--three or more units, including chemistry and physics. Students with deficient high school background should expect their graduation with an engineering degree to be delayed.

There are two pre-engineering options: general (appropriate for all except chemical engineering) and chemical. Students interested in the chemical engineering option should consult with the chairperson of the Pre-Engineering Studies Committee. The minimum general pre-engineering requirements are as follows:

Chemistry 1310, 1315, 1510C, 1515C . . . . . 8 sem. hrs.
English 1001C, 1002C . . . . . 6 sem. hrs.
Industrial Technology . . . . . 3 sem. hrs.
Mathematics 1441C, 2310[1], 2442, 2443, 3501 . . . . . 20 sem. hrs.
Physics 1000[2], 1350, 1360C, 1370, 2390,
2400, 3270 . . . . . 22 sem. hrs.
Humanities and Social Studies approved by
Pre-Engineering Chairperson . . . . . 6 sem. hrs.
TOTAL . . . . . 65 sem. hrs.

[1]Or an equivalent programming course in C or C++ having engineering applications.
[2]This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.

Pre-Law Program and Minor

In order to provide students with guidance in the selection of those courses which will enable them to complete a J.D. at an American Bar Association accredited law school, Eastern Illinois University offers a minor in Pre-Law Studies. This minor will provide students with the following: basic analytical skills, an introduction to the language of the law, and the written communication skills necessary for the study of law. This minor is administered by the Pre-Law Advisor and the Pre-Legal Studies Committee.

All students interested in a career in law should consult with the Pre-Law Advisor (217) 581-6220 (Coleman Hall 214-I) for information regarding law school admission requirements.

Students at Eastern are provided with a variety of on-campus services by the Pre-Law Advisor and the Pre-Legal Studies Committee, including: information about all ABA-approved law schools, guest presentations by law school admissions officers and by persons who practice law, several scholarships for students who are admitted to law school, field trips to area law schools, Pre-Law Internships, a Pre-Law Club, the Law School Admission Test, a mock Law School Admission Test, LSAT Preparatory Course and advice from the Pre-Law Advisor concerning law school admissions strategies.

Minor in Pre-Law Studies

English 3001 . . . . . 3 sem. hrs.
Philosophy 1900 . . . . . 3 sem. hrs.
History 2010 . . . . . 3 sem. hrs.
One course chosen from Management 2750
or Journalism 4101 . . . . . 3 sem. hrs.
One course chosen from Political Science
3513, 3523, 3543, 4774, 4853 . . . . . 3-4 sem. hrs.
Electives from: Economics 2801, English 4760,
History 4904, 4910, Sociology 2750C, Speech
2300, 2340, Political Science 1153C, 2603 . . . . . 6 sem. hrs.
TOTAL . . . . . 21-22 sem. hrs.

Note: Courses satisfying the requirements for this minor may not be used to simultaneously satisfy the requirements for any major.

Pre-Dentistry Program

This program is administered by the Pre-Medical Studies Committee. The following two-year program meets the minimum course requirements for admission to most dental schools. Pre-dental students are urged to complete at least two years of college work before applying for admission to dental school. It is recommended that the minimum program be enriched with electives in history, economics, philosophy, sociology, and a modern language. Suggested courses in the sciences include bacteriology, genetics, and psychology. All applicants for dental school are required to take the dental admission test (D.A.T.) given by the American Dental Association.

English 1001C, 1002C . . . . . 6 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
Chemistry 1310, 1315, 1410C,
1415C, 3430, 3435, 3840 . . . . . 16 sem. hrs.
Physics (1150, 1160C) or (1350, 1360C) . . . . . 8 sem. hrs.
Mathematics 1271 . . . . . 3 sem. hrs.
Biological Sciences 1010 . . . . . 4 sem. hrs.
Zoology 1020C; 2200 or 3200 . . . . . 7-8 sem. hrs.
Electives approved by advisor . . . . . 12-13 sem. hrs.
TOTAL . . . . . 60 sem. hrs.

Pre-Medicine Information

Since many medical schools admit few, if any, students without a bachelor's degree, most students desiring the M.D. degree complete a bachelor's degree before entering medical school. Programs leading to the B.A. or the B.S. degree with a variety of majors are suitable although most students select a major in chemistry or zoology. When registering, such students should indicate their choice of degree and major. All students interested in a career in medicine should consult with the Chairperson, Pre-Medical Studies Committee, for information regarding medical school admission requirements.

Students should be prepared to take the Medical College Admissions Test (MCAT) during the spring semester of their junior year; the following requirements should be met by that time:

Chemistry (1310, 1315); (1410C, 1415C); 3430, 3435, 3840 . . . . . 16 sem. hrs.
Biological Sciences 1010 . . . . . 4 sem. hrs.
Physics (1150C, 1160C) or (1350, 1360C) . . . . . 8 sem. hrs.
Zoology 1020C . . . . . 4 sem. hrs.
Electives, Biological Sciences 3200, Zoology 3100 recommended . . . . . 8 sem. hrs.

Pre-Nursing, Optometry, Pharmacy, and Physical Therapy Programs

These programs are administered by the Pre-Medical Studies Committee. They are flexible programs designed for students who desire one or more years of college work to prepare for admission to health related professional schools. Detailed information is available in the office of the Chairperson, Pre-Medical Studies Committee.

Pre-Veterinary Medicine Program

This program, administered by the Pre-Medical Studies Committee, is designed to prepare students for admission to many schools of veterinary medicine. This program does not fulfill requirements for a major, and students should plan to choose a major field, such as Zoology, and complete other requirements for graduation in the event they are not accepted into a veterinary school prior to earning the baccalaureate degree.

English 1001C, 1002C . . . . . 6 sem. hrs.
Chemistry 1310, 1315, 1410C, 1415C, 2730, 3430, 3435, 3450 . . . . . 19 sem. hrs.
Physics (1150, 1160C) or (1350, 1360C) . . . . . 8 sem. hrs.
Biological Sciences 1010, 3200 . . . . . 8 sem. hrs.
Zoology 1020C . . . . . 4 sem. hrs.
Electives, approved by the advisor . . . . . 15 sem. hrs.
TOTAL . . . . . 60 sem. hrs.

PSYCHOLOGY *(B.A.)*

Major

Psychology 2000(1879), 2610, 2999 . . . . . 8 sem. hrs.
Psychology 3805 or 3810 . . . . . 4 sem. hrs.
Math 1271 or satisfactory score on math placement test . . . . . 0-3 sem. hrs.
Group A: at least two from Psychology 3310, 3620, 3680, 3830 . . . . . 6 sem. hrs.
Group B: at least two from Psychology 3590, 3780, 3870 . . . . . 6 sem. hrs.
Group C: at least one from Psychology 3530, 3601, 3765 . . . . . 3 sem. hrs.
Group D: at least one from Psychology 3515, 3521, 3525 . . . . . 3 sem. hrs.
Electives: nine sem. hrs. from any Psychology courses except Psychology 4274 and 4275 . . . . . 9 sem. hrs.
TOTAL . . . . . 39-42 sem. hrs.

(Major GPA based on all Psychology courses taken at Eastern Illinois University.)

A grade of C or better is required in all Psychology courses counting towards the major.

Honors Program for Psychology Majors with a 3.50 Cumulative GPA

Admission to the Departmental Honors Program in Psychology requires at least a 3.50 GPA on a 4.0 point scale and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Students in the Psychology Science Honors Program must maintain an *overall* grade point average of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors Students will meet core requirements for major.
Psychology 3310, 3590, 3780, 3830, 3870, 4250, 4880 . . . . . 21 sem. hrs.
Psychology 3515 or 3521 or 3525 . . . . . 3 sem. hrs.
Psychology 4666 Honors Seminar (taken twice) . . . . . 6 sem. hrs.
[Psychology 4444 (Honors Independent Study) taken once may be substituted for Psychology 4666]
Psychology 4644 Honors Thesis . . . . . 3 sem. hrs.
One graduate level course approved by the Departmental Honors Coordinator . . . . . 3 sem. hrs.
[Psychology 4444 (Honors Independent Study) may be substituted for this require ment]
Psychology 4444 can be taken for a total of no more than six hours. Minimum
TOTAL . . . . . 53-56 sem. hrs.

Option in Psychology with Teacher Certification* Standard High School Certificate

(Minor in a second teaching field other than Speech Communication and Theatre Arts required.)
Psychology 2000 (1879), 2610 and 2999 . . . . . 8 sem. hrs.
Psychology 3805 or 3810 . . . . . 4 sem. hrs.
Math 1271 or 1300 or satisfactory score on math placement test . . . . . 0-3 sem. hrs.
Group A: at least two from Psychology 3310, 3620, 3680, 3830 . . . . . 6 sem. hrs.
Group B: at least two from Psychology 3590, 3780, 3870 . . . . . 6 sem. hrs.
Group C: at least one from Psychology 3530, 3601, 3765 . . . . . 3 sem. hrs.
Group D: at least one from Psychology 3515, 3521, 3525 . . . . . 3 sem. hrs.
Psychology 3400, 4515 . . . . . 6 sem. hrs.
Electives: Three sem. hrs. from any Psychology courses except Psychology 4274 and 4275 . . . . . 3 sem. hrs.
TOTAL . . . . . 39-42 sem. hrs.

(Major GPA based on all psychology courses taken at Eastern Illinois University.)
*For the education coursework required for this option, see "Teacher Certification Programs." For general education requirements for certification, see advisor.

Minor in Psychology

Psychology 2000 (1879) . . . . . 3 sem. hrs.
Electives in Psychology (excluding 3400) selected to meet the particular educational goals of individual students in consultation with a Psychology advisor. Must include at least nine hrs. of courses numbered 3000 or above . . . . . 15 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

A grade of C or better is required in all Psychology courses counting towards the minor.

Minor in Psychology for Teacher Certification

Psychology 2000 (1879)	3 sem. hrs.
Psychology 3400 or Social Science 3400	3 sem. hrs.
Electives in Psychology	14 sem. hrs.
TOTAL	20 sem. hrs.

SOCIOLOGY *(B.A.)*

Major

Sociology 2710, 2721, 3520, 3610, 3620, 4250, 4900	21 sem. hrs.
Anthropology 2200C	3 sem. hrs.
Twenty-one semester hours of sociology electives (exclusive of 3970 and 4275) chosen in consultation with the student's advisor	21 sem. hrs.
TOTAL	45 sem. hrs.

(Major GPA based on Anthropology 2200C and all sociology courses taken at Eastern Illinois University.)

To be admitted to the sociology major, native students at Eastern must have at least 15 semester hours of credit with a CGPA of at least 2.0*; transfer students must have at least 15 hours of credit taken at Eastern with a CGPA of at least 2.0.* Once admitted, in order to be certified for graduation with a major in sociology, a student must achieve a CGPA of at least 2.0 in the core courses in the major used to satisfy graduation requirements.* Once admitted, in order to be certified for graduation with a minor in sociology, a student must achieve a CGPA of at least 2.0 in the core courses in the minor used to satisfy graduation requirements.*

*If the student believes there are extenuating circumstances relevant to the failure to meet this requirement, appeal to the Departmental Grade Appeals Committee is possible.

Minor in Sociology

Sociology 2710, 2721, 3520, 3620	12 sem. hrs.
Electives in Sociology (exclusive of 4275 and 3970) selected in consultation with a Sociology advisor of the student's choosing	9 sem. hrs.
TOTAL	21 sem. hrs.

Minor in Anthropology

Anthropology 2200C, 2742	6 sem. hrs.
Either A or B below	6-9 sem. hrs.
Electives from Anthropology 3602, 3606, 3611, 3691, 3712, 4400	9-6 sem. hrs.
TOTAL	21 sem. hrs.

Group A: Cultural Anthropology: Six to nine semester hours from: English 3901, Geography 3650, History 3200, 3210, 3260, 3300, 3780, Political Science 3383, Spanish 4320[1].

Group B: Physical Anthropology and Archaeology: Six to nine semester hours from: Botany 2320, Geology 1300C, 1430, History 3510, 3780, Biological Sciences 3200, Sociology 3610, Zoology 2200[2].

[1]Prerequisite: Three years of college Spanish or permission of the department chairperson.
[2]Prerequisite: Biological Sciences 1001C.

ZOOLOGY *(B.S.)*

Major

Botany 1010C	3 sem. hrs.
Chemistry 1310, 1315, 1410C, 1415C, 3430	12 sem. hrs.
Biological Sciences 1010, 3200	8 sem. hrs.
Mathematics 1441C[1]	5 sem. hrs.
Zoology 1020C, 3000, 3010, 3100, 3200 or 3500	19 sem. hrs.
Electives in more than one area of botany, physical science or mathematics [2,3]	8 sem. hrs.
Electives in zoology or environmental biology (except 4275)[2,3]	12 sem. hrs.
TOTAL	67 sem. hrs.

(Major GPA based on all environmental biology, biological sciences and zoology courses taken at Eastern Illinois University.)
[1] Students not prepared for Mathematics 1441C may need to take an additional course.
[2]Excluding workshops (3997, 3998, 3999, 4997, 4998, 4999).
[3]General Education (C courses except Environmental Biology 3010C, Mathematics 2250C and Physics 1160C) and all Mathematics courses numbered below Mathematics 1441C are not acceptable in the Zoology major.

Note: Students interested in teacher certification should see the Biological Sciences with Teacher Certification major.

Minor in Zoology

Biological Sciences 1010 (or equivalent)	4 sem. hrs.
Zoology 1020C	4 sem. hrs.
Electives in Zoology, Environmental Biology, and Biological Sciences[1,2,3]. At least nine sem. hrs. must be taken in addition to those required in the student's major	14 sem. hrs.
TOTAL	22 sem. hrs

[1]Excluding workshops (3997, 3998, 3999, 4997, 4999). Biological Sciences 3400 and Environmental Biology 4275 are also excluded.
[2]At least six hours must be from 3000 level courses and above.
[3]No general education C courses (except Environmental Biology 3010C) are acceptable as electives in the Zoology minor.

INTERDISCIPLINARY PROGRAMS

Minor in Public Relations

Journalism 2101, 3002, 3302, Speech Communication 2300, 3500 . . . . . 13 sem. hrs.
Journalism/Speech Communication 4919, 4920 . . . . . 6 sem. hrs.
Journalism 4275 or Speech Communication 4275 . . . . . 1 sem. hr.
Nine semester hours chosen from:
Journalism 3000, 3102, 4760, Speech Communication 2320, 3230, 3300, 3520, 3540, 3610, 3620, Management 3010, Marketing 3470; Journalism 3001 *OR* Industrial Technology 1201 . . . . . 9 sem. hrs.
TOTAL . . . . . 29 sem. hrs.

Note: Speech Communication majors and minors must take Speech Communication 3520 and 3540 instead of 3500, making total required 32 sem. hrs.
Note: Electives must be selected in consultation with the Chairperson of the Journalism or the Speech Communication Department and the Public Relations Advisor.

Minor in Latin American Studies

Students who seek knowledge of Latin American affairs, culture, and language are invited to consult with the chairperson of the Latin American Studies Committee for assistance in selecting courses suited to their individual needs.

Spanish 2201, 2202 . . . . . 8 sem. hrs.
History 3260 . . . . . 3 sem. hrs.
Three courses approved by the Chairperson of the Latin American Studies Committee from the following: Anthropology 3602, Economics 4875, Political Science 3383, Spanish 3520 or 4320, Latin American Studies 4400 . . . . . 9 sem. hrs.
TOTAL . . . . . 20 sem. hrs.

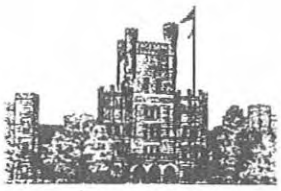
Minor in Women's Studies

Recent scholarship has made it clear that full understanding of human behavior, culture, and society cannot be attained without investigating women's experiences. The Women's Studies minor is an 18-hour interdisciplinary program designed to offer students such an opportunity. It provides new ways of approaching conventional disciplines and opens up questions previously unexamined.

Our aim is two-fold: to stimulate and promote new scholarship in the area of Women's Studies and to encourage traditional departments to broaden fields of study to include women's issues. Attention paid to women's perspectives has altered our understanding of historical change, social, economic, and political life, and the arts and sciences. In addition, Women's Studies highlights the necessity of understanding important social divisions other than gender: those of race, economic status, sexual identity, and nationality. It provides key conceptual tools that women and men can use in educating themselves both in and out of college.

Courses listed below are offered on a regular basis; in addition, occasional special topics courses may be taken for credit toward the minor with permission of the Women's Studies Minor Chair. Once the minor has been selected, students should contact the Women's Studies Minor Chair as soon as possible, as well as declare their minor in Enrollment Management, 116 Old Main.

Women's Studies 4309 . . . . . 3 sem. hrs.
Electives from: Art 3685, Educational Guidance 5200, English 3903, Family and Consumer sciences 2831, History 3900, Health Studies 3560, Journalism 3903, Political Science 3903, Psychology 3720, EIU 4008, 4013, 4017; Sociology 3903, Speech Communication 3903, Women's Studies 2309C, 3309, 4000, 4275 . . . . . 15 sem. hrs.
TOTAL . . . . . 18 sem. hrs.



IX

School of Adult and Continuing Education

The School of Adult and Continuing Education at Eastern Illinois University is committed to providing high quality, on- and off-campus and credit and credit-free programming to the citizens of the State of Illinois. We offer a nontraditional degree program for adult students, the Board of Governors Bachelor of Arts degree program. Credit classes are offered at area centers, including Danville Area Community College in Danville, the Millikin Graduate Center in Decatur, Olney Central College in Olney, Salem High School in Salem, Richland Community College in Decatur, Lake Land Community College in Mattoon and Effingham, and Parkland Community College in Champaign/Urbana. We provide a large number of contract-credit classes to a wide variety of constituents, both of a credit and credit-free nature. Any requests for information should be forwarded to the Office of Off-Campus Programs.

Admission Requirements

(See Section IV., Admission, Readmission, Enrollment, and Advisement.)

Students must meet the same criteria for admission to continuing education courses as is required for admission to on-campus courses.

Enrollment Procedures

Pre-enrollment in continuing education courses using a mail-in registration form is highly recommended. However, in a few cases, students may enroll up to the second class meeting, if space is available and approved by the appropriate academic department and the Director of Off-Campus Programs. Mail-in registration forms may be obtained from the Office of Off-Campus Programs. See the off-campus continuing education schedule for complete details.

Fees

All tuition and fees are based upon student classification and must be paid at the time of registration. Student costs are based upon the following:

TUITION	**UNDERGRAD**	**GRAD**
(Per Semester Hour)	$85.50	$90.25
TEXTBOOK RENTAL		
(Per Semester Hour)	$ 5.40	$ 5.40

(Students should calculate tuition costs and textbook fees.)

NOTE: Students who are incorrectly assessed a lower fee for course work at the time of registration will receive a supplementary billing later in the semester.

Scholarships – Waivers

Scholarships and fee waivers must be validated by the appropriate office prior to use in off-campus courses. Contact the Office of Continuing Education for information regarding waivers.

Tuition Assistance

Military personnel should process their tuition assistance forms through their respective agency in advance of the registration date. No registration can be accepted without completed assistance forms.

Classification of Students

Undergraduate students are classified as follows:

Freshmen	0-29 semester hours
Sophomores	30-59 semester hours
Juniors	60-89 semester hours
Seniors	90 and above semester hours

Graduate students are those students who have completed a bachelor's degree from a regionally accredited institution.

Schedule of Classes

The schedule of continuing education credit classes is printed and distributed each semester by the Office of Off-Campus Programs. Please address inquiries and requests for schedules to:

School of Adult and Continuing Education
206 Blair Hall
Eastern Illinois University
Charleston, IL 61920
or telephone (217)581-5114/fax (217)581-6697.
Web site: http://www.eiu.edu/~adulted

Adult Degree Programs

Degree programs of particular interest to the adult nontraditional learner are Career Occupations, described in detail in Section VIII, and the Board of Governors - Bachelor of Arts, detailed below:

BOARD OF GOVERNORS DEGREE PROGRAM *(B.A.)*

The Board of Governors degree program is an individualized, nontraditional program designed for working adults. A major is not required and skills and knowledge acquired by non-academic means can be evaluated for academic credit. The requirements for graduation are:

120 semester hours total
- 40 semester hours at the junior-senior level
- 15 semester hours completed in any order at any combination of the five universities comprising the Board of Governors B.A. Consortium
- 12 semester hours in social studies
- 12 semester hours in humanities
- 12 semester hours in science and/or mathematics.
- 1 course in cultural diversity

In addition, students must successfully complete the following:
- The Illinois and U.S. Constitution Requirement;
- The Writing Competency Examination; and,
- A minimum 2.00 cumulative grade-point average.

Note: Students pursuing the Board of Governors degree who wish to qualify for an Illinois Teaching Certificate degree should consult both the Director of the Board of Governors B.A. program and the Certification Office in the College of Education and Professional Studies.

Notes: A student must be admitted to this program by the Director of the Board of Governors B.A. degree program. No credit is awarded for a course grade of D after a student has been admitted to the program.

Conferences, Workshops, and Institutes

Conducting workshops, conferences and special programs of a credit-free and credit nature is part of the mission of the School of Adult and Continuing Education at Eastern Illinois University. Each year, the school plans, implements, and evaluates a wide variety of workshops, institutes, etc. Adult and Continuing Education Programs have professional staff members who will provide program-planning services and administrative and logistical support to offer seminars, short courses, workshops, conferences, and meetings of all sizes. If you are interested in credit-free programs, you should contact the Office of Conferences and Non-Credit Programs, and if you are interested in credit programs, you should contact the Office of Off-Campus Programs.

To facilitate offering workshops and courses for credit, the following numbers have been established for use by school or department:

Undergraduate numbers:

(Dept) 3997 Special Course	(1-3 sh)
(Dept) 3998 Workshop	(1-3 sh)
(Dept) 3999 Workshop	(1-3 sh)

Graduate/Undergraduate numbers:

(Dept) 4997 Special Course	(1-3 sh)
(Dept) 4998 Workshop	(1-3 sh)
(Dept) 4999 Workshop	(1-3 sh)

Note: A maximum of six semester hours may be earned in 4997, 4998, 4999 in any Specialist in Education program.

Contract-Credit Courses

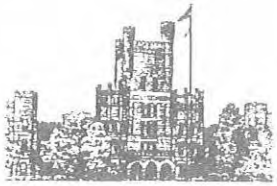
The School of Adult and Continuing Education can develop special credit courses and workshops with educational and governmental agencies on a contractual basis. These special courses can be offered at locations convenient for the students involved. Please contact the Office of Off-Campus Programs for details.

Credit for Continuing Education Courses

Credit will be given upon successful completion of continuing education courses subject to approved university policies. Students may audit courses with permission of the instructor and with payment of the appropriate fees. Credit received in Eastern Illinois University courses taught by Eastern Illinois University faculty, either on- or off-campus, will be counted as credit in residence.

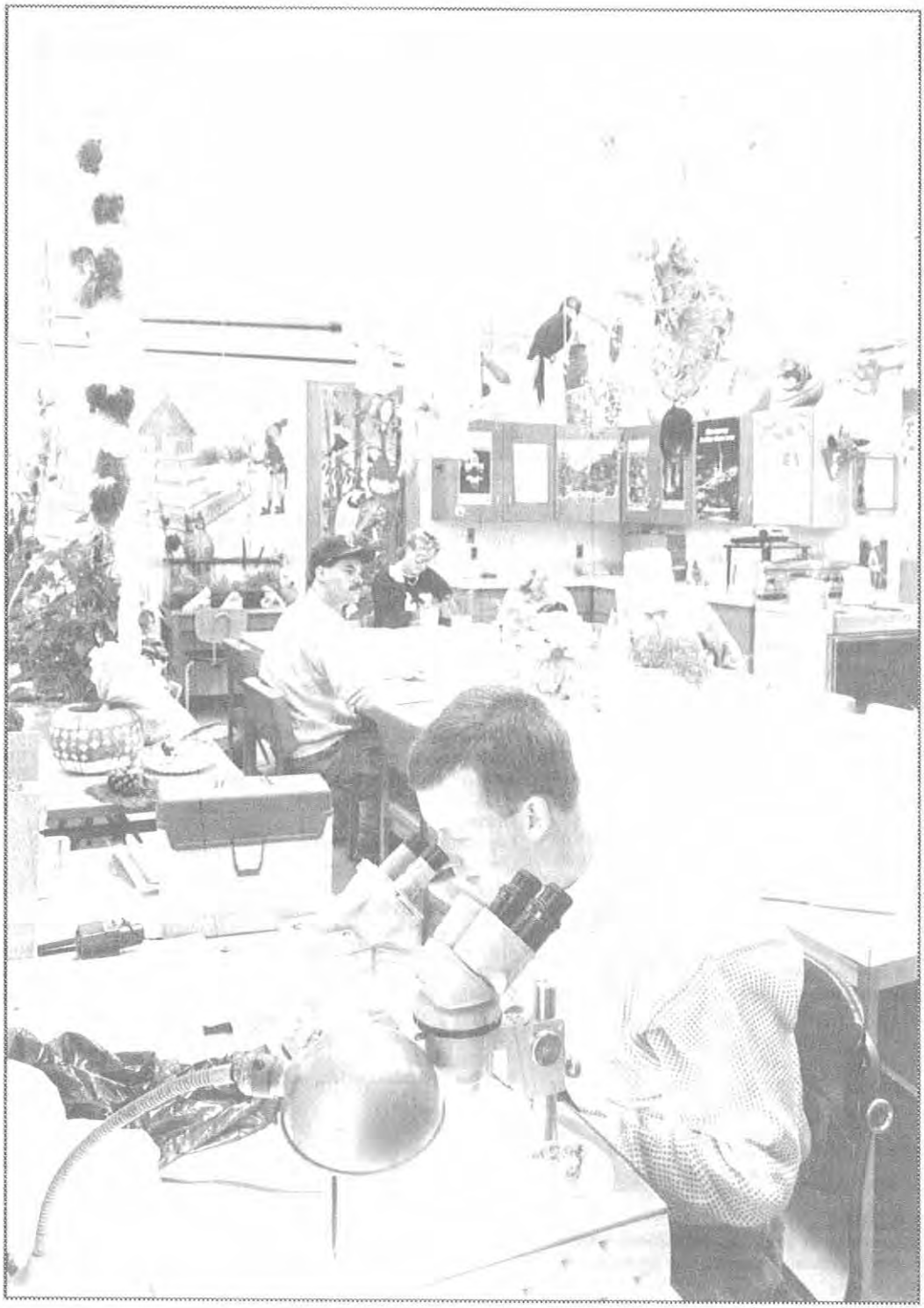
Distance Learning Classes/Workshops

The School of Adult and Continuing Education is offering a growing number of classes/workshops via distance learning modalities. For further information, please contact the Director of Distance Learning at the School of Adult and Continuing Education at (217) 581-5116.



X

Graduate School



Graduate Degrees

The University offers these master's degrees: Master of Arts (M.A.); Master of Science (M.S.); Master of Business Administration (M.B.A.); and Master of Science in Education (M.S. in Ed.). The Specialist in Education (Ed.S.) degree and the Specialist Degree in School Psychology (S.S.P.) are also offered.

Graduate School Regulations

Certain academic regulations outlined in this catalog differ for graduate students. For current and detailed descriptions of the academic regulations as they pertain to graduate students and for more complete descriptions of the various graduate programs, see the *Graduate Catalog*.

Catalogs, application blanks, and other materials can be obtained from the Office of the Dean of Graduate School and International Programs.

Admission to Graduate Courses

Eastern Illinois University encourages post-baccalaureate degree study. To accommodate students with different career goals, a student may be admitted to pursue graduate coursework in either of two education tracks. Non-degree status is assigned to students who do not intend to complete an advanced degree. Students who desire to work toward the completion of a master's or specialist's degree must follow an outlined procedure. Details can be found in the current edition of the Eastern Illinois University *Graduate Catalog*. Students desiring information are encouraged to contact the Office of the Graduate Dean at (217) 581-5937.

International Students

Regulations concerning the admission of students from foreign nations to graduate study can be obtained from the International Programs Office. Since some delay in time will be experienced in communicating with international students, information should be sought as early as possible before the term in which the student wishes to enroll.

Seniors at Eastern Illinois University

During the final semester of residence in undergraduate work, or the penultimate semester of residence if the final semester is to be spent in student teaching or internship, a senior may apply for permission to take graduate level courses numbered 4750 through 5499 for reserve graduate credit. This credit is subject to a maximum of nine semester hours and may not exceed the difference between that required to complete the undergraduate degree and the maximum enrollment allowed a graduate student in that term. Graduate credit will not be granted for any course which is used in any way for fulfilling the undergraduate requirements for a degree.

Qualified seniors at Eastern Illinois University may elect to enroll in courses numbered 5000 through 5499 for undergraduate credit. No undergraduate may enroll in courses numbered 5500 or above.

To be eligible to apply, a student must have a 2.75 grade point average on all EIU coursework and obtain permission from both the instructor of the course and the Graduate Dean, prior to enrollment. Application forms are available in the Graduate Dean's Office.

Scholarships

Military scholarships are valid for graduate study, and any unused portion of a Teacher Education Scholarship may be applied to graduate study.

Financial Aid

Perkins Loans and Work Study jobs are available to those students who qualify on the basis of financial need. For information contact the Director of Financial Aid.

For information concerning the Guaranteed Loan Program, contact a local lending institution.

Graduate Assistantships

Graduate assistantships are available in academic departments offering graduate programs. In some cases, graduate assistants may be assigned to certain administrative offices.

Students wishing information about awards should contact the department of their choice or the Office of the Graduate Dean. Applications for assistantships should be submitted to the appropriate academic department.

Graduate Degrees Offered

Master of Arts and Master of Science Degrees

Aim: It is the purpose of these programs to provide intensive study designed to develop advanced scholarship in a particular discipline.

Fields: The following majors and options have been authorized for the Master of Arts and Master of Science Degrees:

Master of Arts

Art
Economics
English
Gerontology
History
  Option: Historical Administration
Mathematics
  Option: Mathematics Education
Music
Political Science
Clinical Psychology
Speech Communication

Master of Science

Biological Sciences
Chemistry
Communication Disorders and Sciences
Family and Consumer Sciences
  Option: Dietetics
Physical Education
Technology

Master of Science in Education Degree

Aim: It is the purpose of these programs to offer experiences designed to advance the professional and personal competence and scholarship of teachers and other educational workers in the public schools.

Fields:

Biological Sciences
Business Education
Educational Administration
Elementary Education
Guidance and Counseling
Physical Sciences
Special Education

Master of Business Administration

Aim: The purpose of this program is to develop the fundamental body of knowledge and analytical tools common to all management positions through advanced study in management, marketing, accounting, information systems, behavioral sciences, economics, and quantitative approaches to decision- making. In addition, both faculty and students are presented with the opportunity to conduct and utilize research in the solution of business problems. The purpose of this program is to prepare students for business careers, teaching, or advanced study.

Specialist in Education Degree

Aim: It is the purpose of these programs to provide more advanced and intensive graduate study for public school personnel.

Fields:

Educational Administration
Guidance and Counseling

Specialist in School Psychology Degree

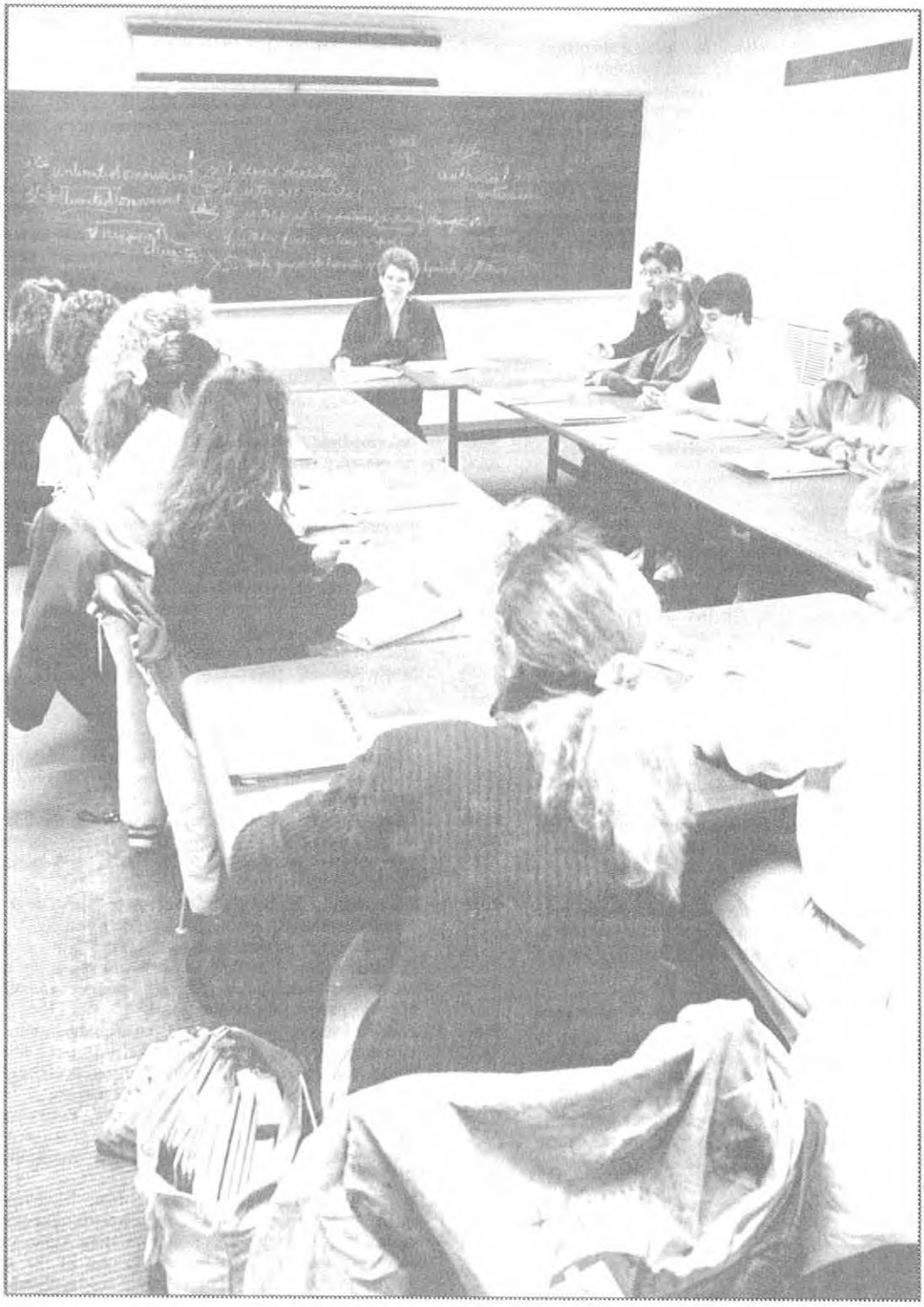
Aim: It is the purpose of this program to prepare individuals to function in a school setting in a role that requires interest in the educational and personal development of children and adolescents. This program is designed for those who seek state certification in School Psychology.

Field: School Psychology.

For further information, see the *Graduate Catalog*.

XI

Course Descriptions



COURSE INFORMATION

Generally, courses numbered 1000-1999 are freshman courses; 2000-2999, sophomore courses; 3000-3999, junior courses; 4000-4999, senior courses; and 5000-6999, graduate courses. However, if prerequisites are met, students may enroll according to the following schedule:

CLASS	COURSES NUMBERED				
Freshman	1000	2000	a	a	
Sophomore	1000	2000	3000	a	
Junior	1000	2000	3000	4000	
Senior	1000	2000	3000	4000	5000-5499b
Graduate		4750-4999		5000-6999	

a. Courses numbered 3000-4999 in chemistry, foreign languages, mathematics, and military science may be taken by students who have prerequisites and permission of the department chairperson.

b. Courses numbered 5000-5499 may be taken by students who have a 2.75 GPA and permission of instructor and Dean of the Graduate School.

Course numbers which are followed by the letter C are core courses. The segment of the integrated core to which a core course belongs is indicated by the abbreviation which follows its prefix. Integrated Core Legend:

FA = Fine Arts
PL = Philosophy and Literature
FL = Foreign Language
FC = Foundations of Civilizations
HB = Human Behavior (Cluster I)
SI = Social Interaction (Cluster II)
WB = Well-Being (Cluster III)
LG = Language
QR = Quantitative Reasoning and Problem Solving
BS = Biological Sciences
PS = Physical Sciences
US = United States Constitution

For more information about the Integrated Core, see Section VI, "General Education."

Numbers in parentheses following the course title indicate the number of class hours per week, laboratory or studio hours per week, and credit hours. For example (3-0-3) indicates three hours of classroom work each week, no laboratory hours, and three semester hours credit. Students enrolled in courses whose meeting times are noted as "arranged" (Arr.) should contact the instructor by the beginning of the semester.

Prerequisites for courses are printed immediately following the course description. Prerequisites are predicated upon the assumption that students require certain knowledge and/or skills gained in one or more previous courses. Of particular concern in this regard are courses numbered 3000 or above, especially those required in majors and minors. Such courses often connect to a series of prerequisites, and, in many cases, only the highest ranking prerequisite in the series is listed with the course description. **Students must be aware that the listed prerequisite may itself have one or more prerequisites**. It is the student's responsibility to consult the catalog course descriptions to be sure that all prerequisites in a series have been met.

A student may not enroll in a course serving as a prerequisite for another course he or she has already completed. **(This rule does not apply to students who do not earn grades of C or better in English 1001C, English 1002C, and/or Speech Communication 1310C or in accepted substitutions.)** A student may not enroll in a lower level course which substantially duplicates a higher level course already completed. Should a student violate this prescription, he/she may not receive credit for the course toward graduation.

Unless indicated as below, courses are offered every term. Offering times indicated are:

Su -- Summer Term
F -- Fall Semester
S -- Spring Semester

ACCOUNTANCY

Undergraduate Courses

2100. ACC **Principles of Accounting I. (3-0-3)** A study of the financial accounting process and the accounting principles and procedures contained in financial statements. Topics include accounting processes for service and merchandising enterprises, current assets and liabilities and long-lived assets. Prerequisite: Completion of 30 semester hours or more.

2150. ACC **Principles of Accounting II. (3-0-3)** This course is a continuation of Principles of Accounting I along with an introduction to managerial accounting. Topics include partnerships, corporations, long-term liabilities, statement of cash flows, C-V-P analysis, budgeting, manufacturing accounting, and standard cost. Prerequisites: Accountancy 2100 and completion of 30 semester hours or more.

2200. ACC **Individual Income Tax. (3-0-3) F, S.** An introduction to the basic concepts and procedures of Federal and State Income Tax as they pertain to the individual taxpayer and the small business enterprise. No credit for graduation if student has credit for Accountancy 4610 or its equivalent. Not open to students enrolled in a curriculum requiring Accountancy 4610.

3030. ACC **Cost Accounting. (3-0-3)** Cost accounting concepts, techniques and systems that provide information for planning, control and reporting purposes. Prerequisites: Accountancy 2100 and 2150 with grades of C or better in both courses.

3041. ACC **Intermediate Accounting I. (3-0-3)** The fundamental nature of accounting communication embraced by a study of financial statements and reports, the form of presentation, accounting terminology, current and non-current assets. Prerequisites: Accountancy 2100 and 2150 with grades of C or better in both courses.

3051. ACC **Intermediate Accounting II. (3-0-3)** A continuation of Accountancy 3041. Measurement of liabilities and stockholder's equity, the concept of the Statement of Changes in Financial Position, analysis of financial statements, problems with accounting changes, errors, estimates and income determination. Prerequisite: Accountancy 3041 with grade of C or better.

3701. ACC **Governmental and Not-for-Profit Accounting. (3-0-3)** Special nature of accounting and not-for-profit entities. Budgets, fund accounting characteristics, cost accounting systems and analysis. Prerequisites: Accountancy 2100 and 2150 with a grade of C or higher in each course and junior standing.

3970. ACC **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4050. ACC **Advanced Accounting and Consolidations. (3-03)** Financial accounting measurement, partnerships, international operations, consignments, installment sales, fiduciaries, and accounting for various types of business combinations. Prerequisite: Accountancy 3051 with grade C or better.

4110. ACC **Special Topics in Accountancy. (3-0-3) On demand.** Topics to be announced. May be repeated for different topics. Prerequisites: Accounting 3030, 3041, and permission of department chair.

4275. ACC **Internship in Accounting. (Arr.-Arr.-3 or 6 or 9 or 12) (Credit/No Credit)** On-the-job experience in public, industrial or governmental accounting in an approved firm. Prerequisites: Permission of the department chairperson and acceptance of the student by a business firm. Up to 12 hours of internship credit may be counted for graduation.

4610. ACC **Federal Income Tax. (3-0-3)** Tax accounting under the latest amendments to the Internal Revenue Code. Basic discussion of theory and concepts. Prerequisites: Accountancy 2100 and 2150 with grade of C or better in both courses.

4670. ACC **C.P.A. Problems. (3-0-3) S.** Accounting theory and practice on a professional level. Analysis and study of selected questions from C.P.A. examinations. Prerequisites: Accountancy 3030, 3051, 4050, and 4610.

4740. ACC **Independent Study. (Arr.-Arr.-1-3)** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the department chairperson prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4800. ACC **Profit Planning and Control. (3-0-3) F.** Fundamental concepts underlying a profit planning and control program and their relationship to the primary functions of management. Students will be involved in budgeting. Prerequisites: Accountancy 2150 and junior standing.

4850. ACC **Auditing. (4-0-4)** Theory and practice of the examination of financial statements for the purpose of establishing and expressing an opinion as to their reliability. Includes audit of EDP systems, statistical sampling techniques and the auditor's legal liability. Prerequisites: Accountancy 3030 and 3051, with grades of C or better.

4900. ACC **Advanced Federal Tax. (3-0-3) S.** A continuation of Accountancy 4610, with emphasis on underlying principles and concepts in the income tax laws, and the tax consequences of alternatives. Emphasis on partnership, corporation, and fiduciary tax problems. Gift, estate, and inheritance taxes. Corporate tax research is included. Prerequisite: Accountancy 4610 with a grade of C or better.

ADMINISTRATIVE INFORMATION SYSTEMS

Undergraduate Courses

1900. AIS **Fundamentals of Computer Usage. (3-0-3) F, S.** Fundamentals of personal computer operations. Examination of theory of computer operations, including input, processing, output and storage. Use of microcomputer applications software, such as word processing, spreadsheet, operating systems, and electronic communications. Credit will not be granted for students earning a B.S. in Business degree or an Interdisciplinary Minor in Business Administration.

2020. AIS **Introduction to Administrative Information Systems. (3-0-3) F, S.** Basic administrative management concepts; overview of the management of administrative office systems; career opportunities.

2100. AIS/ COM **Computer Concepts and Applications for Business. (3-0-3) F, S.** A study of computer concepts, including the information processing cycle, file organization, data communications, and operating systems and systems software. Applications software, including spreadsheets, computer communications, and operating systems with graphical user interfaces. Emphasis on logical constructs in a computer environment. Prerequisites: Mathematics 1271 or equivalent, completion of 30 hours or more. Keyboarding skills and computer literacy are strongly recommended.

3100. AIS **Records/Information Management. (3-0-3) F, S.** The application of analysis and scientific control of business records from their creation through processing, maintenance, protection, and final disposition. Prerequisite: Administrative Information Systems 2100.

3140. AIS **End-User Computer Training. (3-0-3) S.** The development, delivery, and evaluation of computer-related training programs. The course will examine needs specific to end-users, both individuals and groups, in a technology-oriented work environment. Delivery methods will include computer-based presentations and multimedia tutorial development. Prerequisites: Administrative Information Systems 2020, 2100, 3610; Management 3010, and junior standing.

3200. AIS **End-User Application Development. (3-0-3) F, S.** The advanced study of computer business systems emphasizing the use of technology for problem solving and business productivity with emphasis on the development of applications for end-user computing. Prerequisites: Administrative Information Systems 2020, 2100, and junior standing.

3610. AIS **Business Communications. (3-0-3) F, S.** Formulation and communication of business information to meet the needs of a business situation including oral, written and electronic. Appreciation of the critical role communication plays in the contemporary organization. Credit not granted for both Management 3830 and Administrative Information Systems 3610. Prerequisites: English 1002C, knowledge of a word processing package, and junior standing.

3970. AIS **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. AIS **Administrative Systems Design. (3-0-3) F, S.** Design of new or improved administrative information systems. Emphasis on the development of microcomputer information systems including analysis, design, development, implementation, and documentation. Prerequisites: Administrative Information Systems 3100 and 3200, and senior standing.

4275. AIS **Internship. (Arr.-Arr.-3 or 6 or 9 or 12) Credit/No Credit.** Employment experience in a phase of administrative information systems in a firm for one semester approved by the department chairperson. Prerequisites: Permission of the department chairperson and acceptance of the student by a business firm on the basis of the student's application. Up to 12 hours of internship credit may be counted for graduation.

4500. AIS **Special Topics in Administrative Information Systems. (Arr.-Arr.-1-3) On demand.** Current research, practices, and technology utilization in administrative information systems (office automation, end-user computing, computer-training, and related issues). Prerequisite: Permission of the department chair.

4600. AIS **Electronic Communications Systems. (3-0-3) F.** Examination of the design, planning, implementation, and theory of operation of electronic communications systems, including data, image, voice and video communications. Emphasis on electronic information networks and their application in business settings. Prerequisites: Computer and Operations Management 2310 or permission of instructor, Administrative Information Systems 3200 and senior standing.

4700. AIS **End-User Computing Management. (3-0-3) F, S.** Study of the technological and managerial issues related to implementation and use of end-user computing and office information systems in business. Prerequisites: Administrative Information Systems 3100, 3200, 3610; Management 3010, and senior standing.

4740. AIS **Independent Study.** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the department chairperson prior to registration.

AFRICAN-AMERICAN STUDIES

Undergraduate Courses

2000. AFR **Introduction to the African-American Experience. (3-0-3) F, S.** Introduction to the study of African-Americans in the U.S. society. A broad overview of the aspects of the black individual's existence in America with relationship to the arts and to the major social ideas and institutions. The effects of this relationship are investigated through relevant readings.

3970. AFR **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. AFR **Internship in African-American Studies. (Arr.-Arr.-1 to 15) (Credit/No Credit)** A semester's experience as an intern in an agency or organization relevant to the student's curriculum. The total hours must not exceed 15 including courses taken in any other internship offered by the university. Prerequisites: Permission of the program's chairperson and the written acceptance of the student by the agency or organization involved.

4400. AFR **Independent Study. (Arr.-Arr.-1-3)** Individual study of a topic of the student's choice under the direction of a faculty member. This course may be repeated for a total of not more than three semester hours. Prerequisites: Consent of supervising faculty member and permission of the African-American Studies chairperson.

2300. ART **African-American Art. (3-0-3) F.** Contribution of the African-American people to the art of the western world.

2705. ENG **African-American Literature. (3-0-3) F.** The major writers of African-American literature, with emphasis on such writers as Douglass, Hurston, Hughes, Wright, Ellison, Baldwin, Baraka, Morrison, Walker, Wilson. Prerequisite: English 1002C.

4750. ENG **Studies in African-American Literature. (3-0-3) S.** Study in depth of various genres, movements, periods, and major writers in African-American literature. Only one genre, movement, or period or only two or three major writers will be studied during any semester. Topics to be announced. May be taken twice with permission of the department chairperson and

Dean, College of Arts and Humanities. Prerequisite: English 1002C.

4840. FCS **The Disadvantaged Family. (3-0-3) S.** Low income and minority group families and their values, needs, problems, and practices. Prerequisite: Family and Consumer Sciences 2800 or permission of the instructor.

2100. HIS **African-American History. (3-0-3) F.** A history of African-Americans from their African background to the present.

3760. HIS **The American South. (3-0-3) S.** A history of the American South with emphasis on social and cultural developments and the deviation between North and South.

3951. JOU **Minorities and the Media. (3-0-3) S.** A course devoted to the purpose, problems, and present status of the minority press in the United States, and to the treatment of minorities in the majority media. Students are encouraged to develop research interests and to present their discoveries through oral and written presentation. Prerequisite: English 1002C.

2555C. MUS **Experiencing Music with the Music of African-Americans (#2). (3-0-3)** Music appreciation for the general student--listening and responding to music in its cultural context. Open to Music majors for elective credit only.

4700. PSY **Prejudice and Discrimination. (3-0-3) F.** Study of the development, maintenance and prospects for reduction of prejudice and discrimination against minority groups. Minority is broadly defined to include groups based on race, ethnicity, gender, sexual orientation, age, etc. Prerequisite: Psychology 1879C or 2000, or Sociology 2710.

2710. SOC **Principles of Sociology (3-0-3)** Study of basic sociological concepts; social processes; structural and functional analysis of social groups.

2840. SOC **Racial and Cultural Minorities. (3-0-3) S.** The causes and consequences of prejudice and discrimination; the effects of majority and minority status for intergroup relations. Prerequisite: Sociology 2710.

3810. SOC **Urban Sociology. (3-0-3) F.** Analysis of the social structure the social structure and function, social processes, and planning and development of the city. Prerequisite: Sociology 2710.

3755. THA **Survey of African-American Theatre. (3-0-3) S. On demand.** A lecture/discussion course that surveys African-American theatre forms; performance genres, practices, and dramatic literature. Material covered in the course will include African influences, related arts, and biographical information. Prerequisite: English 1002C.

ANTHROPOLOGY

Undergraduate Courses

2200C. ANT HB **The Anthropological Perspective. (3-0-3)** A comparative study of contemporary cultures of the world. Includes study of marriage and family, kinship systems, religion and magic, political and economic systems, artistic traditions and technology in Western civilizations and in societies throughout the world.

2290C. ANT HB **The Anthropological Perspective, Honors. (3-0-3) On demand.** A comparative study of the development of world civilizations from the earliest peoples to modern global interdependence, with an emphasis on global themes and global interactions. Prerequisite: Admission to the University Honors Program.

2742. ANT **Introduction to Physical Anthropology and Archeology. (3-0-3) S.** Study of the physical and cultural evolution of man, including the study of fossil man and variations in physical features of modern human populations; development of tools and technology; origins of agriculture and development of early civilizations.

3602. ANT **Peoples and Cultures of South America. (3-0-3) F-odd numbered years.** Study of selected South American cultures; their religions, mythologies, political and economic systems. Includes the pre-Columbian background of South American cultures and their status in the modern world. Prerequisite: Anthropology 2200C or permission of the instructor.

3606. ANT **Magic and Religion in Preliterate Societies. (3-0-3) S.** A world-wide survey of ideas and beliefs regarding supernatural beings and agents. Special attention will be given to totemism, ancestor worship, reverence for impersonal powers, witchcraft, sorcery, spirit possession and magic. Prerequisite: Anthropology 2200C or permission of the instructor.

3611. ANT **Peoples and Cultures of Africa. (3-0-3) F.** A study of the peoples and cultures of Africa, including a delineation of broad cultural areas. An in-depth description of selected societies and a cross-cultural comparison of certain institutions such as religions, political systems and family structures. Prerequisite: Anthropology 2200C or permission of the instructor.

3691. ANT **Native American Cultures. (3-0-3) F.** Study of the cultures of Native Americans, including the study of religious and ceremonial systems, political systems, patterns of warfare and adaptations to environments, and current status of North American Indians. Prerequisite: Anthropology 2200C or permission of the instructor.

3712. ANT **Archaeology of Preliterate Civilizations. (3-0-3) S.** Development of economic and political systems, religion, art, urbanism. Study of methods which archaeologists use to reconstruct complex cultures of the past. Prerequisite: Anthropology 2200C or 2742 or permission of the instructor.

3960. ANT **Special Topics in Anthropology. (Arr.-Arr.-1 to 4) On demand.** On-campus and/or off-campus fieldwork on special areas or topics in anthropology. May be repeated for a maximum of six semester hours. Prerequisite: Approval of instructor.

3970. ANT **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4400. ANT **Independent Study. (Arr.-Arr. 1-3)** Individual study of a topic of the student's choice under the direction of a faculty member. The student must submit and receive approval of a detailed study plan prior to central registration. This course may be repeated for a total of not more than six semester hours of credit. Prerequisites: Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better.

ART

Note: Studio courses meet for double periods. Discussions and critiques may be incorporated into the studio hours.

The Department of Art reserves the right to retain for exhibition purposes any student work produced in art classes for a period of one academic year after the year in which the work was produced.

All materials and art supplies which go into finished works of art are to be furnished by students. Courses in Art Education, Ceramics, Crafts, Design, Jewelry and Metalsmithing, Life Drawing, Painting, Printmaking, Sculpture, Graphic Design, Introduction to Art, and Weaving may charge a studio laboratory fee for use of materials and services.

Core Curriculum: The core curriculum is a prescribed program of study required of all art majors and is basic to all options. Courses in the core curriculum consist of Art 1000, 1110, 1111, 2050, 2500, 2601 and 2602.

Undergraduate Courses

1000. ART **Drawing I. (0-6-3) F, S.** Foundation course for all areas of art. Instruction in basic drawing concepts, techniques, and media use. Prerequisite: Art majors, minors, or Special Education majors with art area or Middle Level Education curriculum with field II in art.

1110. ART **Design. (0-6-3) F, S.** Foundation course for all areas of art. Developing awareness of concepts of two-dimensional form through creative studio work. Prerequisite: Open to freshmen, sophomores, and transfer students.

1111. ART **Three-Dimensional Design. (0-6-3) F, S.** Foundation course for all areas of art. Developing awareness of space and concepts of form with analysis and application of tools and materials appropriate to three-dimensional projects. Prerequisite: Open to freshmen, sophomores, and transfer students.

2000. ART **Life Drawing. (0-6-3) F, S.** Study of human form as a subject of graphic expression. Use of various media in figure drawing investigated. Prerequisite: Art 1000 and 2500 or permission of instructor. Art 2500 may be taken concurrently with this course.

2010C. ART FA **Arts Omnibus. (2-2-3) F, S.** An experiential overview of the arts, their interrelatedness, their importance to an enhanced quality of life and importance as an index of cultural diversity. The course will include lectures, using a variety of media, discussion, and required attendance at all classes and up to nine

specific arts events, including a minimum of two each, art, music, and theatre. Credit will not be awarded for Music 2010C or Theatre 2010C in addition to Art 2010C.

2012C. ART FA **Nonwestern Fine Arts. (3-0-3) F, S.** Fine Arts from outside the European and North American traditions will be examined. Credit will not be awarded for Music 2012C or Theatre 2012C in addition to Art 2012C.

2050. ART **Painting I. (0-6-3) F, S.** Introduction to oil painting as a medium of expression, investigation of media usage, color development, variety of picture-making ideas and instruction in basic painting craftsmanship. Prerequisites: Art 1000, Art 1110 or Art 2310C, Art 2500 or permission of instructor and Middle Level Education curriculum with field II in art. Art 2500 may be taken concurrently with this course.

2091. ART **Principles of the Fine Arts, Honors. (3-0-3) S.** The interrelationships between the arts, their structures and techniques, and why they are put together the way they are. Credit will not be awarded for Music 2091 and Theatre 2091 in addition to Art 2091. Prerequisite: Admission to the University Honors Program.

2092. ART **A History of the Arts in Culture, Honors. (3-0-3)** Analysis of works of art in the Western world from the Greeks through the present. Credit will not be awarded for Music 2092 or Theatre 2092 in addition to Art 2092. Prerequisite: Admission to the University Honors Program.

2100. ART **Sculpture I. (0-6-3) F, S.** Introduction to the basic sculptural processes with an emphasis on studio safety, creativity, and the application of design principles. Prerequisite: Art 1111 and Art 2500 or permission of instructor. Art 2500 may be taken concurrently with this course.

2250. ART **Ceramics I. (0-6-3) F, S.** Introduction to various hand-building techniques, decorative methods, the firing process and the use of the potter's wheel. Prerequisite: Art 2500 or permission of instructor. Art 2500 may be taken concurrently with this course.

2300. ART **African-American Art. (3-0-3) F.** Contribution of the African-American people to the art of the western world.

2310C. ART FA **Introduction to Art. (1-4-3) F, S.** An introductory study of the visual arts with the emphasis on developing student awareness and appreciation of aesthetics, design principles, concepts, media, and techniques that are primarily applicable to two-dimensional art forms. Not open to Art majors.

2330C. ART FA **Art Appreciation. (3-0-3) F, S.** An introduction to and appreciation of the visual arts, such as architecture, sculpture, pottery, painting, and the motion picture. The course will demonstrate how artworks are made and what they communicate. Not open to Art majors.

2390C. ART FA **Introduction to Art, Honors. (1-4-3) F, S.** An introductory study of the visual arts with the emphasis on developing student awareness and appreciation of aesthetics, design principles, concepts, media, and techniques that are primarily applicable to two-dimensional art forms. Not open to Art majors. Prerequisite: Admission to the University Honors Program.

2400. ART **Introduction to Art Education. (0-2-1) F.** Introduction to the philosophical foundations of the field of Art Education and the various contexts within which art teaching functions. Ten (10) clock hours of pre-student teaching experience included. Prerequisite: Enrollment in the Art Education option.

2410. ART **Art Education for Elementary Schools. (0-2-1) F.** Pre-student teaching experiences with children in elementary grades. Prerequisite: Acceptance into the program for art education majors, special education majors with art area, middle level education majors with field II in art, or permission of the instructor.

2440. ART **Art for Teachers in the Elementary Grades. (2-2-2) F, S.** A methods course in the philosophy of teaching art to children including the developmental stages of creative activity and appropriate media for each. Prerequisite: Art Education major or enrollment in Elementary Education, Middle Level Education, or Special Education.

2500. ART **Health and Safety in the Visual Arts. (1-0-1) F, S.** An introduction to health and safety issues for the visual artist, art educator, and individuals utilizing art supplies, technologies, and/or processes. This course is required in the first semester of study as an art major or prior to taking any 2000-level or higher art studio media course.

2560. ART **Printmaking I. (0-6-3) F, S.** Survey and exploration of methods of printmaking. Prerequisite: Art 2500 or permission of instructor. Art 2500 may be taken concurrently with this course.

2601. ART **History of Art I. (3-0-3) F, S.** Survey of the visual arts, prehistoric through Gothic period.

2602. ART **History of Art II. (3-0-3) F, S.** Survey of the visual arts, early Renaissance to the present.

2650C. ART FA **Images and Ideas. (3-0-3) F, S.** An interpretive study of art from the prehistoric period to the present. The emphasis in this topical survey is on the work of art as an expression of the ideas and beliefs of the culture and society which produced it. Not open to Art majors.

2690C. ART FA **Images and Ideas, Honors. (3-0-3) On demand.** An interpretive study of art from the prehistoric period to the present. The emphasis in this topical survey is on the work of art as an expression of the ideas and beliefs of the culture and society which produced it. Not open to art majors. Prerequisite: Admission to the University Honors Program.

2700. ART **Introduction to Jewelry. (0-6-3) F, S.** Fundamental techniques in the construction and decorative processes of jewelry creation with various metals. Prerequisite: Art 1110, 1111, 2500 or permission of instructor. Art 2500 may be taken concurrently with this course.

2800. ART **Introduction to Weaving. (0-6-3) F, S.** Development of various weaves using color and texture. Students will complete individual projects from dressing the loom to finishing techniques. Prerequisite: Art 2500 or permission of instructor. Art 2500 may be taken concurrently with this course.

2910. ART **Introduction to Graphic Design. (0-6-3) F, S.** Concept and communication development of black-and-white compositional studies and an introduction to color applications. Prerequisites: Art 1110, 1111, and 2500. Art 2500 may be taken concurrently with this course.

2920. ART **Graphic Abstractions. (0-6-3) S.** Simplification of an object into black-and-white form and subsequent color translations.

3000. ART **Drawing III. (0-6-3) F, S.** Study of advanced drawing concepts and techniques. Traditional and nontraditional media used towards the development of a personal style. Prerequisite: Art 2000.

3011. ART **Exhibition Techniques. (1-0-1) F, S.** Organization and presentation of the portfolio and professional credentials. Prerequisite: Art 2500, except for art majors in the teacher certification option. A transfer student may take this course concurrently with Art 2500. Restricted to art majors.

3051. ART **Painting II. (0-6-3) F, S.** Painting as a method of personal expression explored. Instruction in concepts and organization of two-dimensional forms as related to the individual student's investigation of painting. Prerequisite: Art 2050.

3052. ART **Painting III. (0-6-3) F, S.** Continuation of Art 3051. Prerequisite: Art 3051.

3080. ART **Watercolor. (0-6-3) F, S.** Painting course in transparent water-base media; instruction in various technical methods of watercolor. Prerequisite: Art 2050, or Middle Level Education curriculum with field II in art. May be taken twice for credit.

3111. ART **Sculpture II. (0-6-3) F, S.** Specific work in the replacement (casting) process focusing on the technical aspects of cast sculpture from conception to display, including welding, carving, modeling, fabrication, mold-making and mixed media with continued emphasis on creativity and application of design principles. Prerequisite: Art 2100.

3112. ART **Sculpture III. (0-6-3) F, S.** Specific work in the additive (modeling/fabricating) and subtractive (carving/machining) sculptural processes with an emphasis on skill and technical development utilizing the individual's ideas and concepts. Prerequisite: Art 2100.

3251. ART **Ceramics II. (0-6-3) F, S.** Projects in hand building and/or throwing; study of glaze materials and glaze calculation. Prerequisite: Art 2250.

3252. ART **Ceramics III. (0-6-3) F, S.** Continuation of Art 3251. Prerequisite: Art 3251.

3340C. ART FA **Multicultural Aesthetics. (1-4-3) F, S.** The study of cultural aesthetics through the comparison of the place of art within different societies. Lecture and studio experiences will introduce students to the culturally significant meaning of different art forms. Not open to students whose major or minor is art.

3410. ART **Art Education for Secondary Schools. (2-3-3) S.** Philosophy relating to teaching art in the junior/senior high school with studio and pre-student teaching experience. Required for and

open only to Art Education majors, Middle Level Education majors with field II in art and Special Education majors with art area. Prerequisites: Art 2410 and 2440; Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3420. ART **New Media in the Art Curriculum. (0-6-3) S.** Survey and exploration of the possibilities of newer media for the teaching of art in the public schools. Studio experiences with an emphasis on creative applications in the classroom. Prerequisite: Art 2410, 2440, 3410, or permission of the instructor.

3570. ART **Printmaking II. (0-6-3) F, S.** Intensive exploration of methods of printmaking with emphasis on new approaches to personal expression. Prerequisite: Art 2560.

3610C. ART FA **African Art. (3-0-3) S.** Comprehensive study of the styles and and functions of African Tribal Arts. Open to Art majors for elective credit only.

3620C. ART FC **The Historical Context of Art Production. (3-0-3) S.** An interdisciplinary, multi-cultural examination of the various historical factors which contribute to our understanding of the function and meaning of works of art. The relevance of historical study for comprehending modern production and world affairs will be introduced by juxtaposing preindustrial and modern societies.

3630. ART **Greek and Roman Art. (3-0-3) F-even-numbered years.** Art of the Greek and Roman cultures, ca. 1500 B.C. to 300 A.D. Prerequisite: Art 2601 or 2650C or 3620C.

3641. ART **Early Medieval Art. (3-0-3) F-odd-numbered years.** Survey of the visual arts in society from late antiquity through the tenth century in Western Europe. Prerequisite: Art 2601 or 2650C or 3620C.

3642. ART **Romanesque and Gothic Art. (3-0-3) S-even-numbered years.** Survey of the visual arts in the societies of Western Europe, Byzantium and Islam from the eleventh to fifteenth centuries. Prerequisite: Art 2601 or 2650C or 3620C.

3651. ART **Italian Renaissance Art: Fifteenth Century. (3-0-3) F.** Development of style and iconography in fifteenth-century Italian art. Prerequisite: Art 2602 or 2650C.

3652. ART **Italian Renaissance Art: Sixteenth Century. (3-0-3) S-even-numbered years.** Development of style and iconography in sixteenth-century Italian art: High Renaissance and Mannerism. Prerequisite: Art 2602 or 2650C.

3660. ART **Baroque Art. (3-0-3) S-odd numbered years.** Study of the Baroque style in Italy and Northern Europe. Prerequisite: Art 2602 or 2650C.

3670. ART **Nineteenth-Century European Painting. (3-0-3) S. On demand.** Leading artists, movements, and trends during the 19th century in the art of Western Europe and the United States, with emphasis on France. Prerequisite: Art 2602 or 2650C.

3680. ART **Modern European Painting and Sculpture. (3-0-3) S.** Major artists, developments, and significant achievements in painting and sculpture, 1880-1947. Prerequisite: Art 2602 or 2650C.

3685. ART **Women in Art. (3-0-3) S-odd numbered years.** A study and evaluation of the place of women in the history of art. The course will cover both the images of women conveyed in the art of various periods and the contributions of individual women artists from the Middle Ages to the present. The social conditions contributing to attitudes about women and to the success or failure of women in the professional role of artist will be emphasized. Prerequisites: Art 2601 or 2602 or 2330C or 2650C or 3620C or permission of the instructor.

3690C. ART FC **The Historical Context of Art Production, Honors. (3-0-3) On demand.** An interdisciplinary, multi-cultural examination of the various historical factors which contribute to our understanding of the function and meaning of works of art. The relevance of historical study for comprehending modern production and world affairs will be introduced by juxtaposing pre-industrial and modern societies. Prerequisite: Admission to the University Honors Program.

3701. ART **Jewelry and Metalsmithing I. (0-6-3) F, S.** Advanced problems in jewelry construction, developing the previously learned fundamentals in metal construction and introducing basic silversmithing processes. Prerequisite: Art 2700 or permission of the instructor.

3702. ART **Jewelry and Metalsmithing II. (0-6-3) F, S.** A continuation of Art 3701 with introduction to aluminum anodizing. Prerequisite: Art 3701 or permission of the instructor.

3801. ART **Weaving II. (0-6-3) F, S.** Study of the theory of weaving. Experimentation and practice in design characteristics of weaves and materials. Prerequisite: Art 2800.

3802. ART **Weaving III. (0-6-3) F, S.** Advanced study of theory of weaving with individual concentration in designing on the loom. Further mastery of the media is stressed. Prerequisite: Art 3801.

3820. ART **Textile Design. (0-6-3) F.** Pattern design principles as they apply to historical and contemporary textiles. Studio experiences may include work in batik, block painting, crochet, macrame, stenciling, and stitchery.

3910. ART **Typography I. (0-6-3) F.** An introduction to letterform design, including the analysis of existing classical typefaces and the development of new variations. Emphasis will be on observations of the salient issues regarding legibility and readability, form and counterform, and what qualities and attributes constitute a font and family of type. The observations from this research will then be applied to abstract symbol design. Prerequisites: Art 2920 and admission into the Graphic Design option.

3911. ART **Visualization Studies I. (0-6-3) F.** An introduction to drawing of illustrations as visual symbols with an emphasis on communication development and the semantics of symbol juxtapositions. Prerequisites: Art 2920 and admission into the Graphic Design option.

3920. ART **Typography II. (0-6-3) S.** An introduction to text and display type exercises. Emphasis will be on the development of typographic hierarchal structure within a given design problem. Prerequisites: Art 3910 and 3911.

3921. ART **Visualization Studies II. (0-6-3) S.** An introduction to the application of illustration and symbols to the interpretation and communication of complex data. Prerequisites: Art 3910 and 3911.

3940. ART **History of Graphic Design. (3-0-3) S.** Development of Graphic Design as a pictorial poster from 1750 through 1980. Prerequisite: Art 2602.

3970. ART **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. ART **Advanced Life Drawing. (0-6-3) F, S.** Continued study of the human form as a subject of graphic expression. Development of a personal style and mastery of various media and techniques. Prerequisites: Art 3000 or 2000 and the permission of the instructor. May be taken twice for credit.

4051. ART **Painting IV. (0-6-3) F, S.** Advanced study of painting as development in personal expression through individual student's painting problems and investigations; professional craftsmanship stressed. Open to choice of medium. Prerequisite: Art 3052 or two semesters of Art 3080.

4052. ART **Painting V. (0-6-3) F, S.** Continuation of Art 4051. Prerequisite: Art 4051.

4111. ART **Sculpture IV. (0-6-3) F, S.** Advanced study in sculpture directed toward the mastery of a personal style with a concentration on one or a series of concepts. One sculptural process, technique, or material to be explored in depth. Prerequisite: Art 3111 and/or Art 3112.

4112. ART **Sculpture V. (0-6-3) F, S.** Continuation of Art 4111 with increasing mastery of a personal style and sculptural processes. Prerequisite: Art 4111.

4251. ART **Ceramics IV. (0-6-3) F, S.** Development of techniques and processes to a level of professional attainment; emphasis upon growth in area of student's interest. Prerequisite: Art 3252.

4252. ART **Ceramics V. (0-6-3) F, S.** Continuation of Art 4251 with increasing depth of mastery. Prerequisite: Art 4251.

4275. ART **Internship. (Arr.-Arr.-1-15) (Credit/No Credit)** An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of six semester hours may be counted as art elective credit in the Art major. Prerequisites: Junior standing, appropriate coursework, permission of the Art Department chair and internship supervisor, and acceptance of the student by a business or agency.

4400. ART **Independent study. (Arr.-Arr.-1 to 3)** Work in special problems selected to fulfill needs of the student. Prerequisites: Individual plan and permission of the instructor and the department chairperson, plus nine semester hours in the area of proposed study. May be taken for a maximum of six semester hours.

4580. ART **Printmaking III. (0-6-3) F, S.** Individual selection of printmaking processes and problems. Prerequisite: Art 3570. May be taken three times for credit.

4701. ART **Advanced Metalsmithing I. (0-6-3) F, S.** Problems in casting, chasing, and repousse. Introduction to "Dutch, English, and non-resistant" raising; forming of seamed hollowware; hot forging. Prerequisite: Art 3702 or permission of the instructor.

4702. ART **Advanced Metalsmithing II. (0-6-3) F, S.** Continuation of Art 4701 with further mastery of techniques. Prerequisite: Art 4701 or permission of the instructor.

4740. ART **Issues in Art Education. (3-0-3) F.** Study of the major theories and issues which have played important roles in shaping the character of contemporary art education. Prerequisites: Art 2410, 2440, 3410, or permission of the instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4755. ART **Special Topics in Art. (Arr.-Arr.-1 to 3) On demand.** Study of special topics in Art and Art History that are not ordinarily covered in existing courses. Topics to be announced. May be repeated for credit on a different topic with permission of the department chair. Prerequisites: Junior standing and a minimum of five courses in Art with one being an Art History course or permission of the instructor.

4765. ART **Twentieth-Century American Painting and Sculpture. (3-0-3) F.** A study of major American artists, movements, and tendencies that have developed since 1908. Prerequisite: Six semester hours of Art Survey (Ancient to Medieval, Gothic to Contemporary) or permission of instructor.

4775. ART **Seminar in Twentieth-Century Art History and Criticism. (3-0-3) S.** A critical understanding and evaluation of art, art-historical literature, and contemporary criticism, with emphasis on critics, artists and art of the post-World War II period. Prerequisite: Six semester hours of Art Survey (Ancient to Medieval, Gothic to Contemporary) or permission of the instructor.

4800. ART **Advanced Weaving. (0-6-3) F, S.** Advanced problems in weaving with particular emphasis on design using the dobby and multi-harness looms and double weave techniques to perfect skills. Prerequisite: Art 3802.

4801. ART **Advanced Weaving II. (0-6-3) F, S.** Advanced problems in weaving with particular emphasis on complex weaves. Prerequisite: Art 4800.

4802. ART **Advanced Weaving III. (0-6-3) F, S.** Continuation of Art 4801 with further mastery of the subject matter and techniques. Prerequisite: Art 4801.

4910. ART **Typography III. (0-6-3) F.** Advanced visualization studies investigating the application of visual communication concepts to problems involving sequential relationships. May be taken twice for credit for a maximum of six semester hours; only three semester hours may be accepted as graduate-level credit. Prerequisites: Art 3920 and 3921.

4911. ART **Visualization Studies III. (0-6-3) F.** An introduction to the application of visual communication concepts to three-dimensional design issues. Prerequisites: Art 3920 and 3921.

4920. ART **Typography IV. (0-6-3) S.** Advanced display and text studies investigating the application of visual communication concepts to problems involving design systems and corporate identity. May be taken twice for credit for a maximum of six semester hours; only three semester hours may be accepted as graduate-level credit. Prerequisites: Art 4910 and 4911.

4921. ART **Visualization Studies IV. (0-6-3) S.** Advanced three-dimensional visualization studies investigating the application of visual communication concepts to environmental design problems. Prerequisites: Art 4910 and 4911.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

ARTS AND HUMANITIES

Undergraduate Courses

3001. A/H **Organizing an Arts Festival. (1-Arr.-1) S.** A study of the philosophies and goals of presenting an arts festival; examination of an organizational outline for presenting festivals, presentation of specific festival goals, such as: program content, publicity, grounds, festival setting, and budgeting; and practicum experience in EIU's annual "Celebration-- A Festival of the Arts." Prerequisite: Sophomore standing or above.

3103. A/H **Humanities. (3-0-3) Su.** Topics to be announced.

BIOLOGICAL SCIENCES

(Also See Botany, Environmental Biology, and Zoology listings.)

1001C. BIO BS **Biological Principles and Issues. (2-2-3)** The course emphasizes the principles of biology as well as introduces the student to the thought processes and methods used by biologists. For students not planning a career in biology. Credit for Biological Sciences 1001C will not be granted if the student already has credit for Biological Sciences 1010.

1010. BIO **General Biology. (3-3-4)** Introductory biology for students majoring in the biological sciences.

1091C. BIO BS **Biological Principles and Issues, Honors. (2-2-3) On demand.** The study of the fundamental processes and structures common to all living things. Current issues in the biological sciences will be addressed. Prerequisite: Admission to the University Honors Program. Credit for Biological Sciences 1091C will not be granted if the student already has credit for Biological Sciences 1001C or 1010.

3200. BIO **Genetics. (3-2-4) F, S.** The fundamental principles of genetics (classical, molecular, and population) stressing applications to all organisms. Prerequisite: Biological Sciences 1010 (1001C acceptable).

3400. BIO **Methods of Teaching Biological Sciences in High School. (2-2-3) F.** A study of teaching techniques including the collection and use of materials for demonstrations and laboratory experiments. Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

Course Open to Juniors, Seniors, and Graduate Students

4750. BIO **Biometrics. (2-2-3) F, S.** Methods of quantitative analysis of biological data at the population level. Prerequisites: Eighteen semester hours in environmental biology, botany and/or zoology. May be substituted for a three-semester-hour elective in botany or zoology in completing the requirements for a botany or zoology major.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

BOTANY

Undergraduate Courses

1000C. BOT BS **Practical Botany. (1-2-2)** Practices for successfully maintaining plants will be considered through plant identification and the application of basic botanical and cultural principles. Not to count in the Botany major or minor.

1010C. BOT BS **General Botany. (2-2-3)** General botany with particular emphasis on plant structure, function, and economic importance. Prerequisite: Biological Sciences 1010.

1022. BOT **Survey of Local Flora. (0-4-2)** The identification of common wild and cultivated seed plants. Fall Semester will concentrate on woody plants; Spring and Summer Semesters will emphasize herbaceous plants.

1050C. BOT BS **The Plant World. (2-2-3).** The course emphasizes botanical principles and introduces the student to the thought processes and methods used by plant scientists. For students not planning a career in the biological sciences. Not to count in the Botany major or minor.

1090C. BOT BS **The Plant World, Honors. (2-2-3) On demand.** The course emphasizes botanical principles and introduces the student to the thought processes and methods used by plant scientists. For students not planning a career in the biological sciences. Prerequisites: Biological Sciences 1001C, 1091C or 1010, and admission to the University Honors Program.

2000C. BOT BS **The Mystery of Microbes. (2-2-3)** The characteristics and activities of micro-organisms with special emphasis on their significance to society. Not open to those with credit or registration in Botany 3300. Not to count in the Botany major or minor.

2033. BOT **Woody Plants. (1-3-2) S.** The identification of the common native and introduced woody plant species, their economic importance, biodiversity and habitat. The biotic divisions of Illinois and the major forest regions of North America are also discussed. NOTE: Credit not granted for both Botany 2033 and Botany 1022. Prerequisite: Botany 1010C.

2318. BOT **Outdoor Home Horticulture. (1-2-2) F-even-numbered years.** The principles and practices of outdoor gardening and landscaping with emphasis on the practical aspects of each. Prerequisite: Botany 1050C or Botany 1010C.

2319. BOT **Indoor Home Horticulture. (1-2-2) S-even-numbered years.** The principles and practices of indoor gardening with emphasis on the practical aspects.

2320. BOT **Economic Botany. (2-0-2) F, S.** The origin, development, diversity, and horticultural uses of cultivated plants.

3100. BOT **Morphology and Systematics of Non-Vascular Plants. (2-3-3) F, S.** The morphology, systematics, ecological importance, and evolutionary history of the cyanobacteria, algae, fungi, and bryophytes. Prerequisite: Botany 1010C.

3200. BOT **Morphology and Systematics of Vascular Plants. (1-4-3) F, S.** The classification, life-history, and identification of ferns, fern-allies, gymnosperms and flowering plants. Prerequisite: Botany 1010C.

3300. BOT **Bacteriology. (2-4-4)** The basic principles and laboratory procedures for the study of bacteria. Prerequisites: Seven semester hours of biological sciences and eight semester hours of chemistry.

3450. BOT **Independent Study. (Arr.-Arr.-1 to 3)** The student must submit to the department chairperson, prior to registration, an outline of the proposed study, and be assigned credit and an instructor under whom the research will be done. Upon completion of the study, the student will submit a written report suitable for publication to the department chairperson for credit evaluation and present an oral report before a departmental seminar. Prerequisites: Two years of biological sciences and permission of the department chairperson. May be taken more than once up to a total of three semester hours.

3541. BOT **Plant Physiology. (2-4-4)** The study of water relations, mineral nutrition, phytohormones, photosynthesis, respiration and physiological ecology. Prerequisites: Botany 1010C and one year of chemistry.

3960. BOT **Special Topics. (Arr.-Arr.-1 to 4) On demand.** Reading, discussions, reports, on-campus and off-campus fieldwork on special areas or topics in botany. May be repeated for a maximum of eight semester hours credit with permission of the department chairperson. Prerequisite: Minimum of four courses in botany or permission of the instructor.

3970. BOT **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. BOT **Internship in Botany. (Arr.-Arr.-3 to 12) (Credit/No Credit)** A botany-related employment experience in an agency, firm, or facility approved by a faculty advisor and the Botany department chairperson. Submission of a pre-employment objectives statement, bi-weekly progress reports and a substantive final internship report are required. Prerequisites: A minimum of 60 semester hours, including nine credit hours in botany (or, by petition, six credit hours in botany with additional credit in other biological sciences to total at least nine credit hours); a minimum cumulative GPA and Biological Sciences GPA of 2.5; approval of faculty advisor and department chairperson. Note: Not more than six semester hours may be counted toward the major or minor. Credit for this course does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or other internship offered by the university.

4444. BOT **Honors Independent Study. (Arr.-Arr.-3)** Consideration of special topics in Botany. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice for credit.

4490. BOT **Seminar. (0-2-1) F, S.** Oral reports and discussion of selected topics in botany. Prerequisites: Two years of biological sciences and permission of the department chairperson. May be taken more than once, but for no more than four semester hours.

4601. BOT **Senior Research I. (2-0-1) (Credit/No Credit)** Students will receive instruction in research methods and initiate a project in a botanical discipline of their choice. Students must register for this class during their second-to-last semester at Eastern. Prerequisites: Senior status and permission of the department chairperson.

4602. BOT **Senior Research II. (2-0-1) (Credit/No Credit)** Students will complete a project in a botanical discipline of their choice and present their findings. Students must register for this class during their final semester at Eastern. Prerequisite: Botany 4601.

4644. BOT **Honors Thesis. (Arr.-Arr.-2-4)** Intensive research in preparation of a thesis on a topic in Botany approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. BOT **Honors Seminar. (2-0-1)** Areas of investigation which require integration of Botany and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice for credit.

Courses Open to Juniors, Seniors and Graduate Students

4751. BOT **Lichens. (2-3-3) F.** Systematic survey of the lichens, including their physiology, growth and development, reproduction, ecology, economic importance, and classification. Fall field trip is required. Prerequisites: Botany 1010C and 3100.

4801. BOT **Systematic Botany. (1-4-3) F.** The classification and characteristics of the common families of flowering plants. Prerequisite: Botany 1010C.

4811. BOT **Plant Ecology. (1-4-3) F.** The application of investigative techniques to the study of the structure and successional patterns of plant communities. Prerequisite: Two years of biological sciences.

4821. BOT **Bryology. (1-4-3) F.** The structure, identification, life-history, and importance of the mosses and liverworts. Fall field trip is required. Prerequisite: Botany 1010C or equivalent.

4882. BOT **Phycology. (2-3-3) S.** Introduction to algal biology; emphasis is placed on freshwater algae including the study of classification, life-history, physiology, ecology, and evolution. Prerequisite: Botany 3100.

4892. BOT **Introduction to Paleobotany. (3-2-4) S-odd-numbered years.** Introduction to the origin and theories of evolution, diversification, radiation, and paleogeography of plants through time, with special reference to vascular plants. Field work. Prerequisites: Geology 2430 and Botany 3200 or permission of instructor. Credit not granted for both Geology 4892 and Botany 4892.

4901. BOT **Plant Pathology. (1-4-3) F.** The basic principles of plant disease with emphasis on symptoms, causal agents, and control. Prerequisite: Botany 3100.

4902. BOT **Plant Breeding. (3-0-3) F.** Introduction to the basic principles and practices of plant breeding and methods for germplasm conservation. Emphasis is placed on both traditional and biotechnological approaches. Prerequisite: BIO 3200.

4904. BOT **Mycology. (2-3-3) S.** Survey of the fungi; specifically the characteristics and phylogenetic relationships of the major groups of fungi, their structure, growth and development, physiology, reproduction and dispersal, genetics, ecological role and economic importance. Prerequisite: Botany 3100 or permission of the instructor.

Graduate Courses (On demand)

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

BUSINESS

Undergraduate Courses

2275. BUS **Internship in Business. (3-0-3) (Credit/No Credit)** An approved employment experience in an appropriate organization. Prerequisites: Pre-business major, sophomore standing, the approval of the intern coordinator and acceptance of student by a business firm.

4275. BUS **Internship in Business, Honors. (3-0-3)** Prerequisites: Admission to Business Honors Program, approval of the Business Programs Inership Coordinator and business Honors Coordinator. An approved employment experience in an appropriate organization.

4555. BUS **Honors Research. (3-0-3) F.** In consultation with an honors faculty member, the student designs an individual research project, gathers and analyzes the data, and reports the results in written form. Prerequisites: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

BUSINESS ADMINISTRATION

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. (Courses numbered 5500 and above are open only to students who have been admitted to the M.B.A. degree program.) **For graduate courses, see the *Graduate Catalog*.**

BUSINESS & APPLIED SCIENCES

Undergraduate Course

4000. BAS **Professional Success Strategies. (2-0-2)** This course is designed to prepare students to be competent, competitive and successful in entering a field of employment in the 21st century. The focus is on researching and finding a compatible employer, preparing the resume, preparing for the interview and the expectations of the new employee in today's highly competitive, culturally diverse, and international job market.

BUSINESS EDUCATION

Undergraduate Courses

1110. BED **Keyboarding. (3-0-3) F, S.** Kinesthetic typewriting techniques with emphasis on keyboarding as a communication tool. No credit for students having had equivalent of one semester of typewriting instruction.

1120. BED **Formatting. (3-0-3) F, S.** Business and personal applications of formatting for communications and reports. No credit for students having had equivalent of three semesters of typewriting instruction.

1420. BED **Survey of Business Principles. (3-0-3) F, S.** An introduction to the contemporary world of business. Not open to junior and senior B.S. in Business majors.

2630. BED **Presentation and Document Design. (3-0-3) F, S.** The design and preparation of computer-generated visuals and print-based documents for business and education purposes. Presentation software and word processing software with publishing features will be used to graphically enhance materials for more effective communication. Prerequisite: Knowledge of a word processing package.

3000. BED **Consumers in the Marketplace. (3-0-3) F, S.** Factors affecting personal and family financial management, including investments and savings, use of credit, insurance and taxes. Credit will not be granted for both Business Education 3000 and Family and Consumer Sciences 3300.

3350. BED **Principles of Business Education. (3-0-3) F, S.** Principles of business education in the public and private schools. Emphasis is on curriculum, student characteristics, planning and evaluation, instructional strategies, and new developments in business curriculum. Prerequisite to specialized methods courses. Prerequisites: Educational Psychology 3325 and Secondary Education 3330, or ASEP 3000.

3403. BED **Methods of Teaching Keyboarding and Microcomputer Applications. (3-0-3) F, S.** Methods for reviewing and selecting textbooks and software, course content, sources for acquiring software, teaching methods and visual aids for the keyboarding and computer applications classroom. Prerequisites: Administrative Information Systems 2100 and Business Education 3350.

3404. BED **Methods of Teaching Basic Business and Accounting. (3-0-3) F, S.** Teaching methods, content, textbooks, teaching materials, and visual aids to teach basic business and accounting. Prerequisites: Accounting 2100, 2150 and Business Education 3350.

3970. BED **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. BED **School Business Management Internship. (Arr.-Arr.-3) F, S.** School business practices are studied under the direction and supervision of a school business manager. Prerequisites: Admission to teacher education and permission of the department chairperson.

4275. BED **Internship. (Arr.-Arr.-3 or 6 or 9 or 12) (Credit/No Credit)** On-the-job experience in a phase of administrative information systems in a firm, or a business management position in a school for one semester approved by the department chairperson. Prerequisites: Permission of the department chairperson and acceptance of the student by a business firm or school on the basis of the student's application. Up to 12 hours of internship credit may be counted for graduation.

4740. BED **Independent Study. (Arr.-Arr.-1-3) F, S.** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the department chairperson prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4750. BED **Administrative Office Management. (3-0-3)** Planning and organizing administrative office operations with emphasis on organizational and systems analysis, job specifications and design, and work measurement, standards, and evaluation. Office systems and supervisory techniques. Prerequisite: Junior standing.

4913. BED **Organization and Administration of Cooperative Occupational Education. (3-0-3) F.** Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development are analyzed.

4923. BED **Coordination Techniques for Cooperative Occupational Education. (3-0-3) S.** Methods and techniques for preparation of teacher coordinators. Student selection, training agreements, training plans, legal requirements, related class management, individualized instruction, and program evaluation are emphasized.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

CAREER OCCUPATIONS

Undergraduate Courses

1000. COS **Portfolio Development. (1-0-1) (Credit/No Credit. Does not count toward graduation. Does not count in the cumulative grade point average).** Students receive instruction and practice in identifying and preparing written description of college-level

workplace learning. Students learn to use portfolio guidelines and other reference materials. Structured learning experiences introduce students to processes used to develop portfolios. Prerequisites: Admission to the Career Occupations Major and three semester hours of Occupation Education coursework or concurrent enrollment in an Career Occupations Studies course.

3200. COS **Occupational Experience. (Up to 30 sem. hrs.)** Credit for documented experience in a teachable occupation or cluster of occupations. This is the designation for occupational credit earned or awarded for occupational proficiency.

3300. COS **Occupational Subjects. (Up to 20 sem. hrs.)** Credit is evaluated for occupational study in accredited and selected other programs such as technical institutes, occupational programs in junior colleges, proprietary schools, military technical schools, USAFI, Service Schools, and other Armed Services courses.

3500. COS **Supervision. (3-0-3) S.** The study of the theories, principles, and practices of supervision in occupational settings in the public and private sectors. Emphasis is placed on the nature and implementation of contextual supervision, leadership and motivating work environments. Prerequisite: Career Occupations Studies 3200 or consent of the instructor.

4275. COS **Occupational Internship. (Arr.-Arr.-1-15 sem hrs.) (Credit/ /No Credit)** Experience includes job skills and knowledge, management-worker relations, supervised instruction conferences and evaluations. One semester hour a semester, up to a maximum of 15 semester hours, will be awarded for directed work experience internships.

4300. COS **Special Study in Occupational Education. (Arr.-Arr.-3)** Provides opportunity for in-depth study of selected problems in occupational education for which there is not an established course. May be taken for credit only once. Prerequisites: Prior approval by the Director and assignment of an appropriate instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4800. COS **Strategies and Processes of Teaching and Training. (3-0-3)** Application of strategies of teaching and training, presentation skills, lesson planning, and instructional technologies such as experiential learning, problem solving, simulation, computerized instruction, and lecturettes for vocational teachers and human resource development trainers.

4810. COS **Principles of Career Development.(3-0-3)** The nature, purpose, and philosophy of career education as it relates to the career development of individuals. Includes an overview of various levels of career development and the contributions various career development theories make to a total program of career development. Contemporary problems and issues in career development.

4820. COS **Sociotechnical Design. (3-0-3) F.** A study, from the worker's perspective, of how technology affects social processes in occupational environments; human resource development; sociotechnical and open system theories; diagnosing occupational systems; change strategies; and the worker's adaptation of occupational settings to changing environmental demands. Prerequisite: Three semester hours in psychology, sociology or management, or permission of the program director.

4830. COS **Occupational Perspectives: Past, Present and Future. (3-0-3) F.** The study of the nature of careers and occupations from varying perspectives including historical, philosophical, technological, political, economic, psychological and others, together with prospects and directions for the future. Prerequisite: Six semester hours of education, sociology and/or history, or permission of the program director.

4840. COS **Training Program Development. (3-0-3) S.** In-depth study of the establishment and operation of training programs of human resource development in the public or private sectors with emphasis on needs assessment, program design, proposal preparation, staffing, fiscal budgeting and monitoring, fiscal justification, program evaluation, impact assessment, and applied legalities. Prerequisites: Career Occupations 4800 plus six semester hours in other Career Occupations courses.

4850. COS **Special Topics in Occupational Development. (1-0-1) or (2-0-2) or (3-0-3).** A study of special topics regarding: instructional systems design and development; emerging audio-visual technology such as interactive laser video, "distance" learning; advancing andragogical foundations of experiential learning, critical thinking and small group learning; human resource development; and other specialized topics as they emerge. Prerequisite: Six semester hours in Career Occupations courses.

For graduate courses, see the *Graduate Catalog*.

CHEMISTRY

Chemistry 1040C is a one-semester course covering topics of contemporary interest for the non-science oriented student. It is particularly appropriate for use in the Scientific Awareness General Education requirement.

For most other students, Chemistry 1310 (lecture) and 1315 (laboratory) are taken the first semester. Students who have had no high school chemistry should complete Chemistry 1040C prior to enrolling in Chemistry 1310/1315.

For the second semester, Chemistry 1410C (lecture) and 1415C (laboratory) are offered for those whose interest is in the biological sciences and the various pre-professional programs in the biologically related fields. Chemistry 1510C (lecture) and 1515C (laboratory) are offered for those whose interest is in the physical sciences, mathematics and pre-engineering.

The following sequences are acceptable for credit toward graduation: Chemistry 1300 and 1315, or 1310 and 1315, 1410C and 1415C; Chemistry 1300 and 1315, or 1310 and 1315, 1510C and 1515C.

Note: Students are required to purchase a pair of the goggles designated for use in chemistry laboratories from the union bookstore.

Undergraduate Courses

1040C. CHM PS **The World of Chemistry. (3-2-4)** The chain of events from chemical fact to chemical theory to ingenious manipulation of materials based on those theories is presented. The impact of chemical theory on modern society through new materials and processes is emphasized. No credit toward major or minor in chemistry, nor for a student who has credit in a previous laboratory-based course in college-level chemistry.

1310. CHM **General Chemistry I. (3-0-3)** A basic course covering fundamental principles. Chemistry 1315 must be taken concurrently. Prerequisite: One year of high school chemistry or credit in Chemistry 1040C with a grade of C or better. Not recommended for those whose ACT mathematics score is less than 21 without prior or concurrent enrollment in Mathematics 1271.

1315. CHM **General Chemistry Laboratory I. (0-3-1)** Must be taken concurrently with Chemistry 1310.

1390. CHM **General Chemistry I, Honors. (3-0-3) F.** An introduction to chemical principles and their applications. Topics include: stoichiometry; atomic structure; bonding; properties of gases; liquids, solids and solutions; acids and bases; redox. Chemistry 1395, Honors, must be taken concurrently. Prerequisites: One year of high school chemistry, intermediate algebra, and admission to the University Honors Program.

1395. CHM **General Chemistry Laboratory I, Honors. (0-3-1) F.** Experimental work demonstrating chemical principles and their applications. Must be taken concurrently with Chemistry 1390, Honors. Prerequisite: Admission to the University Honors Program.

1410C. CHM PS **General Chemistry II. (3-0-3)** The second semester of the general chemistry sequence for biological science majors and those in various medical fields. Chemistry 1415C must be taken concurrently. Prerequisites: Chemistry 1310 and 1315. Credit not granted for both Chemistry 1410C and 1510C.

1415C. CHM PS **General Chemistry Laboratory II. (0-3-1)** Must be taken concurrently with Chemistry 1410C. Credit not granted for both Chemistry 1415C and 1515C.

1510C. CHM PS **General Chemistry II. (3-0-3) F, S.** The second semester of the general chemistry sequence for physical science, mathematics and pre-engineering majors. Chemistry 1515C must be taken concurrently. Prerequisites: Chemistry 1310 and 1315. Credit not granted for both Chemistry 1510C and 1410C.

1515C. CHM PS **General Chemistry Laboratory II. (0-3-1) F, S.** Must be taken concurrently with Chemistry 1510C. Credit not granted for both Chemistry 1515C and 1415C.

1590C. CHM PS **General Chemistry II, Honors. (3-0-3) S.** Principles of thermodynamics, kinetics, equilibrium and electrochemistry are elucidated and applied to relevant inorganic and organic chemical systems. Prerequisites: Chemistry 1390 and 1395, Honors, admission to the University Honors Program. Chemistry 1595C, Honors, must be taken concurrently.

1595C. CHM PS **General Chemistry Laboratory II, Honors. (0-3-1) S.** Experimental work demonstrating chemical principles and their applications. Must be taken concurrently with Chemistry 1590C, Honors. Prerequisite: Admission to the University Honors Program.

2040C. CHM PS **Practical Chemistry. (2-0-2) F, S.** The principle that molecular structure determines chemical and physical properties will be examined for materials encountered in daily life. The nature of organic molecules in the home such as cleansers, foods, etc., will be emphasized. No credit toward major or minor in chemistry.

2310. CHM **Descriptive Inorganic Chemistry. (2-0-2) S.** Physical and chemical properties of the elements and their compounds, presented at an elementary level. Prerequisites: Chemistry (1410C, 1415C) or (1510C, 1515C).

2730. CHM **Quantitative Analysis. (2-4-3) F, S.** Theory and applications of gravimetric, volumetric, electrochemical, and spectrophotometric quantitative chemical analysis. Prerequisites: Chemistry (1410C and 1415C) or (1510C and 1515C).

3000. CHM **Undergraduate Seminar. (1-0-0) F, S. Audit only.** For juniors. Prerequisites: Junior standing and completion of 15 semester hours of chemistry courses or permission of the instructor.

3001. CHM **Undergraduate Seminar. (1-0-1) F, S.** A thorough literature search of a recent development in chemistry and presentation of a talk based on this search. For juniors. Prerequisite: Chemistry 3000.

3040C. CHM PS **Developments in Science and Technology. (3-0-3) S.** An exploration of the historical development and current state of knowledge in several areas of science. The impact of these developments on society through new technology and a changing view of the universe will be discussed. Prerequisite: Completion of a college-level science course including a laboratory.

3100. CHM **Practicum in Chemistry. (0-3-1) F, S.** Practical experiences in preparing and handling chemical materials, supervising a chemical stockroom and assisting in a chemistry laboratory. Prerequisite: Two years of college chemistry. Should be completed prior to student teaching. Enrollment is restricted to chemistry majors and minors in the teacher certification program.

3200. CHM **Cooperative Education in Chemistry. (0-0-1 to 4) (Credit/No Credit)** May be repeated for up to 15 sem. hrs. Credit does not count toward the major in chemistry. Individually planned work experience in industry or government, supervised jointly by Chemistry faculty and the host institution. At least two work terms are required. Prerequisites: Minimum GPA of 2.50 and minimum combined GPA in Chemistry, Physics and Mathematics of 2.50; completion of sophomore year or two semesters of organic chemistry; and permission of department chairperson.

3430. CHM **Organic Chemistry I. (4-0-4)** Studies of aliphatic and aromatic compounds with an introduction to the theories of organic chemistry and reaction mechanisms. Prerequisite: Chemistry (1410C, 1415C) or (1510C, 1515C). Chemistry majors must elect Chemistry 3435 concurrently.

3435. CHM **Organic Chemistry Laboratory. (0-3-1)** Laboratory experiments illustrating the major concepts of Chemistry 3430. Prerequisite: Concurrent or prior registration in Chemistry 3430.

3440. CHM **Organic Chemistry II. (3-0-3) S.** A continuation of Chemistry 3430 emphasizing reaction mechanisms and spectroscopy. Recommended for majors in the life sciences and for those in pre-professional programs in the health fields. Chemistry majors should elect Chemistry 3840 and 3845. Prerequisites: Chemistry 3430 and 3435. Credit not granted for both Chemistry 3440 and 3840.

3450. CHM **Biochemistry I. (3-0-3) F, S.** Chemistry of biologically important compounds and an introduction to their roles in living material. Prerequisites: Chemistry 3430 and 3435.

3500. CHM **Introduction to Chemical Research. (1-0-1) (Credit/No Credit) F, S.** An introduction to the ethical, safety and public awareness aspects of research in chemistry. Prerequisites: Chemistry 3430 and Chemistry 3435 (or concurrent enrollment therein) or 13 hours of chemistry or permission of the department chairperson.

3780. CHM **Instrumental Analysis (2-3-3) F.** Instrument design and analytical applications for the techniques of UV-visible spectrometry, fluorescence spectrometry, flame photometry, atomic absorption spectrometry, polarography, coulometry, HPLC, and gas chromatography. Prerequisites: Chemistry 2730; 3910 or simultaneous enrollment therein.

3840. CHM **Organic Chemistry II. (3-0-3) F, S.** A continuation of Chemistry 3430 emphasizing reaction mechanisms, spectroscopic identification and synthetic sequences from a practical and theoretical viewpoint. Required for chemistry majors and for those in the pre-chemical engineering program. Prerequisites: Chemistry 3430 and 3435. Credit not granted for both Chemistry 3440 and 3840.

3845. CHM **Advanced Organic Chemistry Laboratory. (0-6-2) S.** Multi-step syntheses, determination of reaction mechanisms and qualitative analysis. Prerequisite: Concurrent (or prior) enrollment in Chemistry 3840.

3910. CHM **Physical Chemistry. (4-0-4) F.** A study of the principles governing chemical change, including thermodynamics and kinetics. Prerequisites: Chemistry 1510C; Mathematics 1441C and 2442; Physics 1350 and 1360C or 1150 and 1160C.

3915. CHM **Physical Chemistry Laboratory. (1-4-2) S.** Experimental investigation of the thermodynamic and kinetic behavior of several chemical systems. Prerequisite: Chemistry 3910; Chemistry 3940 is strongly recommended as a corequisite.

3920. CHM **Physical Chemistry. (3-0-3) S.** A second semester course covering quantum mechanics and statistics. Prerequisite: Chemistry 3910.

3940. CHM **Computer Programming in Chemistry. (1-3-2) S.** Techniques in FORTRAN programming, data manipulation, curve fitting, numerical methods and computer graphics are developed with emphasis on applications in chemistry. Prerequisites: Chemistry 3910, Mathematics 2300 or permission of instructor.

4000. CHM **Undergraduate Seminar. (1-0-0) F, S. Audit only.** For seniors. Prerequisite: Chemistry 3001.

4001. CHM **Undergraduate Seminar. (1-0-1) F, S.** A thorough literature search of a recent development in chemistry and the presentation of a talk based on this search. For seniors. Prerequisite: Chemistry 4000.

4400. CHM **Undergraduate Research. (Arr.-Arr.-1 to 6)** Laboratory or theoretical research in which the student works under the supervision of a staff member. A written report is required. Prerequisite or corequisite: Chemistry 3500; prerequisites: permission of the instructor and department chairperson. May be repeated for credit.

4410. CHM **Independent Study. (Arr.-Arr.-1 to 3)** Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May be repeated for credit to a maximum of six hours. *Note*: A maximum of three semester hours credit may be applied to the major or minor in chemistry. Prerequisites: Permission of the department chairperson and instructor.

4444. CHM **Honors Independent Study. (Arr.-Arr.-1 to 3)** Intensive individual study on a topic in chemistry selected by the student under the supervision of the instructor and the departmental honors coordinator. *Note*: A maximum of three semester hours credit may be applied to Departmental Honors and the major in chemistry. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4555. CHM **Honors Research. (Arr.-Arr.-1 to 3)** Research into an experimental or theoretical aspect of modern chemistry undertaken with close supervision of an honors faculty member. Written report required. *Note*: Two semester hours are required of students in the Departmental Honors Program. A maximum of three additional semester hours credit may be applied to Departmental Honors and the major in chemistry. Prerequisites: Chemistry 3500; Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4644. CHM **Honors Thesis. (Arr.-Arr.-3)** Written thesis and oral presentation based upon a survey of the chemical literature and student's original research under close supervision of a chemistry honors faculty member. Required of students in the

Departmental Honors Program. May not be repeated. Prerequisites: A minimum of two credit hours in Chemistry 4555; admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4666. CHM **Honors Seminar. (1-0-1) On demand.** Directed reading and group discussion of advanced topics from a variety of sources including both classical and recent chemical research papers. Required of students in the Departmental Honors Program. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson and instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4760. CHM **Biochemistry II. (3-0-3) S.** A continuation of Chemistry 3450 emphasizing mechanisms and control of enzyme action, energetic metabolic pathways, biosyntheses of biomolecules such as nucleotides and proteins, DNA and RNA properties, and hormone action. Prerequisite: Chemistry 3450.

4765. CHM **Biochemistry Laboratory. (0-6-2) S.** Introduction to experimentation with biochemical systems, processes, and compounds; identification and quantitative measurement of constituents and transformations in biological systems. Prerequisite: Chemistry 3450. Concurrent enrollment in Chemistry 4760 recommended.

4770. CHM **Molecular Structure. (1-6-3) F.** Determination of molecular size, shape, flexibility and electronic structure from spectroscopic measurements; spectrometric identification of organic compounds using NMR, mass spectrometry, UV-visible and IR spectrometry. Prerequisite: Chemistry 3920. (Graduate students whose undergraduate preparation lacks a course equivalent to Chemistry 3920 should register for Chemistry 5300 prior to or concurrent with registration in Chemistry 4770.)

4780. CHM **Chemical Instrumentation for Biology. (2-3-3)** S. An introduction to the use of the major analytical instrumentation used for research in Botany, Environmental Biology, and Zoology. Laboratory work will stress sample preparation and analysis of samples used in typical research projects. Does not count toward graduation credit for B.S. or M.S. degrees in chemistry. Prerequisites: Eight semester hours in chemistry and 12 semester hours in the biological sciences. One semester of organic chemistry is recommended.

4790. CHM **Medicinal Chemistry. (3-0-3) S-odd-numbered years.** Basic principles of pharmacology, drug-receptor interaction, physiochemical properties as related to biological activity; synthesis of medicinally important molecules including strategic considerations. Prerequisite: Chemistry 3430.

4800. CHM **Selected Topics in Chemistry. (Arr.-Arr.-1 to 3) On demand.** A course in a selected area of chemistry (such as electronics or glass blowing). May be repeated for credit if a different topic is taught. Prerequisite: Chemistry 3910 or permission of the instructor.

4860. CHM **Biochemistry III. (3-0-3) F.** A selected area of biochemistry is emphasized. Topics may include protein structure and function, catalysis in chemistry and enzymology, enzyme mechanisms, DNA binding proteins, or regulation of DNA expression. Prerequisites: Chemistry 4760 or Chemistry 3450 with consent of the instructor.

4900. CHM **Modern Inorganic Chemistry. (3-0-3) F.** A study of the structures and reactions of inorganic compounds with particular emphasis on chemical bonding and coordination theory. Prerequisites: Chemistry 2310 and 3920.

4905. CHM **Modern Inorganic Chemistry Laboratory. (0-6-2) F.** A laboratory course emphasizing modern techniques in inorganic research including those for synthesis and characterization of important classes of inorganic compounds, kinetics studies, and photochemistry. Prerequisite or corequisite: Chemistry 4900.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School.

The following courses are available only for the M.S. in Education degree in Physical Science: Chemistry 5030, 5040, 5050, 5070, 5080.

For graduate courses, see the *Graduate Catalog*.

COLLEGE OF SCIENCES

Undergraduate Courses

3001C. CSC SI **Survival of Humanity: The Future of Society. (3-0-3) S.** An interdisciplinary study of the interplay of facts, values, and theories in the analysis of resources, population, the environment, food, and economic well-being in the developed and third worlds.

3203. CSC **Social Studies. (3-0-3) Su. Topics to be announced.**

3303. CSC **Mathematics-Science. (3-0-3) Su. Topics to be announced.**

COMMUNICATION DISORDERS AND SCIENCES

Undergraduate Courses

For information on admission to the major and access to upper division CDS courses, see the description of the Communication Disorders and Sciences major in the "College Descriptions and Program Requirements" section of this catalog.

1100. CDS **Phonetics. (2-1-2) F.** Physiologic and acoustic bases of English phonetics. The course develops IPA transcription skills in standard, dialect, and defective speech patterns.

2010C. CDS FL **Language and Culture of the Deaf I. (3-0-3) F.** The study of the deaf culture, its language and skill development in expression and reception of sign language. Exclusion: Students with two years or more of high school Sign Language may not take this course for credit without permission from the department chairperson.

2020C. CDS FL **Language and Culture of the Deaf II. (3-0-3) S.** The advanced study of the deaf culture and sign language. Prerequisite: Language and Culture of the Deaf I. Students with three years or more of high school Sign Language may not take this course for credit without permission from the department chairperson.

2110. CDS **Anatomy and Physiology of the Speech and Hearing Mechanisms. (2-0-2) F.** Basic neurologic, anatomical and physiologic concepts.

2210. CDS **Language Acquisition. (3-0-3) F, S.** Theoretical foundation for defining language, the major components of language and normal acquisition sequences from infant precursors through early childhood and adolescence. Patterns of normal acquisition as a guide for evaluation of developmental disorders are presented.

2215. CDS **Speech Science. (2-0-2) S.** Application of basic acoustic and physiologic information to normal speech in the areas of respiration, phonation and articulation. Prerequisite: Communication Disorders and Sciences 2110 or permission of instructor.

2700. CDS **Phonological Development. (2-1-2) S.** Study of the development of normal and delayed phonological systems. Theories of phonological development including distinctive features and phonological processes are presented.

2800. CDS **Introduction to Speech Pathology. (3-0-3) S.** An overview of the pathology, etiology, impact and treatment of various communication disorders. Deficits addressed include articulation/phonology, language, voice, hearing, fluency, and organic-based communication disorders.

3250. CDS **Language Disorders in Children and Adolescents. (3-0-3) F.** Assessment and treatment philosophies for language disordered children and adolescents are reviewed. Strategies for specific linguistic impairment including delayed, disordered and different language and for populations with known etiologies as developmental delay, neurological impairment and learning disabilities are profiled. Prerequisites: Admission to the major, Communication Disorders and Sciences 2210, 2800; or permission of the instructor.

3600. CDS **Audiology. (2-0-2) F.** The study of the anatomy of the ear, theories of hearing, acoustics and basic audiometric techniques. Prerequisites: Admission to the major, Communication Disorders and Sciences 2800; or permission of the department chairperson.

3651. CDS **Aural Rehabilitation. (2-0-2) S.** Study of rehabilitation for the hard-of-hearing, including techniques of hearing aid selection. Prerequisites: Admission to the major, Communication Disorders and Sciences 3600; or permission of the instructor.

3700. CDS **Phonological Assessment and Remediation. (3-0-3) F.** Study of the diagnostic evaluation and intervention techniques for functional phonological disorders. Assessment and remediation procedures include options within phonological rule-based and traditional motor-production approaches. Prerequisites: Admission to the major, Communication Disorders and Sciences 1100 and 2700.

3800. CDS **Evaluation and Therapy. (3-0-3) F.** Training in specific diagnostic techniques for speech and language disorders; planning specific remediation techniques. Students observe at least 25 hours in the clinic. Prerequisites: Admission to the major, Communication Disorders and Sciences 1100, 2110, 2210, 2700, 2800; or permission of the instructor.

3900. CDS **Introduction to Clinical Techniques in Communication Disorders. (1-1-1) F,S.** An introduction to a variety of methodologies used in the management of communication disorders. Through the lab activities, students will observe and evaluate clinical sessions. Students will complete 25 hours of pre-clinical observation in this course. This course is graded A,B,C,N/C. Prerequisite: Admission to the CDS major.

Courses Open to Juniors, Seniors, and Graduate Students

4750. CDS **Independent Study. (Arr.-Arr.-1 to 6) (May be repeated to a maximum of six semester hours).** Independent directed study in speech, language, or hearing processes or disorders. Prerequisites: Admission to the major and permission of the department chairperson.

4751. CDS **Speech-Language-Hearing Disorders: Neurological and Embryological Aspects. (2-0-2) F.** Study of embryological development and basic neurological function specific to speech and hearing mechanisms and disorders. Prerequisites: Admission to the major, Communication Disorders and Sciences 2110; 2800 or permission of the instructor.

4761. CDS **Voice Production and Disorders. (3-0-3) S.** Study of the normal voice function and the etiology and remediation of functional and organic voice disorders: pitch, intensity, quality, resonance, dysphonia, laryngectomy. Prerequisite: Admission to the major, Communication Disorders and Sciences 2800 or permission of the instructor.

4771. CDS **Stuttering. (3-0-3) S.** Prominent etiological theories along with the development of stuttering are surveyed. Diagnostic and preventative procedures along with the integration of prominent theories in the treatment of stuttering are studied and evaluated. Prerequisites: Admission to the major, and Communication Disorders and Sciences 2800 or permission of the instructor.

4800. CDS **Professional Regulations and Issues in Speech-Language Pathology. (2-0-2) S.** Discussion of certification, licensure and ethical issues, rules and regulations which govern the role of the speech-language pathologist in a variety of work environments, and current issues in Communication Disorders and Sciences. Prerequisite: Admission to the major or permission of the department chair.

4900 (4700). CDS **Clinical Practice. (Arr.-Arr.-1) (Credit/No Credit)** Supervised work with persons with a communication disorder. Prerequisites: Admission to the major, Communication Disorders and Sciences 1100, 2210, 2800, 3250, 3700, 3800, 3900; a major GPA of 2.85 and a cumulative GPA of 2.50; or permission of the department chairperson. With permission of the department chairperson, students may repeat this course for credit.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior only with approval of the Department Chair, instructor, and Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

COMPUTER AND OPERATIONS MANAGEMENT

Undergraduate Courses

2100. COM/ AIS **Computer Concepts and Applications for Business. (3-0-3) F, S.** A study of computer concepts, including the information processing cycle, file organization, data communications, and operating systems and systems software. Applications software, including spreadsheets, computer communications, and operating systems with graphical user interfaces. Emphasis on logical constructs in a computer environment. Prerequisites: Mathematics 1271 or equivalent and completion of 30 hours or more. Keyboarding skills and computer literacy are strongly recommended. This course replaces BED 2510 and COM 2175.

2250. COM **Problem Solving with PL/1. (3-0-3) F.** A study of the PL/1 programming language for business-related problems involving disk files. In addition to the fundamental statements, one- and two-dimensional arrays, pointers and sorting techniques will be covered. Prerequisites: Computer and Operations Management 2100 and completion of 30 semester hours or more.

2310. COM **Business Programming in COBOL. (3-0-3) F, S.** Computer programming and reporting for file-oriented computerized information systems utilizing the COBOL language. Additional topics include COBOL sorting routines, table handling features, structured coding techniques, and sequential disk organization. Prerequisites: Computer and Operations Management 2100 and completion of 30 semester hours or more.

2810. COM **Business Statistics I. (3-0-3)** Provides a working knowledge of descriptive statistics, probability distributions, hypothesis testing and simple correlation and regression. Includes the application of computer software to these techniques. Prerequisite: Sophomore standing.

3250. COM **Business Programming with C. (3-0-3) S.** A study of the program structure, data types, operators, input/output statements, functions, arrays and pointers in the C language. Emphasis is on efficiency in business programming. Prerequisite: Computer and Operations Management 2310.

3290. COM **File Organization and Management Methods. (3-0-3) F, S.** A study of disk file structures, organization, and file management methods. Advanced COBOL concepts are used in a file processing environment. Includes disk file organization, creation, storage, retrieval, maintenance, and security. Prerequisites: Computer and Operations Management 2310 and junior standing.

3310. COM **Design of Information Systems. (3-0-3) F, S.** The analysis, design, development, and maintenance of information systems. Introduces the student to general system theory and the salient features of the management information system. Prerequisites: Computer and Operations Management 2310 and junior standing.

3330. COM **Interactive Business Systems. (3-0-3) F, S.** A study of the process of integrating the computer-based, file-oriented business system with its on-line (interactive) environment. CICS-VS using the COBOL language is stressed. Includes examination of load modules, associated job control language (JCL), and direct access file techniques. Prerequisites: Computer and Operations Management 2310 and (Computer and Operations Management 3290 or Mathematics 3670).

3350. COM **Database: Design and Management. (3-0-3) F, S.** A study of database structures and design, hierarchical, network and relational data models, database access through COBOL and through Data Definition and Manipulation Languages in the mainframe and microcomputer environments. Recent trends will be addressed. Prerequisite: Junior standing.

3800. COM **Introduction to Operations Research. (3-0-3) F, S.** An introduction to, and survey of, the quantitative methods and techniques of modern science to today's problem of management decision-making. Topics include linear programming, network models, decision theory, and queuing theory. Includes application of computer software solution techniques. Prerequisites: Mathematics 2110C or 2120C and junior standing.

3820. COM **Business Statistics II. (3-0-3) F, S.** Provides a working knowledge of multiple regression, analysis of variance, chi-square, time series, and non-parametric statistics. Prerequisites: Computer and Operations Management 2810 and junior standing.

3950. COM **Operations Management. (3-0-3)** Management of manufacturing and service organizations. Topics include decision making, forecasting, product and service design, location planning, process selection and capacity planning, layout, inventory management (IM), Just-in-time systems (JIT), material requirements planning (MRP), scheduling, project management and quality. Includes application of computer software solution techniques. Prerequisites: Computer and Operations Management 2810 and Management 3010.

3970. COM **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4250. COM **Management Information Systems. (3-0-3)** An introduction to MIS by management level and functional area. Among the topics are: types of information systems, approaches to systems development, and security. Prepackaged software will be used in case problem solving and simulation situations. Prerequisite: Admission to Lumpkin College of Business and Applied Sciences. Not open to Computer Management majors.

4275. COM **Internship in Computer and Operations Management. (Arr.-Arr.-3 or 6 or 9 or 12) (Credit/No Credit).** On-the-job experience in a computer-related function for one semester in a firm approved by the department chairperson. Prerequisites: Permission of the department chairperson and acceptance of the student by a business firm on the basis of the student's application. Up to 12 hours of internship credit may be counted for graduation.

4320. COM **Production Systems and Control. (3-0-3) S.** A study of inventory management (IM), production activity control (PAC), and Just-in-time (JIT). These Operations Management topics will be explored in depth and linked to the topics of Computer and Operations Management 4350. Prerequisite: Computer and Operations Management 3950. (Industrial Technology majors require Industrial Technology 4943.)

4350. COM **Capacity Management. (3-0-3) S.** A study of master production scheduling (MPS), material requirements planning (MRP), capacity requirements planning (CRP), and production systems and technology. These Operations Management topics will be explored in depth and linked to the topics of Computer and Operations Management 4320. Prerequisite: Computer and Operations Management 3950. (Industrial Technology majors require Industrial Technology 4943.)

4600. COM **Production Operations Strategy. (3-0-3) S.** Studies corporate strategy as a basis for forming operations strategy and resulting relationships to process technology, product positioning, quality, productivity, and aggregate planning. Prerequisite: Computer and Operations Management 4320 or 4350.

4610. COM **Management of Information Systems. (3-0-3) F, S.** Planning, organizing, controlling, evaluating, budgeting and protecting the information system function, including technology, equipment, and personnel. Prerequisite: Computer and Operations Management 3310.

4740. COM **Independent Study. (Arr.-Arr.-1, 2, or 3)** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the department chairperson prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4800. COM/ INT/ MGT **Management of Innovation and Technology. (3-0-3). As needed.** Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Prerequisite: Senior standing.

4810. COM **Systems Simulation (3-0-3) F.** A study of the design and use of computer simulation models. Design topics include development techniques and model selection and validation. Model construction will be performed with the use of a simulation language. Implementation topics include sensitivity analysis, statistical analyses, and interpretation of results. Prerequisites: Computer and Operations Management 2250 or 2310, and Computer and Operations Management 2810.

4820. COM **Business Telecommunications Management. (3-0-3) S.** Fundamentals of business telecommunications, teleprocessing and computer networks. Data impact on organizational structure and strategy, cost benefit analysis. Local and wide area networks are studied. Prerequisites: For undergraduate students, junior standing, and admission to the Lumpkin College of Business and Applied Sciences; for graduate students, admission to the Master of Business Administration program and completion of all Phase I coursework. Additional requirements for graduate students: Graduate students will be required to conduct a project, which will be optional to undergraduates in the course.

4850. COM **Special Topics in Computer and Operations Management. (3-0-3) On demand.** A study of Operations Management/ Management Information Systems topics. What these systems are, how to use them, and the results that can be expected from their use. Prerequisites: For undergraduate students, senior standing and admission to the Lumpkin College of Business and Applied Sciences; for graduate students, admission to the Master of Business Administration program and completion of all Phase I coursework. Additional requirements for graduate students: Graduate students will be required to conduct a project, which will be optional to undergraduates in the course.

EARTH SCIENCE
(Offered in the Department of Geology and Geography)

Undergraduate Courses

1300C. ESC/ GEL PS **Earth Sciences. (2-2-3) F, S.** An introduction to earth processes, resources, rocks, minerals, maps, time, and plate tectonics. The interaction of natural processes in the physical environment and human activity will be discussed. Lab work and field trip are required.

1390C. ESC/ GEL PS **Earth Sciences, Honors. (2-2-3) On demand.** Study of the planet Earth as a system consisting of the lithosphere, hydrosphere, and atmosphere. Emphasis on how processes occurring within the solid, liquid, and gaseous portions of the Earth system act to influence its surface. Field trips and short papers will stress scientific communication skills. Prerequisite: Admission to the University Honors Program.

1400C. ESC PS **Weather and Climate. (3-2-4) F, S.** This course provides students a basic understanding of global weather and climate processes. Topics also include current issues such as air pollution, severe weather, weather forecasting, and climate change.

1490C. ESC PS **Weather and Climate, Honors. (3-2-4) On demand.** An introduction to the study of the atmosphere and its processes. Topics include: atmospheric structure and composition, weather elements, climatic change, and interactions between man and the atmosphere. Research papers and field trips required. Prerequisite: Admission to the University Honors Program.

2420. ESC **Regional Geomorphology (2-2-3) On demand.** Landforms of the United States; work with maps of landforms; consideration to composition, distribution and the processes by which the land is shaped. Field trip.

3010C. ESC/ GEL PS **Environmental Physical Science. (2-0-2) F, S.** A study of global ecology integrating aspects of the physical and biological components of planet Earth (see also Environmental Biology 3010C). Examines earth surface processes and materials and their relationships with human activities. Emphasis is on environmental elements and the constraints and advantages which must be evaluated when living and working in a given area.

3015C. ESC/ GEL PS **Environmental Science Laboratory. (0-2-1) F, S.** Practical experience in analyzing areas with environmental problems. Analytical methods include map analysis, aerial photo analysis, soil analysis and water testing. Actual and hypothetical scenarios will be presented for group analysis, evaluation, and presentation of results. Field Trip(s). Prerequisite: Concurrent or prior enrollment in Earth Science 3010C, Environmental Physical Science.

3200. ESC/ GEG **Human Impacts on the Environment. (3-0-3) S.** Emphasis on human impacts on the environment and the necessity of conservation. Discussion of natural hazards and perception of resources as factors limiting society's development. Focus on man as an agent of environmental change.

3300. ESC **Soils. (2-2-3) On demand.** Overview of soil sciences such as taxonomy, soil formation, properties of soils, common soil problems and their solutions, evaluation of soils, and pollution from uses of soils. Prerequisites: Geology/Earth Science 1300C or 3010C/3015C and Chemistry 1310 and 1315.

3410. ESC **Climatology. (2-2-3) F.** Study of the earth's energy and water balances, climate classification systems, synoptic climatology, paleoclimatology, agricultural and urban climatology, theory of jet streams. Prerequisite: Earth Science 1400C (or equivalent).

3450C. ESC/ GEL PS **Oceanography. (3-0-3)** Integrated, descriptive study of the World Ocean, including the physics, chemistry, biology, and geology of the marine environment and the interrelationship between the World Ocean and human activities.

3550. ESC **Surface Water Processes and Resources. (2-2-3) On demand.** Principles of the water cycle, surface and subsurface routing, drainage basins, stream channel form and processes, effects of climate. Illustrates human responses to and modification of hydrologic systems. Field trip required. Prerequisite: Geology 3420 or permission of instructor.

3960. ESC **Special Topics. (Arr.-Arr.-1 to 4) On demand.** Readings, discussion, reports, on-campus and off-campus fieldwork on specific areas of topics in earth science. May be repeated with permission of department chairperson, for a maximum of six semester hours. Prerequisite: Minimum of four courses in earth science or consent of the instructor.

3970. ESC **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. ESC **Internship in Earth Science. (Arr.-Arr.-1-6) On demand.** An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of three semester hours may be counted as elective credit in the Earth Science minor. Prerequisites: Completion of at least 12 hours of coursework toward Earth Science minors, permission of the Geology/Geography Department Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a mximum of 12 semester hours.

4400. ESC **Independent Study. (Arr.-Arr.-1 to 3)** Individual study under faculty supervision on a topic selected by the student. May be repeated to a maximum of six semester hours. Prerequisite: Permission of the faculty supervisor and approval of the department chairperson.

4430. ESC **Undergraduate Research in Earth Science. (Arr.-Arr.1-3) On demand**. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. Prerequisite: Completion of 15 semester hours toward an Earth Science minor, permission of instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

Courses Open to Juniors, Seniors, and Graduate Students

4900. ESC **Earth Science Field Experience for Teachers. (2-6-5) Su.** Introduction to and field investigations of earth materials and resources, geological and geomorphical processes, and their historical relationships. Prerequisite: Teaching certificate or permission of the instructor.

4950. ESC **Earth Science Field Experience Research for Teachers. (Arr.-Arr.-1 to 3) Su or F, following successful completion of Earth Science 4900.** Research on specific topic or topics developed while enrolled in Earth Science 4900. Earth Science 4900 is prerequisite or corequisite.

ECONOMICS

Undergraduate Courses

2800C. ECN SI **Economics of Social Issues. (3-0-3) F, S.** Discussion of social issues-- such as discrimination, poverty, pollution, crime, and the provision of health care-- from an economic viewpoint, and economic analysis of policies proposed by various societies to deal with these issues. This course is not equivalent to Economics 2801 or Economics 2802 and may not be counted as part of the 36-semester-hour requirement for an economics major or the 21-semester-hour requirement for an economics minor or the option in Economics with International Studies.

2801. ECN **Principles of Economics I. (3-0-3)** A short introduction followed by a discussion of the causes and cures of inflation and unemployment.

2802. ECN **Principles of Economics II. (3-0-3)** A study of the determination of individual prices in a market economy and related problems. Prerequisite: Economics 2801.

2891. ECN **Principles of Economics I, Honors. (3-0-3) F.** A short introduction followed by a discussion of the causes and cures of inflation and unemployment. Prerequisite: Admission to the University Honors Program.

2892. ECN **Principles of Economics II, Honors. (3-0-3) S.** A study of the determination of individual prices in a market economy and related problems. Prerequisites: Economics 2891 and admission to the University Honors Program.

3810. ECN **Economics of Natural Resources. (3-0-3) F.** An introduction to economic analysis of natural resources and the environment. Prerequisite: Economics 2802 or permission of the instructor.

3833. ECN **Economic Development of Modern Europe. (3-0-3) F, S.** A survey of the economic history of Europe with primary emphasis on the period after 1850. Prerequisite: Economics 2802 or permission of the instructor.

3835. ECN **American Economic Development. (3-0-3) S.** Evolution of the economy with emphasis on basic economic institutions and major forces in the process of growth and development. Prerequisite: Economics 2802.

3851. ECN **Public Finance. (3-0-3) F, S.** A study of taxation, government spending, public debt, and the role of government in a market economy. Prerequisite: Economics 2802.

3853. ECN **Urban and Regional Economics. (3-0-3) S.** An introduction to spatial economics with emphasis on policy and planning to alleviate social problems that result from the uneven distribution of economic activities. Prerequisite: Economics 2802 or permission of the instructor.

3860. ECN **International Economics. (3-0-3)** Principles of foreign trade and finance; balance of payments; tariffs; quotas and commercial policies of major countries. Prerequisite: Economics 2802 or permission of the instructor.

3870. ECN **Agricultural Economics. (3-0-3) F.** An introduction to the application of economic theory and method to problems in agriculture and agribusiness; provides the foundation needed to understand, interpret, and analyze farm policy in the United States. Prerequisites: Economics 2801, 2802.

3880. ECN **Government and Business. (3-0-3) F, S.** The market structures in which business operates; public policies for regulation and control of those markets. Prerequisite: Economics 2802 or permission of the instructor.

3881. ECN **Economics of Public Utilities. (3-0-3) S.** This course entails an examination of the unique economic characteristics which set public utilities apart from other corporations, and explains why these firms are subject to regulation. Prerequisite: Economics 2802 or permission of the instructor.

3890. ECN **Labor Economics. (3-0-3) F.** Wage theory, history of the labor movement, collective bargaining, labor legislation, and poverty. Prerequisite: Economics 2802 or permission of the instructor.

3891. ECN **International Economics, Honors. (3-0-3) F.** Principles of foreign trade and finance; balance of payments, tariffs, quotas and commercial policies of major countries. Prerequisites: Economics 2892 or permission of the instructor, and admission to the University Honors Program.

3970. ECN **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

3971. ECN **Statistics Applied to Economics I. (3-0-3) F, S.** Measures of central tendency and dispersion, statistical distributions, regression, and hypothesis testing with applications to economics. Prerequisite: Economics 2802 or permission of the instructor. No credit toward graduation for a student with credit in another introductory statistics course.

3972. ECN **Statistics Applied to Economics II. (3-0-3) F, S.** Non-parametric statistics, chi-square and F distribution, multiple regression, index numbers, and time series with application to economics. Prerequisites: Economics 3971 and Mathematics 2120C, or permission of the instructor.

4275. ECN **Internship in Economics. (Arr.-Arr.-1 to 12) (Credit/No Credit).** A semester's experience as an intern in a state, federal, or international agency or business firm. Twelve semester hours may be earned in the fall or spring semesters and nine semester

hours during the summer term. Credit for this program does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the university. *Note*: Not more than six semester hours can be used to meet the total credit hours required in the major. Prerequisite: Permission of the department chairperson and acceptance of the student by a state, federal, or international agency or business firm on the basis of the student's application. May not be counted toward the minor.

4444. ECN **Honors Independent Study. (Arr.-Arr.-3)** Consideration of special topics in Economics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4505. ECN **Business Cycles. (3-0-3) S.** Fluctuations in economic activity and their causes, methods of forecasting, and policies for growth and stability. Prerequisite: Economics 2802.

4511. ECN **Comparative Economic Systems. (3-0-3) F.** A comparative study of the economic organization, policies, achievements and problems of the systems of capitalism, socialism, and communism. Prerequisite: Economics 2802 or permission of the instructor.

4520. ECN **History of Economic Thought. (3-0-3) F.** To emphasize various schools of thought including the Classicalist, Socialist, Marxist, Marginalist, Institutionalist, and Keynesian. Prerequisite: Economics 2802.

4570. ECN **Economic Problems of the Developing Countries. (3-0-3) F.** An analysis of the economic problems of the developing countries and theories of economic development. Prerequisite: Economics 2802 or permission of the instructor.

4594. ECN **Economics of Human Resources. (3-0-3) F.** A survey of the field of human resource development with emphasis on policies for correcting problems of structural unemployment and underemployment. Prerequisite: Economics 2802 or permission of the instructor.

4596. ECN **Economics of Collective Bargaining. (3-0-3) S.** The subjects of collective bargaining and the resolution of conflict are studied on the theoretical and descriptive levels. Prerequisite: Economics 3890 or permission of the instructor.

4644. ECN **Honors Thesis. (Arr.-Arr.-3)** Intensive research in preparation of a thesis on a topic in Economics approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. ECN **Honors Seminar. (Arr.-Arr.-3)** Areas of investigation which require integration of Economics and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

It is strongly recommended that students complete Mathematics 2110C and 2120C before enrolling in Economics courses numbered 4750 and above.

4751. ECN **Managerial Economics. (3-0-3) F.** The application of economic theory and method to managerial decision making. Prerequisites: Economics 2802 and Computer and Operations Management 2810, or Economics 3971, or permission of instructor.

4801. ECN **Intermediate Macroeconomic Theory. (3-0-3) F, S.** Analysis of the determination of national income, employment, wages, and factors affecting inflation and growth. Prerequisite: Economics 2802.

4802. ECN **Intermediate Microeconomic Theory. (3-0-3) F, S.** Analysis of product and factor price theory under alternative market classifications. Prerequisite: Economics 2802.

4803. ECN **Mathematical Economics. (3-0-3) S.** The application of mathematical tools to economics. Various economic theories are formulated in a mathematical framework. Prerequisite: Economics 4802 or permission of the instructor.

4813. ECN **The Economics of Eastern Europe and Eurasia. (3-0-3) S.** A descriptive analysis of the economic structure of the evolving new nations after the breakup of the Soviet Union and Soviet Bloc, with an additional analysis of why the breakup occurred. Prerequisite: Economics 2802 or permission of the instructor.

4831, 4832, 4833. ECN **Policy Practicum. (3-0-1 each course) F.** Study of the policy-making process in selected issues; applied work with methods of policy analysis. (Courses offered consecutively, 4831 for five weeks, 4832 for five weeks, and 4833 for five weeks. Students may register for any one, two or all three of the courses in the same semester.) Credit not granted for both Economics 4831, 4832, 4833 and Political Science 4831, 4832, 4833.

4840. ECN **Money and Banking. (3-0-3) F, S.** Money and banking in the modern economy; history and theory of monetary policy. Prerequisite: Economics 2802.

4861. ECN **International Economic Problems. (3-0-3) F.** Current international economic problems; balance of payments adjustment; exchange rate policy; international monetary mechanism. Prerequisite: Economics 3860 or permission of the instructor.

4875. ECN **Area Studies. (3-0-3) S.** A study of economic conditions and development problems in a specific geographical area such as Tropical Africa, Middle East, or Latin America. The topic will vary from semester to semester; the course may be repeated with each change of topic. Prerequisite: Economics 2802 or permission of instructor.

4900. ECN **Issues in Economics. (3-0-3) Su.** An analysis of selected economic problems. Topics to be announced. May be repeated once for credit with change in topic. Prerequisites: Economics 2802 and senior or graduate standing or permission of the instructor.

4950. ECN **Independent Study. (Arr.-Arr.-2 or 3)** Independent study in economics. Designed for individual student needs at either the undergraduate or graduate level. Prerequisites: Economics 2802 and pre-registration conference with the department chairperson.

4973. ECN **Introduction to Econometrics. (3-0-3) S.** A study of regression estimations, tests and predictions, estimation problems and remedies, simultaneous equations systems with application to economics. Prerequisites: Economics 3972, Mathematics 2110C and 2120C, or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

EDUCATIONAL ADMINISTRATION

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

EDUCATIONAL FOUNDATIONS

Undergraduate Courses

2171C. EDF HB **Schools, Citizens and Society. (3-0-3) F, S.** Nature and place of public education in American society. Citizen's relationship to public education as pupil, parent, taxpayer, and voter.

2555. EDF **Diversity of Schools and Societies: Social and Global Perspectives. (3-0-3) F, S.** How schooling is shaped by, and ought to respond to, the social contexts in which it occurs, particularly in multicultural and global contexts.

4450. EDF **Philosophy and History of Education. (3-0-3)** The philosophical and historical foundations of leading educational theories as they treat human nature, objectives, and processes of education. Prerequisite: Junior standing.

4741. EDF **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4750. EDF **Introduction to Adult Education. (3-0-3)** Adult education today, its career opportunities, and its historical and theoretical foundations.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

EDUCATIONAL GUIDANCE

Courses Open to Juniors, Seniors, and Graduate Students

4910. EDG **Guidance in the Elementary School. (3-0-3) On demand.** A study of principles and techniques of guidance services in the elementary school.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

EDUCATIONAL PSYCHOLOGY

Undergraduate Courses

3325. EDP **Educational Psychology. (3-0-3)** Individual growth and development, motivation, learning theory, appraisal of human differences, classroom management, student evaluation, practices, observation and 15 clock hours of participation in learning situations. Prerequisite: Junior standing.

4741. EDP **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit.

Courses Open to Juniors, Seniors, and Graduate Students

4770. EDP **Facilitating Interpersonal Relationships. (3-0-3)** A course to develop skills in interpersonal relationships and personal understanding.

4780. EDP **Studies in Education. (3-0-3) On demand.** Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem.

4790. EDP **Studies in Education. (2-0-2) On demand.** Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem.

4800. EDP **Studies in Education. (1-0-1) On demand.** Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem.

4850. EDP **Measurement and Evaluation. (3-0-3) On demand.** Nature and use of standardized and teacher-made tests. Selection, administration, and use.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

EIU

See: Freshman Seminar
Senior Seminar
Study Abroad

ELEMENTARY EDUCATION

Undergraduate Courses

2000. ELE **The Teacher and the School. (2-1-2) F, S.** Observation and data collection techniques, professional issues in teaching, characteristics of schools, curricular organizations, effective teachers, 12 clock hours of structured observation. Prerequisite: Concurrent enrollment in Elementary Education 2320 is desirable, or permission of department chair.

2022. ELE **Microcomputers in Elementary and Junior High Schools. (2-1-2) F, S.** Basic course in microcomputers, their operation, and utilization in the elementary, middle, and junior high school classroom. Note: This is not a programming course. The minimum programming level does not apply.

2320. ELE **Childhood and Early Adolescent Development. (3-0-3)** Concepts and issues in the physical, social, emotional, and intellectual growth and development of children and early adolescents: prenatal through middle school/junior high. Field-based activities will be provided in conjunction with Elementary Education 2000. Prerequisite: Concurrent enrollment in Elementary Education 2000 is desirable.

2321. ELE **Child Growth and Development. (3-1-3) F, S.** A study of characteristics of children from before birth to the middle grades. Ways for teachers and other caregivers to respond to their needs and learning styles. Fifteen clock hours of clinical experience in preschool through primary level classrooms.

3000. ELE **Instructional Strategies for the Elementary Classroom. (3-3-4).** Topics include instructional strategies, models for classroom management and discipline, parent-school community involvement, and school law. Forty-five clock hours of field-based activities primarily in reading and language arts. Prerequisites: Concurrent enrollment in Elementary Education 3280 and Elementary Education 3350, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

3250. ELE **Facilitating Learning in Early Childhood Programs. (3-1-3) F, S.** Nature of learning in the preschool and primary levels. Specialized instruction, learning centers, individualization, educational play, and utilization of media in the curriculum. Fifteen clock hours of clinical experience at the preschool/kindergarten/primary level. Prerequisite: Elementary Education 2321, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

3280. ELE **Developmental Reading in the Elementary School. (3-0-3)** The instructional program in reading from kindergarten through grade six; goals, methods, and materials with emphasis on basal reader approaches. Field-based activities will be provided in conjunction with Elementary Education 3000. Prerequisites: Concurrent enrollment in Elementary Education 3000 and Elementary Education 3350, or Middle Level Education 3110, or permission of department chair.

3281. ELE **Developmental Reading in Early Childhood. (3-1-3) F, S.** Strategies and materials for teaching reading in preschool and primary grades. Emphasis on readiness, diagnostic procedures, individualization, evaluation, and reading interests. Fifteen clock hours of participation in primary grades. Prerequisite: Elementary Education 3250 or concurrent enrollment therein.

3290. ELE **Science in the Elementary School. (3-0-3)** Exploration of the nature, processes, and products of science and their relationships to society, the world, and the school curriculum. Field-based experiences will be in conjunction with Elementary Education 4000. Prerequisites: Concurrent enrollment in Elementary Education 3340 and Elementary Education 4880, or permission of department chair.

3340. ELE **Social Studies for Elementary School Children. (3-0-3)** Planning and organizing for instruction; material selection; and evaluation in social studies. Field-based activities will be provided in conjunction with Elementary Education 4000. Prerequisites: Elementary Education 3000; and concurrent enrollment in Elementary Education 3290, Elementary Education 4000, and Elementary Education 4880, or permission of department chair.

3350. ELE **Language Arts in the Elementary School. (2-0-2)** Objectives, research, teaching methods, and materials for teaching and evaluating the language arts. Field-based activities will be provided in conjunction with Elementary Education 3000.

Prerequisites: Concurrent enrollment in Elementary Education 3280 and Elementary Education 3000, or permission of department chair.

3970. ELE **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. ELE **Practicum in Elementary Curriculum and Instruction. (0-3-1).** Supervised elementary school clinical experiences with emphasis on the curriculum and instructional aspects of science, social studies, and diagnostic/prescriptive reading. Forty-five hours of classroom participation/preparation. Prerequisite: Concurrent enrollment in one or more of Elementary Education 3290, 3340, 4880, or permission of department chair. Course may be taken twice with permission of the department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

4741. ELE **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4770. ELE **Methods and Curriculum in the Primary Grades. (3-0-3) F, S.** Study of curriculum and techniques for teaching mathematics, science, and social studies in the primary grades. Planning lessons and units of instruction. Prerequisite: Elementary Education 3250.

4775. ELE **Language and Language Arts in Early Childhood. (3-0-3) F, S.** Normal language development in the young child. Techniques for specific language art skills in pre-school and primary teaching. Assessment of pupil growth and achievement in language.

4776. ELE **Early Childhood Education: History and Philosophy. (3-0-3) F, S.** The history and philosophy of early childhood education. Historical and contemporary models, social policy, and philosophical issues. Prerequisite: Eight semester hours in education and psychology.

4780. ELE **Studies in Education. (Arr.-Arr.-1-3) On demand.** Issues in education, student activities, curriculum, guidance, and evaluation. May be repeated for a maximum of six semester hours. Prerequisite: Eight semester hours in education and psychology.

4880. ELE **Diagnostic-Prescriptive Reading Instruction. (3-0-3)** Diagnostic procedures and materials in reading for teachers in self-contained and departmentalized classrooms from kindergarten through junior high school. Field-based experiences. Prerequisites: Elementary Education 3281 for Early Childhood Option; Elementary Education 3280 for General and Middle School options; concurrent enrollment in Elementary Education 3290 and 3340, or permission of department chairperson.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

ENGLISH

Note: A student who enters the University with a deficiency in the basic skills in English-- reading, writing, spelling, elements of grammar and good usage-- may be required to take work in fundamental English in addition to the English 1001C and 1002C requirements.

Note: Students who intend to teach should realize that some school systems require of candidates for English positions a course in the teaching of reading. See Middle Level Education 4280.

Note: Except for English 3009C and 3099C, English courses in the General Education core do not fulfill requirements in the English major or minors.

Note: Courses in English are grouped for curriculum selection as follows (the Groups are further indicated by numbers at the end of the course descriptions):

Group 1–
Required Courses: 2205, 2601, 2901* or 3901 or 4901, 3001, 3401*,3402*, 4300, 4390**, 4644**, 4950

Group 2–
Literary/Cultural Studies: 2602, 2692, 2705, 2850, 3009C, 3099C, 3903

Group 3–
Periods: English Literature before 1660: 3800, 3801, 3802, 3803, 3804, 3892

Group 4–
Periods: English Literature after 1660: 3805, 3806, 3807, 3808

Group 5–
Periods: American Literature: 3700, 3701, 3702, 3703

Group 6–
Special Areas, Topics and Studies: 2003, 2005, 2007, 2603, 3005, 3405, 3504, 3600, 3601, 3604, 3606, 3970, 4275, 4750, 4752, 4760, 4762, 4763, 4764, 4775, 4850, 4903, 4905, 4906

*Required for Teacher Certification
**Required of Honors students only

Undergraduate Courses

0990. ENG **English as a Second Language I. (3-3-4) F, S. (Credit/No Credit. Does not count toward graduation. Does not count in cumulative grade point average.)** For students whose native language is not English. Basic review of oral and reading comprehension and expression, including basic vocabulary, sentence structure, and usage; basic oral skills in a cultural context. Prerequisite: Test of English as a Foreign Language (TOEFL) score of 500 minimum or certification at English Language Schools Level 9.

0995. ENG **English as a Second Language II. (3-2-4) F, S. (Credit/No Credit: Does not count toward graduation. Does not count in cumulative grade-point average.)** For students whose native language is not English. Advanced review of Standard English usage, vocabulary, sentence structure, and paragraphing; introduction to theme writing; some work on oral skills in a cultural context. Prerequisite: English 0990 or Test of English as a Foreign Language (TOEFL) score of 550 minimum or certification at English Language Schools Level 9 with certification of proficiency.

1000. ENG **Fundamental English. (3-0-2) (Credit/No Credit: Does not count toward graduation. Does not count in cumulative grade-point average.)** Basic review of grammar, punctuation, and spelling; writing of sentences and paragraphs. Required of students who do not meet the prerequisites for English 1001C.

1001C. ENG LG **Composition and Language. (3-0-3) Graded (A, B, C, N/C)** A course in the reading and writing of expressive, expository, and persuasive essays. Attention is given to effective expression, clear structure, adequate development, and documentation of sources. Prerequisite: English 1000 or proficiency in basic skills as determined by the English Department.

1002C. ENG LG **Composition and Literature. (3-0-3) Graded (A, B, C, N/C)** A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisite: English 1001C.

1091C. ENG LG **Composition and Language, Honors. (3-0-3) F. Graded (A, B, C, N/C) .** A course in the reading and writing of expressive, expository, and persuasive essays. Attention is given to effective expression, clear structure, adequate development, and documentation of sources. Prerequisite: Admission to the University Honors Program.

1092C. ENG LG **Composition and Literature, Honors. (3-0-3) S. Graded (A, B, C, N/C)** A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisites: English 1001C or 1091C and admission to the University Honors Program.

1099. ENG **Introduction to the Microcomputer. (2-1-2) F, S.** An introduction to microcomputers and their applications, including word processing and minimum-level programming in Basic. Credit not granted to students who have credit in another college-level computing course.

2003. ENG **Creative Writing: Poetry. (3-0-3) F.** An introduction to the reading and writing of poetry, with class time devoted to various principles of the genre through writing exercises and workshop discussion. Prerequisite: English 1002C. (Group 6)

2005. ENG **Creative Writing: Drama. (3-0-3) S.** An introduction to the reading and writing of dramatic scenes for radio, theatre, TV, and film with class time devoted to various principles common to all dramatic writing through writing exercises and workshop discussion. Prerequisite: English 1002C. (Group 6)

2007. ENG **Creative Writing: Fiction. (3-0-3) F.** An introduction to the reading and writing of fiction with class time devoted to various principles of the genre through writing exercises and workshop discussion. Prerequisite: English 1002C. (Group 6)

2009C. ENG PL **Literature and Human Values 1, 2, 3, 4. (3-0-3) F. S.** A study of some of the universal, recurring issues facing the individual as they are dealt with in a selection of literary texts in English, including significant representation of third world texts. (1. Labor, Class, Power; 2. Faith, Survival, Progress; 3. Love, Hate, Obsession; 4. Race, Age, Gender.) Prerequisite: English 1002C.

2011C. ENG PL **Literature, the Self and the World 1, 2, 3. (3-0-3) F, S.** An in-depth study of significant works of literature from diverse times and places and of the ways in which they depict possibilities of meaning, identity, and action in the world. (1: Poetry; 2: Fiction; 3: Drama.) Prerequisite: English 1002C.

2091C. ENG PL **Literature, the Self, and the World 1, 2, 3, Honors. (3-0-3) On demand.** An in-depth study of significant works of literature in English from diverse times and places and of the ways in which they depict possibilities of meaning, identity, and action in the world. (1: Poetry; 2: Fiction; 3: Drama.) Prerequisites: English 1002C or 1092C and admission to the University Honors Program.

2099C. ENG PL **Literature and Human Values 1, 2, 3, 4, Honors. (3-0-3) On demand.** A study of some of the universal, recurring issues facing the individual, as they are dealt with in a selection of literary texts in English, including significant representation of third world texts. (1. Labor, Class, Power; 2. Faith, Survival, Progress; 3. Love, Hate, Obsession; 4. Race, Age, Gender.) Prerequisites: English 1002C or 1092C and admission to the University Honors Program.

2205. ENG **Introduction to Literary Studies. (3-0-3) F, S.** A study of fundamental issues underlying literary criticism and interpretation focusing on literary works, diverse critical practices, and historical backgrounds of critical strategies. Required of English Majors, open to others. Prerequisite: English 1002C. (Group 1)

2601. ENG **Backgrounds of Western Literature. (3-0-3) F, S.** A reading of major world masterpieces through the Renaissance, works that lie behind literature in English, by such writers as Homer, Sappho, Sophocles, Plato, Virgil, Ovid, Chretien de Troyes, Dante, Rabelais, Cervantes. Required of English majors, open to others. Prerequisite: English 1002C. (Group 1)

2602. ENG **World Literature since the Renaissance. (3-0-3) S.** Emphasis on such writers as Racine, Voltaire, Goethe, Sand, Baudelaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Borges, Garcia Marquez, Achebe, Soyinka. Prerequisite: English 1002C. (Group 2)

2603. ENG **Mythology. (3-0-3) F, S.** The myths, chiefly Greek and Roman, most often retold, interpreted, or alluded to by the writers and literary critics of Western Europe and America. Prerequisite: English 1002C. (Group 6)

2692. ENG **World Literature since the Renaissance, Honors. (3-0-3) On demand.** Emphasis on such writers as Racine, Voltaire, Goethe, Sand, Baudelaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Borges, Garcia Marquez, Achebe, Soyinka. Prerequisites: English 1002C or 1092C and admission to the University Honors Program. (Group 2)

2705. ENG **African-American Literature. (3-0-3) F.** The major writers of African-American literature, with emphasis on such writers as Douglass, Hurston, Hughes, Wright, Ellison, Baldwin, Baraka, Morrison, Walker, Wilson. Prerequisite: English 1002C. (Group 2)

2850. ENG **Post-Colonial Literatures in English. (3-0-3) F.** Introduction to African, Indian and West Indian literatures in their socio-cultural and historical contexts; examination of concepts of culture, civilization, colonization and independence; English as a global language, including such authors as Achebe, Gordimer, Naipaul, Narayan and Rushdie. Prerequisite: English 1002C. (Group 2)

2901. ENG **Structure of English. (3-0-3) F, S.** An introduction to the English language: its sounds and word forms, the parts of speech and their functions, basic sentence structures and their diagrams, stylistic patterns, standard and nonstandard dialects, viewed according to traditional and modern grammars. Prerequisite: English 1002C. (Group 1)

3001. ENG **Advanced Composition. (3-0-3)** Advanced application of the principles of expository writing. Attention to development of an individual style. Required of English majors, open to others. Prerequisite: English 1002C. (Group 1)

3005. ENG **Technical Report Writing. (3-0-3) F, S.** Practice and instruction in the forms and processes of technical report writing. Designed especially for those who plan to work for business, professional, or technical organizations or in the field of technical communications. Basic wordprocessing skills recommended. Prerequisite: English 1002C. (Group 6)

3009C. ENG PL **Myth and Culture. (3-0-3) F, S.** Through comparative analysis of myths from selected cultural traditions, the course will examine relationships among mythical, historical, anthropological and scientific ways of understanding. Prerequisite: English 1002C. (Group 2)

3010C. ENG PL **Literary Masterworks. (3-0-3) F, S.** An analysis of selected masterworks from the Western cultural tradition that shape for us the identity of the culture and period to which they belong and that represent the great diversity within the tradition. Prerequisite: English 1002C.

3090C. ENG PL **Literary Masterworks, Honors. (3-0-3) On demand.** An analysis of selected masterworks from the Western cultural tradition that shape for us the identity of the culture and period to which they belong and that represent the great diversity within the tradition. Prerequisites: English 1002C or 1092C and admission to the University Honors Program.

3099C. ENG PL **Myth and Culture, Honors. (3-0-3) On demand.** Through comparative analysis of myths from selected cultural traditions the course will examine relationships among mythical, historical, anthropological, and scientific ways of understanding. Prerequisites: English 1002C or 1092C and admission to the University Honors Program. (Group 2)

3100C. ENG/ PHI FC **Cultural Foundations I. (3-0-3) F, S.** An in-depth look at three cultural foundations, two Western and one African. The course examines societies and values by exploring primary texts in literature, philosophy, and religion. Prerequisite: English 1002C.

3110C. ENG/ PHI FC **Cultural Foundations II. (3-0-3) S.** An in-depth look at three significant Eastern cultural foundations. The course examines societies and values by exploring primary texts in literature, philosophy and religion. Prerequisite: English 1002C.

3401. ENG **Methods of Teaching Composition in the Secondary School.(3-0-3) F, S.** Approaches to the teaching of composition in junior and senior high school. Electronic interaction with secondary student writers fulfills 10 hours of site-based and 10 hours of laboratory pre-clinical experience. Prerequisites: ENG 2901, 3001; SED 3330 and EDP 3325; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1)

3402. ENG **Methods of Teaching Literature in the Secondary School. (3-0-3) F,S.** Approaches to the teaching of literature in junior and senior high school. Includes 5 on-site hours and 10 laboratory hours of pre-clinical experience. Prerequisites: ENG 1002C, EDP 3325, and SED 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1)

3405. ENG **Children's Literature. (3-0-3) F, S.** Emphasizes wide acquaintance with the great bodies of world literature, myth, legend, etc., and with the best poetry for children. Prerequisite: English 1002C. (Group 6)

3504. ENG **Film and Literature. (2-2-3) F, S.** Practical and theoretical relations between film and literature. May be taken as many as three times with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

3600. ENG **The Bible as Literature. (3-0-3) S.** Types of literature in the Old and New Testaments. Prerequisite: English 1002C. (Group 6)

3601. ENG **Studies in Major Figures. (3-0-3) On demand.** Studies in-depth of major figures in British, American, and world literature with no more than three figures studied in any one semester. Topics to be announced. May be taken as many as three times with permission of the department chairperson and the Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

3604. ENG **Special Topics in Literature. (3-0-3) On demand.** Special topics in British, American, and world literature not ordinarily treated in standard courses. Topics to be announced. May be taken as many as three times with permission of the department chairperson and the Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

3606. ENG **Modern Drama. (3-0-3) F.** Analysis and discussion of drama from Ibsen to the present, emphasizing major theatrical developments and including such authors as Chekhov, Shaw, O'Neill, Brecht, Hansberry, Pinter, and Churchill. Prerequisite: English 1002C. (Group 6)

3700. ENG **Colonial American Literature. (3-0-3) F.** American literature from 1450 to 1830, with emphasis on such writers as Bradford, Bradstreet, Rowlandson, Franklin; also slave narratives and Native American poetry. Prerequisite: English 1002C. (Group 5)

3701. ENG **American Romanticism. (3-0-3) S.** American literature from 1830 to 1865, with emphasis on such writers as Rowson, Brown, Stowe, Fuller, Douglass, Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Dickinson. Prerequisite: English 1002C. (Group 5)

3702. ENG **American Realism. (3-0-3) F.** American literature from 1865-1920, with emphasis on such writers as Davis, Twain, Howells, James, Gilman, Chopin, Jewett, Crane, Dreiser, Wharton, Frost, Cather. Prerequisite: English 1002C. (Group 5)

3703. ENG **Modern American Literature. (3-0-3) S.** Representative works, with primary attention to such writers as Hemingway, Eliot, Stevens, W.C. Williams, Moore, Faulkner, O'Neill, Ellison, Bellow, Morrison. Prerequisite: English 1002C. (Group 5)

3800. ENG **Medieval English Literature. (3-0-3) F.** A survey of representative medieval texts with an emphasis on Middle English. Prerequisite: English 1002C. (Group 3)

3801. ENG **Chaucer. (3-0-3) S.** Study of *The Canterbury Tales* and Chaucer's other major works of poetry and prose. Prerequisite: English 1002C. (Group 3)

3802. ENG **Shakespeare. (3-0-3) S.** A study of representative comedies, histories, tragedies, romances. Prerequisite: English 1002C. (Group 3)

3803. ENG **Renaissance and Seventeenth-Century Literature. (3-0-3) S.** A broad survey of representative non-Shakespearean literature of the English Renaissance to 1660, with primary attention to such writers as More, Sidney, Spenser, Kyd, Marlowe, Donne, Jonson, Bacon, Webster, Herbert, Marvell, Browne, Phillips, Wroth. Prerequisite: English 1002C. (Group 3)

3804. ENG **Milton. (3-0-3) F.** Study of *Paradise Lost* and Milton's other major works of poetry and prose. Prerequisite: English 1002C. (Group 3)

3805. ENG **Restoration and Eighteenth-Century English Literature. (3-0-3) F.** Selected works with primary attention to such writers as Wycherley, Behn, Rochester, Dryden, Swift, Pope, Fielding, Sterne, Johnson, Goldsmith, Gray, Burney, Sheridan. Prerequisite: English 1002C. (Group 4)

3806. ENG **English Romantic Literature. (3-0-3) F.** Precursors of English Romanticism and such writers as Blake, Wordsworth, Coleridge, Austen, Byron, P.B. Shelley, M. Shelley, Keats. Prerequisite: English 1002C. (Group 4)

3807. ENG **Victorian Literature. (3-0-3) S.** Representative works, with primary attention to such writers as Carlyle, E.B. Browning, Tennyson, R. Browning, C. Bronte, Dickens, Eliot, Arnold, Hardy. Prerequisite: English 1002C. (Group 4)

3808. ENG **Twentieth-Century British Literature. (3-0-3) S.** Representative works with primary attention to such writers as Shaw, Conrad, Joyce, Yeats, Woolf, Lawrence, Mansfield, Thomas, Lessing, Rushdie. Prerequisite: English 1002C. (Group 4)

3892. ENG **Shakespeare, Honors. (3-0-3) On demand.** A study of representative comedies, histories, tragedies, romances. Prerequisites: English 1002C and admission to the Departmental Honors Program or permission of the Department chairperson. (Group 3)

3901. ENG **Language and Linguistics. (3-0-3) S.** A study of kinds of language and linguistic approaches: phonological, syntactic, and semantic analysis; historical, geographic, and social variation; human and non-human language systems. Prerequisite: English 1002C. (Group 1)

3903. ENG **Women, Literature, and Languages. (3-0-3) On demand.** Special topics, not ordinarily treated in standard courses, in the role of women in literature and in the use of language. Topics to be announced. May be taken as many as three times with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 2)

3970. ENG **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. ENG **Internship in English. (Arr.-Arr.-4) (Credit/No Credit).** Practical experience in the local community to allow the student to apply and develop, outside the traditional classroom, the skills learned in English courses. Prerequisites: English 1002C and permission of the Director of the Internship. (Group 6)

4300. ENG **Senior Seminar. (3-0-3) F, S.** Major topics in British, American, and world literature and language, with topics varying each semester. Topics to be announced. Required of and enrollment limited to English majors. Prerequisite: English 1002C. (Group 1)

4390. ENG **Senior Seminar, Honors. (3-0-3) F.** Major topics in British, American, and world literature and language, with varying topics to be announced. Required of and enrollment limited to English majors in the Departmental Honors Program. Prerequisites: Admission to the Departmental Honors Program, senior standing, and permission of the Departmental Honors Coordinator. (Group 1)

4644. ENG **Honors Thesis. (3-0-3)** Intensive research in preparation of a thesis on a topic in English approved by a faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. (Group 1)

Courses Open to Juniors, Seniors, and Graduate Students

4750. ENG **Studies in African-American Literature. (3-0-3) S.** Study in-depth of various genres, movements, periods, and major writers in African-American literature. Only one genre, movement, or period or only two or three major writers will be studied during any semester. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

4752. ENG **Studies in Drama. (3-0-3) S.** In-depth study of major periods, subgenres, movements, or writers important in understanding dramatic literature and performance. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

4760. ENG **Writing for the Professions. (3-0-3) F.** Intensive application of principles of technical writing for professional publication and communication. Designed especially to serve the needs of pre-professional and graduate students. Prerequisite: English 1002C. (Group 6)

4762. ENG **Poetry Writing. (3-0-3) S.** Extensive practice in the writing and revising of poetry, with an emphasis on the development of the student's individual style. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: English 1002C and 2003 or, with permission of instructor, 2005 or 2007. (Group 6)

4763. ENG **Fiction Writing. (3-0-3) S.** Extensive practice in the writing and revising of prose fiction, with an emphasis on the development of the student's personal style. Each student will have the option of writing several short stories or one novella. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: English 1002C and 2007 or, with permission of instructor, 2003 or 2005. (Group 6)

4764. ENG **Play Writing. (3-0-3) F.** Advanced practice and instruction in dramatic writing. Though the course will review the basic elements common to all dramatic writing, it will allow the students to concentrate on the media of their choice: radio, theatre, TV, or film. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: English 1002C and 2005 or, with permission of instructor, 2003 or 2007. (Group 6)

4775. ENG **Studies in Literary Criticism. (3-0-3) F.** Basic principles of evaluating the standard literary genres, or tenets of a specific school of criticism, or the examination of major aesthetic questions. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

4850. ENG **Studies in Third World Literatures. (3-0-3) S.** Focused study of major region, theme or writers in nonwestern or third world literatures. Readings are studied in their socio-cultural and historical contexts. May be taken twice with permission of the Department chairperson and the Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

4901. ENG **History of the English Language. (3-0-3) F.** Historical, geographic, and social dialects of English; phonological changes and other alterations in the structure and vocabulary of the English language. Prerequisite: English 1002C. (Group 1)

4903. ENG **The Literature of Adolescence. (3-0-3) S.** A course in literature written for and about adolescents. The course emphasizes cultural history of adolescence and problems of defining the literature. Prerequisite: English 1002C. (Group 6)

4905. ENG **Studies in Children's Literature. (3-0-3) On demand.** Studies in-depth of some aspect of children's literature. Topics to be announced. May be taken twice with permission of the department chairperson and the Dean, College of Arts and Humanities. Prerequisite: English 1002C. (Group 6)

4906. ENG **Problems in the Teaching of English. (3-0-3) On demand.** Advanced methods course on various topics, such as the teaching of composition, the teaching of literature, the teaching of language. Topics to be announced. May be taken twice with permission of the department chairperson and Dean, College of Arts and Humanities. Prerequisites: English 1002C and 3401 or 3402 or permission of the instructor. (Group 6)

4950. ENG **Literary History and Bibliography. (3-0-3) F, S.** A historical study of British and American literary periods, schools, figures, and genres; and a basic introduction to research and bibliography. Required of and enrollment limited to English majors. Prerequisite: English 1002C. (Group 1)

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

ENVIRONMENTAL BIOLOGY

Undergraduate Courses

3010C. EVB BS **Environmental Life Science. (3-0-3)** A study of the interrelationships of the living and non-living components of the environment, the ecology of humankind, and the interaction of humans with the environment. The course emphasizes current environmental issues and possible solutions and courses of action.

3090C. EVB BS **Environmental Life Science, Honors. (4-0-4) On demand.** A study of the interrelationships of the living and non-living components of the environment, the ecology of humankind, and the interaction of humans with the environment. The course emphasizes current environmental issues and possible solutions and courses of action. Prerequisite: Admission to the University Honors Program. Not open to students with majors or minors in the biological sciences.

4275. EVB **Internship in Environmental Biology. (Arr.-Arr.-12) (Credit/No Credit)** Twelve semester hours required for major in environmental biology. Employment experience in one or more phases of environmental work for one semester with an agency or firm approved by the Coordinator of Interns. A formal written report of the internship experience is required. Prerequisites: At least 90 semester hours of work in Environmental Biology, Botany or Zoology programs; completion of at least one advanced ecology course; minimum cumulative GPA or major GPA of 2.25; approval of the Coordinator of Interns.

4400. EVB **Independent Study. (Arr.-Arr.-1 to 3)** An outline of the proposed work must be approved by the instructor and the chair of the Environmental Biology Studies Committee, prior to registration. Prerequisites: Minimum GPA of 2.50; junior standing in Environmental Biology. May be taken for a maximum of three semester hours.

4490. EVB **Seminar in Environmental Biology. (0-2-1)** A discussion of contemporary problems in environmental biology and their possible solutions. Such topics as air pollution and waste reclamation will be discussed. Prerequisites: Nine semester hours in environmental biology, biological sciences, botany and/or zoology.

Courses Open to Juniors, Seniors, and Graduate Students

4820. EVB **Techniques in Water Analysis. (0-4-2) F.** Laboratory techniques in water and wastewater analysis with particular emphasis on laboratory quality control procedures and standard methods. Prerequisites: Sixteen semester hours of coursework in the life sciences; one year of college chemistry; Chemistry 2720 strongly recommended.

4840. EVB **Ecotoxicology and Biological Monitoring of Pollution. (2-3-3) F.** Characterization of pollutants and their qualitative and quantitative effects on biota. Includes laboratory investigation of biological and ecotoxicological effects of pollution. Prerequisites: Twelve semester hours in the life sciences and one year of college chemistry.

4903. EVB **Study of Biotic Communities. (2-Arr.-3) S-odd-numbered years or on demand.** The study of selected biotic communities in Illinois and surrounding states. Prerequisites: Major in Botany, Zoology, or Environmental Biology; six semester hours in botany and six semester hours in zoology, including Botany 4811 or Zoology 3010; or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

FAMILY AND CONSUMER SCIENCES

Undergraduate Courses

1120. FCS **Food Selection and Preparation. (2-2-3) F, S.** Food selection considerations and basic food preparation practices.

1121. FCS **Food Service Sanitation. (1-0-1) F, S.** Food production and food service sanitation and safety standards and regulations for food service operations including food storage, food handling practices and foodborne illnesses.

1800. FCS **Life Span Human Development. (3-0-3) F, S.** Growth and development of the individual from conception through senescence. Influence of family and society on individual development in each stage of the life cycle.

2231. FCS **Sociology of Clothing. (3-0-3) F.** Significance of sociological and psychological reasons for clothing selection; political and economic trends affecting clothing.

2232. FCS **Historic Costume and Fashion Analysis. (3-0-3) S.** A historic and current study of fashion; the production and distribution of fashion goods.

2233. FCS **Fashion Distribution Systems. (3-0-3) F.** Analysis of businesses that distribute and sell both hard and soft lines of fashion goods; emphasis on identification of target customers, organizational structure, promotional activities, and human resource considerations for these types of businesses.

2234. FCS **Principles of Clothing Construction. (0-6-3) F, S.** A study of basic principles of clothing construction processes.

2244. FCS **Consumer Textile Products. (2-0-2) F, S.** A study of family clothing and common household and commercial textile products as they relate to the consumer.

2250. FCS **Residential and Commercial Equipment. (3-0-3) F, S.** Effective selection, utilization, and maintenance of equipment for users within residential and institutional environments; impact of technology, changing lifestyles, environmental factors, industry activities, and economic issues within the global community.

2270. FCS **Housing. (3-0-3) F, S.** Effect of housing on individuals and families; emphasis on housing selection as determined by needs, resources, legal, and financial aspects.

2472C. FCS WB **Nutrition and Well-Being. (3-0-3)** Relationship of nutrition to well-being. Emphasis on the physiological, socioeconomic, psychological, and political factors influencing food behavior and

nutrient intake. Evaluation of current nutrition information by application of basic nutrition principles and scientific reasoning. Analysis of individual as well as group food intake.

2492C. FCS WB **Nutrition and Well-Being, Honors. (3-0-3) On demand.** Relationship of nutrition to well-being. Emphasis on the physiological, socioeconomic, psychological, and political factors influencing food behavior and nutrient intake. Evaluation of current nutrition information by application of basic nutrition principles and scientific reasoning. Analysis of individual as well as group food intake. Prerequisites: English 1002C and admission to the University Honors Program.

2800. FCS **Family Relationships. (3-0-3) F, S.** Study of the family as the basic unit of society; personal relationships, and family interaction throughout the family life cycle.

2831. FCS **Women in Contemporary Society. (3-0-3) F, S.** An interdisciplinary study of the emergence of women as a viable force in contemporary society.

2850. FCS **Child Development. (3-0-3) F, S.** The physical, intellectual, social, and emotional development of the pre-school child.

3120. FCS **Food Science. (2-4-4) S.** Scientific principles underlying food preparation and processing; principles of experimental methodology as applied to food science. Prerequisites: Family and Consumer Sciences 1120 and either Chemistry (1300, 1315) or (1310 and 1315), or 1040C; Chemistry 3430 for the Dietetics option.

3140. FCS **Family Food Management. (1-4-3) F.** Application of principles of food preparation and food management to the planning, preparation, and service of food for individuals and families. Prerequisites: Family and Consumer Sciences 1120 and 2472C.

3151. FCS **Nutrition Education. (3-0-3) F.** Factors influencing human nutrition needs and eating patterns; related instructional techniques in hospital, community service, and business settings. Prerequisite: Family and Consumer Sciences 2472C.

3233. FCS **Fashion Buying. (3-0-3) S.** Analysis of the buying of fashion in the areas of clothing and home furnishings. Emphasis on decision-making applications to merchandise assortment, pricing, inventory control, and profit. Prerequisites: Family and Consumer Sciences 2233 and Accounting 2100.

3237. FCS **Tailoring. (0-6-3) F.** Fabric selection and techniques used in the tailoring of a suit or coat. Prerequisites: Family and Consumer Sciences 2234, 3235, or permission of the instructor.

3245. FCS **Textiles. (3-0-3) S.** An introduction to the study of fibers, methods of fabricating textiles, and finishes on the market. Prerequisite: Family and Consumer Sciences 2244.

3280. FCS **Interior Design. (3-0-3) F, S.** Study of design, construction, selection, and arrangement of furnishings for residential spaces considering different life styles.

3300. FCS **Consumer Education. (3-0-3) F, S.** A study of factors affecting the buymanship of food, clothing, housing, transportation, credit, and insurance. Credit not granted for both Family and Consumer Sciences 3300 and Business Education 3000.

3307. FCS **Family Resource Management. (3-0-3) F, S.** A study of planning, guiding, and directing the use of human and material resources toward individual and family goal achievement.

3400. FCS **Methods of Teaching Family and Consumer Sciences. (4-0-4) S.** The principles of teaching applied to family and consumer sciences with particular emphasis on curriculum development.

3750. FCS **Independent Study in Family and Consumer Sciences. (Arr.-Arr.-3)** Provides opportunity for in-depth study of family and consumer sciences subjects for which there is not an established course. May be taken for credit only once. Prerequisites: Prior approval by the instructor and the chair.

3790. FCS **Hospitality Services Industry. (3-0-3) F.** Overview of the hospitality industry with focus on career opportunities, organizational structures in various types of hospitality services, human relationship skills needed for success in hospitality services, and establishing and maintaining standards.

3796. FCS **Hospitality Services Operations. (3-0-3) S.** Operational aspects of hospitality services including front office; food services; purchasing of food, beverages, other commodities, and equipment; services; and professional housekeeping procedures. Prerequisites: Family and Consumer Sciences 1120, 2472C, 3790.

3800. FCS **Family Life and Sex Education. (3-0-3) F, S.** To prepare professionals such as family service personnel, educators, and parents to work with individuals and families at various stages in /the family life cycle in the area of family life and sex education.

3820. FCS **The Family in Social Change. (2-0-2) F.** The study of social change in the family and recent trends in family life and family life education. Prerequisite: Family and Consumer Sciences 2800 or permission of the instructor.

3853. FCS **Practicum in Child Development. (1-4-3) F, S.** A laboratory experience focused on the physical, emotional, social, and cognitive development of the preschool child. Includes program organization for pre-school children, child and group guidance, parent-teacher relationships, naturalistic observation, and child study. Prerequisite: Family and Consumer Sciences 2850 or Elementary Education 2320 or 2321 or Psychology 3515 or permission of the instructor.

3920. FCS **Communications in Family and Consumer Sciences.(2-0-2) S.** Techniques and skills in communicating family and consumer sciences ideas, attitudes, and subject matter with individuals and groups.

3926. FCS **Consumer Presentation Techniques. (3-0-3) F, S.** Development of visual merchandising techniques, production of written and verbal information materials for consumers, and presentation techniques. Prerequisites: Family and Consumer Sciences 3920 and junior standing, or consent of the instructor.

4140. FCS **Institutional Food Management. (2-2-3) F, S.** Practice in quantity food production; menu planning; recipe standardization; and management of time, motion, and materials. Prerequisites: Family and Consumer Sciences 1120 and 2472C.

4230. FCS **Special Topics in Family and Consumer Sciences. (1-0-1) or (2-0-2) or (3-0-3) On demand, primarily summer.** Study of special topics and emerging areas in family and consumer sciences not usually covered in other courses. Study may include readings, reports, and group discussions. May be repeated for credit if a different topic is taught. Prerequisite: Permission of the instructor.

4238. FCS **Principles of Pattern Design. (0-6-3) S.** Principles of designing clothing and the translation of these designs into an original pattern. Prerequisite: Family and Consumer Sciences 3235 or permission of the instructor.

4274. FCS **Orientation to Internship. (1-0-1) (Credit/No Credit) F, S.** Preparation for the internship experience; includes pre-field preparation and securing of an internship placement.

4275. FCS **Internship. (Arr.-Arr.-3 to 9) (Credit/No Credit)** An individually-planned work experience in a business or agency appropriate to the student's area of specialization. Prerequisites: Family and Consumer Sciences 4274, junior standing, permission of the Chair of the School of Family and Consumer Sciences, and acceptance of the student by a business or agency.

4300. FCS **Consumer Issues. (2-0-2) F, S.** Current issues and problems confronting families in managing their resources with special emphasis on energy conservation.

4345. FCS **Hospitality Services Administration. (3-0-3) S.** Consideration of leadership styles and communication behaviors, staffing, program planning, facilities planning, energy management, and future trends in the hospitality industry. Prerequisites: Family and Consumer Sciences 3796 and 4275; Marketing 3470, and senior standing.

4400. FCS **Directions in Family and Consumer Sciences. (2-0-2) F.** Philosophy, current issues and trends, and research in family and consumer sciences. Prerequisite: Six hours of Family and Consumer Sciences.

4444. FCS **Honors Independent Study. (Arr.- Arr.-3)** Consideration of special topics in family and consumer sciences. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4555. FCS **Honors Research. (Arr.-Arr.-3)** In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644. FCS **Honors Thesis. (Arr.-Arr.-3)** Intensive research in preparation of a thesis on a topic in family and consumer sciences approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750. FCS **Advanced Human Nutrition. (3-0-3) S.** Emphasis on biochemical function of essential nutrients in the study of human nutrition. Prerequisites: Chemistry (1300, 1315) or (1310, 1315) and Chemistry 1410C, 1415C, 3430, 3435, and 3450; Family and Consumer Sciences 2472C and 3755; and Zoology 2001C; or permission of instructor.

4751. FCS **Nutrition Therapy. (4-0-4) F.** Application of the science of nutrition to the maintenance of optimum health and the role of nutrition in the prevention and treatment of disease. Prerequisites: Family and Consumer Sciences 2472C and 3755, Chemistry (1300, 1315) or (1310, 1315) and Chemistry 1410C, 1415C, 3430, and 3435.

4753. FCS **Nutrition and the Addicted Person. (1-0-1) S.** Consideration of nutrition needs and eating problems of addicted persons; nutrition management and treatment plans. Prerequisite: Family and Consumer Sciences 2472C.

4755. FCS **Nutrition for Physical Performance. (3-0-3) F, S.** Examination of metabolism and energy systems related to physical performance. Planning optimum diets for performance. Examine/evaluate controversial practices that may influence metabolism and performance. Prerequisites: Family and Consumer Sciences 2472C and Zoology 2001C.

4770. FCS **Consumer Decisions in the Marketplace. (3-0-3) F.** Use of personal and family resources to improve consumer decision-making including discussion of government and business influences. Prerequisite: Family and Consumer Sciences 3300 or permission of the instructor.

4780. FCS **Living Environments. (3-0-3) S.** Planning living spaces for families considering environment, design, space, and materials in relation to family needs and resources. Prerequisite: Family and Consumer Sciences 2270 or permission of the instructor.

4790. FCS **Interior Design Practices. (3-0-3) F.** Creating interior spaces considering style, materials, presentation techniques, and the design process. Prerequisite: Family and Consumer Sciences 3280 or permission of the instructor.

4820. FCS **Death and Dying. (3-0-3) F, S.** Issues of death and dying and their implications for individuals and their families.

4840. FCS **The Disadvantaged Family. (3-0-3) S.** Low income and minority group families and their values, needs, problems, and practices. Prerequisite: Family and Consumer Sciences 2800 or permission of the instructor.

4845. FCS **The Family in Crisis. (3-0-3) F.** In-depth study of major crisis situations faced by families. Some emphasis on resources that offer help to families faced with crisis situations. Prerequisite: Family and Consumer Sciences 2800 or permission of the instructor.

4846. FCS **Aging and the Family. (3-0-3) F.** Aging as a phase in the family developmental process and the consequent effect. Prerequisite: Family and Consumer Sciences 2800 or permission of the instructor.

4851. FCS **Infant Development. (2-2-3) F.** Study of current theories and research on infant and toddler development and care. Application of knowledge through supervised observation and participation in Family and Consumer Sciences Infant Development Laboratory.

4854. FCS **Parent-Child Study and Community Involvement. (3-0-3) S.** Detailed study of parent-child interaction and community involvement; in-depth study of parent education programs, methodology, and techniques. Observations required.

4859. FCS **Administration of Child Care Programs. (3-0-3) F.** Organization, administration, curricula, facilities, licensing, parent involvement/education, and types of child care programs are presented. Observation required.

4860. FCS **Addictions and the Family. (3-0-3) F.** Study of the interaction effects between the addicted person and the family and significant others; educational techniques and family intervention strategies for families of addicted persons. Prerequisites: Family and Consumer Sciences 2800 and Health Studies 4800 or permission of the instructor.

4913. FCS **Organization and Administration of Cooperative Occupational Education. (3-0-3) F.** Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development.

4923. FCS **Coordination Techniques for Cooperative Occupational Education. (3-0-3) S.** Methods and techniques for preparation of teacher coordinators. Student selection, training agreements, training plans, legal requirements, related class management, individualized instruction, and program evaluation are emphasized.

4940. FCS **Foodservice Systems Management. (2-2-3) F.** Organization and administration of food service systems, personnel management, cost control, food purchasing, and facility and equipment planning. Prerequisite: Family and Consumer Sciences 4140 or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

FINANCE

Undergraduate Courses

3710. FIN **Business Financial Management. (3-0-3)** A practical framework for corporate financial decision-making. Topics include: acquisition, allocation, and management of funds and asset valuation methods. Prerequisites: Accountancy 2150, Economics 2802, and junior standing.

3720. FIN **Investments. (3-0-3) F, S.** The study of investment theories and practices for implementing investment goals in relation to risk-return tradeoffs. Prerequisites: Finance 3710 with a grade of C or better and Computer and Operations Management 2810.

3730. FIN **Financial Markets and Institutions. (3-0-3) F, S.** An analysis of the functions, structures, regulatory framework, funds flows, the term structure of interest rates, risk factors, and key policy issues in both financial markets and financial institutions. Prerequisites: Accounting 2100, Economics 2802, Finance 3710 with a grade of C or better, and junior standing.

3740. FIN **Real Estate Fundamentals. (3-0-3) F, S.** A study of theory and practice in real estate, with social, legal and economic implications. Prerequisites: Accountancy 2100, 2150, Economics 2801, 2802, Finance 3710 with a grade of C or better, and junior standing.

3750. FIN **Commercial Bank Management. (3-0-3) F, S.** The organization and management of commercial banks; functions, department, personnel, policies. Prerequisites: Accountancy 2150, Economics 2802, Finance 3710 with a grade of C or better, and junior standing.

3775. FIN **Intermediate Financial Management. (3-0-3) F, S.** An in-depth course on the management of short- and long-term assets and liabilities of a business. Includes financial forecasting and budgeting, banking, short-term sources and uses of funds, sources of long-term capital, financial distress, and derivative securities. Prerequisite: Finance 3710 with a grade of C or better.

3790. FIN **Business Financial Management, Honors. (3-0-3)** A practical framework for corporate financial decision-making. Topics include: acquisition, allocation, and management of funds and asset valuation methods. Prerequisites: Accountancy 2150, Economics 2802, junior standing, and admission to the College Honors Program.

3900. FIN **Risk and Insurance. (3-0-3) F, S.** The study of risk management to include life, health, property, and liability insurance. Prerequisites: Accountancy 2150, Economics 2802, Finance 3710 with a grade of C or better, and junior standing.

3970. FIN **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4040. FIN **Real Estate Finance. (3-0-3) F, S.** Focuses on the debt and equity structure, alternative financing techniques, and underwriting criteria for financing real property throughout the life cycle from land acquisition through disposition for common property types and ownership forms. Stresses analyses using personal computers. Prerequisites: Administrative Information Systems 2100, Economics 2802, Finance 3710 with a grade of C or better, and 3740.

4100. FIN **Advanced Financial Management. (3-0-3) F, S.** A continuation of Business Financial Management. Applications of financial management are extended to include in-depth analysis of capital budgeting and capital structure theory. Spreadsheet analysis of cases will be used. Prerequisites: Administrative Information Systems 2100 or Computer and Operations Management 2100; Accountancy 2100, 2150; Economics 2801, 2802; Finance 3710 with a grade of C or better, and 3775.

4110. FIN **Special Topics in Finance. (3-0-3) On demand.** Topics to be announced. May be repeated for different topics. Prerequisites: Finance 3710 with a grade of C or better, and permission of department chair.

4200. FIN **Portfolio Management. (3-0-3) F, S.** An introduction to constructing and managing investment portfolios. The emphasis is on maximizing investors' risk-adjusted returns through security selection and diversification. Prerequisites: Finance 3720 and 3730.

4275. FIN **Internship in Finance. (Arr-Arr.-3 or 6 or 9 or 12 or 15) (Credit/No Credit)** On-the-job experience in a phase of finance for one semester, in a firm approved by the department chairperson. Prerequisites: Permission of the department chairperson and acceptance of the student by a business firm on the basis of the student's application. Up to 12 hours of internship credit may be counted for graduation.

4300. FIN **Professional Financial Planning. (3-0-3) S.** A comprehensive study of financial planning for individuals. Applications software and case studies. Emphasis on using financial planning concepts and theories in developing practical financial planning strategies. Prerequisites: Finance 3720 and 3730.

4740. FIN **Independent Study. (Arr.-Arr.-1-3)** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade point average of 3.0 or higher; consent of the supervising instructor and approval of a completed application by the department chairperson prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4820. FIN **International Finance. (3-0-3) F.** Financial aspects of operating multinational firms. Topics included are international markets, exchange rate theories, foreign trade financing, and both raising funds and investing resources internationally. Prerequisites: Finance 3710 with a grade of C or better, 3730 and Economics 3860.

4830. FIN **Current Issues in Finance. (3-0-3) F, S.** A seminar approach to studying the contemporary issues of concern in the fields of corporate finance, investments, and financial markets and institutions. Prerequisites: Finance 3710 with a grade of C or better, 3720, 3730 and 3775.

FOREIGN LANGUAGES

Conversational Courses, 1001 and 1002

As part of its comprehensive course listings, the Department of Foreign Languages offers two conversational courses in French, German, and Spanish. These are numbered 1001 and 1002 and are two semester hours each. They are Credit/No Credit only and are not counted against the Credit/No Credit option limit of courses. Eligibility for enrollment is as follows:

French, German, Spanish: FLF, FLG, FLS

1001. These courses are primarily for beginners. However, a student with up to but no more than one year of high school study in the language chosen may enroll. A student with any college credit in a language may not take 1001 in that language.

1002. **(Spanish only)** This course is primarily for those students who have completed Spanish 1001. However, a student with one or two years of high school study in Spanish may also enroll. A student with any college credit other than 1001 in Spanish may NOT take Spanish 1002.

Note: For enrollment in other departmental courses after earning credit in one or more of the C/NC courses above, see the note and second chart under PLACEMENT below.

Placement

A student who wishes to continue the study of a language begun in high school should enroll in an appropriate language course as indicated below. If previous language study was not recent, placement at a lower level may be more appropriate. Permission is required from the department chair.

High School Units	
Less than 2 years	Elementary 1101C
2 years	Elementary 1102C
3 years	Intermediate 2201
4 years	Intermediate 2201 or 2202

Advanced Competency Credit Policy

Advanced Competency Credit is credit toward graduation for previously acquired language proficiency. It is available in French, German and Spanish only.

1. To be eligible a student must apply for Advanced Competency Credit during the first semester he or she is enrolled in a foreign language course.
2. A transfer student who took language courses at another institution and received college credit for these courses will not be eligible for Advanced Competency Credit in those languages.
3. Advanced Competency Credit will be granted as follows:

A student beginning at the 1102C level and completing eight semester hours of course work with a grade of C or better in each course will be granted four semester hours of advanced competency credit.

A student beginning at the 2201 or higher level and completing eight semester hours of course work with a grade of C or better in each course will be granted six semester hours of advanced competency credit.

Independent study courses, courses taken credit/no credit, and courses for which Advanced Placement Credit has been granted may not be included in the total required to qualify.

Qualifying courses should be taken consecutively or concurrently unless approval for another arrangement is obtained from the Department Chairperson.

FOREIGN LANGUAGES

Undergraduate Courses Taught in English

2050. FLE **Comparative Language Structures. (3-0-3) F.** Introduction to phonetics, morphology and lexicology with emphasis on French, German, Latin and Spanish. No prerequisite, but Foreign Languages 1102C or equivalent is recommended.

3400. FLE **Methods of Teaching Foreign Language. (3-0-3) S.** Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3950. FLE **Introduction to Historical Linguistics. (3-0-3) Alternate years.** Introduction to historical and comparative linguistics with emphasis on the Indo-European languages. Prerequisite: Foreign Languages 2202, English 3901 or consent of instructor.

4400. FLE **Independent Study in Foreign Languages. (Arr.-Arr.-1-3)** Intensive individual study of a topic selected by the student in collaboration with the instructor in a foreign language in which no advanced courses are offered. Prerequisite: consent of instructor. May be taken twice with permission of department chair.

French

1001. FLF **Conversational French for Beginners I. (2-0-2) (Credit/No Credit only)** Introduction to understanding and speaking everyday French. Not open to majors or minors in French. (See Conversational Courses 1001, 1002, and 2010, at beginning of Foreign Languages.)

1101C. FLF FL **Elementary French I. (4-0-4) F, S.** First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Extensive use of language laboratory. Prerequisite: None. No more than one year high school French allowed without permission of Department Chair.

1102C. FLF FL **Elementary French II. (4-0-4) F, S.** Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Extensive use of language laboratory. Prerequisite: French 1101C or equivalent. No more than two years of high school French allowed without permission of Department Chair.

2201, 2202. FLF **Intermediate French. (4-0-4 each course) 2201-F,S; 2202-F,S.** Review of grammar; exercise in composition and conversation; reading. Prerequisites: For French 2201, French 1102C or three years of high school French; for French 2202, French 2201 or three years of high school French or permission of the department chairperson.

2220. FLF **French for Business. (3-0-3) Alternate years.** Practice in oral and written communication for the business world, conventions of letter writing, banking, import/export and other commercial transactions. French business in the U.S. and the cultural context of French business in France. Major business structure. Prerequisite: French 2202 or equivalent.

3300. FLF **French Phonetics. (3-0-3) Alternate years.** Systematic drills used to increase the student's knowledge of the phonological structure of French and to eliminate errors caused by the interference of the student's native English. Prerequisite: French 2202 or permission of the department chairperson.

3301. FLF **French Conversation. (3-0-3) Alternate years.** Consolidation grammatical and phonological principles through their application in oral expositions. Prerequisite: French 2202 or permission of the department chairperson.

3302. FLF **French Advanced Grammar. (3-0-3) Alternate years.** A study of some of the problems in French speaking and writing faced by English speakers and writers. Prerequisite: French 2202 or permission of the department chairperson.

3304. FLF **French Civilization. (3-0-3) Alternate years.** A contrastive study of certain aspects of contemporary French and American culture. Prerequisite: French 2202 or permission of the department chairperson.

3305. FLF **French Literature I. (3-0-3) Alternate years.** Survey of French literature from the Middle Ages to the eighteenth century. Prerequisite: French 2202 or permission of the department chairperson.

3306. FLF **French Literature II. (3-0-3) Alternate years.** Survey of French literature from the eighteenth century to the present. Prerequisite: French 2202 or permission of the department chairperson.

3401. FLF **Cadet Teaching. (Arr.-Arr.-1-3)** Observation and supervised micro-teaching in one of the department's elementary courses, or in one of the local area schools. Teaching majors and minors only. May be taken in more than one language. Prerequisite or corequisite: Foreign Languages 3400. Counts toward the major.

3820. FLF **French Composition and Stylistics. (3-0-3) Alternate years.** A study of basic principles essential for effective formal and informal writing in French. Prerequisite: French 2202 or permission of the department chairperson.

3970. FLF **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4100. FLF **Topics in Francophone Cultures. 3-0-(Arr.1-3) Alternate years.** Special topics in French and Francophone cultures not ordinarily treated in standard courses. Topic and outlines of course will vary. Prerequisites: Six credits beyond French 2202 or consent of department chairperson. Course may be taken twice with consent of department chairperson.

4200. FLF **Topics in Francophone Literatures. 3-0-(1-3) Alternate years.** Special topics in French and Francophone literatures not ordinarily treated in standard courses. Topic and outline of course will vary. Prerequisites: Six credits beyond French 2202 or consent of department chairperson. Course may be taken twice with consent of department chairperson.

4275. FLF **Internship. (Arr.-Arr.-1-4). (Credit/No Credit only).** A foreign or nationally based language learning experience in which the student applies and develops skills learned in French courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Prerequisites: Two years of a college-level foreign language and French 3301 or 3302, or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4400. FLF **Independent Study. (Arr.-Arr.-1 to 3)** Intensive individual study of a topic in French, selected by the student in collaboration with the instructor and under the general supervision of the instructor. Note: A maximum of three semester hours of credit may be applied to the major or minor in French. Prerequisite: Permission of the department chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4401. FLF **French Novel I. (3-0-3) Alternate years.** Selected novels from Mme. de La Fayette to Balzac. Prerequisite: Three years of college French or permission of the department chairperson.

4402. FLF **French Novel II. (3-0-3) Alternate years.** Selected novels from Stendhal to the present. Prerequisite: Three years of college French or permission of the department chairperson.

4444. FLF **Honors Independent Study. (Arr.-Arr.-3)** Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4644. FLF **Honors Thesis. (Arr.-Arr.-3)** Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4666. FLF **Honors Seminar. (3-0-3)** Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

Courses Open to Juniors, Seniors, and Graduate Students

4760. FLF **French Drama. (3-0-3) Alternate years.** French drama from the fifteenth century to the present.

4770. FLF **French Poetry. (3-0-3) Alternate Years.** Selected authors from Villon to the present.

German

Certificate of Proficiency in German

Students who have successfully completed two German courses at the 3000/4000 level are eligible to apply for a German Language Proficiency Examination which leads to the awarding of the **Zertificat Deutsch als Fremdsprache.** Developed by the **Goethe Institute** and the **Deutscher Volkschochschulverband,** this certificate is recognized worldwide as proof of basic German language skills. Inquiries should be directed to the German faculty.

1001. FLG **Conversational German for Beginners I. (2-0-2) (Credit/No Credit)** Introduction to understanding and speaking everyday German. Not open to German majors or minors. (See Conversational Courses 1001, 1002, and 2010, at beginning of Foreign Languages.)

1101C. FLG FL **Elementary German I. (4-0-4) F, S.** First semester of a two-semester course in speaking, listening, reading, writing, and culture are emphasized. Prerequisite: None.

1102C. FLG FL **Elementary German II. (4-0-4) F, S.** Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Prerequisite: German 1101C or equivalent.

2030. FLG **Contemporary Culture in German Speaking Countries. (3-0-3) Alternate years.** Readings and discussion in English. Study of contemporary life in the two Germanies, Austria, and Switzerland. Focus on the habits, thoughts, and traditions basic to everyday life, as well as social, educational, economic, and political structures. Course is not applicable to major or minor in German.

2201, 2202. FLG **Intermediate German. (4-0-4 each course) 2201-F; 2202-S.** Review of grammar; exercises in conversation and composition; reading of selected material; extensive use of language laboratory. Prerequisite: For German 2201, German 1102C or three years of high school German; for German 2202, German 2201, four years of high school German or permission of the department chairperson.

3101. FLG **German Conversation and Composition I. (3-1-3) F.** First semester of a two-semester course of conversation and composition. Weekly Kaffeestunde. Prerequisite: German 2202 or equivalent

3102. FLG **German Conversation and Composition II. (3-1-3) S.** Second semester of a two-semester course of conversation and composition. Weekly Kaffeestunde. Prerequisite: German 3101 or equivalent.

3200. FLG **German Culture and Civilization. (3-0-3) F or S.** Prerequisite: German 2202 or permission of the department chairperson.

3303. FLG **German Linguistics. (3-0-3) Alternate years.** Systematic drills used to build the student's knowledge of the structure of German and to eliminate errors caused by the patterns of the student's native English. Prerequisite: German 2202 or permission of the department chairperson.

3310. FLG **Survey of German Literature I. (3-0-3) Alternate years.** Survey of German literature to 1700. Prerequisite: Three years of college German or permission of the department chairperson.

3311. FLG **Survey of German Literature II. (3-0-3) Alternate years.** Survey of German literature from 1700 into the twentieth century. Prerequisite: Three years of college German or permission of the department chairperson.

3315. FLG **German Lyrics and Ballads. (3-0-3) Alternate years.** Prerequisite: German 2202 or permission of the department chairperson.

3330. FLG **German for Business. (3-0-3) Alternate years.** Practice in oral and written communication for the business world; conventions of letter writing, banking, import/export and other commercial transactions. Not applicable toward Humanities Distribution Requirement. Prerequisite: German 3301, or three years of high school German, or equivalent.

3970. FLG **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. FLG **Internship. (Arr.-Arr.-1-4). (Credit/No Credit only)** A foreign or nationally based language learning experience in which the student applies and develops skills learned in German courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Prerequisites: Two years of a college level foreign language and German 3301 or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4400. FLG **Independent Study. (Arr.-Arr.-1 to 3)** Intensive individual study of a topic in German, selected by the student in collaboration with the instructor and under the general supervision of the instructor. Note: A maximum of three semester hours of credit may be applied to the major or minor in German. Prerequisite: Permission of the department Chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4405. FLG **Topics of German Literature. (3-0-3) Alternate years.** Prerequisite: Three years of college German or permission of the chairperson of the department. May be taken twice with permission of the department chairperson.

4444. FLG **Honors Independent Study. (Arr.-Arr.-3)** Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4644. FLG **Honors Thesis. (Arr.-Arr.-3)** Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4666. FLG **Honors Seminar. (3-0-3)** Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

Courses Open to Juniors, Seniors, and Graduate Students

4740. FLG **Goethe. (3-0-3) Alternate years.** In-depth study of selected works by Goethe.

4750. FLG **Introduction to German Stylistics. (3-0-3) Alternate years.** Elements of prose composition: form, content, style and meaning. Prerequisite: Three years of college German or permission of the department chairperson.

Latin

1101C. FLL FL **Elementary Latin I. (4-0-4) F.** First semester of a two-semester course in which reading and Classical Latin are emphasized. Prerequisite: None.

1102C. FLL FL **Elementary Latin II. (4-0-4) S.** Second semester of a two-semester course in which reading and Classical Latin are emphasized. Prerequisite: Latin 1101C, equivalent, or consent of instructor.

2201. FLL **Intermediate Latin I. (4-0-4) On demand.** Intensive review of Latin grammar, readings from Ovid, Phaedrus, Caesar. Prerequisite: Latin 1102C or three years of high school Latin.

2202. FLL **Intermediate Latin II. (4-0-4) On demand.** Vergil's *Aeneid*. Selections from Books I to VI. Applicable Greek and Roman mythology and philosophy, scansion, sight translation; life of Vergil. Prerequisite: Latin 2201 or permission of the department chairperson.

Russian

1101C. FLR FL **Elementary Russian I. (4-0-4) F.** First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Prerequisite: None.

1102C. FLR FL **Elementary Russian II. (4-0-4) S.** Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Prerequisite: Russian 1101C or equivalent.

Spanish

1001. FLS **Conversational Spanish for Beginners I. (2-0-2) (Credit/No Credit)** Introduction to understanding and speaking everyday Spanish. Not open to Spanish majors or minors. (See Conversational Courses 1001, 1002, and 2010, at beginning of Foreign Languages.)

1002. FLS **Conversational Spanish for Beginners II. (2-0-2) (Credit/No Credit)** A sequel to Spanish 1001. Not open to Spanish majors or minors. Prerequisite: Spanish 1001. (Students with one or two years of high school Spanish may also enroll. See Conversational Courses at the beginning of Foreign Languages.)

1101C. FLS FL **Elementary Spanish I. (4-0-4) F, S.** First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Extensive use of language laboratory. Prerequisite: None. No more than one year of high school Spanish allowed without permission of Department Chair.

1102C. FLS FL **Elementary Spanish II. (4-0-4) F, S.** Second semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Extensive use of language laboratory. Prerequisite: Spanish 1101C or equivalent. No more than two years of high school Spanish allowed without permission of Department Chair.

2201, 2202. FLS **Intermediate Spanish. (4-0-4 each course) F, S.** Review of grammar; practice in conversation and composition; reading of selected material. Extensive use of the language laboratory. Prerequisite: For Spanish 2201, Spanish 1102C or three years of high school Spanish; for Spanish 2202, Spanish 2201 or three years of high school Spanish or permission of the department chairperson.

2500. FLS **Hispanic American Culture Through Study-Travel. (Arr.-Arr.-2) S.** A two-week extensive field trip study of the culture of a Spanish-speaking country during the semester or summer break. A pre-trip orientation to prepare students for on-site study of the history, government, and other sociological aspects of the selected society is included. May be repeated for up to 2 additional hours of credit. May not be counted toward the major or minor in Spanish. Prerequisite: Permission of the instructor.

3000. FLS **Problems in Spanish Grammar. (3-0-3) F, S.** Review of those points in Spanish grammar which are stumbling blocks for English-speaking students. Prerequisite: Spanish 2202, its equivalent or permission of the department chairperson.

3050. FLS **Spanish Pronunciation and Conversation. (4-0-4) F, S.** Intensive drilling of Spanish pronunciation and further development of audio-lingual skills through conversation. Prerequisite: Spanish 2202, or its equivalent, or permission of the department chairperson.

3201. FLS **Business Spanish. (3-0-3) F or S.** Oral and written communication in the Hispanic business world. Will not count toward humanities. Prerequisite: Spanish 3000, its equivalent or permission of the department chairperson.

3401. FLS. **Cadet Teaching. (Arr.-Arr.-1-3)** Observation and supervised micro-teaching in one of the department's elementary courses or in one of the local area schools. Teaching majors and minors only. May be taken in more than one language. Prerequisite or corequisite: Foreign Languages 3400. Counts toward the major.

3500. FLS **Hispanic Short Story. (3-0-3) S-even-numbered years.** The history, development and meaning of short stories in Spanish.

3510. FLS **Introduction to Modern Spanish Literature. (3-0-3) F.** Introduction to Spanish literature from the eighteenth to twentieth century. Prerequisite: Spanish 3000 or permission of the department chairperson.

3520. FLS **Introduction to Modern Spanish American Literature. (3-0-3) F.** Introduction to Spanish American literature from 1886 to present. Prerequisite: Spanish 3000 or permission of the department chairperson.

3970. FLS **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4202. FLS **Advanced Spanish Composition. (3-0-3) S.** Compositions based on style illustrated in certain literary selections. Prerequisite: Spanish 3000 or permission of the department chairperson.

4275. FLS **Internship. (Arr.-Arr.-1-4). (Credit/No Credit only).** A foreign or nationally based language learning experience in which the student applies and develops skills learned in Spanish courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Prerequisites: Two years of a college level foreign language and Spanish 3000 or 3050, or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4310. FLS **Civilization and Culture of Spain. (3-0-3) F or S.** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4320. FLS **Civilization and Culture of Spanish America. (3-0-3) F or S.** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4400. FLS **Independent Study. (Arr.-Arr.-1 to 3)** Intensive individual study of a topic in Spanish, selected by the student in collaboration with the instructor and under the general supervision of the instructor. Note: A maximum of three semester hours of credit may be applied to the major or minor in Spanish. Prerequisite: Permission of the department Chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4444. FLS **Honors Independent Study. (Arr.-Arr.-3)** Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4510. FLS **Survey of Early Spanish Literature. (3-0-3) F or S.** Survey of Spanish literature from the Twelfth to Seventeenth Century. Prerequisite: Spanish 3000 or permission of the department chairperson.

4520. FLS **Survey of Early Spanish American Literature. (3-0-3) Alternate years.** Survey of Spanish American literature from the Colonial period of 1886. Prerequisite: Spanish 3000 or permission of the department chairperson.

4640. FLS ***Don Quixote de la Mancha*. (4-0-4) Alternate years.** Study of the two parts of *Don Quixote de la Mancha* in the original. Prerequisite: Three years of college Spanish, its equivalent, or permission of the department chairperson.

4644. FLS **Honors Thesis. (Arr.-Arr.-3)** Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4650. FLS **Topics in Hispanic Literature. (3-0-3) F.** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4666. FLS **Honors Seminar. (3-0-3)** Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

FRESHMAN SEMINAR

1004. EIU **Freshman Seminar. (1-0-1) F.** This course develops student knowledge of university organization, traditions, and methods. It provides a conceptual framework for engaging successfully in the university experience. Prerequisites: Freshman standing (less than 30 semester hours of earned credit). This course may not be taken credit/no credit.

GENERAL STUDIES

1000. GST **Reading and Study Improvement. (2-2-2)** Learning principles as they apply to the development of efficient study skills, emphasis on reading instruction designed to improve comprehension and rate. May be repeated; does not count toward graduation.

GEOGRAPHY

Undergraduate Courses

Note: The Geology/Geography Department is in the process of updating the B.S. in Geography curriculum with new courses and an honors program. Please contact the Department for the latest changes.

1100C. GEG FC **Cultural Geography. (3-0-3) F, S.** A geographic survey of population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, focusing on origins, processes, and patterns in western and non-western cultures.

1190C. GEG FC **Cultural Geography, Honors. (3-0-3) On demand.** A geographic survey of population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, focusing on origins, processes, and patterns in western and non-western cultures. Field trips and a field research paper will enhance the student's ability to read and interpret places and landscapes. Prerequisite: Admission to the University Honors Program.

1200C. GEG HB **World Regional Geography. (3-0-3) F, S.** A geographic analysis exploring developed regions and developing regions of the world. Discussion of regions and countries, people and environments, will emphasize international understanding.

1290C. GEG HB **World Regional Geography, Honors. (3-0-3) On demand.** A geographical analysis examining the developed and developing regions of the world. Discussion of interrelationships between people and their environments from a spatial viewpoint. Research papers and class presentations are required to raise international geographic awareness. Prerequisite: Admission to the University Honors Program.

3000. GEG **Geography of Illinois. (3-0-3) S-odd-numbered years.** Analysis of regional variations in climate, landforms and natural resources. Emphasis on processes shaping man's activities and spatial organizations and on place and regional consciousness in Illinois.

3025. GEG **Geography of the United States and Canada. (3-0-3) F-even-numbered years.** Analysis of regional variations in the physical and cultural environments of the United States and Canada. Emphasis on processes shaping man's activities and spatial organizations and on place and regional images that are visually expressed in the American landscape.

3050. GEG **Geography and Culture of Africa. (3-0-3) On demand.** A geographic survey of Africa's contemporary development prospects, population growth and food production, rural-urban migration, changing cultural landscapes and their impact on the environment, urban and industrial development, history of colonialism, and regional differences in economic, social, political, cultural, and environmental conditions.

3055. GEG **Geography and Culture of Asia. (3-0-3) On demand.** A regional geography with emphasis on population dynamics,

physical and cultural landscapes, environment, and economic development that gives the distinct characteristics of Eastern, Southern, Southeastern and Southwestern realms of Asia. An investigation of problems and prospects of Asian countries.

3065. GEG **Geography and Culture of Latin America. (3-0-3) On demand.** Studies the natural and cultural landscape of Latin America, giving special attention to the geographical identity and cultural diversity of the region. Topics include environmental issues, industrialization, geopolitical contexts, colonial history, transportation, agriculture, population, and urban growth.

3200. GEG/ ESC **Human Impacts on the Environment. (3-0-3) S.** Emphasis on human impacts on the environment and the necessity of conservation. Discussion of natural hazards and perception of resources as factors limiting society's development. Focus on man as an agent of environmental change.

3600. GEG **Economic Geography. (3-0-3) On demand.** Survey of theoretical and empirical approaches to the location of economic activities and of organizational structures. Analysis of spatial patterns of resource, industrial, commercial and service activities. Emphasis on local and regional development, growth and decline, transportation and planning.

3650. GEG **Advanced Cultural Geography. (3-0-3) F-odd-numbered years.** Concerned with understanding the material culture that gives character to a place or area. Emphasis on a study of environmental perception, attitudes and values that influence our personal images of the world. Special focus on reading and interpreting the ordinary landscape of the manmade habitat.

3700. GEG **Historical Geography of the United States. (3-0-3) S-odd-numbered years.** Reconstructing past geographical landscapes of the United States to 1900. Emphasis on changing landscape patterns and spatial organization patterns through time, perception of relic landscape features and contemporary preservation of distinctive historic places and areas.

3750. GEG **Population Geography. (3-0-3) S-even-numbered years.** Survey of world distribution of population through time. Examines patterns and consequences of mortality, fertility and migration. Emphasis on theories and models of migration, past and contemporary migration patterns, and information flow and individual movement in geographic space.

3775. GEG **Urban Geography. (3-0-3) On demand.** Examines from a geographic perspective the origin, location, function, internal structure, growth and interaction of urban areas in the United States and other regions of the world; considers problems of modern cities and the role of city planning in Western and non-Western contexts. Prerequisite: Geography 1100C, 1200C or permission of instructor.

3780. GEG **Land Use Planning. (3-0-3) On demand.** An introduction to land use planning in the United States, focusing on the geographic and institutional dimensions; a survey of the policy and legislative basis for land use controls at the urban, regional, and federal level, including controlled growth, zoning, development agreements, and environmental legislation. Prerequisite: Geography 1100C or 1200C or permission of instructor.

3800. GEG **Introduction to Cartography. (1-4-3) S.** Instruction and practice in the basic techniques of map making. Emphasis on problems involved in selection of proper source materials for the base and body of the map and methods of mechanical reproduction.

3825. GEG **Quantitative Methods in Geography. (1-4-3) F-even-numbered years.** Application of basic descriptive and inferential statistics. Emphasis on the understanding of the quantitative method as it is applied in the analysis and classification of geographical data and spatial problems. Prerequisite: Mathematics 2250C.

3850. GEG **Advanced Cartography. (1-4-3) On Demand.** Instruction and practice in the techniques of thematic mapping including design, compilation, construction and photographic reproduction. Introduction to data transformation and computer-assisted reproduction. Prerequisite: Geography 3800.

3855. GEG **Computer Mapping. (2-2-3) F.** Methods and techniques for map construction and production using computer processing and graphic displays. Prerequisites: Mathematics 1271 or 1300 or permission of the instructor.

3875. GEG **Field Methods. (1-4-3) S-odd-numbered years.** Application of geographical field techniques to the analysis of areas. Emphasis on making physical and cultural observations and measurements including map reading, photo interpretation, field sketch mapping, compass traverses, sampling, questionnaire design, interviewing, analysis and reporting.

3970. GEG **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. GEG **Seminar. (3-0-3) On demand.** Reports and discussion of selected topics in geography. Prerequisites: Two courses in geography or permission of the department chairperson. May be taken twice for credit.

4275. GEG **Internship in Geography. (Arr.-Arr.-1-6) On demand.** An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of three semester hours may be counted as elective credit in the Geography minor. Prerequisites: Completion of at least 12 hours of coursework toward Geography major or minor, permission of the Geology/Geography Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4400. GEG **Independent Study. (Arr.-Arr.-1 to 3) F, S.** Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson. May be taken for no more than six semester hours.

4430. GEG **Undergraduate Research in Geography. (Arr.-Arr.-1-3) On demand.** Field, laboratory, or theoretical research faculty supervised. A written report of an oral presentation is required. Prerequisite: Completion of 15 semester hours toward the Geography major or minor, permission of the instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

4444. GEG **Honors Independent Study. (Arr.-Arr.-1-6)** Intensive individual study on a topic selected by the student with approval of the instructor. May be taken for no more than six semester hours. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4555. GEG **Honors Research. (Arr.-Arr.-1-6)** Original research in geography on a topic studied by the student while enrolled in Geography 4444. A written report and oral presentation are required. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4644. GEG **Honors Thesis. (Arr.-Arr.-1-6)** Written thesis based on original research performed while enrolled in Geography 4555. An oral presentation is required. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4666. GEG **Honors Seminar. (Arr.-Arr.-3)** Reports, discussion and/or laboratory/field work on selected topics in geography. Prerequisites: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Departmental Chairperson.

4890. GEG **Geographic Information Systems. (2-2-3) On demand.** Theoretical and applied introduction to geographic information systems. Microcomputer lab experience offers real world human and natural resource computer-based scenarios that involve the input, storage, retrieval, manipulation, analysis and cartographic display of geocoded data using geographic information systems. Prerequisite: Geography 3800 or consent of instructor.

GEOLOGY

Undergraduate Courses

1300C. GEL/ ESC PS **Earth Sciences. (2-2-3) F, S.** An introduction to earth processes, resources, rocks, minerals, maps, time, and plate tectonics. The interaction of natural processes in the physical environment and human activity will be discussed. Lab work and field trip are required.

1390C. GEL/ ESC PS **Earth Sciences, Honors. (2-2-3) On demand.** Study of the planet Earth as a system consisting of the lithosphere, hydrosphere, and atmosphere. Emphasis on how processes occurring within the solid, liquid, and gaseous portions of the Earth system act to influence its surface. Field trips and short papers will stress scientific communication skills. Prerequisite: Admission to the University Honors Program.

1430 (2430). GEL **Historical Geology. (3-2-4) S.** Development of major structural segments of Earth's crust; fossil record of life; age relations among rock units. Field work. Prerequisite: Geology/Earth Science 1300C.

1490. GEL **Physical Geology, Honors. (3-2-4) On demand.** An introduction to the basic geologic concepts and physical and chemical processes that are responsible for creating and shaping the earth's crust and interior. Topics include: minerals, rocks, volcanoes, streams, wind erosion, glaciers, groundwater, topographic and geologic map interpretation. Research paper and field work required. Prerequisite: Admission to the University Honors Program.

2440. GEL **Mineralogy. (3-2-4) F.** A study of minerals with emphasis on crystallography, chemistry, classification, identification, genesis, and association. Prerequisites: Geology 1300C and Chemistry 1310 and 1315 or concurrent enrollment.

3010C. GEL/ ESC PS **Environmental Physical Science. (2-0-2) F, S.** A study of global ecology integrating aspects of the physical and biological components of planet Earth (see also Environmental Biology 3010C). Examines earth surface processes and materials and their relationships with human activities. Emphasis is on environmental elements and the constraints and advantages which must be evaluated when living and working in a given area.

3015C. GEL/ ESC PS **Environmental Science Laboratory. (0-2-1) F, S.** Practical experience in analyzing areas with environmental problems. Analytical methods include map analysis, aerial photo analysis, soil analysis and water testing. Actual and hypothetical scenarios will be presented for group analysis, evaluation, and presentation of results. Field Trip(s). Prerequisite: concurrent or prior enrollment in Earth Science 3010C, Environmental Physical Science.

3300C. GEL/ INT PS **Science and Technology: A Promise or a Threat? (3-0-3)** Understanding science and technology, their impact on the advancement of societies and their social and cultural consequences. Papers, discussions, and extensive use of Internet are required.

3405. GEL **Petrology. (3-2-4) S.** A study of the physical, chemical, spatial, and chronological properties and processes that reflect the origin, evolution, and occurrence of igneous and metamorphic rocks. Laboratory work emphasizes the petrographic microscope and its applications. Field work required. Prerequisite: Geology 2440.

3420. GEL **Principles of Geomorphology. (2-2-3) S.** Physical and mathematical analysis of processes that modify the earth's surface; structural and climatic controls; hillslope sculpture; weathering; stream dynamics; soil classification. Prerequisite: Geology/ Earth Science 1300C.

3425. GEL **Engineering Geology. (2-2-3) F.** Study of procedures and techniques used to evaluate geologic factors for site selection and the design of engineered structures. Topics include: introductory soil and rock mechanics, slope stability, fluvial processes, land subsidence, ground water, and engineering geophysics. Field work. Prerequisites: Geology 3420 and Mathematics 1330.

3430. GEL **Structural Geology. (2-2-3) F.** Forces involved in the deformation of rocks with emphasis on the recognition and interpretation of the resultant geologic structures. Field work. Prerequisites: Geology 1430, 3405 and Mathematics 1330 or equivalent.

3450C. GEL/ ESC PS **Oceanography. (3-0-3)** Integrated, descriptive study of the World Ocean, including the physics, chemistry, biology, and geology of the marine environment and the interrelationship between the World Ocean and human activities.

3460. GEL **Economic Mineral Deposits. (2-2-3) On demand.** Origin, geologic occurrence and utilization of metallic and non-metallic mineral deposits. Field work. Prerequisites: Prior or concurrent enrollment in Geology 3405.

3470. GEL **Seminar. (Arr.-Arr.-1-3) F, S.** Discussions, reports, and field/ laboratory work concerning selected geoscience topics, with instructor guidance. May be taken more than twice for credit if a different topic is covered each time.

3490. GEL **Coal Geology. (2-2-3) On demand.** The origin, classification, and alterations of coals; stratigraphy, sedimentation, and structure of coal deposits; types of and cyclical deposition in coal basins and their tectonic setting. Field work. Prerequisite: Geology 1430.

3500. GEL **Volcanology. (2-2-3) On demand.** A study of volcanic features and eruptions. The relationship of eruptive products, styles, and mechanisms to volcanic features and hazards is emphasized. Prerequisite: Geology 3405 or concurrent enrollment.

3510. GEL **Principles of Sedimentation. (2-2-3) F.** Sources of sediments, mechanics of transportation, depositional controls, post-depositional changes; physical and chemical properties of sedimentary rocks, classifications; analytical laboratory techniques. Field work. Prerequisites: Geology 1430 and 3405.

3525. GEL **Hydrogeology. (2-2-3) On demand.** The study of the interrelationships of geological materials and processes with water. Prerequisite: Geology 3420.

3560 (4460). GEL **Principles of Stratigraphy. (2-2-3) S.** Development and use of stratigraphic column, sedimentary facies, space-time relationships, principles or correlation, tectonic framework of sedimentation, analysis of clastic, organic, chemical sedimentary sequences. Field work. Prerequisite: Geology 3510.

3970. GEL **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. GEL **Petroleum Geology. (2-2-3) On demand.** The geological occurrence of petroleum including origin, migration, and accumulation; exploration methods and production techniques. Laboratory exercises in searching for and producing petroleum and natural gas. Prerequisite: Geology 3430.

4200. GEL **Introduction to Geophysical Exploration. (3-0-3) On demand.** Introduction to the theories of gravity, magnetics, heat flow, and reflection and refraction seismology; application of these geophysical methods in the interpretation of earth structure and composition, with emphasis on exploration for economic materials and on tectonic activity. Prerequisites: Geology 3430 and Physics 1160C.

4275. GEL **Internship in Geology. (Arr.-Arr.-1-6) On demand.** An individually planned work experience in a business or agency appropriate to the student's area of specialization. Note: A maximum of three semester hours may be counted as elective credit in a Geology major or minor. Prerequisites: Completion of Geology 2440, permission of the Geology/Geography Department Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4335 GEL **Environmental Geology. (3-0-3) On demand.** Study of practices, applications and techniques of solid waste and hazardous waste management and disposal. Topics will include site selection, engineering design, environmental monitoring, environmental laws and regulations and general overview of selected remediation technologies as applied to landfills and disposal practices. Prerequisite: Geology 3425.

4400 (4420). GEL **Independent Study. (Arr.-Arr.1-3)** Independent study in the field of geology, designed for the individual needs of the student. Prerequisite: Geology 2430 or permission of the instructor. May be taken for no more than six semester hours.

4430. GEL **Undergraduate Research in Geology. (Arr.-Arr.-1-3) On demand.** Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. Prerequisite: Geology 3405 and permission of instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

4444. GEL **Honors Independent Study. (Arr.-Arr.-1-6)** Independent Study in geosciences, designed for the individual needs of the student. May be taken for no more than six semester hours. Prerequisites: Geology 3405 and admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4450. GEL **Well Log Interpretation. (2-2-3) On demand.** Fundamental principles of open hole log in investigating subsurface geology are discussed with emphasis on petroleum exploration. This is essentially an applied course with stress on how to take data from well logs, calculate and analyze these data. Prerequisite: Geology 3510.

4480. GEL **Optical Mineralogy. (3-2-4) On demand.** Use of the polarizing microscope for determination of optical properties of minerals; identification of minerals in thin section. Prerequisite: Prior or concurrent enrollment in Geology 3405.

4490. GEL **Invertebrate Paleontology. (2-2-3) F.** Description and classification of major fossil invertebrate groups; preservation of fossils; use of fossils in geologic work. Field work. Prerequisites: Geology 1430; Zoology 1001C or Botany 1050C.

4555. GEL **Honors Research. (Arr.-Arr.-1-6)** Research in the geosciences undertaken with close supervision of a geoscience faculty member. Written report required. At least one semester hour is required of students in the Departmental Honors Program. A maximum of five additional semester hours credit may be applied to the Departmental Honors Program and/or the major in geology. Prerequisites: Geology 3405, admission to the Departmental Honors Program, and permission of the Departmental Honors Coordinator.

4644. GEL **Honors Thesis. (Arr.-Arr.-1-6)** Written thesis based upon a survey of the geological literature and student's original research performed under the close supervision of a geoscience faculty member. At least one semester hour is required of students in the Departmental Honors Program. May not be repeated. Prerequisites: A minimum of one credit hour of Geology 4555, admission to the Departmental Honors Program, and permission of the Departmental Honors Coordinator.

4666. GEL **Honors Seminar. (1-6)** Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be taken more than twice for credit if a different topic is covered each time. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4800 (4465). GEL **Summer Field Geology in the Black Hills, S.D. (Arr.-Arr.-6) Su.** Individual and group problem-solving by application of field methods and techniques, including plane table and total station mapping and air photo interpretation. Six weeks of field study required. Contact Director of Summer Field Geology concerning fees and registration. This course is complementary to nearly all of the department's geology courses. This requirement must be met in the EIU Geology Field Station in the Black Hills of South Dakota. In cases of students' health limitations, with the approval of the department chair, an alternative program will be provided. Prerequisites: Geology 1430, 3405, and 3430. Geology 3510, 3560 and 4490 recommended. In special cases, permission of chairperson and field camp director is required. Graduate students will complete an additional field research project that has been approved by the field camp director. This project must be successfully completed by the end of the course.

Courses Open to Juniors, Seniors, and Graduate Students

4892. GEL **Introduction to Paleobotany. (3-2-4) On demand.** Introduction to the origin and theories of evolution, diversification, radiation, and paleogeography of plants through time, with special reference to vascular plants. Field work. Prerequisites: Geology 1430 and Botany 3200 or permission of instructor. Credit not granted for both Geology 4892 and Botany 4892.

HEALTH COMMUNICATION

Undergraduate Course

4910. HST/ SPC **Communication in Health Professions. (3-0-3)** A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers. Prerequisites: Health Studies 2250 and 2270, and Speech Communication 2300 and 2630, or consent of the Health Communication Minor Coordinator.

HEALTH STUDIES

Undergraduate Courses

Note: Courses in First Aid and Cardio Pulmonary Resuscitation may charge a laboratory fee for use of materials and services.

1120. HST **Basic CPR. (1-0-1) F, S.** Credit toward graduation not granted to students who have completed Health Studies 2320 or 3100.

2000C. HST WB **Principles of Human Health. (3-0-3)** A study of health issues and trends, focusing on the interrelatedness of the forces which contribute to human well-being and the development of the capacity to make informed, responsible decisions affecting individual and environmental welfare.

2100. HST **Peer Health Education Training and Certification Class. (1-2-2) F.** This course is designed to train selected students as peer educators for the Peer Education Program. Students will acquire knowledge of health related topics and gain presentation skills. Students will prepare educational programs to be presented to campus and community groups and organizations. Students will also have the option of participating in the BACCHUS and GAMMA peer education certification program. Prerequisite: HST 2000C or PED 2850C or FCS 2472C.

2250. HST **Professions in School and Community Health. (1-1-1) F, S.** An introductory professional course describing the current school/community health field and assessing the current trends within the disciplines. Enrollment limited to Health Studies majors and minors and those considering the Health Studies degrees.

2270. HST **Community Health. (3-0-3) F, S.** Factors in the physical, biological, and social environments that influence the magnitude and character of health problems, goals, and solutions. Prerequisite: Health Studies 2000C or equivalent.

2320. HST **First Aid and Emergency Care (including Basic CPR Skills). (3-0-3)** Designed to provide opportunities to learn and practice basic first aid skills necessary to handle most home and job emergencies including CPR.

2600. HST **International Health Issues. (3-0-3) F, S.** This course is designed to help students develop an understanding of current health problems and issues in the world community particularly as seen in third world non-Western developing nations. Specific health issues will be examined with consideration given to their influence on American society. Health issues will be examined in the context of the culture and health values of the local populations.

2900. HST **Human Diseases. (3-0-3) F, S.** A study of the occurrence and process of human infectious and chronic diseases. Prerequisite: Health Studies 2000C or permission of instructor.

3120. HST **American Red Cross Instructor. (3-Arr.-4) F, S.** Certification through the American Red Cross (ARC) in Instructor Candidate Training (ICT), and as a Community First Aid and Safety Instructor which prepares individuals to teach Community First Aid and Safety, Standard First Aid, Community CPR, Adult CPR, and Infant and Child CPR.

3196. HST **Public Health Statistics and Data Analysis. (3-0-3) F, S.** A review of mathematical principles and elementary statistics as related to an analysis of public health statistics. Prerequisite: Health Studies 2270 or permission of instructor.

3199. HST **Microcomputers and Health Applications. (1-3-3) F, S.** The study and practical utilization of various types of computer hardware and software employed by health professionals. No programming/keyboarding prerequisite. Prerequisite: Health Studies 2250 or approval of instructor.

3200. HST **School Health. (3-0-3) F, S.** A survey of the school health program with emphasis on the responsibilities of school personnel. Prerequisite: Health Studies 2000C or equivalent.

3300. HST **Principles of Accident Prevention. (2-0-2) F, S.** Safety problems of modern life in the home, school, during recreation, on the highway, and at work.

3310. HST **Introduction to Driver Education. (3-2-4) F, S.** Preparation for high school driver education teachers. Includes simulation and work with beginning drivers. Prerequisites: Driver's license and safe driving record.

3320. HST **Advanced Driver Education and Traffic Safety. (3-0-3) F, S.** Administration, organization, finance, special programs, evaluation of school driver education programs.

3330. HST **Advanced Driving Maneuvers. (1-2-2) F.** Designed to teach emergency procedures and evasive actions and to help students better understand their capabilities and limitations as drivers, and the capabilities and limitations of the vehicles they drive. Prerequisite: Health Studies 3310 or permission of the instructor.

3340. HST **Accident Prevention in Schools. (2-0-2) F.** Scope of the school safety problem. Administrative, instructional and community responsibility for safe schools.

3350. HST **Industrial Safety. (2-0-2) F, S.** Trends and organizational techniques in accident prevention programs as related to industrial operations.

3400. HST **Methods of Teaching/Curriculum Development in Health. (3-0-3) F, S.** Teacher preparation in curriculum development, appraising materials, methods of presentation; includes 30 clock

hours of clinical experience. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3500. HST **Human Sexuality. (3-0-3)** A study of the biological, psychological, and cultural dimensions of human sexuality.

3560. HST **Women's Health. (3-0-3) S.** An examination of the biological and psychosocial dimensions of women's health; the relationship between women and the health care system, and the impact of cultural stereotyping on women's physical and emotional health. Prerequisites: Health Studies 2000C and Health Studies 3500 or consent of instructor.

3700. HST **Methods in Community Health Education. (3-0-3) F, S.** Overview of educational concepts and strategies applicable to a variety of health care settings; problems of individual, organizational, and community behavior; programs for organizational and community health education; contrasting models of health care, communication skills, media and materials; and planning, implementing, and evaluating educational programs. Prerequisite: Health Studies 2270.

3750. HST **Health Care Delivery Systems. (3-0-3) F, S.** Review of contemporary approaches to the delivery of health care services in the United States. Prerequisite: Health Studies 2270.

3765. HST **Principles of Epidemiology. (3-0-3) F, S.** Introduction to the concepts, principles, and methods generally useful in the surveillance and investigation of a health problem. Prerequisite: Health Studies 2270.

3770. HST **Public Health Administration. (3-0-3) F, S.** Presentation of fundamental management skills, techniques, and practices useful to any health professional in the organization setting. Emphasis placed on supervisory skills. Includes discussion of health care and business ethics. Prerequisites: Health Studies 2250, 2270 and 3750. (3750 may be taken concurrently.)

4250. HST **Planning Health Programs. (3-0-3) F, S.** This course is designed to provide the student with the elements of successful program planning. The student will learn the steps in developing, administering, and evaluating programs in health education and promotion. Prerequisite: Health Studies 2270.

4275. HST **Community Health Field Service. (Arr.-Arr.-2 or 3 or 5 or 6 or 8) (Credit/No Credit)** An individually planned internship in a community health agency or organization. Prerequisites: Health Studies 2270, 3700 or 3400 and approval of the department chairperson.

4720. HST **Instructor's Motorcycle Safety Course. (3-0-3) Su.** Overview of safety equipment and content areas for the Motorcycle Rider Course, usage of instructional media, development of safe motorcycle riding skills, and the instructing of beginning motorcycle riders.

4741. HST **Independent Study. (Arr.-Arr.-1-6)** An individual study under faculty supervision of pertinent literature, research, programs or other sources related to selected topics in Health Studies. Prerequisite: Permission of the chairperson of the department. *Note*: May be repeated; the maximum amount of credit which may be earned is six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4800. HST **Drugs and Society. (3-0-3) F, S.** A study of drugs and drug use from an historical, biological and social perspective with emphasis on the physiological and pharmacological action of drugs in the body.

4810. HST **Community Resources and Chemical Dependency. (2-0-2) F.** This course is designed to familiarize the student with self-help groups, intervention programs, and various community resources available to deal with the problem of chemical dependency. Prerequisite: Health Studies 4800.

4820. HST **DUI: Legal Issues. (2-0-2) S.** This course will familiarize the student with the state DUI laws, policies and procedures in reference to DUI; remedial education classes; evaluation and assessment of clients; and administration and scoring of tests used in DUI processes. Prerequisite: Health Studies 4800.

4890. HST **Health and Aging. (3-0-3) F.** This course is designed to examine common health changes, issues and concerns as they pertain to the aging individual.

4900. HST **Multi-Phase Driver Education. (2-2-3) S.** The five-phase driver education curriculum. Actual practice with multi-media equipment-simulators, student response systems and the multi-car range. Prerequisite: Health Studies 3310 or concurrent enrollment or permission of the instructor.

4910. HST/ SPC **Communication in Health Professions. (3-0-3) S.** A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers. Prerequisites: Health Studies 2250 and 2270, and Speech Communication 2300 and 2630, or consent of the Health Communication Minor Coordinator.

For graduate courses, see the *Graduate Catalog*.

HISTORY

Undergraduate Courses

1400. HIS **History of the Third World. (3-0-3) F, S.** Historical survey of third world countries, emphasizing cultural, geographical, religious and political influences.

1500C. HIS FC **Historical Foundations of Civilizations: Ancient to 1300. (3-0-3) F, S.** The study of the development of world civilizations across epochs, with an emphasis on global themes and global interactions. Credit will not be awarded for History 1501C or 1502C in addition to 1500C.

1501C. HIS FC **Historical Foundations of Civilizations: Early, 1300 to 1800. (3-0-3) F, S.** The study of the development of world civilizations across epochs, with an emphasis on global themes and global interactions. Credit will not be awarded for History 1501C or 1502C in addition to 1500C.

1502C. HIS FC **Historical Foundations of Civilizations: Modern from 1700. (3-0-3) F, S.** The study of the development of world civilizations across epochs, with an emphasis on global themes and global interactions. Credit will not be awarded for History 1500C or 1501C in addition to 1502C.

1590C. HIS FC **Historical Foundations of Civilizations: Ancient to 1300, Honors. (3-0-3) On demand.** The study of the development of world civilizations across epochs, with an emphasis on global themes and global interactions. Credit will not be awarded for History 1591C or 1592C in addition to 1590C. Prerequisite: Admission to the University Honors Program.

1591C. HIS FC **Historical Foundations of Civilizations: Early, 1300 to 1800, Honors. (3-0-3) On demand.** The study of the development of world civilizations across epochs, with an emphasis on global themes and global interactions. Credit will not be awarded for History 1590C or 1592C in addition to 1591C. Prerequisite: Admission to the University Honors Program.

1592C. HIS FC **Historical Foundations of Civilizations: Modern from 1700. (3-0-3) On demand.** The study of the development of world civilizations across epochs, with an emphasis on global themes and global interactions. Credit will not be awarded for History 1590C or 1591C in addition to 1592C. Prerequisite: Admission to the University Honors Program.

2010. HIS **History of the United States to 1877. (3-0-3) F, S.** The colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction.

2020. HIS **History of the United States Since 1877. (3-0-3) F, S.** The new industrial society; agrarian movement; the United States as a world power through two world wars, depression and after.

2090. HIS **History of the United States to 1877, Honors. (3-0-3) On demand.** The study of overseas antecedents of colonial period; the colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction; the election of 1876. Prerequisite: Admission to the University Honors Program.

2091. HIS **History of the United States Since 1877, Honors. (3-0-3) On demand.** The study of industrialization, corporate development, the agrarian movement, progressivism, the rise of scientific thought and technology; and the emergence of the United States as a world power through two world wars to the present. Prerequisite: Admission to the University Honors Program.

2100. HIS **African-American History. (3-0-3) F.** A history of African-Americans from their African background to the present.

2300. HIS **Western Civilization to Renaissance. (3-0-3) F, S.** A study of the origins and developments of the singular patterns of thought

and system of values that shape the Western heritage from the Classical Age to the Renaissance.

2400. HIS **Western Civilization Since the Renaissance. (3-0-3) F, S.** A study of the modernization and expansion of the West from the Renaissance to the present.

2500. HIS **Research Techniques and Sources. (1-4-3) F, S.** Instruction in the collection, organization, and use of archival data.

3040. HIS **Studies in the Social History of the United States. (3-0-3) On demand.** Survey of social changes which have affected American culture. Course topics may vary according to the instructor. May be taken only once for credit.

3100. HIS **History of England, 1066-1688. (3-0-3) F.** A survey of English History from the Norman conquest to the Glorious Revolution.

3110. HIS **Britain Since 1688. (3-0-3) S.** A survey of English History from the Glorious Revolution to the present.

3175. HIS **History of Christianity. (3-0-3) F or S, as needed.** Survey course on origins and development of Christianity from Old and New Testament times to current churches and movements: Protestant, Catholic, and Orthodox traditions, early communities, Middle Ages, Islam, Reformation, anti-Semitism, multicultural Christianity, American church history. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors.

3200. HIS **Islam. (3-0-3) On demand.** The conquests, law and customs, art and sciences of the Moslem world, including Spain, Persia, the Turks, and the Sudan.

3210. HIS **History of the Modern Middle East. (3-0-3) On demand.** A survey of the history of the Middle East from the beginning of the Ottoman Turkish Empire to the present.

3250. HIS **African History. (3-0-3) On demand.** A concentrated survey of African history from the archaeological evidence of humankind's African origins to the problems facing post-independence Africa with a primary focus on sub-Saharan Africa.

3255. HIS **Colonial Latin America. (3-0-3) F.** Survey of Latin America to Independence, focusing on the rise of the great pre-Columbian civilizations, the political, social and religious structures of colonial Iberian American civilization, and the origins and process of Independence.

3260. HIS **Modern Latin America. (3-0-3) S.** Survey of Latin America from Independence, including the nineteenth century struggle between liberalism and conservatism, the Mexican Revolution, popularist and authoritarian paths to development, the Cuban and Central American Revolutions, and the recent rise of neo-liberalism.

3300. HIS **History of China. (3-0-3) On demand.** Development of China from the Shang dynasty down to the conflict with Western powers, Maoism, and the cultural revolution.

3350. HIS **History of Russia and USSR. (3-0-3) F.** Political, economic, social, and military history of Russia, the Bolshevik Revolution, and the USSR to the present time.

3410. HIS **French Revolution. (3-0-3) On demand.** A study of the French Revolution and the concept of the revolution in general.

3420. HIS **World War II. (3-0-3) F.** A study of the background to the war, campaigns in Europe and the Pacific, and occupation policies. Prerequisite: Permission of the department chairperson.

3450. HIS **Modern Germany. (3-0-3) On demand.** A political, social, and cultural history of Germany since 1815 with emphasis on the 1848 Revolution, the German Empire, the World Wars, and divided Germany.

3510. HIS **Ancient History. (3-0-3) On demand.** Peoples and eras for 4,000 years from Sumer to Rome-- religions and law, governments and societies, arts and sciences.

3520. HIS **Medieval History. (3-0-3) On demand.** Empire and culture in the Latin West and in the Greek East-- law, education, science, art and literature, society.

3600C. HIS US **The U.S. Constitution and the Nation. (3-0-3) F, S.** A survey of the origin and development of the Constitution and its impact on the history of the United States.

3690C. HIS US **The U. S. Constitution and the Nation, Honors. (3-0-3) On demand.** A survey of the origin and development of the Constitution and its impact on the history of the United States. Prerequisite: Admission to the University Honors Program.

3700C. HIS SI **Turning Points in the History of Religion and Science. (3-0-3) On demand.** Study of the decline of the ancient religious view largely due to major developments in scientific thought: Scientific Revolution, Darwin, Freud. Does not count toward history major.

3760. HIS **The American South. (3-0-3) S.** A history of the American South with emphasis on social and cultural developments and the deviation between North and South.

3780. HIS **Frontier America and the Indian. (3-0-3) On demand.** Study of the first contacts of Europeans, Indians, and Africans to 1890.

3790C. HIS SI **Turning Points in the History of Religion and Science, Honors. (3-0-3) On demand.** Study of the decline of the ancient religious view largely due to major developments in scientific thought: Scientific Revolution, Darwin, Freud. Prerequisite: Admission to the University Honors Program.

3800. HIS **U.S. Diplomatic History. (3-0-3) On demand.** A survey of American diplomacy from the American Revolution to the present time.

3810. HIS **History of Illinois. (3-0-3) F.** A history of the state from the French regime through the Civil War to the present.

3900. HIS **Women in American History. (3-0-3) On demand.** A survey of American women's history from precolonial times to the present, with a special emphasis on the historical diversity of women's experience. Students will also be introduced to the historiography of women, men, and gender.

3910. HIS **History of American Sport. (3-0-3) On demand.** Development and impact of organized athletic endeavors in American society.

3920. HIS **Military History of the United States. (3-0-3) F, S.** A study of the American military experience. The origins, consequences, strategies, tactics and logistics of American wars will be considered as well as the role and influence of military professionalism, science, technology and society upon the conduct of those wars.

3930. HIS **Civil War and Reconstruction. (3-0-3) F, S.** A survey of the causes of the Civil War, the War, and its legacy.

3940. HIS **History of American Journalism. (3-0-3) On demand.** Survey of journalism in the United States from colonial times to the present.

3970. HIS **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4400. HIS **Independent Study in History. (Arr.-Arr.-1 to 4)** (No student may earn more than four semester hours credit.) Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson.

4444. HIS **Honors Independent Study. (3-0-3)** Consideration of special topics in History. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4555. HIS **Honors Research. (3-0-3)** In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644. HIS **Honors Thesis. (3-0-3)** Intensive research in preparation of a thesis on a topic in History approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. HIS **Honors Seminar. (3-0-3)** Areas of investigation which require integration of History and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4775. HIS **Selected Topics in History. (2-0-2 or 3-0-3 depending upon topic.) On demand.** Study of historical topics not typically presented in standard courses. Topics to be announced. May be repeated with permission of the department chairperson. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4800. HIS **The Renaissance and Reformation. (3-0-3) On demand.** A study of the intellectual and spiritual rebirth of Europe from 1350 to 1559. The Renaissance and Reformation movements

shattered the medieval world-view, challenged its institutions and authorities, and ushered in the modern world. Prerequisite: Three semester hours in courses numbered 3000 and above in history or the consent of instructor.

4810. HIS **Europe in the Nineteenth Century. (3-0-3) On demand.** A study of nationalism, and other important "isms" of the century. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4820. HIS **The World in the Twentieth Century. (3-0-3) On demand.** The apex and decline of European hegemony in the age of the world wars, class war, cold war and totalitarianism. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4830. HIS **Eastern Europe from World War I to the Present. (3-0-3) On demand.** Eastern Europe from World War I to the present. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4840. HIS **Europe Since 1945. (3-0-3) On demand.** A political, social and cultural history of Europe since World War II. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4850. HIS **Mexico, Central America and the Caribbean. (3-0-3) On demand.** This course focuses on the relationships among the following issues in Mexico, Central America and the Caribbean: racial and ethnic identity; economic development; political structures, and migration. Prerequisite: Three semester hours in courses numbered 3000 and above in history or the consent of the instructor.

4903. HIS **Colonial America to 1763. (3-0-3) On demand.** The origins of England's North American Colonies and their cultural, economic, political, social and religious development in the period ending with the French and Indian War. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4904. HIS **The American Revolution, 1763-1789. (3-0-3) On demand.** The origins of the American Revolution as the aftermath of the Great War for the Empire, the conduct of the war, the adoption of the Articles of Confederation through the culmination of the Revolution in the Constitution of the United States. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4910. HIS **The Foundation of the American Constitutional and Political System. (3-0-3) S.** Study of United States constitutional history from its roots in the Magna Carta through the modern age, with emphasis on historical controversies, disputes, and rival interpretations.

4911. HIS **History of American Violence. (3-0-3) On demand.** This course examines the role of violence in American History, looking at its political and social consequences.

4950. HIS **The Emergence of Industrial America. (3-0-3) On demand.** Focusing on the period from 1880 to 1920, this course examines the conomic, political, social, and cultural changes that accompanied the United States' transition from a rural to an urban nation.

4960. HIS **Contemporary America. (3-0-3) On demand.** Study of major issues affecting the present generation with an emphasis upon historical courses and parallels. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4970. HIS **History of Ideas in America. (3-0-3) On demand.** The development of American concepts from first settlement to the present. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor.

4980. HIS **The Historian and the Computer. (3-0-3) F, on demand.** Through hands-on exercises, students will explore use of electronic mail, gophers, the World Wide Web, and quantitative data analysis to understand how historians use computers. No previous computer experience necessary.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

INDUSTRIAL TECHNOLOGY

Undergraduate Courses

1001. INT **Introduction to Computer-Aided Design/Drawing (CAD). (1-0-1) S.** An introduction to the operation of equipment and applications of a computer-aided design/drafting (CAD) system. Experience in CAD equipment in 2- and 3-D drawing. An overview of the development, benefits and effects of CAD on the design/drafting industry.

1043. INT **Engineering Graphics. (1-4-3) F, S.** Multiview, graphs, isometric and oblique projection; sectional views and dimensioning; concepts of descriptive geometry.

1101. INT **Introduction to Robotics. (1-0-1) F.** The development, impact and effects of robots on our technological society will be emphasized. Specific robot design, application, economic considerations, control, programming, and status of robots for today and tomorrow will be presented.

1263. INT **Materials Technology. (3-0-3) F, S.** An analysis of the structure and properties of materials as well as an introduction to processing principles. Emphasis on identification, properties, characteristics and application.

1364. INT **Communications Technology. (2-4-4) F, S.** The study and application of the major technological systems used in communication, including visual and telecommunication tools, materials, and processes.

1413. INT **Technological Systems. (3-0-3) F, S.** Introduction to the study of the technological areas (production, communications, energy, transportation). To include the evolution and current status of each area as well as demonstrating the interrelationship of all three areas.

2064. INT **Materials Processing. (2-4-4) On demand.** A study of basic materials and processes used in industry. Emphasis on separating, forming, and combining processes.

2184. INT **Semiconductor Devices and Electronic Circuit Principles. (2-4-4) S.** Comparative analysis of the operating principles and characteristics of solid state devices and associated electronic components. The study includes the operation and application of basic semi-conductor circuits. Prerequisite: Industrial Technology 2324 or Physics 1160C or 1360C or permission of the instructor.

2200C. INT/ PHY PS **Materials Science. (2-0-2) F, S.** Understanding the nature, applications, and environmental effects of natural and synthetic materials. Study of recycling and reclaiming materials and the problems associated with waste. Note: Industrial Technology majors may not enroll in this course.

2324. INT **Energy Technology. (2-4-4) F, S.** Study of modifying, transmitting, and controlling of energy sources including mechanical, fluidic and electrical; with emphasis on practical application.

2953. INT **Statics and Strength of Materials. (3-0-3) F-odd-numbered years.** Study of systems of forces and couples application of mechanics to structural analysis. Topics include resultants, equilibrium of bodies and frames, trusses, moments of inertia, principal stresses and strains, torsional shear and deformation, shear and moment diagrams of beams, indeterminate structures, and elastic columns. Prerequisites: Physics 1150 or 1350 and Mathematics 1340 or 1441C.

3012. INT **Metrology and Inspection Procedures. (2-0-2) F, S.** Applications of metrology in production manufacturing, inspection instruments and procedures. Prerequisite: Junior standing.

3023. INT **Architectural Drafting and Design. (1-4-3) S.** Principles of house construction, construction details, working drawings, and specifications. Prerequisite: Industrial Technology 1043 or 1364.

3033. INT **Production Drafting and Design. (2-2-3) F.** Comprehensive study of uses and construction of production drawings in graphic communication. Prerequisite: Industrial Technology 1043 or 1364.

3043. INT **Engineering Geometry and Graphics. (2-2-3) F, S.** Advanced spatial geometry; parallel, angular and perpendicular relationship; graphical calculus; empirical equations; plane and space vectors. Prerequisites: Industrial Technology 1043; Mathematics 1340 or 1441C.

3053. INT **Computer Aided Drafting. (1-4-3) F.** Emphasis on applications to the areas of drawing, design, and analysis; including CAD hardware and software, layering, 3-D modeling, modifying and revising drawings, manipulating objects, using library symbols, and plotting. Prerequisite: Industrial Technology 1043 or 1364.

3103. INT **Robots and Control Systems. (1-4-3) S.** A study of control systems and programming languages related to robots, programmable controllers, and automated systems used for transportation control. Mechanical, electrical, and fluid control systems used for automated control will be emphasized. Prerequisite: Industrial Technology 2324 or permission of instructor.

3113. INT **Manufacturing Machine Processes. (1-4-3) F.** Study of processes involved in transforming primary materials into manufactured products through casting, molding, turning, drilling, shaping, milling, and grinding operations. Prerequisite: Industrial Technology 1263.

3123. INT **Communications Photography. (3-Arr.-3) F, S.** Black and white photography including exposure control, film processing, and print processing. Color slide processing will be included. Student furnishes SLR 35 mm camera.

3143. INT **Manufacturing Fabrication Processes. (1-4-3) S.** A study of advanced fabrication processes including forming, shaping, conditioning, fastening and finishing. Emphasis will be placed on heavy manufacturing techniques used for fabricating steel, cast iron, aluminum and plastic. Prerequisite: Industrial Technology 1263.

3183. INT **Digital Electronics. (1-4-3) F.** Introduction to the study of digital electronics with emphasis of logic gates and binary memory elements. Prerequisite: Industrial Technology 2324 or permission of the instructor.

3202. INT **Surveying. (0-4-2) S.** Field work in location, elevation, and land surveys. Prerequisites: Industrial Technology 1043 or 1364; Mathematics 1310 or its equivalent.

3203. INT **Computer Numerical Control Programming. (2-2-3) S.** Detailed study of Numerical Control Programming techniques used in manufacturing operations. This course includes a study of the principles of point-to-point and continuous path programming. Prerequisite: Industrial Technology 3113.

3233. INT **Construction Blueprint Reading. (2-2-3) F.** An in-depth study of production and interpretation of construction working drawings, specifications, codes and standards, and construction materials as they relate to residential and light commercial construction. Prerequisite: Industrial Technology 1043 or 1364.

3300C. INT/ GEL PS **Science and Technology: A Promise or a Threat? (3-0-3)** Understanding science and technology, their impact on the advancement of societies and their social and cultural consequences. Papers, discussions and extensive use of Internet are required.

3343. INT **Digital Prepress Technologies. (1-4-3) F.** Detailed study of digital prepress technologies as well as conventional film processes. Major emphasis will be on the visualization, design, image assembly and conversion of digital images for reproduction. Special emphasis will be on the technical aspects of the latest hardware and software packages used in communication and the prepress environment.

3353. INT **Communication Production. (1-4-3) F, S.** Film assembly, platemaking, offset lithography, finishing procedures, production estimating and management. Prerequisite: Industrial Technology 1364.

3400. INT **Methods of Teaching Technology Education. (3-0-3) F-even-numbered years.** Emphasis on the "delivery systems" used in teaching in the technical areas. Students will develop lesson plans and present lessons using the micro-teaching model. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3100; four courses in Industrial Technology.

3703. INT **Machine Design. (3-0-3) F, S.** Design of basic machine components: shafts, springs, bearings, gears, fasteners, belts, chains, screws, lubrication systems, welded joints, brakes, clutches, and hydraulic/pneumatic systems. Prerequisites: Physics 1350 or (Physics 1160C and Mathematics 1340 or 1441C).

3803. INT **Applied Thermodynamics. (3-0-3) F-even-numbered years.** Study of basic laws governing energy transmission. Thermodynamic properties of liquids, vapors and mixtures, the ideal gas law and the behavior of ideal gases, power and refrigeration cycles, heat transfer, and energy conversion. Prerequisites: Physics 1360C or (Physics 1160C and Mathematics 1441C or 2110C).

3920. INT **Independent Study. (Arr.-Arr.-1-5)** Independent study related to personal technological career goals in industrial technology. May be repeated to maximum of five semester hours of elective credit in industrial technology. Prerequisites: Junior standing and permission of the department chairperson.

3970. INT **Special Topics in Technology. (Arr.-Arr.-1-4)** Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Junior standing or permission of the instructor.

4002. INT **Materials Testing. (0-4-2) F, S.** Applied analysis of mechanical and physical properties of industrial materials. Prerequisites: Industrial Technology 1263; Physics 1150 or Physics 1350, Mathematics 1271 or its equivalent.

4003. INT **Research, Experimentation and Development in Technology. (1-4-3) On demand.** May be repeated in a different technical area on a (0-4-2) basis. Individual indepth research, laboratory, and/or industrial experimentation of a student-selected topic in the areas of communication, production, power or energy.

4023. INT **Manufacturing Automation. (3-0-3) F.** Detailed study of the critical elements in automated and computer integrated production systems. This course will include a study of group technology, computer process planning, flexible manufacturing systems, and integrated computer aided design and manufacturing systems (CAD/CAM). Prerequisite: Industrial Technology 3053, 3113 or 3203.

4123. INT **Advanced Photographic Imaging. (1-4-3) S.** Detailed study of technical equipment and skills necessary for quality photographic imaging. Use of large format cameras, special films, image transfer techniques with Polaroid film, manipulation of digital images as well as special effects photography will be included. Students must provide their own SLR 35 mm camera. Prerequisite: INT 3123 or permission of the instructor.

4183. INT **Microprocessors. (2-2-3) S.** An introduction to the operation, use, and application of microprocessor circuitry. The study includes MPU principles and operation, machine language, programming, comparison of various MPU's, and microprocessor interfacing. Prerequisite: Industrial Technology 3183 or permission of the instructor.

4222. INT **Principles of Cost Estimating. (2-0-2) F.** Procedures in estimating material, labor and fabrication costs. Prerequisite: Industrial Technology 3023 or 3233.

4243. INT **Construction Practices. (3-0-3) S.** Methods, materials, and procedures in construction management. Contracting, personnel management, specification procedure, fabrication techniques. Prerequisite: Industrial Technology 3023 or 3233.

4274. INT **Industrial Electronics. (2-4-4) F.** Study of industrial control of processes, materials, machines, energy, and information. Theory and application of electronic instrumentation devices, transducers, and elements in measuring temperature, density, level, flow, viscosity, humidity, pH and displacement. Prerequisite: Industrial Technology 2184 or permission of the instructor.

4275. INT **Industrial Internship. (Arr.-Arr.-1 to 10) (Credit/No Credit)** Employment experience in an area related to the student's option. Prerequisites: Permission of the department chairperson; junior standing.

4444. INT **Honors Independent Study. (Arr.-Arr.-1-4)** Independent Study in Industrial Technology is designed for the individual needs of the student as related to student's career goals in Industrial Technology. May be repeated for up to four semester hours. May be counted toward the 15 hours of required coursework in a technical concentration. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4555. INT **Honors Research. (Arr.-Arr.-3)** Research in Industrial Technology is undertaken with close supervision of a School of Technology faculty member. A written report is required. Required of students in the Departmental Honors Program. May be counted toward the nine hours of required Industrial Technology electives for the major. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4602. INT **Physical Metallurgy. (0-4-2) S.** Methods of altering, controlling and determining physical properties of metals. Prerequisite: Industrial Technology 1263.

4644. INT **Honors Thesis. (Arr.-Arr.-2-3)** Written thesis based upon a survey of related literature and student's original research performed under the close supervision of a School of Technology faculty member. At least two semester hours are required of students in the Departmental Honors Program. May not be repeated. May be counted toward the technical concentration or required electives in Industrial Technology with the approval of the Departmental Honors advisor or coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Department Chair.

4673. INT **Work Measurement and Method Design. (3-0-3) S.** Principles of motion and time study and methods engineering for the purpose of increasing productivity and reducing human effort. Special emphasis will be given to design and measurement of work in industrial environments. Prerequisites: Industrial Technology 1263 and Mathematics 2110C or 1441C.

Courses Open to Juniors, Seniors, and Graduate Students

4800. INT/ COM/ MGT **Management of Innovation and Technology. (3-0-3). As needed.** Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Prerequisite: Senior standing.

4803. INT **Plant Layout and Material Handling. (3-0-3) F.** Study of the arrangement of physical facilities and material handling to optimize the interrelationships among operating personnel, material flow, and the methods required in achieving enterprise objectives efficiently, economically, and safely. Prerequisite: Computer and Operations Management 3950 or six semester hours of coursework in Industrial Technology.

4813. INT **Advanced Desktop Publishing. (1-4-3) S.** Class experiences will focus on the preparation of text and graphics, page layout and the merging of graphic elements into a completed document. The use of scanners, the design of networks, and the selection of hardware and software are also highlighted. Prerequisites: A college computer graphics course and permission of the instructor.

4843. INT **Statistical Quality Assurance. (3-0-3) F, S.** Principles of total quality control; Shewhart control charts; acceptance sampling; capability and reliability studies. Prerequisites: Mathematics 1271 or its equivalent, junior standing.

4853. INT **Polymers and Composites. (2-2-3) F.** Study of polymeric and composite material fundamentals, manufacturing processes and applications including plastics and rubber, polymeric composites and other composite materials. Prerequisites: Industrial Technology 1263; Physics 1150 or 1350; and Chemistry 1310 or 1300 and Chemistry 1315; or permission of the instructor.

4943. INT **Manufacturing Management. (3-0-3) F, S.** Survey of technical management areas in a manufacturing operation. This course will include but not be limited to a study of production control methods, plant layout, scheduling, inventory control, and other phases of planning, organizing, and controlling a manufacturing operation. Prerequisites: Management 3010 and either Mathematics 2110C or 1441C or permission of the instructor.

4970. INT **Special Topics in Technology. (Arr.-Arr.-1-4) On demand.** Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisiste: Permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

INFORMATION SERVICES AND TECHNOLOGY

Please note that courses in Information Services and Technology will be offered as frequently as possible. For a specific schedule of courses, students should contact the Chairperson of the Department of Secondary Education and Foundations.

Undergraduate Course

1200. IST **Introduction to Library/Media Use. (2-0-2)** Methods and techniques to help students learn to use libraries and library materials effectively.

Courses Open to Juniors, Seniors, and Graduate Students

4850. IST **Computer Systems Applications. (2-2-3)** Introduces applications of computer systems in instruction. Prerequisite: Completion of an introductory computer course or equivalent experience.

4870. IST **Communication, Resources and Technology. (2-2-3)** Theory and principles of communication and technology in the use of instructional resources. Includes methods and techniques, equipment operation, and simple production skills.

4970. IST **Special Topics in Technology. (Arr.-Arr.-1-4) On demand.** Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

JOURNALISM

Undergraduate Courses

2001C. JOU HB **Journalism and Democracy. (3-0-3)** An examination of the role of journalism and news in a democracy, the effects of the news media on society and the individual, the importance of an informed electorate in a free society, and the responsibility of citizens to know, think and speak out about public issues. General education credit not given for both Journalism 2001C and Speech Communication 2001C.

2091C. JOU HB **Journalism and Democracy, Honors. (3-0-3) On demand.** An examination of how news and the media affect individuals and society and how both interact with the media. Special emphasis will be given to the role of media in a democracy and news in society. General education credit may not be granted for both Journalism 2091C and Speech Communication 2001C or 2091C. Prerequisite: Admission to the University Honors Program.

2101. JOU **Newswriting I. (2-2-3)** Principles of gathering and writing news; lab experiences with basic news stories. Interview techniques, writing of obituaries and speech stories. Prerequisites: Compliance with the Journalism Writing Competency Standard, typing skill 25 wpm and Journalism 2001C, or permission of the department chairperson.

3000. JOU **Newswriting II. (2-2-3) F, S.** Advanced techniques of reporting for newspaper and telecommunications; laboratory experience with public affairs reporting. Prerequisites: A minimum grade of "C" in Journalism 2101 and compliance with the Journalism Writing Competency Standard.

3001. JOU **News Photography. (2-2-3)** Photographic work in journalism with emphasis on photo content. Prerequisite: A minimum grade of "C" in Journalism 2101 or permission of the instructor.

3002. JOU **Introduction to Copyediting. (1-2-2)** The study of principles and practices of editing copy, including duties and role of copy editor and copy flow patterns in the process of preparing local and wire service articles for publication or broadcast. Prerequisites: A minimum grade of "C" in Journalism 2101 and compliance with the Journalism Writing Competency Standard.

3102. JOU **Feature Writing. (3-0-3) S.** Study and practice of developing and writing feature material for newspapers and magazines, including information-gathering, marketing, and surveying the place of features in the print media. Prerequisite: A minimum grade of "C" in Journalism 2101 or permission of the instructor.

3301. JOU **News Editing. (1-2-2) F, S.** The study of principles and practices of headline writing, use of graphics, and layout as used principally in newspapers. Prerequisites: A minimum grade of "C" in Journalism 3000, 3002, and junior standing, or permission of the instructor. Credit will not be given for both Journalism 3301 and 3302.

3302. JOU **Public Relations and Magazine Editing. (1-2-2) F, S.** The study of principles and practices of headline writing, use of graphics, and layout as used in public relations publications and magazines. Prerequisites: A minimum grade of "C" in Journalism 3002 and junior standing or permission of the instructor. Credit will not be given for both Journalism 3302 and 3301.

3501. JOU **Principles of Advertising. (3-0-3) S.** Principles of advertising with special emphasis on newspaper design and sales. Prerequisite: A minimum grade of "C" in Journalism 3301 or 3302 or permission of the instructor.

3820. JOU **Publicity Methods. (3-0-3)** Publicizing events, products and organizations through the press. Practical application stressed. For those who will do publicity as part of their careers in business, family and consumer sciences, science, etc. Not open to journalism majors.

3903. JOU **Women and the Media. (3-0-3)** An overview of women's roles as media participants and consumers. Effects of media treatment of women on society and individuals. Examination of the images and roles of women in media such as newspapers and magazines. Prerequisite: English 1002C.

3920. JOU/ SPC **Public Relations in Society. (3-0-3) F.** A study of the impact public relations has in society with major emphasis on providing information to the media (publicity); establishing mutually beneficial relations (employee, consumer, and community relations); and serving as the organization's conscience (counseling).

3950. JOU **Special Topics. (Arr.-Arr.-1 to 3) On demand.** A course devoted to special topics in journalism. May be taken as many as two times with permission of the department chairperson and the Dean of the College of Arts and Humanities. Prerequisites: Journalism 2001C and permission of the instructor.

3951. JOU **Minorities and the Media. (3-0-3) S.** A course devoted to the purpose, problems, and present status of the minority press in the United States, and to the treatment of minorities in the majority media. Students are encouraged to develop research interests and to present their discoveries through oral and written presentation. Prerequisite: English 1002C.

3952. JOU **International Journalism and the World Press: Processes, Issues, Functions and Challenges. (3-0-3) S.** A course devoted to the study of world press systems. The course will examine issues and processes of international news dissemination as well as the nature and functions of the press in selected countries/regions, with an emphasis on socio-political and economic factors.

4001. JOU **Newspaper Management. (3-0-3). On demand.** Understanding of skills and attitudes necessary to publish a community newspaper. Prerequisite: Journalism 4101 or permission of the instructor.

4101. JOU **Communication Law. (3-0-3) F, S.** The legal limitations and and rights of journalists. In-depth studies of First Amendment theory, libel, privacy, free press and fair trial, access to information, confidentiality and copyright. Prerequisite: A minimum grade of "C" in Journalism 3000 or permission of the instructor.

4102. JOU **Journalism Ethics. (2-0-2) F, S.** Ethical principles and issues of journalism; philosophical and professional standards of reporting and editing for newspapers and broadcast journalism. Prerequisite: A minimum grade of "C" in Journalism 3301 or 3302 or permission of instructor.

4275. JOU **Journalism Internship. (Arr.-Arr.-1-3) (Credit/No Credit)** Actual training in a print or electronic news medium or in a related professional journalism environment. Prerequisite: Journalism 4101 or permission of instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4750. JOU **Independent Study. (Arr.-Arr.1-3) On demand.** Individual pursuit of in-depth study of selected topic in Journalism developed by student. Prerequisites: 75 semester hours and approval of the Department of Journalism chairperson. Course may be repeated for maximum of three semester hours with approval of Journalism chairperson.

4751. JOU **Photojournalism: Photoediting and Design. (3-0-3) S.** Theory and practice of the photoessay, photostory and other extended forms of photojournalism from inception to display. Stresses magazine-style presentation in book, magazine and newspaper form. Prerequisite: A minimum grade of "C" in Journalism 3001 or permission of instructor..

4760. JOU **Publication Design. (3-0-3) F, S.** Study and application of advanced editing, typography, graphics, and the design of magazines, newspapers, public relations pieces, advertisements, and yearbooks. Prerequisite: A minimum grade of "C" in Journalism 3301 or 3302 or permission of instructor.

4770. JOU **News Media Opinion Writing and Editing. (3-0-3) S.** Study and practice of how news media perform their opinion function, with emphasis on writing editorials and editing newspaper opinion pages. Prerequisite: Journalism 4102 or permission of instructor.

4801. JOU **Issues in Supervising High School Publications. (1-0-1) On demand. Su.** Study of the issues faced by advisers to high school publications with emphasis on adviser, administration and staff relationships; staff recruitment and motivation; publication, finance and management; and legal and ethical issues. Prerequisite: Permission of instructor.

4802. JOU **Issues in Supervising High School Newspapers. (1-0-1) On demand. Su.** Study of the issues faced by advisers to high school newspapers with emphasis on the adviser's roles and duties; development and implementation of editorial policies; staff organization; development of content; and writing, editing, design and production. Prerequisite: Journalism 4801 or permission of instructor.

4803. JOU **Issues in Supervising High School Yearbooks. (1-0-1) On demand. Su.** Study of the issues faced by advisers to high school yearbooks with emphasis on the adviser's roles and duties; development and implementation of editorial policies; staff organization; development of content; and writing, editing, design and production. Prerequisite: Journalism 4801 or permission of instructor.

4804. JOU **Special Topics in Supervising High School Publications. (1-0-1 or 2-0-2) On demand. Su.** In-depth study of selected topics related to supervising high school publications. May be taken as many as three times with permission of the department chair. Prerequisite: Permission of the instructor.

4900. JOU **Journalism Seminar. (3-0-3) On demand.** In-depth study of various topics in journalism. Prerequisite: A minimum grade of "C" in Journalism 3301 or 3302 or permission of instructor.

4919. JOU/ SPC **Public Relations Techniques. (3-0-3)** Effective techniques of a public relations program including basic concepts and principles of the public relations profession, the roles and functions, planning, managing, and executing campaigns. Prerequisite: Journalism 3302.

4920. JOU **Case Studies in Public Relations Problems. (3-0-3) F, S.** Public relations case problems in industry, business, labor, education, government social welfare and trade associations; the application of public relations techniques. Prerequisite: Journalism 4919 or permission of the department chairperson. Credit not granted for both Journalism 4920 and Speech Communication 4920.

For graduate courses, see the *Graduate Catalog*.

JUNIOR HIGH EDUCATION

(See Middle Level Education)

LATIN AMERICAN STUDIES

Undergraduate Course

4400. LAM **Independent Study. (Arr.-Arr.-3) On demand.** Individual study of a topic of the student's choice under the direction of a faculty member approved by the Chairperson of the Latin American Studies Committee. The student must submit and receive approval of a detailed study plan prior to central registration. Prerequisite: Enrollment in the Latin American Studies minor; consent of supervising faculty member and permission of the Chairperson of the Latin American Studies Committee.

RECREATION ADMINISTRATION

Program offered by the Department of Leisure Studies

Undergraduate Courses

1320. LST **Leadership in Recreation. (2-2-3) F, S.** Basic philosophies of recreation and techniques of leadership in the field of recreation, with practical experiences in the field of recreation with emphasis on face-to-face leadership. Field trip.

1780. LST **Introduction to Leisure Service Agencies. (2-0-2) F, S.** A study of the history and philosophy of recreation and an introduction to various leisure service agencies. Field trip.

2250. LST **Introduction to Therapeutic Recreation. (2-2-3) F, S.** Introduction to the characteristics, abilities, and terminology of special populations with emphasis upon the development and implementation of programs. Practical experiences working with individuals with disabilities.

2290. LST **Programming for Leisure Agencies. (2-0-2) F, S.** Development of recreation activities including planning, scheduling, publicity and evaluation for a variety of leisure service agencies. Prerequisite: Six semester hours of recreation courses.

2500. LST **The Challenge of Leisure. (3-0-3) F, S.** A study and evaluation of the effect of leisure in our lives and assessment of individual leisure participation.

3250. LST **Program Planning in Therapeutic Recreation. (3-0-3) F.** The development of therapeutic recreation programs for individuals with disabilities. Includes the therapeutic recreation service model, program design, and related areas such as program philosophy, program focus, and appropriate intervention and facilitation techniques.

3300. LST **Commercial and Employee Recreation. (3-0-3) F, S.** The exploration of recreation as a profit-making enterprise surveying the development and operation of goods and services offered in the leisure market. The exploration of the history, scope, place and relationship of industrial-employee recreation. Field trip.

3310. LST **Travel and Tourism. (3-0-3) F.** The study of travel and tourism with emphasis on terminology, social and economic impacts, travel trends and motivations, costs and benefits of tourism development. Prerequisites: Sophomore standing and six hours of behavioral sciences and/or business-related courses.

3360. LST **Therapeutic Recreation for Selected Populations. (3-0-3) S-even-numbered years.** A course designed to provide the student with general information, characteristics, limitations, and potentials of selected populations with disabilities. Special emphasis will be given to the importance of the development, maintenance, and expression of an appropriate leisure lifestyle for individuals with physical, mental, emotional or social limitations. Prerequisite: Leisure Studies 2250.

3510. LST **Camp Administration and Leadership. (2-0-2) S.** Organization and administration of camps including: Business operation, maintenance, operation, program planning, counselor training, and camp standards and regulations.

3515. LST **Camping for Individuals with Disabilities. (2-Arr.-3) F.** Overview of individuals with disabilities with special focus on working in a socio-recreation environment. Students will have involvement in writing objectives and activity plans, and developing and conducting weekend camps for a group of individuals with disabilities. Prerequisite: Leisure Studies 2250 or permission of the instructor.

3550. LST **Fieldwork in Recreation I. (1-Arr.-3) F, S.** Students are assigned to public or private agencies in the community for the purpose of organizing and conducting activities under supervision. There is discussion of problems associated with in-service training. Prerequisites: Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both Leisure Studies 3550 and 3551.

3551. LST **Fieldwork in Recreation II. (0-Arr.-3)** Students will be assigned to work full time at an entry-level recreation position under the supervision of a full-time recreation professional. A minimum of 30 hours per week for eight weeks will be required for all students enrolling in this course. Prerequisites: Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both Leisure Studies 3550 and 3551.

3560. LST **Outdoor Living Skills. (1-2-2) S.** Study of approved techniques for out-of-doors living and survival skills. Practical experience provided.

3600. LST **Planning and Design of Leisure Facilities. (3-0-3) F, S.** An introduction to the planning principles used in the design and development of recreation areas and facilities. Emphasis is on the planning process and the relationships existing between human needs and environmental resources. Special consideration is given to the accessibility needs of individuals with physical limitations. Field trips. Prerequisite: Leisure Studies 2290.

3860. LST **Environmental Interpretation. (1-2-2) F-even-numbered years.** An overview of environmental interpretation as it applies to both natural and man-made areas to acquaint the student with techniques and resources available for the implementation of interpretative programs within various park and recreation agencies. Field trips. Prerequisite: Environmental Biology 3010C or permission of the instructor.

3900. LST **Operation of Leisure Facilities. (3-0-3) F-odd-numbered years.** A study of methods and materials necessary for the operation and maintenance of recreation parks and other outdoor recreation areas. Information considered will involve a non-scientific approach to such areas as horticulture, agronomy, landscaping, general construction, paving, equipment and maintenance operation.

3910. LST **Microcomputers in Leisure Studies. (3-0-3) S.** This course is designed to orient students to the various kinds of software and hardware being used in the leisure-related occupations. History, hardware and software selection is included. Prerequisites: No minimum programming level requirements; this is not a programming course.

3960. LST **Special Topics in Leisure Studies. (1-0-1), (2-0-2), (3-0-3) On demand.** Special topics and controversial trends in the area of leisure will be studied. May be repeated up to six hours with permission of Department Chair. Prerequisite: Junior standing or nine hours of Leisure Studies and/or behavioral sciences.

4275. LST **Internship. (Arr.-Arr.-6 or 7 or 8 or 9) (Credit/No Credit)** A field experience to include full-time assignment to an established recreation program. Prerequisite: Leisure Studies 3550 or 3551.

4355. LST **Client Assessment in Therapeutic Recreation. (2-2-3) F-even-numbered years.** A course designed to expose students to methods and techniques used for assessing leisure and recreation needs and determining appropriate goals for individuals with disabilities. An integral part of this course is the field practicum required of all students. The practicum occurs at various settings in the Charleston area. Prerequisites: Leisure Studies 2250 and 3250 or permission of the instructor.

4444. LST **Honors Independent Study. (Arr.-Arr.-1)** Consideration of special topics in leisure studies. Special emphasis on an area of interest to the student approved by the faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644. LST **Honors Thesis. (Arr.-Arr.-3)** Intensive research in preparation of a thesis on a topic in leisure studies approved by the faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. LST **Honors Seminar. (Arr.-Arr.-3)** Areas of investigation which require integration of leisure studies and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice.

4740. LST **Research and Evaluation in Leisure Studies. (3-0-3) F, S.** An introduction to the research process as it applies to the field of leisure services. Covers various forms of research but will emphasize applied research, especially program evaluation and feasibility issues. Prerequisite: Leisure Studies 3600.

4741. LST **Independent Study. (Arr.-Arr.-1 to 6)** Independent study may be undertaken for a number of projects such as: Positions working at a professional recreation agency, service projects for departmental and university organizations, surveys and research projects, research papers, and other investigative reports, reading and interpretation of literature in the field, and other student proposals. Credit is allowed from one to six semester hours with a maximum of three semester hours for any one project. Contact department chairperson for information.

Courses Open to Juniors, Seniors, and Graduate Students

4790. LST **Swimming Pool Management and Operation. (3-0-3) S.** This course orients the student in the design of swimming pools, water treatment, maintenance problems, operational procedures, and program planning. Field trips are included.

4820. LST **School Recreation and Intramural Sports. (2-2-3) Su.** The philosophy of intramurals and school recreation dealing with the functions and techniques of administrative personnel including scheduling and programming of a variety of school recreational activities. Practical experience is provided. Credit not granted for both Leisure Studies 4820 and Physical Education 4820. Scheduled under Physical Education 4820.

4830. LST **Administration of Leisure Services. (3-0-3) F, S.** Exploration of philosophical viewpoints underlying a recreation program; criteria for evaluating the recreational potential of a community; administrative problems related to park and recreation programs. Prerequisite: Twelve semester hours of recreation class credit or permission of instructor. Field trip.

4850. LST **Financial Practices for Leisure Service Agencies. (3-0-3) F, S.** The investigation of the financial structures, resources, budget management and accounting procedures for public and private recreation agencies.

4860. LST **Promotion of Leisure Services. (2-0-2) S.** Development of concepts and procedures in the promotion, pricing and marketing of Leisure Services. Prerequisite: Minimum of 15 hours of Leisure Studies classes, or, for graduate credit, permission of instructor.

4950. LST **Therapeutic Leisure Services for the Aged. (3-0-3) S-odd-numbered years.** Scope of the therapeutic recreation services available through private and public agencies; analysis of programs designed for persons with physical, emotional, intellectual or social disorders and handicaps. Practical experiences are provided.

For graduate courses, see the *Graduate Catalog*.

MANAGEMENT

Undergraduate Courses

2750. MGT **Legal and Social Environment of Business. (3-0-3)** A study of the legal and social environment in which businesses operate, including structure and operation of legal institutions, development of common law and legislation, ethics and social responsibility, government regulation of business, contracts, and the international legal environment. Prerequisite: Completion of 30 semester hours or more.

3010. MGT **Management and Organizational Behavior. (3-0-3)** Organization fundamentals: objectives, functions, structure and operational procedure, interpersonal relationships, control and motivation systems, and communications. Prerequisite: Junior standing.

3091. MGT **Management and Organization Behavior, Honors. (3-0-3) On demand.** Organization fundamentals: objectives, functions, structure and operational procedures, interpersonal relationships, control and motivational systems, and communications. Prerequisites: Junior standing and admission to the College Honors Program.

3450. MGT **Human Resource Management. (3-0-3)** A survey of concepts relating to the personnel function: Recruitment, selection, compensation, labor relations, training and development, and performance appraisal. Prerequisite: Management 3010.

3470. MGT **Commercial Law. (3-0-3)** A survey of law of sales, commerical paper, secured transactions, debtor-creditor law, and bankruptcy. Prerequisites: Management 2750 and junior standing.

3480. MGT **Law of Business Organizations. (3-0-3)** A survey of the law of agency, partnerships, corporations, insurance, real estate and estates. Prerequisites: Management 2750 and junior standing.

3830. MGT **Managerial Communications. (3-0-3)** A study of the preparation, organization, and presentation of written and oral research-oriented reports required for job-related assignments based on business or technical positions. Prerequisite: Junior standing.

3970. MGT **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. MGT **Internship in Management. (Arr.-Arr.-3 or 6 or 9 or 12) (Credit/No Credit)** On-the-job experience in a phase of management for one semester in a firm approved by the department chairperson. Prerequisites: Management 3010 and approval of department chairperson. Up to 12 hours of internship credit may be counted for graduation.

4310. MGT **Organizational Behavior. (3-0-3) F, S.** A study of concepts and theories relating to the behavior of individuals and groups in organizations. Prerequisite: Management 3010.

4320. MGT **Small Business and Entrepreneurship. (3-0-3)** Study of small business managment and entrepreneurship. Topics include role of small business, knowledge needed to start a business, and the business plan. Prerequisites: Management 3010, Marketing 3470, Finance 3710.

4340. MGT **Strategic Quality Management. (3-0-3) F, S.** A study of organizations and management from a Macro perspective. Emphasis is on the systems approach and the application of quality management principles and practices in designing organizational structures. Prerequisite: Management 3010.

4360. MGT **Strategy and Policy. (3-0-3)** A comprehensive analysis of strategic management processes in organizations. This is the capstone course which requires expertise from the functional areas to develop broad concepts, theories and techniques to develop socially responsible strategies and policies in a global environment. Prerequisites: Accountancy 2100, 2150, Administrative Information Systems 2100 or Computer and Operations Management 2100, Computer and Operations Management 2810, 3950 and 4250, Finance 3710, Management 2750, and 3010, Marketing 3470, and senior standing. (Note: Computer Management majors are not required to take Computer and Operations Management 4250, and Business Education majors are required to take Business Education 4750 instead of Computer and Operations Management 3950.)

4370. MGT **Compensation Management (3-0-3) F, S.** A comprehensive analysis of the compensation management processes and practices in organizations. Prerequisites: Management 3010 and 3450.

4391. MGT **Strategy and Policy, Honors. (3-0-3) S.** Prerequisites: Accountancy 2100 and 2150, Administrative Information Systems 2100 or Computer and Operations Management 2100, Computer and Operations Management 4250, Finance 3710, Computer and Operations Management 2810, 3950, Management 2750, 3010, Marketing 3470, senior standing, and admission to the College Honors Program. (Note: Computer Management majors are not required to take Computer and Operations Management 4250, and Business Education majors are required to take Business Education 4750 instead of Computer and Operations Management 3950.)

4450. MGT **Labor Relations and Employment Law. (3-0-3)** A study of the legal framework governing regulation of human resource management, including equal employment opportunity laws, workers' compensation, occupational safety and health, labor law, and grievance resolution. Prerequisites: Management 2750 and 3450.

4500. MGT **Human Resource Development. (3-0-3) F, S.** A study of the human resource staffing functions with an emphasis on human

resource development (HRD). Topics include recruitment, selection, training and development, and TQM in human resource management. Prerequisite: Management 3450.

4550. MGT **Current Issues in Human Resources Management. (3-0-3) S.** A study of the current issues in Human Resource Management (HRM). Topics include current trends, issues and their applications in HRM. Prerequisite: Management 3450.

4700. MGT **Special Topics in Management. (3-0-3) F.** A study of management techniques: What they are, how to use them, and the results that might be expected from their application. Prerequisite: Management 3010.

4740. MGT **Independent Study. (Arr.-Arr. 1, 2, or 3)** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, cumulative grade point average of 3.0 or higher; consent of the supervising instructor and approval of a completed application by the department chairperson prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4800. MGT/ COM/ INT **Management of Innovation and Technology. (3-0-3). As needed.** Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Prerequisite: Senior standing.

4920. MGT **International Business Policy and Operation. (3-0-3) On demand.** Contemporary theories and practices in management of international business firms. Prerequisites: Junior standing and Economics 3860 or permission of the instructor.

4950. MGT **Management Consulting Research. (Arr.-Arr.-3) S.** Students in this course will be provided with the opportunity to perform consulting service for small business firms in east central Illinois. Prerequisite: Senior or graduate standing in the Lumpkin College of Business and Applied Sciences.

MARKETING

Undergraduate Courses

3470. MAR **Principles of Marketing. (3-0-3)** Marketing concepts including the analysis of the marketing environment and the strategic variables of product, price, distribution, and promotion. Prerequisite: junior standing.

3490. MAR **Marketing Channels. (3-0-3)** Analysis of the roles of intermediaries and facilitating agencies in the marketing channel system, focusing on the channel management of the transactions, product movement, and information flows. Prerequisites: Marketing 3470 and Accountancy 2100.

3491. MAR **Principles of Marketing, Honors. (3-0-3)** Marketing concepts including the analysis of the marketing environment and the strategic variables of product, price, distribution, and promotion. Prerequisites: Economics 2802, junior standing, and admission to the College Honors Program.

3720. MAR **Buyer Behavior. (3-0-3)** The buying process at the levels of ultimate consumer, intermediate reseller and industrial user; psychological, sociological and economic foundations of buying behavior. Prerequisite: Marketing 3470.

3780. MAR **Promotion Management. (3-0-3) F.** Development of comprehensive, non-personal, promotional campaigns to effectively communicate product offerings and organizational messages to target audiences. Prerequisite: Marketing 3470.

3860. MAR **Marketing Research. (3-0-3)** Nature and scope of marketing research; scientific method and research designs; specific marketing research procedures; research report and follow-up. Problems. Prerequisites: Marketing 3470 and Computer and Operations Management 2810 or its equivalent.

3875. MAR **Retail Management. (3-0-3) F.** The objective of the course is to provide a framework for analyzing internal and external environment factors which affect the firm's retailing activities. Emphasis is placed on the firm's decisions and policies relating to demand analysis, spatial decisions, merchandise policies, pricing strategy, and promotion activities. Consideration is also given to retail control methods. Prerequisite: Marketing 3470.

3876. MAR **Product Development and Brand Management. (3-0-3) S.** A study of the process of product planning and development as related to venture management. Prerequisite: Marketing 3470 and 3860.

3970. MAR **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4100. MAR **Special Topics in Marketing. (3-0-3) F.** Special topics in marketing. Topics to be announced. Prerequisite: Marketing 3470.

4275. MAR **Internship in Marketing. (Arr.-Arr.-3 or 6 or 9 or 12) (Credit/No Credit)** On-the-job experience in some phase of marketing for one semester, in a firm approved by the department chairperson. Prerequisites: Marketing 3470 and approval by the department chairperson. Up to 12 hours of internship credit may be counted for graduation.

4470. MAR **Professional Sales. (3-0-3) F, S.** Students develop professional sales presentations through the application of both oral and written communication skills in the determination and satisfaction of buyers' needs. Prerequisite: Marketing 3470.

4480. MAR **Sales Management. (3-0-3) F, S.** This course encompasses the study of the marketing management function of planning, organizing, directing, and evaluating the sales efforts, emphasizing effective structure, supervision, and evaluation of the outside sales force and the sales support organization. Prerequisite: Marketing 4470.

4490. MAR **International Marketing. (3-0-3) S.** An introduction to foreign trade with emphasis on international marketing institutions, cooperation, and technical features of overseas operations. Prerequisite: Marketing 3470.

4700. MAR **Marketing Strategies. (3-0-3) F, S.** A study of the analysis, planning, implementation and control of marketing activities which are designed to achieve consumer satisfaction and the objectives of the organization. Prerequisites: Twelve semester hours of marketing and senior standing.

4740. MAR **Independent Study. (Arr.-Arr.-1, 2, or 3)** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Marketing 3470, senior standing, cumulative grade point average of 3.0 or higher, consent of the supervising instructor and approval by department chairperson prior to registration.

MATHEMATICS

In planning student programs it is important to check the course prerequisites including placement exam requirements as listed with the course descriptions below. "High school mathematics" as used here includes high school courses in algebra, geometry, and trigonometry and modern courses which integrate these subjects; it does not include "general mathematics," "consumer mathematics," "shop mathematics," etc.

A tutoring service is available in the Department of Mathematics throughout the year for students who may need assistance in undergraduate courses.

Courses in the Department of Mathematics are designed to serve the following purposes: (1) to contribute to the development of an informed citizenry; (2) to provide specific skills and knowledge of the discipline for those who plan to pursue careers in teaching mathematics or industry; (3) to provide the background for graduate study; and (4) to provide service for those disciplines outside mathematics.

Except for Mathematics 1441C, proficiency credit will not be allowed for courses numbered below 2000.

Undergraduate Courses

1000. MAT **Diagnostic Mathematics. (0-3-1) (Credit/No Credit)** Mathematics 1000 is not a specific course but an opportunity for those students who are underprepared in the area of mathematics. Students in Mathematics 1000 work through an individualized set of mathematical experiences designed to help them develop the skills and knowledge needed to prepare them for the mathematics courses required in their majors. Does not count toward graduation; does not count in cumulative GPA.

1009. MAT **The Computer as an Intellectual Tool. (2-1-2)** Microcomputer applications: the word processor, spread sheet, and file manager. Large computer applications: the data base system and statistical package. Brief introduction to programming. History and social implications of computing. Credit will not be given for both Administrative Information Systems 2100 and Mathematics 1009.

1099. MAT **Microcomputer Programming with Applications. (1-2-2) F, S.** Microcomputer programming in BASIC through algorithmic thinking. Applications of microcomputers to various disciplines, current technology, and graphics. Credit is not given for this course if student has credit for another college-level programming course.

1160C. MAT QR **Mathematics, A Human Endeavor. (3-0-3) F, S.** Gain a broader view of what mathematics is about through an introduction to fundamental areas of mathematics not usually covered in pre-university courses. Prerequisite: English 1001C and satisfactory completion (C or better) of high school Geometry and Algebra II, or Mathematics 1271; or satisfactory Level II placement test score.

1170C. MAT QR **Problem Solving. (3-0-3) S.** A writing-intensive course in which students are presented with challenging problems in recreational mathematics and are required to develop their own problem-solving strategies and tactics. Students are asked to be both Sherlock Holmes and Dr. Watson. Prerequisite: English 1001C and satisfactory completion (C or better) of high school Geometry and Algebra II, or Mathematics 1271; or satisfactory Level II placement test score. This course should not be considered as preparatory for other courses in mathematics.

1180C. MAT QR **Historical Development of Mathematics. (3-0-3) F.** Examine the nature of mathematical problem-solving by taking an area such as geometry, infinity, equations, calculus, etc., and considering its development from an historical perspective. Prerequisite: English 1001C and satisfactory completion (C or better) of high school Geometry and Algebra II, or Mathematics 1271; or satisfactory Level II placement test score. This course should not be considered as preparatory for other courses in mathematics.

1270. MAT **Algebra I. (3-0-2) (Does not count in cumulative grade point average or for graduation)** Equations, exponents, absolute value, inequalities, polynomials, factoring, real and complex numbers, synthetic division, radicals, quadratic equations. Prerequisite: Satisfactory Level II placement test score.

1271. MAT **Algebra II. (3-0-3)** Linear and quadratic functions and inequalities; exponential, logarithmic, and inverse functions; applications to business; algebra of functions and matrices; row elimination; graphing. (Recommended as preparation for Mathematics 2110C.) Prerequisite: Mathematics 1270 with a grade of C or better, or satisfactory Level II placement test score.

1310. MAT **College Trigonometry. (2-0-2)** Basic concepts of right triangle trigonometry with applications. Corequisite of Mathematics 1271 or Mathematics 1400 or satisfactory Level II placement score. Not open to math majors or students who have completed or are enrolled in Mathematics 1330.

1330. MAT **Analytical Trigonometry. (2-0-2)** Analytical approach to trigonometry, its properties and applications. (Recommended as preparation for Mathematics 1441C.) Prerequisite: Satisfactory Level III placement score.

1340. MAT **Analytic Geometry. (3-0-3) F, S.** Coordinate systems, conic sections, polar and parametric forms. Prerequisite: Mathematics 1310 or Mathematics 1330 or satisfactory score on trigonometry section of Level III placement test.

1400. MAT **Precalculus Mathematics. (3-0-3) F, S.** Algebraic concepts and skills needed for calculus. (Recommended as preparation for Mathematics 1441. However, this course will not cover trigonometry, and students are encouraged to take Mathematics 1330 to gain the trigonometric skills required in Mathematics 1441.) Credit not granted for both Mathematics 1271 and 1400. Prerequisites: Satisfactory Level II or Level III placement exam score.

1420. MAT **Introductory Mathematics and Numeration. (3-0-3) F, S.** The study of the concepts and theory of numeration, probability, and statistics as well as the development of the numeration system via a problem-solving approach using both calculators and microcomputers throughout. Prerequisite: Satisfactory score on the first Introductory Mathematics Placement Test (IMPT1).

1441C. MAT QR **Calculus and Analytic Geometry I. (5-0-5) F, S.** Limits, continuity, and derivatives for functions of one variable, applications of the derivative, the definite integral, applications of the integral. Prerequisite: Satisfactory Level III placement score or C or better in Mathematics 1330.

1491C. MAT QR **Calculus I, Honors. (5-0-5). On demand.** Limits, continuity, and derivatives for functions of one variable, applications of the derivative, the definite integral, applications of the integral. Mathematics 1491C will fulfill the requirements of Mathematics 1441C or 2110C. Prerequisites: Satisfactory Level III placement score or C or better in Mathematics 1330; and admission to the University Honors Program.

2110C. MAT QR **Brief Calculus with Applications. (3-0-3) F, S.** Differentiation and integration of polynomial, rational, exponential, and logarithmic functions, with applications to business and social science. Prerequisite: Mathematics 1271 with a C or better, or satisfactory Level II placement score.

2120C. MAT QR **Finite Mathematics. (3-0-3) F, S.** Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisite: Mathematics 1271 with a grade of C or better, or satisfactory Level II placement score.

2170. MAT **Computer Science I. (2-2-3) F, S.** The development of algorithmic solutions to numeric and non-numeric problems. Implementation in a block-structured programming language such as Pascal. Prerequisite: Credit for or concurrent enrollment in Mathematics 1441C or 2110C. Students may count only four hours from Mathematics 2310 or 2170.

2190C. MAT QR **Finite Mathematics, Honors. (3-0-3) On demand.** Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisites: Mathematics 1271 with a grade of C or better or satisfactory Level II placement score, and admission to the University Honors Program.

2250C. MAT QR **Elementary Statistics. (4-0-4) F, S.** Descriptive and inferential statistics including measures of central tendency and dispersion, confidence limits, and hypothesis testing. Recommended as a first course in statistics. Not open to mathematics majors. Prerequisites: Satisfactory completion (C or better) of high school Geometry and Algebra II, or Mathematics 1271; or satisfactory Level II placement test score. Not open to mathematics majors.

2290C. MAT QR **Elementary Statistics, Honors. (4-0-4) On demand.** Descriptive and inferential statistics, including measures of central tendency and dispersion, confidence limits, and hypothesis testing. Recommended as a first course in statistics. Prerequisites: Satisfactory completion (C or better) of high school Geometry and Algebra II, or Mathematics 1271; or satisfactory Level II placement test score, and admission to the University Honors Program. Not open to mathematics majors.

2300. MAT **Introduction to Computer Programming. (0-2-1)** Computer programming in FORTRAN/BASIC. Not open to students with credit for a college-level course in computer programming.

2310. MAT **Computer Programming-FORTRAN. (2-2-3)** The application of procedure-oriented computer languages (FORTRAN) to both numeric and non-numeric algorithms. Not open to freshmen. Prerequisite: Credit for or concurrent enrollment in Mathematics 1441C or Mathematics 2110C.

2345. MAT **Elements of Discrete Mathematics. (3-0-3)** Surveys discrete structures and methods. Includes set theory, graph theory, recurrence relations, analysis of algorithms and Boolean algebras. Prerequisite: Mathematics 1441C or permission of the instructor.

2420C. MAT QR **Introductory Geometry. (3-0-3). F, S.** Geometric relationships using a problem solving approach and higher order thinking skills. Topics investigated from practical and theoretical viewpoints, emphasizing understanding via concrete modeling, as suitable for preservice K-8 teachers. Prerequisite: Mathematics 1420, with a C or better.

2442. MAT **Calculus and Analytic Geometry II. (5-0-5) F, S.** Transcendental functions, techniques of integration, further applications of the integral, parametric equations and polar coordinates, infinite sequences and series. Prerequisite: C or better in Mathematics 1441C.

2443. MAT **Calculus and Analytic Geometry III. (4-0-4) F, S.** Three-dimensional analytic geometry and vectors, differential calculus of multivariate functions, integral calculus of multivariate functions, line and surface integrals. Prerequisite: C or better in Mathematics 2442.

2550. MAT **Introduction to Linear Algebra. (3-0-3)** The study of linear algebra and its applications. Prerequisite: Mathematics 1441C.

2670. MAT **Computer Science II. (2-2-3) S.** Introduction to programming techniques and data structures: stacks, queues and lists; recursion; object oriented programming. Prerequisite: Mathematics 2170 or 2310 or permission of the instructor.

2800. MAT **Foundations of Mathematics. (3-0-3) F, S.** An introduction to the foundations of mathematics. The course emphasizes the material needed as background for upper division mathematics and the tools necessary for mathematical thought. Prerequisite: Mathematics 2442.

3271. MAT **College Geometry I. (3-0-3) F, S.** The study of geometry including a review of elementary geometry. Euclidean and transformation geometries. Prerequisite: C or better in Mathematics 1441C and 2550.

3272. MAT **College Geometry II. (3-0-3) S.** The study of selected topics in advanced Euclidean geometry, non-Euclidean, projective and inversion geometrics. Prerequisite: C or better in Mathematics 3271.

3320. MAT **Microcomputers in Education (2-1-2) F, S.** A study of the uses of microcomputers in the classroom, including computer literacy, computer assisted instruction, computer managed instruction, and programming. Prerequisite: Enrollment restricted to education majors with junior standing. Not open to mathematics majors, including those in the teacher certification option.

3400. MAT **Teaching Secondary Mathematics. (3-2-4) F, S.** Methods and materials for teaching mathematics in grades 7-12. Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325, Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110; Mathematics 3271 and 3530.

3501. MAT **Differential Equations I. (3-0-3) F, S.** Formal solutions of ordinary differential equations: a critical analysis of some elementary types; envelopes, trajectories, Laplace transformations applications. Prerequisite: C or better in Mathematics 2442.

3502. MAT **Differential Equations II. (3-0-3) S.** Systems of differential equations, series solutions, approximations to solutions, Laplace transformations, partial differential equations, boundary value problems. Prerequisites: Mathematics 2443 and 3501.

3520. MAT **Teaching Mathematics in Grades K-6. (1-1-1) F, S.** The study of methods and materials for teaching mathematics in grades K through 6. Restricted to students in the elementary education or special education curriculum. Prerequisite: Mathematics 1420, with a C or better, and Mathematics 2420C.

3530. MAT **Abstract Algebra. (4-0-4) F, S.** An introduction to abstract algebra including: operations and relations, mappings, groups, rings, and fields. Prerequisite: Mathematics 2800.

3570. MAT **Numerical Calculus. (3-0-3) S.** Construction of algorithms for interpolation, quadrature, solution of equations and systems, solutions of ordinary differential equations. Prerequisites: Mathematics 2310 or 2170, 2443, and 2550.

3620. MAT **Teaching Mathematics 6-9. (2-2-3) F, S.** The study of methods and materials for teaching mathematics in grades six through nine. Restricted to students in the curriculum for elementary middle school, junior high, or special education teachers. Prerequisites: Mathematics 1271 or satisfactory Level II placement test score; and Mathematics 1420 and 2420C, all with a C or better.

3670. MAT **Principles of Computer Systems. (2-2-3) F, S.** Computer organization, data representation, instruction sets, syntax and semantics of assembly language programming, the assembly process, implementation of subroutines, I/O and interrupts. Prerequisites: Mathematics 2170 or 2310 or Computer and Operations Management 2310.

3701. MAT **Probability and Statistics I. (3-0-3) F, S.** Basic concepts of probability and statistics. Prerequisite: Mathematics 2443.

3702. MAT **Probability and Statistics II. (3-0-3) S.** Basic concepts of probability and statistics. Prerequisite: Mathematics 3701.

3770. MAT **Combinatorial Computing. (3-0-3) F.** Enumeration and counting-- generating functions and recurrence relations; graph theory-- trees, circuits, outsets, transport networks; computational aspects of combinatories. Prerequisite: Mathematics 2345 or permission of instructor.

3800. MAT **Seminar in Mathematics (2-0-2) F, S.** Seminar in topics which are not covered under the usual course offerings of the Department of Mathematics. More than one section in more than one topic possible each semester. Prerequisite: Permission of instructor.

4275. MAT **Internship in Mathematics and Computer Science. (Arr.-Arr.-10 to 15; 1-5 during intersession provided there is concurrent registration in the summer term.) (Credit/No Credit)** Employment experience in computational mathematics for one semester, in an approved firm or agency. This course to be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. Prerequisite: Credit applicable for graduation only in Mathematics and Computer Science major. Acceptance of the student by a firm on the basis of the student's application and permission of the chairperson of the Mathematics Department. Permission may be denied if the student does not have an overall grade point average of at least 2.50 and a major grade-point average of at least 2.75.

4335. MAT **Undergraduate Topics. (3-0-3) On demand.** Selected topics in advanced mathematics. Topics may vary depending on student and faculty interests. May be repeated for credit, with change of topic. Prerequisite: Permission of the instructor.

4490. MAT **Independent Study. (Arr.-Arr.-1 to 3)** Intensive individual study on a topic by the student under the supervision of the instructor. May be repeated for a maximum of six semester hours. Note: A maximum of three semester hours credit may be applied to the major. Three additional hours may be applied towards graduation. Prerequisites: Permission of departmental chairperson and instructor.

4495. MAT **Undergraduate Research Experience in Mathematics. (Arr.-Arr.-3) On demand.** An opportunity for a student to work one-on-one with a faculty member on a problem or topic of mutual interest, culminating in a substantial paper and an oral presentation. Prerequisites: Senior standing and permission of faculty member and department chairperson. Limited to Mathematics majors and Mathematics and Computer Science majors.

Courses Open to Juniors, Seniors, and Graduate Students

4750. MAT **Linear Programming. (3-0-3) F.** A study of linear inequalities, linear programming problems and the techniques for solving linear programming problems by the simplex method. Prerequisites: Mathematics 2442; and Mathematics 2550 or 4760.

4760. MAT **Linear Algebra. (4-0-4) F.** Vector spaces, linear transformations, dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces. Prerequisites: Mathematics 2550 and 3530.

4780. MAT **Mathematics of Interest. (3-0-3) S.** Compound and simple interest, annuities, amortization and sinking funds, bonds, and other topics related to insurance. Prerequisites: Mathematics 2443 and 3701.

4800. MAT **Diagnosis, Remediation and Technology in Teaching Mathematics, K-12. (1-2-2) Su.** The study of diagnosis, prescription, and remediation and their applications in teaching mathematics K-12, as well as the applications of modern technological advances to the teaching of mathematics. Prerequisite: Mathematics 3400 or 3520 or 3620 or permission of the instructor.

4810. MAT **Topics in Elementary and Junior High Mathematics. (Arr.-Arr.-1 to 4) On demand.** Topics from mathematics useful in the elementary and/or junior high school such as: probability, history of mathematics, Logo, number theory, etc. This course may be repeated for credit. A maximum of nine semester hours credit may be counted toward a degree program. Prerequisites: High school geometry and Algebra II, or Mathematics 1271 or satisfactory Level II placement test score; and Mathematics 1420 and 2420C; all with a C or better.

4830. MAT **Introduction to Complex Analysis with Applications. (3-0-3) S.** Introduction to complex numbers, analytic functions, linear fractional transformations, the Cauchy-Goursat theorem, residues and poles. Prerequisite: Mathematics 2443.

4850. MAT **Operations Research. (3-0-3) S.** Construction and use of mathematical models in industrial problem solving; linear programming, decision and game theory. PERT-CPM, inventory models, queuing theory, and simulation. Prerequisites: Mathematics 2550, 3702, and 4750.

4855. MAT **Introduction to Topology (3-0-3) S.** Introduction to topological spaces, continuous functions, connectedness, compactness, countability, separation axioms, the Tychonoff theorem, and complete metric spaces. Prerequisite: Mathematics 3530 or permission of instructor.

4860. MAT **Mathematical Analysis. (4-0-4) F.** A study of limits, convergence of sequences and series, continuity, differentiation, and Riemann integration. Prerequisites: Mathematics 3530 and C or better in Mathematics 2443.

4870. MAT **Data Structures and Algorithm Analysis. (3-0-3) F.** Advanced data structures and analysis of their related algorithms; trees, heaps and graphs; searching and sorting. C++ or another object oriented language will be introduced and used to implement algorithms. Prerequisite: Mathematics 2670 or permission of the instructor.

4900. MAT **History of Mathematics. (3-0-3) On demand.** The Ancient Orient. The period of Ancient Greece. The Hellenistic period. Seventeenth to nineteenth century A.D. The beginnings of modern Mathematics. Prerequisite: Mathematics 2442.

4910. MAT **Number Theory. (3-0-3) Su-odd-numbered years.** Divisibility, primes, congruences, solution of congruences, power residues, quadratic reciprocity, numerical functions, diophantine equations. Prerequisite: Mathematics 3530.

4920. MAT **Algebra and Geometry for Middle School and Junior High Teachers. (3-0-3) S.** The study of algebra and geometry as formal systems, finite geometrics, constructions and the classic impossibilities, tessellations, polyhedra, transformational geometry, symmetry and similarity. Prerequisites: Mathematics 1271 or satisfactory Level II placement test score; and Mathematics 1420 and 2420C; all with a C or better. Not open to mathematics majors.

4970. MAT **Principles of Operating Systems. (3-0-3) S.** Historical development of operating systems, processes, and concurrency, memory management, file systems, I/O. Case studies include UNIX, DOS, MVS. Prerequisite: Mathematics 3670 or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

MEDICAL TECHNOLOGY

Undergraduate Courses

2600. MDT **Introduction to Medical Technology I. (1-2-2) F.** Orientation to the field of medical technology. Limited enrollment. Permission of the chairperson of the Medical Technology Program is required.

3000. MDT **Introduction to Medical Technology II. (1-2-2) S.** A survey of laboratory methods used in the modern clinical laboratory. Limited enrollment. Prerequisites: Open to junior-standing medical technology students only. Permission of the chairperson of the Medical Technology Program is required.

The following courses are open only to those who have been admitted to the Medical Technology Program:

4000. MDT **Clinical Chemistry I. (4 to 6)** Theory and practice of analytical biochemistry as applied to pathologic states, methodology, and instrumentation. Mathematics and statistics involved in reagent preparation, result determination and quality control are included.

4005. MDT **Clinical Chemistry II. (3 to 5)** Theory and practice of analytical biochemistry as applied to urine and body fluids, including specialized tests for drugs and endocrine functions.

4010. MDT **Clinical Hematology. (4 to 6)** Study of the origin, development, morphology, physiology, and pathophysiology of the formed elements of the blood and bone marrow. Manual and automated hematological procedures used in diagnosis of diseases are included.

4020. MDT **Clinical Hemostasis. (1 to 2)** Study of the platelet, vascular, coagulation, and fibrinolytic systems related to disease states and therapeutic monitoring.

4030. MDT **Clinical Immunohematology. (3 to 5)** Study of red cell antigen-antibody systems, antibody screening and identification, compatibility testing, and immunopathologic conditions. Donor requirements and blood component preparation and theory are included.

4040. MDT **Clinical Immunology. (2 to 3)** Study of the protective and adverse aspects of cellular and humoral immune responses. Theory, test procedures based on antigen-antibody reactions, and analysis of clinical significance of test results are included.

4050. MDT **Clinical Microbiology I. (5 to 6)** Theory and practice of the isolation and identification of pathogenic bacteria and mycobacteria through culture specificity, morphology, biochemical and/or serological reactions, and drug susceptibility. Clinical testing is related to disease states.

4055. MDT **Clinical Microbiology II. (2 to 3)** Theory and practice of the isolation and identification of fungi, animal parasites, rickettsia, and viruses, utilizing morphological, cultural, biochemical, and serological methods. Clinical testing is related to disease states and epidemiology.

4060. MDT **Special Topics in Clinical Laboratory Science. (1)** Overview of medical ethics, patient approach, theory and practice of phlebotomy techniques, laboratory safety, applications of laboratory computer systems, and clinical research methods.

4070. MDT **Clinical Management and Education. (1)** A basic introduction to the principles and theory of management and education as related to the clinical laboratory. The special responsibilities of the clinical laboratory scientist in management and education are addressed.

MIDDLE LEVEL EDUCATION

Undergraduate Courses

2000. MLE **The Teacher and the School. (2-1-2) F, S.** Observation and data collection techniques, professional issues in teaching, characteristics of schools, curricular organizations, effective teachers, 12 clock hours of structured observation. Prerequisite: Concurrent enrollment with Elementary Education 2320 is recommended, or permission of department chairperson.

3110. MLE **Curriculum and Instruction in Middle-Level School (3-1-3) F, S.** Definition and rationale for middle-level education, historical development, curriculum and organizational patterns, teacher's role in middle-level education, and planning for instruction. Fifteen clock hours of clinical experiences with middle-level students. Prerequisites: Middle Level Education 2000 or Elementary Education 2000; and Elementary Education 2320. University Teacher Education requirements apply and department requirements for enrollment must be met.

3150. MLE **Interdisciplinary Teaching in the Middle-Level School. (3-1-3) F, S.** Interdisciplinary organization and instruction appropriate for middle-level schools. Emphasis on interdisciplinary approaches and methods that facilitate integrated learning as well as appropriate assessment and evaluation techniques. Fifteen clock hours of clinical experience in classrooms at middle and/or secondary levels. Prerequisite: Middle Level Education 3110 or equivalent or permission of department chairperson. Concurrent enrollment with Middle Level Education 4280 and 4760 is desired.

3970. MLE **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4280. MLE **Teaching Reading in the Middle/Secondary School. (3-1-3) S.** Techniques for providing appropriate reading instruction in proper sequence for students in grades six through 12. Fifteen clock hours of clinical experiences are required. Prerequisite: Middle Level Education 3110 or equivalent or permission of department chair. Concurrent enrollment with Middle Level Education 3150 and 4760 is preferred.

4741. MLE **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4760. MLE **Student Social-Emotional Development in the Middle Grades. (3-1-3) F, S.** Instruction and planning in exploratory and teacher-based advisor-advisee programs. Fifteen clock hours of clinical experience in classrooms at middle and/or secondary levels. Prerequisite: Middle Level Education 3110 or equivalent or permission of department chairperson. Concurrent enrollment with Middle Level Education 3150 and 4280 desired.

4781. MLE **Topics in Junior High/Middle School Education. (1-0-1) On demand.** Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisites: Middle Level Education 2000 or Elementary Education 2000; Elementary Education 2320; Middle Level Education 3110; or permission of department chairperson.

4782. MLE **Topics in Junior High/Middle School Education. (2-0-2) On demand.** Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisites: Middle Level Education 2000 or Elementary Education 2000; Elementary Education 2320; Middle Level Education 3110; or permission of department chairperson.

4783. MLE **Topics in Junior High/Middle School Education. (3-0-3) On demand.** Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisites: Middle Level Education 2000 or Elementary Education 2000; Elementary Education 2320; Middle Level Education 3110; or permission of department chairperson.

For graduate courses, see the *Graduate Catalog*.

MILITARY SCIENCE

Undergraduate Courses

1001. MSC **Introduction to Military Science. (1-1-1) F, S.** Make your first new peer group at college one committed to performing well and enjoying the experience. Increase self-confidence through team study and activities in basic drill; physical fitness; rappelling; leadership reaction course; first aid; basic markmanship; time management; stress management; and nutrition. Learn fundamental concepts of leadership in a profession in both classroom and outdoor laboratory environments. Optional physical fitness instruction and weekend exercise are highly encouraged.

1002. MSC **Introduction to Leadership. (1-1-1) F, S.** Learn/apply principles of effective leadership. Reinforce self-confidence through participation in physically and mentally challenging exercises with upper division ROTC students. Develop communication skills to improve individual performance and group interaction. Relate organizational ethical values to the effectiveness of a leader. Physical fitness instruction and weekend exercise are highly encouraged. Prerequisite: Permission of the instructor.

2003. MSC **ROTC Camp Challenge. (Arr.-Arr-1 to 6) Su.** A six week summer camp conducted at an army post. The student receives pay. Travel, lodging, and meal costs are defrayed by the Army. The environment is rigorous, and the training is demanding. No military obligation incurred. Open only to students who have not taken all four of MSC 1001, 1002, 2100, and 2200, and who pass a physical examination (paid for by ROTC). Completion of MSC 2003 qualifies a student for entry into the Advanced Course. Three different cycles are offered during the summer, but spaces are limited by the Army. Candidates can apply for a space any time during the school year prior to the summer. Prerequisites: Application and permission of instructor.

2100. MSC **Individual/Team Development. (2-1-2) F, S.** Learn/apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams of people. Develop skills in oral presentations, writing concisely, planning of events, coordination of group efforts, advanced first aid, land navigation, and basic military tactics. Learn fundamentals of ROTC's Leadership Assessment Program. Prerequisite: Permission of the instructor.

2200. MSC **Team Military Tactics (2-1-2). F, S.** Introduction to individual and team aspects of military tactics in small unit operations. Includes use of radio communications, making safety assessments, movement techniques, planning for team safety/security, and methods of pre-execution checks. Practical exercises with upper division ROTC students. Learn techniques for training others as an aspect of continued leadership development. Prerequisite: Permission of the instructor.

3001. MSC **Leading Small Organizations I. (2-2-3) F.** Series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead again in situations of increasing complexity. Uses small unit defensive tactics and opportunities to plan and conduct training for lower division students both to develop such skills and as vehicles for practicing leadership. Participation in three one-hour sessions of physical fitness training per week and one weekend field training exercise required. Prerequisites: MSC 1001, 1002, 2100, 2200, or completion of MSC 2003, and permission of the instructor.

3002. MSC **Leading Small Organizations II. (3-2-4) S.** Continues methodology of MSC 3001. Analyze tasks; prepare written and oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Plan for and adapt to the unexpected in organizations under stress. Examine and apply lessons from leadership case studies. Examine importance of ethical decision making in setting a positive climate that enhances team performance. Three one-hour physical fitness training sessions and one weekend field training exercise required. Prerequisites: MSC 3001 and permission of the instructor.

3003. MSC **ROTC Advanced Camp. (Arr.-Arr.-6) Su.** A six-week camp conducted at an army post. Open only to and required of students who have contracted and completed MSC 3001 and 3002. The student receives pay. Travel, lodging, and meal costs are defrayed by the Army. The Advanced Camp environment is highly structured and demanding, stressing leadership at small unit levels under varying, challenging conditions. Individual leadership and basic skills performance are evaluated throughout the camp. Prerequisites: MSC 3001, 3002, and permission of instructor.

4001. MSC **Military Law and Administrative Management. (2-2-3) F.** Study and application of basic administrative and logistical systems. Study and application of military correspondence and briefing techniques. Introduction to the fundamental concepts of military justice. Study of basic principles and procedures of courts-martial and non-judicial punishment. Prerequisites: MSC 3001, 3002, 3003, and permission of the instructor.

4004. MSC **Transition to Lieutenant. (2-2-3) S.** Continues the methodology from MSC 4001. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law as related to leading as an officer in the Army. Prepare for a future as a successful army lieutenant. Prerequisites: MSC 3001, 3002, 3003, 4001, and permission of the instructor.

4100. MSC **Trends and Issues of Commissioned Service. (1-0-1) F, S.** Consideration of needs in making the transition from ROTC cadet to Second Lieutenant. Methods and techniques the newly commissioned officer will require to conduct daily operations in a troop-leading environment. This course will familiarize the senior cadets with the responsibilities and requirements of a Second Lieutenant. Prerequisite: Military Science 3002 or permission of the instructor.

4400. MSC **Independent Study in Military Science. (Arr.-Arr.-1 to 3) (No student may earn more than four semester hours credit.)** Intensive individual study on a topic selected by the student and approved by the department chair. Prerequisites: MSC 4001, 4004, and approval of the department chair.

MUSIC

(For information about auditions, applied study, recitals, etc., see page 80.)

Undergraduate Courses

All undergraduate courses are open to students who are not majors or minors in music except the following: Music 2205, 2206, 2440, 3400, 3439, 3440, 3581, 3582, 4541, 4542, 4600.

Non-music majors may elect to study music through the following types of offerings:

Courses for Humanities Credit: 0200, 0201, 0202, 0204, 0205, 0206, 0207, 0210, 0211, 0215, 0220, 0221, 0222, 0230, 0231, 0232, 0233, 0240, 0241, 0242, 0260, 2555C, and 3553C.

Courses which fulfill the Fine Arts Requirement: 2555C and 3553C.

Classes in Piano, Voice, and Guitar: 1101, 1136, 1201, 1202, 2201, and 3136.

Courses for Elementary and Special Education Majors: 1421, 1423, 3420, and 3435.

In addition, ensembles (0200-0260), applied study (0010-0071), instrumental classes (1301-1306), and courses in fine arts, theory, history, and pedagogy are open to students not majoring in music.

Applied Study. Auditions are required for initial placement. May be repeated for credit. Music majors may register for one, two, or four semester hours of credit depending on the degree program. Non-music majors may register for one semester hour credit after receiving permission of the studio instructor.

Prerequisite: Permission of instructor:

0010. Voice. (Arr.-Arr.-1, 2 or 4)
0020. Flute. (Arr.-Arr.-1, 2 or 4)
0021. Oboe. (Arr.-Arr.-1, 2 or 4)
0022. Clarinet. (Arr.-Arr.-1, 2 or 4)
0023. Bassoon. (Arr.-Arr.-1, 2 or 4)
0024. Saxophone. (Arr.-Arr.-1, 2 or 4)
0025. Recorders. (Arr.-Arr.-1, 2 or 4)
0030. Trumpet. (Arr.-Arr.-1, 2 or 4)
0031. Horn. (Arr.-Arr.-1, 2 or 4)
0032. Trombone. (Arr.-Arr.-1, 2 or 4)
0033. Baritone. (Arr.-Arr.-1, 2 or 4)
0034. Tuba. (Arr.-Arr.-1, 2 or 4)
0040. Percussion. (Arr.-Arr.-1, 2 or 4)
0050. Violin. (Arr.-Arr.-1, 2 or 4)
0051. Viola. (Arr.-Arr.-1, 2 or 4)
0052. Violoncello. (Arr.-Arr.-1, 2 or 4)
0053. String Bass. (Arr.-Arr.-1, 2 or 4)
0054. Harp. (Arr.-Arr.-1, 2 or 4)
0060. Piano. (Arr.-Arr.-1, 2 or 4)
0061. Organ. (Arr.-Arr.-1, 2 or 4)
0062. Harpsichord. (Arr.-Arr.-1, 2 or 4)
0063. Jazz Piano. (Arr.-Arr.-1, 2 or 4)
0070. Composition. (Arr.-Arr.-1, 2 or 4)
0071. Organ Service Playing. (Arr.-Arr.-1, 2, or 4)

Music Ensembles

Membership in music ensembles is open to all university students, including music majors, minors, and non-majors. Selection can be made on the basis of auditions, which are posted in the Department office prior to each semester. Instruments and lockers are available without charge for students wishing to participate in instrumental ensembles. Courses in ensemble taken by music majors, minors and those electing concentrations beyond four semesters may be counted for upper division credit. The various ensembles, with the exception of the **Oratorio Chorus** (comprised of the Concert Choir, Mixed Chorus, and other vocalists for the study and performance of cantatas, oratorios, Masses, and other major choral works) and Pep Band (contact the Band Office for participation), are listed with their specific course description below.

0200. MUS **Symphonic Wind Ensemble (0-4-1) F, S.** A select ensemble designed for in-depth study of major literature for winds and percussion. Open to all students who qualify through audition. Music majors and minors may count up to six semester hours toward graduation; non-music majors may count four semester hours toward graduation.

0201. MUS **Concert Band (0-4-1) S.** A performance ensemble designed for in-depth study, preparation, and performance of all types of standard band literature. Open to all university students. Music majors and minors may count up to six semester hours toward graduation; non-music majors may count four semester hours toward graduation.

0202. MUS **Panther Marching Band. (0-6-1) F.** The Panther Marching Band performs contemporary musical arrangements and drill designs during the football season for all home games, and takes off-campus tours each season. Music majors and minors may count up to six semester hours toward graduation; non-music majors may count four semester hours toward graduation.

0204. MUS **Chamber Music, Winds. (Arr.-Arr.-1) F, S.** The study and performance of chamber music involving wind instruments. Prerequisite: Permission of instructor.

0205. MUS **Flute Choir (0-2-1) F, S.** Choir performs transcribed and original works on and off campus throughout the semester. Open to any flutist. Prerequisite: Permission of instructor

0206. MUS **Clarinet Choir. (Arr.-Arr.-1)** The study and performance of ensemble literature for the clarinet family. Open to any student in the university having played any member of the clarinet family as a high school student. Placement is by audition. Rehearsals are limited to two hours weekly.

0207. MUS **Saxophone Quartet. (Arr.-Arr.-1)** A performance-oriented course in which the student participates in the study of the saxophone in a chamber ensemble setting. Emphasis will be placed on performing, studying, and analyzing the standard repertoire. Open to all students who demonstrate competence in saxophone performance.

0210. MUS **Orchestra, Strings. (0-4-1) F, S.** This course is for string players to have sectional rehearsals as well as full orchestra experience. Music majors may count up to six hours toward graduation.

0211. MUS **Orchestra, Winds. (0-4-1) F, S.** This section is for winds and percussion players to have sectional rehearsals as well as full orchestra experience. Music majors may count up to six semester hours toward graduation. Non-music majors may count four semester hours toward graduation.

0215. MUS **Chamber Music, Strings. (Arr.-Arr.-1) F, S.** The study and performance of chamber music involving string instruments. Prerequisite: permission of instructor.

0220. MUS **Ensemble, Jazz. (0-4-1) F, S.** This ensemble offers students students the opportunity to play the finest in jazz band music. The jazz ensemble rehearses four days each week. Various programs including tours and festivals are performed each year. Music majors and minors may count up to six semester hours toward graduation; non-music majors may count four semester hours toward graduation.

0221. MUS **Ensemble, Jazz Lab Band. (0-2-1) F, S.** An ensemble which offers students the opportunity to play the finest in jazz band music. The Jazz Lab Band rehearses two evenings each week. Various programs including tours and festivals are performed each year. Music majors and minors may count up to six semester hours toward graduation; non-music majors may count four semester hours toward graduation.

0222. MUS **Jazz Combo. (Arr.-Arr.-1)** Jazz Combos of four to six musicians perform and study the standard repertoire of the jazz idiom as well as develop improvisational skills. Upperclass students see Music 3622.

0224. MUS **Jazz Seminar. (Arr.-Arr.-0) F, S. Audit only.** Jazz topics will be presented, with live performances by students and professional players with critique and group discussion. Prerequisite: Participation in an EIU jazz ensemble.

0230. MUS **Concert Choir. (0-4-1) F, S.** An auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. Music majors and minors may count up to six semester hours toward graduation. Non-music majors may count four semester hours toward graduation.

0231. MUS **University Mixed Chorus. (0-4-1) F, S.** An ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. Music majors and minors may count up to six semester hours

toward graduation. Non-music majors may count four semester hours toward graduation.

0232. MUS **Show Choir. (0-4-1) F, S.** The Collegians is an ensemble of 24 singers and nine instrumentalists, selected through audition, that performs current, popular, jazz, and broadway music. The ensemble is both costumed and choreographed.

0233. MUS **Chamber Singers. (Arr.-Arr.-1)** A select 16-voice choral ensemble that performs madrigals and other choral literature appropriate for a chamber choir. Prerequisite: audition or permission of the instructor.

0240. MUS **Percussion Ensemble. (0-5-1) F, S.** The study and performance of percussion literature from 1930 to the present. Open to percussion majors only. Prerequisite: permission of the instructor

0241. MUS **Marimba Orchestra. (0-5-1) F, S.** The study and performance of music written and arranged for a group of marimbas. Prerequisite: permission of the instructor.

0242. MUS **Latin Percussion Ensemble. (0-5-1) F, S.** The study of techniques and performance of Latin and Pop music on Latin American instruments. Prerequisite: permission of the instructor.

0260. MUS **Chamber Music, Keyboard. (Arr.-Arr.-1)** The study and performance of ensemble literature that involves at least one keyboard instrument and performer.

1101. MUS **Class Instruction in Beginning Guitar. (0-2-1) F, S.** A course of guitar instruction for those who have had no previous guitar instruction and wish to learn guitar basics such as: Chording, folk and finger strums, solo guitar techniques, and music reading. Students must provide own instrument.

1103. MUS **Recital. (1-0-0) F, S. Audit only.** Experiencing music through live performances.

1136. MUS **Class Instruction in Voice. (0-2-1) F, S.** Beginning vocal instruction for students who have had little or no previous vocal study. May be repeated once for credit. No audition required.

1201. MUS **Beginning Class Instruction in Piano. (0-2-1)** A course for students who have had no music reading experience. No audition necessary. Not open to music majors. May be repeated once for credit.

1202. MUS **Beginning Class Instruction in Piano. (0-2-1) F, S.** A course for students who have music reading experience beyond Music 1201. Not open to music majors. May be repeated once for credit. Prerequisite: Music 1201 or audition.

1203. MUS **Basic Functional Skills in Piano. (0-2-1)** A course for music majors and minors who have had little or no previous piano study. No audition necessary.

1204. MUS **Basic Functional Skills in Piano. (0-2-1)** Prerequisite: Music 1203 or placement by audition during enrollment.

1301. MUS **Class Instruction in Strings. (0-2-1) F, S.** A study of beginning instrumental technique.

1302. MUS **Class Instruction in Clarinet, Flute and Saxophone. (0-2-1) F, S.** A study of beginning instrumental technique.

1303. MUS **Class Instruction in Oboe and Bassoon. (0-2-1) S.** A study of beginning instrumental technique.

1304. MUS **Class Instruction in Percussion. (0-2-1) S.** A study of beginning instrumental technique.

1305. MUS **Class Instruction in Trumpet and French Horn. (0-2-1) F, S.** A study of beginning instrumental technique.

1306. MUS **Class Instruction in Trombone, Baritone and Tuba. (0-2-1) F.** A study of beginning instrumental technique.

1421. MUS **Fundamentals of Music I. (2-1-3)** A study of the fundamentals of music including multicultural experiences utilizing music literature appropriate for use in elementary and junior high school classrooms.

1423. MUS **Music for Recreation Majors. (1-2-2) F.** Planning and implementing musical experiences in recreation programs.

1530. MUS **Jazz Improvisation I. (0-2-1) S.** An introduction to the basic skills of the jazz player. The course includes the study of jazz nomenclature, scales and standard jazz repertoire. Numerous jazz artists and their solos are discussed and analyzed. Prerequisite: Music 1541, 1543 or competence. Open to all students. Required of all students in the Jazz Studies Option.

1541. MUS **Music Theory I. (2-0-2) F.** A study of basic music theory concepts including notation of pitch, rhythm and meter, scales, keys and key signatures, intervals, triads and seventh chords.

1542. MUS **Music Theory II. (3-0-3) S.** A study of the musical materials and structural principles of the common practice period including tonality, diatonic harmony, and partwriting. Prerequisite: Music 1541.

1543, 1544. MUS **Aural Training in Music. (0-2-1 each course) F, S.** The study of notational practice and the development of aural perception through sight singing and dictation. Must be taken in sequence.

1581. MUS **History and Literature of Music I. (3-0-3) S.** Music history and literature from the Renaissance through the twentieth century. The study of model scores of each period and application of this knowledge to other works of similar genre. Open only to music majors and minors. Required of music majors.

2010C. MUS FA **Arts Omnibus. (2-2-3) F, S.** An experiential overview of the arts, their interrelatedness, their importance to an enhanced quality of life and importance as an index of cultural diversity. The course will include lectures, using a variety of media, discussion, and required attendance at all classes and up to nine specific arts events, including a minimum of two each, art, music, and theatre. Credit will not be awarded for Art 2010C or Theatre 2010C in addition to Music 2010C.

2012C. MUS FA **Nonwestern Fine Arts. (3-0-3) F, S.** Fine Arts from outside the European and North American traditions will be examined. Credit will not be awarded for Art 2012C or Theatre 2012C in addition to Music 2012C.

2070. MUS **Electronic Music Studio Techniques. (2-Arr.-2)** Principles and use of electronic music synthesizers, mixers, and tape recorders in the production and shaping of electronic sound.

2091. MUS **Principles of the Fine Arts, Honors. (3-0-3) S.** The interrelationships between the arts, their structures and techniques, and why they are put together the way they are. Credit will not be awarded for Art 2091 and Theatre 2091 in addition to Music 2091. Prerequisite: Admission to the University Honors Program.

2092. MUS **A History of the Arts in Culture, Honors. (3-0-3)** Analysis of works of art in the Western world from the Greeks through the present. Credit will not be awarded for Art 2092 or Theatre 2092 in addition to Music 2092. Prerequisite: Admission to the University Honors Program.

2103. MUS **Sophomore Recital. (Arr.-Arr.-0) Audit only.** Demonstrating musical abilities through live performance. The recital will be either 15 minutes or 25 minutes long, depending upon the Option or Emphasis.

2141. MUS **Vocal Diction I. (1-1-1) F.** The study of vocal diction of English and Italian song literature. Prerequisite: Two semesters of Applied Voice or equivalent.

2142. MUS **Vocal Diction II. (1-1-1) S.** The study of vocal diction of German and French song literature. Prerequisite: Music 2141.

2155. MUS **Choral Conducting. (2-0-2) F.** A course designed to teach the language and gestures of effective directing. Class serves as a laboratory chorus. Prerequisite: Music 1541, 1542; or two hours of Music 1136.

2201. MUS **Class Instruction in Piano. (0-2-1) F, S.** A course in recreational piano skills for students with previous piano study. May be repeated once for credit. Not open to music majors. Prerequisite: Music 1202 or placement by audition during enrollment.

2203. MUS **Functional Skills in Piano. (0-2-1) F, S.** A course for music majors and minors. Prerequisite: Music 1204 or placement by audition during enrollment.

2204. MUS **Functional Skills in Piano. (0-2-1) F, S.** A course for music majors and minors. Prerequisite: Music 2203 or placement by audition during enrollment.

2205. MUS **Keyboard Skills I. (0-2-1) F.** A course for keyboard majors or other qualified students to develop functional skills in harmonization, sight-reading, improvisation, and transposition. Prerequisite: Music 1542 or permission of the instructor.

2206. MUS **Keyboard Skills II. (0-2-1) S.** Continuation of Music 2205. Prerequisite: Music 2205 or permission of the instructor.

2221. MUS **Keyboard Pedagogy I. (3-1-3) F.** An introduction to teaching private and group piano/keyboard lessons. Aspects of studio teaching and materials from preschool and first-year levels are surveyed. Observation of a beginning group is a required part of the course. Prerequisites: Appropriate keyboard background.

2222. MUS **Keyboard Pedagogy II. (2-1-2) S.** A continuation of Keyboard Pedagogy I, with emphasis on second- and third-year teaching methods and materials for private and group instruction. Continued observation and guided teaching of a beginners' group and/or private lesson will be a required part of the course. Prerequisite: Music 2221 or permission of instructor.

2360. MUS **Instrumental Conducting. (1-1-1) F.** An introductory study of baton technique and score reading for instrumental organizations. Prerequisite: Music 1543.

2440. MUS **Laboratory in Music Education. (1-Arr.-1) F.** Directed observation in all kinds of music learning situations at all grade levels to total ten clock hours. For music majors and minors.

2530. MUS **Jazz Improvisation II. (0-2-1) F.** The detailed study and performance of two types of jazz vehicles: standard and bebop tunes. Emphasis is placed on daily improvisation in class and solo transcription. Significant literature is discussed and analyzed. Prerequisite: Music 1530 or competence. Required of all students in the jazz studies option.

2541. MUS **Music Theory III. (3-0-3) F.** A study of the musical materials and structural principles of the common practice period including tonicization, modulation, and chromatic harmony. Prerequisite: Music 1542.

2542. MUS **Music Theory IV. (3-0-3) S.** A study of the musical materials and structural principles of 20th century music including extended- and non-tertian harmony, neotonality, serial and non-serial atonality. Prerequisite: Music 2541.

2543. MUS **Aural Training in Music. (0-2-1) F, S.** A continuation of the study of notational practice and the development of aural perception. Prerequisite: Music 1544.

2550. MUS **Tape Recording Techniques. (3-0-3) F, S.** A study of concert, studio, and production recording techniques through lecture, observation and recording experience. Prerequisite: Permission of the instructor.

2555C. MUS FA **Experiencing Music with Live, In-class Encounters. (3-0-3)** Music appreciation for the general student -- listening and responding to music in its cultural context. Open to Music majors for elective credit only.

2556C. MUS FA **Experiencing Music with the Music of African Americans. (3-0-3)** Music appreciation for the general student -- listening and responding to music in its cultural context. Open to Music majors for elective credit only.

2557C. MUS FA **Experiencing Music with Jazz and Rock Music. (3-0-3)** Music appreciation for the general student -- listening and responding to music in its cultural context. Open to Music majors for elective credit only.

2581. MUS **Jazz History. (2-0-2) On demand.** A survey of the developmental periods of American jazz and the personalities significant to each period. Music from each period is listened to and analyzed. Prerequisites: Music 1530, 1541, 1542, 1543, 1544 or permission of instructor. Open to music majors and minors only. Required for jazz studies option majors.

3103. MUS **Junior Recital. (Arr.-Arr-0) Audit only.** Demonstrating musical abilities through live performance or a composition project. The recital will be either 15 minutes or 25 minutes long, depending upon the Option or Emphasis.

3120. MUS **Music Theatre/Opera Workshop. (0-4-1 or 2) F, S.** The study and performance of music theatre and opera. Students produce major productions with orchestra, smaller productions with piano, touring productions and in-class scene productions to develop music theatre and opera skills. May be taken four times for credit. Prerequisite: Permission of the instructor.

3136. MUS **Class Instruction in Voice. (0-2-1)** The second course of study for keyboard principals in the vocal option and others who desire vocal instruction beyond Music 1136. May be repeated three times. Prerequisite: Two hours credit in Music 1136 or equivalent.

3155. MUS **Choral Techniques and Materials. (1-1-1) S.** A course designed to develop a knowledge of style, rehearsal techniques and materials for various vocal ensemble combinations. Class serves as a laboratory chorus. Prerequisite: Music 2155.

3221. MUS **Keyboard Pedagogy III. (2-1-2) F.** Intermediate teaching materials for private and group teaching; the transfer student. Observation and teaching in the Preparatory Program and/or private studio are required. Prerequisite: Music 2222 or permission of instructor.

3222. MUS **Keyboard Pedagogy IV. (2-1-2) S.** The study of specific areas of piano/keyboard pedagogy: adult beginners and intermediates; the advancing student; the history of keyboard instruments from harpsichord to electronic equipment; a historical overview of keyboard pedagogy; career planning. Weekly observation of advancing level and/or adult lessons will be included. Prerequisite: Music 2222 or permission of the instructor.

3260. MUS **Instrumental Conducting. (2-0-2) S.** An advanced study of baton technique and score reading for instrumental organizations. Prerequisite: Music 2360.

Applied Study. Auditions are required for initial placement. May be repeated for credit. Music majors may register for one, two, or four semester hours of credit depending on the degree program. Non-music majors may register for one semester hour of credit after receiving permission of the studio instructor. Prerequisite: Completion of Junior Standing Jury.

Prerequisite: Permission of instructor:

3310. Voice. (Arr.-Arr.-1, 2 or 4)
3320. Flute. (Arr.-Arr.-1, 2 or 4)
3321. Oboe. (Arr.-Arr.-1, 2 or 4)
3322. Clarinet. (Arr.-Arr.-1, 2 or 4)
3323. Bassoon. (Arr.-Arr.-1, 2 or 4)
3324. Saxophone. (Arr.-Arr.-1, 2 or 4)
3325. Recorder. (Arr.-Arr.-1, 2 or 4)
3330. Trumpet. (Arr.-Arr.-1, 2 or 4)
3331. Horn. (Arr.-Arr.-1, 2 or 4)
3332. Trombone. (Arr.-Arr.-1, 2 or 4)
3333. Baritone. (Arr.-Arr.-1, 2 or 4)
3334. Tuba. (Arr.-Arr.-1, 2 or 4)
3340. Percussion. (Arr.-Arr.-1, 2 or 4)
3350. Violin. (Arr.-Arr.-1, 2 or 4)
3351. Viola. (Arr.-Arr.-1, 2 or 4)
3352. Violoncello. (Arr.-Arr.-1, 2 or 4)
3353. String Bass. (Arr.-Arr.-1, 2 or 4)
3360. Piano. (Arr.-Arr.-1, 2 or 4)
3361. Organ. (Arr.-Arr.-1, 2 or 4)
3362. Harpsichord. (Arr.-Arr.-1, 2 or 4)
3363. Jazz Studies. (Arr.-Arr.-1, 2 pr 4)
3370. Composition. (Arr.-Arr.-1, 2 or 4)
3371. Organ Service Playing. (Arr.-Arr.-1, 2 or 4)

3400. MUS **Methods of Teaching Instrumental Music. (2-2-3) F.** Instrumental methods and materials and clinical experiences appropriate for elementary and secondary schools. Ten clock hours of public school observation and participation are required. Prerequisites: Music 2440, Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100. For music majors and minors only.

3420. MUS **Music in Elementary Schools. (2-1-2)** Contemporary methods and materials of teaching music as aesthetic education in preschool and in the elementary grades. Prerequisite: Music 1421 or successful completion of 1421 proficiency exam prior to registration. Open to elementary and special education majors only.

3435. MUS **Music in Special Education. (3-0-3)** Objectives, materials and methods of teaching music in special education. Prerequisite: Music 1421. For special education and elementary education majors.

3439. MUS **Methods of Teaching Music in Elementary Schools. (2-2-3) F.** Planning and implementing musical experiences in the elementary grades. Topics include Orff, Kodaly, and Music in Special Education considered in the light of contemporary child development theory. On-site teaching in the public schools. Prerequisite: Music 2440, Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100. For music majors and minors.

3440. MUS **Methods of Teaching Vocal-General Music in the Secondary Schools. (1-2-2) S.** Methods and materials for teaching vocal, choral and general music in grades 7 through 12. Includes clinical experiences on the secondary level. Prerequisite: Music 2440, Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100. For music majors and minors.

3530. MUS **Jazz Improvisation III. (0-2-1) F.** The detailed study and performance of three types of jazz vehicles: the blues, modal tunes, and ballads. Students will become familiar with the characteristics and performance requirements of each vehicle. Emphasis will be placed on daily improvisation in class and solo transcription. Prerequisite: Music 2530 or competence. Required of all students in the jazz studies option.

3542. MUS **Music Analysis. (3-0-3) F, S.** The detailed study of a few musical compositions from either the 18th, 19th, or 20th centuries; the specific century to be announced in advance. May

be repeated for a maximum of six semester hours credit. Required in all Music Education curricula. May be taken as one of the theory electives (twice, if desired). Prerequisite: Music 2542 or permission of the instructor.

3547. MUS **Orchestration. (2-0-2) F.** Beginning practical experience in scoring for orchestra.

3553C. MUS FA **Survey of Musical Masterworks. (3-0-3) F, S.** Important pieces of Western classical music will be examined. Compositions will be selected from at least four different stylistic periods. Exclusions: The course will not be open to Music majors.

3562C. MUS FA **Nonwestern Music. (3-0-3) F, S.** Folk and Art Music from Asia, Africa, and/or South America will be considered.

3581. MUS **History and Literature of Music II. (3-0-3) F.** Music history and literature from Antiquity through the Baroque. Open only to music majors and minors. Prerequisites: Music 1581 and 2541.

3582. MUS **History and Literature of Music III. (3-0-3) F.** Music history and literature from the Classic era to the present. Open only to music majors and minors. Prerequisites: Music 1581 and 2541.

3592C. MUS FA **Nonwestern Music, Honors. (3-0-3) On demand.** Folk and Art Music from Asia, Africa, and/or South America will be considered. Open to music majors for elective credit only. Prerequisite: Admission to the Honors Program.

3593C. MUS FA **Survey of Musical Masterworks, Honors. (3-0-3). On demand.** Important pieces of Western classical music will be examined. Compositions will be selected from at least four different stylistic periods. Prerequisite: Admission to the University Honors Program.

3622. MUS **Advanced Jazz Combo. (Arr.-Arr.-1)** A performance-oriented course in which the student performs in small jazz ensembles to develop necessary playing and improvisational skills. Emphasis will be placed on performing, studying and analyzing standard jazz repertoire. Prerequisite: Two semesters of jazz improvisation. Open to all students in the Jazz Studies Option and students who demonstrate competence in jazz performance.

3800. MUS **Jazz Theory I. (1-1-1) F.** A study of basic jazz skills as they relate to an understanding of modern harmonic/melodic concepts of theory at the keyboard. Open to all students. Prerequisites: Two semesters of class piano and two semesters of music theory including 1541 and 1542, or permission of instructor. Required of all students in the Jazz Studies Option.

3801. MUS **Jazz Theory II. (1-1-1) S.** A continuation of Music 3800 dealing with more elaborate concepts of jazz harmony applied to the keyboard. Students will gain skills adequate to perform in a rhythm section. Prerequisite: Music 3800 or competence. Open to all students. Required of all students in the Jazz Studies Option.

3850. MUS **Jazz Improvisation. (2-0-2) F.** An introduction to the basic improvisational skills of the jazz player, including the practice and study of standard jazz tunes, the blues, modal jazz, scales and analysis of solos by jazz artists. Course may be taken twice for credit. Prerequisite: Music 1542 and 1544 or permission of the instructor.

3970. MUS **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4103. MUS **Senior Recital. (Arr.-Arr.-0) Audit only.** Demonstrating musical abilities through live performance or a composition project. The recital will be either 25 minutes or 50 minutes long, depending upon the Option or Emphasis.

4221. MUS **Pedagogy Recital Project. (Arr.-Arr.-2)** The senior keyboard pedagogy primary student will prepare a 25-minute lecture-recital presentation on a topic related to keyboard pedagogy. Prerequisites: Satisfactory completion of Music 3221 and senior standing in applied study.

4530. MUS **Jazz Improvisation IV. (0-2-1) F.** The detailed study and performance of contemporary jazz styles. The music studied will reflect the recent influence of rock and other contemporary music on jazz repertoire. Prerequisite: Music 1530, 2530, 3530 or competence. Required of all students in the Jazz Studies Option.

4541. MUS **Sixteenth Century Counterpoint. (2-0-2) S-even-numbered years.** A basic study of techniques in polyphonic literature. Includes the styles of Palestrina and the English madrigalists. Prerequisite: Music 2541.

4542. MUS **Eighteenth Century Counterpoint. (2-0-2) S-odd-numbered years.** A basic study of contrapuntal harmonic practices, including inventions, canon, fugue, and forms based upon the chorale. Prerequisite: Music 2541.

4600. MUS **Independent Study. (Arr.-Arr.-1 to 3)** Independent pursuit of a study or research project. Outline for student's plan of work must be submitted to chairperson, Department of Music, for approval and instructor assignment. The course may be repeated to a maximum of six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4750. MUS **Choral Arranging. (2-0-2) S.** A practical approach to developing skill in scoring and arranging for various vocal ensemble combinations. Prerequisite: Three semesters of music theory.

4770. MUS **Vocal Literature. (2-0-2) S-odd-numbered years.** The study of a selected topic in vocal literature from German Lied, French chanson, American and British art song or opera. May be taken twice for credit.

4840. MUS **Band Arranging. (2-0-2) S.** A course in scoring and arranging materials for instrumental ensembles.

4850. MUS **Jazz Band Arranging. (2-0-2) S.** A course dealing with the basic problems and techniques involved in arranging for a jazz band. Prerequisite: Music 2543 or equivalent.

4860. MUS **Marching Band Procedures. (2-0-2) F.** Rudiments of marching band pageantry and field maneuvers.

4870. MUS **Style Period Proseminar. (3-0-3)** Stylistic study of the music of a period pre-selected from the following: 1) Middle Ages; 2) Renaissance; 3) Baroque; 4) Rococo-Classic; 5) Romantic; and 6) Twentieth Century. May be repeated for a maximum of 18 semester hours of undergraduate credit or nine semester hours of graduate credit. Prerequisite or corequisite: Music 3581 or 3582.

4920. MUS **Keyboard Literature. (3-0-3) S.** A study of selected literature. May be taken twice for credit.

4950. MUS **Accompanying. (Arr.-Arr.-1) S-even-numbered years.** Vocal and instrumental accompanying techniques combined with practical application. May be substituted by keyboard principals and primaries for one hour of large ensemble. Prerequisite: Junior level or permission of the instructor.

4980. MUS **Workshop in Music. (Arr.-Arr.-1 to 3) Su.** Literature, theory, techniques, pedagogy, and/or style in various media. Provided a student does not repeat courses with same content, he/she may earn a maximum of eight semester hours credit. Graduate students may enroll for a maximum of four semester hours.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

PHILOSOPHY

Undergraduate Courses

1500C. PHI PL **Culture and the Human Person. (3-0-3) F, S.** A study of Western conceptions of the human person in their cultural context. Readings will include classical, biblical, medieval, modern and contemporary sources.

1590C. PHI PL **Culture and the Human Person, Honors. (3-0-3) F, S.** A philosophical study of various conceptions of the human person in cultural context and the influences exerted by each upon the other. Readings may include classical, biblical, medieval, modern and contemporary sources. Prerequisite: Admission to the Honors Program.

1900C. PHI QR **Logical and Critical Reasoning. (3-0-3) F, S.** A study of the structure and evaluation of arguments, focusing upon: analysis and informal evaluation of everyday arguments; problem-solving strategies; formal tests of validity; conversational contexts of argumentation, and the interaction of contextual principles with principles of validity.

1990C. PHI QR **Logical and Critical Reasoning, Honors. (3-0-3) F, S.** A study of the structure and evaluation of arguments, focusing upon: analysis and informal evaluation of everyday arguments; problem-solving strategies; formal tests of validity; conversational contexts of argumentation, and the interaction of contextual principles with principles of validity. Prerequisite: Admission to the Honors Program.

2000. PHI **Ancient Philosophy. (3-0-3) F.** An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers.

2010. PHI **Eastern Philosophies. (3-0-3) S-even-numbered years.** An introduction to the traditional philosophical-religious ideas of the life and culture of China, India, and Japan.

2090. PHI **Ancient Philosophy, Honors. (3-0-3) S-even-numbered years.** An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers. Prerequisite: Admission to the University Honors Program.

2500C. PHI SI **The Good Life: Theory and Practice. (3-0-3) F, S.** A philosophical study of "the good life": its elements and preconditions. An examination of Western classical and modern theories concerning social, political and economic organization as well as their practical application to contemporary issues.

2590C. PHI SI **The Good Life: Theory and Practice, Honors. F, S.** A philosophical study of "the good life": What constitutes a good life? How ought one to live? Examination and critical analysis of a variety of ethical theories from classical to the present and their present and their practical application to contemporary issues. Prerequisite: Admission to the Honors Program.

3000. PHI **Philosophy and Current Issues. (3-0-3) S-even-numbered years.** A philosophical examination of contemporary issues concerning abortion, social justice, war and peace, ecology, gender roles, family, work and consumption, and political participation.

3010. PHI **Medical Ethics. (3-0-3) F.** A study of the application of ethics in the context of medical practice, policy and research. Basic ethical theories and principles are applied to medical issues in a way that involves understanding the social contexts in which these problems arise. Prerequisites: Three credits in philosophy and junior standing or permission of the instructor.

3020. PHI **Ethics. (3-0-3) S.** Analysis and evaluation of principal theories problems concerning Right, Good and validity of moral standards and moral conduct.

3030. PHI **Science and Human Values. (3-0-3) F-odd-numbered years.** An introductory examination of the character of scientific inquiry and its impact on religion, moral and political values.

3040. PHI **Philosophy of Art. (3-0-3) F-even-numbered years.** A critical examination of aesthetic experience and fine art: artistic creativity, the work of art, and criteria of judgment.

3050. PHI **Social and Political Philosophy. (3-0-3) S-odd-numbered years.** A philosophical examination of man in society, the foundations of social and political institutions, and the nature of political obligation.

3060. PHI **Philosophical Ideas in Literature. (3-0-3) F-odd-numbered years.** Analysis and interpretation of philosophical issues in a literary context. These include the meaning of life, moral dilemmas, the artistic value of literature, and literature as a form of philosophical expression.

3100C. PHI/ ENG FC **Cultural Foundations I. (3-0-3) F.** An in-depth look at three cultural foundations, two Western and one African. The course examines societies and values by exploring primary texts in literature, philosophy, and religion. Prerequisite: English 1002C.

3110C. PHI/ ENG FC **Cultural Foundations II. (3-0-3) S.** An in-depth look at three significant Eastern cultural foundations. The course examines societies and values by exploring primary texts in literature, philosophy and religion. Prerequisite: English 1002C.

3220. PHI **Medieval Philosophy. (3-0-3) S-odd-numbered years.** An examination of the principal philosophers from Epicurus through St. Thomas Aquinas.

3260. PHI **Modern Philosophy. (3-0-3) F.** Philosophic thought from Galileo to Kant; the foundations of modern science and implications for religious, moral, and political theory.

3280. PHI **Nineteenth Century Philosophy. (3-0-3) F-even-numbered years.** A study of the principal philosophers of the Nineteenth Century such as Hegel, Nietzsche, Kierkegaard, Mill and Marx.

3290. PHI **Modern Philosophy, Honors. (3-0-3) F-even-numbered years.** Philosophic thought from Galileo to Kant; the foundations of modern science and implications for religious, moral and political theory. Prerequisite: Admission to the University Honors Program.

3600. PHI **Philosophy of Religion. (3-0-3) F-odd-numbered-years.** A philosophical interpretation of religion, religious experience, and fundamental problems: God, evil, immortality, religious knowledge.

3720. PHI **Analytic Philosophy. (3-0-3) F-odd-numbered-years.** An examination of the analytic movement in philosophy, with emphasis upon the development of linguistic analysis from out of classical metaphysical and epistemological problems. Prerequisite: Three semester hours in Philosophy other than Philosophy 1900 or permission of the instructor.

3740. PHI **Philosophy of Mind. (3-0-3) F-even-numbered years.** A study of the major issues surrounding the concepts of mind and consciousness, and the nature of the intellectual faculties, as dealt with both historically and in contemporary theories of cognition. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3780. PHI **Philosophy of Science. (3-0-3) S-even-numbered years.** A study of the major philosophical views concerning the nature and practice of science, and including such topics as theory, experimentation, and the relation of these to reality and human life. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3800. PHI **Phenomenology and Existentialism. (3-0-3) F-even-numbered years.** An examination of the leading exponents of the phenomenological movement in 20th century philosophy, including existentialism. The course will cover such figures asHusserl, Heidegger, Sartre, Jaspers and Merleau-Ponty. Prerequisite: Three semester hours in philosophy or permission of the instructor.

3820. PHI **Contemporary European Philosophy. (3-0-3) S-odd-numbered years.** A survey of contemporary movements in European philosophy, including hermeneutics, deconstruction, critical theory, post-structuralism, and post-modernism. Covers the later Heidegger, Derrida, Foucault, Habermas, Ricoeur, Gadamer, Lyotard and Rorty. Prerequisite: Three semester hours in Philosophy or permission of the instructor.

3900. PHI **Symbolic Logic. (3-0-3) S.** An introduction to methods for analyzing and evaluating deductive arguments, using an artificial language to focus attention on the formal structure of proposi tions and arguments. Prerequisite: Three semester hours in philosophy.

3970. PHI **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

3980. PHI **Special Topics in Philosophy. (3-0-3) On demand.** An in-depth treatment of a single topic or figure in philosophy, reflecting the special interests of students and the instructor. May be repeated once for credit. Prerequisite: Permission of the instructor.

4400. PHI **Independent Study. (Arr.-Arr.-3)** Intensive individual study on a topic in philosophy selected by student under supervision of instructor. Prerequisites: Nine semester hours in philosophy and approval of the department chairperson. May be taken twice for credit with the permission of the department chairperson. Credit for up to six semester hours may be applied to the Philosophy major.

4444. PHI **Honors Independent Study. (3-0-3)** Consideration of special topics in Philosophy. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4480. PHI **Seminar. (3-0-3) S.** Advanced study of selected problems, topics, or philosophers. Prerequisite: Nine semester hours in philosophy and permission of the instructor. May be taken twice for credit with permission of the department chairperson.

4555. PHI **Honors Research. (3-0-3)** In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644. PHI **Honors Thesis. (3-0-3)** Intensive research in preparation of a thesis on a topic in Philosophy approved by faculty supervisor and the Departmental Honors Coordinator. May be taken twice for credit. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. PHI **Honors Seminar. (3-0-3)** Areas of investigation which require integration of Philosophy and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

PHYSICAL EDUCATION

Activity courses numbered 0020 to 1010 may be taken up to eight times; those numbered 1400 to 1940 may be taken up to four times. Non-physical education majors may count four semester hours in physical education activity courses toward graduation; physical education majors and minors and recreation administration majors may count up to six semester hours of credit in physical education activity courses. Hours beyond the four- and six-hour restrictions will not count toward graduation but will be computed in the cumulative grade point average. Physical education and recreation administration majors may not elect the Credit/No Credit option for one-semester-hour activity courses.

Service Courses

+0020. **Baseball (Intercollegiate Team Participation). (0-10-1) S.**
***0030.** **Basketball (Intercollegiate Team Participation). (0-10-1) F, S.**
+0050. **Soccer (Intercollegiate Team Participation). (0-10-1) F.**
+0060. **Volleyball (Intercollegiate Team Participation). (0-10-1) F.**
+0090. **Football (Intercollegiate Team Participation). (0-10-1) F.**
+0100. **Softball (Intercollegiate Team Participation). (0-10-1) S.**
***0120.** **Golf (Intercollegiate Team Participation). (0-10-1) F, S.**
***0140.** **Tennis (Intercollegiate Team Participation). (0-10-1) F, S.**
***0150.** **Wrestling (Intercollegiate Team Participation). (0-10-1) F, S.**
***0160.** **Cross Country and Track (Intercollegiate Team Participation). (0-10-1) F, S.**
***0180.** **Swimming (Intercollegiate Team Participation). (0-10-1) F, S.**
+1000. **Physical Development. (0-2-1) F, S.**
1010. PED **Prescribed Activities. (0-2-1)** The course is designed to give prescribed activities to those students where adaptive or corrective physical education is desired. Prerequisite: This is an elective course that requires permission from the University Health Service for participation.

*May repeat, with credit, for a maximum of eight times.
+May repeat, with credit, for a maximum of four times.

1310. PED **Aqua Exercise. (0-2-1) F, S.** An aqua exercise program for swimmers and non-swimmers designed to enhance fitness development. Will not count for Physical Education aquatics requirements, or in 1 hour service course requirements for Physical Education majors with teacher certification options.

1400. PED **Swimming (Beginning). (0-2-1)** For beginning swimmers only. Persons able to swim 45 feet should enroll in Physical Education 1410. May be taken four times to meet the minimum 120 semester hours toward graduation.

1410. PED **Swimming (Intermediate). (0-2-1) F, S.** For intermediate swimmers. Persons able to swim 45 feet should enroll in this class. May be taken four times to meet the minimum 120 semester hours toward graduation.

1440. PED **Lifeguarding. (0-4-2) F, S.** Upon satisfactory completion of the course, students will be certified by the American Red Cross as Lifeguards. Prerequisite: Pass a preliminary swim test. Exit requirements to be completed by the end of the course: ARC Standard First Aid (Health Studies 3120), and CPR, or equivalent certifications. May be taken four times to meet the minimum 120 semester hours toward graduation.

1470. PED **Lifeguard Instructor Training. (0-2-1) S.** An introduction to the techniques of teaching the American Red Cross course, Lifeguard Training, and basic rescue skills. Students receive ARC certification upon completion of course requirements. Prerequisites: 17 years old and Physical Education 1440 or proof of having taken ARC Lifeguard Training. May be taken four times to meet the minimum 120 semester hours toward graduation.

1480. PED **Canoeing. (0-2-1) F.** Prerequisite: Demonstrate level of swimming ability by passing a pre-test. May be taken four times to meet the minimum 120 semester hours toward graduation.

1600. PED **Weight Training. (0-2-1)** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1610. PED **Archery. (0-2-1) F.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1640. PED **Rifle and Pistol. (0-2-1) F, S.** Students will fire caliber .22 rifles in prone, kneeling and standing positions. Students will also shoot caliber .22 pistols slow, timed, and rapid fire in the standing position. Fee. May be taken four times to meet the minimum 120 semester hours toward graduation.

1660. PED **Bowling. (0-2-1)** Fee. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1670. PED **Golf. (0-2-1)** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1680. PED **Stunts and Tumbling. (0-2-1) F.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1681. PED **Gymnastics Apparatus. (0-2-1) S.** This is a beginning course. May be taken four time to meet the minimum 120 semester hours twoard graduation.

1691. PED **Jogging. (0-2-1) F, S.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1692. PED **Aerobic Exercise. (0-2-1) F, S.** Designed to introduce students to the fundamentals of aerobic exercise which is accompanied by music and which promotes an understanding of personal physical fitness. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1720. PED **Basketball. (0-2-1) F, S.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1740. PED **Soccer. (0-2-1) F.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1750. PED **Softball. (0-2-1) F.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1770. PED **Volleyball. (0-2-1) F.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1810. PED **Badminton. (0-2-1) F, S.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1830. PED **Racquetball. (0-2-1)** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1850. PED **Self Defense. (0-2-1) F, S.** The course is designed to introduce students to the art of self defense.

1870. PED **Tennis. (0-2-1)** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1920. PED **Ballroom Dance. (0-2-1) F, S.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1930. PED **Square Dance. (0-2-1) F, S.** This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1940. PED **Jazz Dance. (0-2-1) F, S.** Fundamentals of jazz dance techniques. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

Non-Credit Intercollegiate Sports

0750. **Fall Softball. (5-0-0) F.**
0830. **Fall Baseball. (5-0-0) F.**
0990. **Spring Football. (5-0-0) S.**

Undergraduate Professional Courses

1130. PED **Introduction to Athletic Training. (0-4-2) F.** Laboratory experiences designed to introduce basic athletic training skills and procedures. Fee.

1500. PED **Physical Education as a Profession. (2-0-2) F, S.** An introductory professional course which includes the general scope, purpose, history, growth and development, and career assessment of physical education.

2000. PED **Technique and Practice of Teaching Physical Education Activities. (0-2-1) F, S.** An introduction to the techniques of teaching physical education through observation and participation. A minimum of 21 clock hours will be spent in a pre-clinical teaching experience.

2101. PED **Technique and Theory of Badminton and Tennis. (0-4-2) F.** The development of basic skills and techniques of badminton and tennis.

2102. PED **Technique and Theory of Golf and Bowling. (0-4-2) F.** The development of basic skills and techniques of golf and bowling.

2103. PED **Technique and Theory of Track and Field and Weight Training. (0-4-2) S.** The development of basic skills of track, field, and weight training.

2105. PED **Techniques and Analysis of Stunts, Tumbling and Gymnastics. (0-4-2) F, S.** Participation in various phases of gymnastics and emphasis on analyses and uses of activities in teaching and recreation.

2106. PED **Technique and Theory of Team Activities. (0-4-2) F, S.** Introduction to dual, combative, and large group activities of low organization of recreational nature considered as enrichment activities for junior and senior high school physical education.

2130. PED **Athletic Training Practicum. (0-5-1) F, S.** Practical experience in athletic training procedures. May be taken for a maximum of six semester hours. Prerequisite: Physical Education 1130.

2131. PED **Therapeutic Modalities. (0-4-2) F-odd-numbered years.** A study of the physical principles, physiological effects, indications, contraindications, and standard operating procedures of all therapeutic modalities commonly used in sport medicine.

2132. PED **Therapeutic Exercise. (0-4-2) F-even-numbered years.** A study of indications, contraindications, physiological effects, special programs, resistance methods, and prescription relating therapeutic and injury preventive exercise.

2144. PED **Technique and Theory of Scuba Diving. (1-2-2) F, S.** The course is designed to develop skills in skin and scuba diving through the use of drills and practical application of diving techniques. A portion of the course deals with lecture material directly related to the safety aspects of diving. Fee.

2145. PED **Technique and Theory of Teaching Swimming (WSI). (0-4-2) F, S.** An introduction to the techniques of teaching swimming, including practice in all American Red Cross programs. Students will receive Red Cross WSI certification to teach upon completion of course requirements. Prerequisites: Must pass a preliminary swim test; Physical Education 1440 suggested.

2220. PED **Technique and Theory of Folk, Square, and Ballroom Dance I. (0-4-2) F, S.** Basic techniques and skills in folk, square and ballroom dance.

2230. PED **Technique and Theory of Modern Dance I. (0-4-2) F, S.** An introduction to an American dance art form. The techniques and the philosophy on which they are based are explored in a studio setting. May be used as partial fulfillment of the fine arts and humanities requirements.

2260. PED **Technique and Theory of Ballet. (0-4-2) F.** A course with emphasis on beginning classical ballet techniques.

2360. PED **Techniques and Theory of Softball and Volleyball. (0-4-2) S.** The development of basic game skills, strategies and technique in softball and volleyball.

2380. PED **Technique and Theory of Flag Football and Basketball. (0-4-2) S.** The development of basic game skills, strategies and techniques in basketball and flag football.

2390. PED **Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. (0-4-2) F.** Instruction in the techniques, theory, and game procedures in soccer, speedball, and modified team sports.

2440. PED **Kinesiology. (4-0-4)** The study of basic human anatomy, muscle actions, and laws of physics as used in the performance of sport skills.

2450. PED **Physical Education for Exceptional Individuals. (3-0-3) F, S.** An introduction to various conditions and activity programs, suitable to the needs of exceptional individuals.

2850C. PED WB **Fitness for Life. (2-2-3)** An individualized approach for the assessment, analysis and understanding of a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment in the Human Performance Laboratory.

2890C. PED WB **Fitness for Life, Honors. (2-2-3) On demand.** An individualized approach for the assessment, analysis, and understanding of a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment in the Human Performance Laboratory. Prerequisite: Admission to the University Honors Program.

2900C. PED FA **International Expression for Dance. (3-0-3)** A study of major international dance forms, with emphasis on awareness, appreciation, and understanding of their contributions to the arts in past and present cultures.

2960. PED **Aesthetics of the Dance. (3-0-3) S.** A study of dance as a created, performed, perceived art with discussion of aesthetic principles and stylistic approaches as they relate to dance as an art experience.

3130. PED **Basic Care and Prevention of Athletic Injuries. (3-0-3)** Primary causes of injuries; analysis of preventive measures; care of injuries in relation to type of tissue involved. Fee.

3131. PED **Injury Recognition. (0-4-2) S-even-numbered years.** A study of the relationship of various anatomical structures, stress tests, and functional tests to different aspects of sports medicine trauma. Prerequisite: Zoology 2000 or permission of the instructor.

3132. PED **Seminar in Sports Medicine. (2-0-2) S-odd numbered years.** Seminar approach to relate athletic training skills to the entire sports medicine field. Prerequisite: Physical Education 1130.

3400. PED **Methods of Teaching Physical Education. (3-0-3)** Techniques and methods of teaching students in the area of physical education. Thirty clock hours minimum of pre-clinical experience required. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3460. PED **Soccer Coaching. (2-1-2) S.** A course which includes offensive and defensive styles of play, fundamental skills, individual and team play, and rules and strategy of soccer. Prerequisite: Previous background or permission of the instructor.

3470. PED **Basketball Coaching. (2-2-3) F.** Offensive and defensive styles of play; fundamentals, individual and team play; rules and strategy; conduct of tournament play. Prerequisite: Previous background or permission of instructor.

3480. PED **Football Coaching. (2-2-3) S.** Fundamentals of football including blocking, tackling, passing, kicking, offensive and defensive line and backfield play; conditioning; rules and strategy. Prerequisite: Previous background or permission of instructor.

3490. PED **Track and Field Coaching. (2-2-3) S.** Fundamentals of track and field events. Organization of track meets. Study of rules and strategy. Prerequisite: Previous background or permission of instructor.

3500. PED **Baseball Coaching. (2-1-2) F.** This course is designed to provide the student with the knowledge and skills to coach baseball. Emphasis is placed upon coaching methods and techniques, formulation of practice plans, offensive and defensive team strategy, and in-depth study of baseball rules. Prerequisite: Permission of the instructor.

3600. PED **Introduction to Elementary School Physical Education. (0-4-2)** Physical education as it relates to the total education of the elementary school child with emphasis on the developmental approach.

3610. PED **Game Activities for Elementary Schools. (3-0-3) F.** Body mechanics and games; emphasis is on the analysis of and practice in such basic skills as throwing, catching, dodging, striking an object. Prerequisite: Physical Education 3600.

3620. PED **Rhythmical Activities for Elementary Schools. (3-0-3) F.** Dance and creative rhythms; emphasis is on basic locomotor and axial skills in movement as well as the specific skills in folk and square dance. Prerequisite: Physical Education 3600.

3630. PED **Tumbling and Apparatus Activities for Elementary Schools. (3-0-3) S.** A study of tumbling and apparatus in the elementary school curriculum. Spotting techniques in mat and apparatus work are stressed. Prerequisite: Physical Education 3600.

3700. PED **Psychological Foundations of Coaching. (2-0-2) F.** The course is designed to provide the prospective athletic coach with an understanding of the principles of psychology as they apply to coaching. Prerequisite: Psychology 2000.

3750. PED **Softball Coaching. (2-1-2) F.** Fundamentals of advanced skills and strategies of softball with emphasis on teaching and coaching techniques to be used at various levels of game play. Prerequisite: Previous background or permission of instructor.

3770. PED **Volleyball Coaching. (2-1-2) F.** Fundamentals of advanced skills and strategies of volleyball with emphasis on teaching and coaching techniques to be used at various levels of game play. Prerequisite: Previous experience or permission of instructor.

3900. PED **Microcomputers in Physical Education. (3-0-3) F.** This course is designed to orient students to the various kinds of software and hardware being used in the physical education and fitness-related occupations. History, hardware and software selection specific to physical education, software evaluation, fitness data management, and word processing will be included in the course content. Prerequisite: No minimum programming level requirements; this is not a programming course. Credit will not be given for both Health Studies 3199 and Physical Education 3900.

4275. PED **Field Experience. (Arr.-Arr.-3 or 6) Credit/No Credit** An individually planned work experience in a business, agency, or program appropriate to the student's area of specialization. Prerequisite: Physical Education major, permission of B.S. Advisor and Chairperson.

4320. PED **Organization, Administration and Curriculum of Physical Education. (3-0-3)** This course is designed to orient students to curriculum and organizational, supervisory and administrative theories and procedures necessary to implement a sound physical education program in both the educational and business settings.

4340. PED **Principles of Exercise Physiology. (3-0-3)** The course is designed to provide the prospective physical educator and paramedical personnel with an understanding of the physiological factors which affect human performance. Prerequisite: Zoology 2001C.

4440. PED **Physical Fitness Appraisal and Performance Assessment. (2-2-3) F.** A study of the basic scientific components of fitness and the measurement of different indices of physical fitness common to corporate, clinical, and laboratory settings. Prerequisites: Physical Education 4340, Zoology 2001C.

4450. PED **Designing Exercise and Sports Training Programs. (3-0-3) S.** The application of exercise science principles to the design and implementation of exercise and sports training programs for the coach, teacher and sport practitioner. Prerequisites: Physical Education 4340, 4440, Zoology 2001C.

4470. PED **Measurement and Evaluation in Physical Education. (3-0-3)** Selection and administration of physical measurements and written tests commonly used in physical education.

4741. PED **Independent Study. (Arr.-Arr.-1-3)** *Note*: May be repeated; the maximum amount of credit which may be earned is six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4760. PED **Sport Law. (3-0-3) S.** A survey of the law of liability, negligence and tort in sport (including coaching) and fitness agencies. Pertinent concepts related to owning and operating a fitness club and legal constraints affecting the operation of athletic facilities will be included. Prerequisite: Physical Education 4320 or permission of instructor.

4761. PED **Sport Management and Administration. (3-0-3) F.** Concepts, administrative processes, systems and styles with theoretical application to leadership in various sport and fitness environments. Prerequisite: Physical Education 4320 or permission of instructor.

4762. PED **Publicity in Sports. (3-0-3) S.** Applications and protocol of sports publicity strategies. Prerequisite: Journalism 3820 or Journalism/Speech Communication 4820 or permission of instructor.

4820. PED **School Recreation and Intramural Sports. (2-2-3) Su.** The philosophy of intramurals and school recreation dealing with the functions and techniques of administrative personnel including scheduling and programming of a variety of school recreational activities. Practical experience is provided. Credit not granted for both Physical Education 4820 and Leisure Studies 4820.

4880. PED **Theory of Motor Behaviors. (3-0-3) S.** A study of the factors influencing human movement and skill learning. Emphasis is placed upon theories and concepts relating to motor skill performance.

4900. PED **Special Topics in Exercise Physiology. (1-0-1)** Study of special topics and contemporary issues and trends in Exercise Physiology. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. Prerequisites: Physical Education 2440, 4340, Zoology 2000C; or equivalent undergraduate exercise physiology course.

Graduate Courses

(Courses numbered 5000-5499 inclusive may be taken by a senior whose grade point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School.) **For graduate courses, see the *Graduate Catalog*.**

PHYSICAL SCIENCES

Undergraduate Course

3400. PHS **Methods of Teaching Physical Sciences. (3-0-3) F.** Science lesson presentations and examination of current literature concerning new approaches in teaching chemistry and physics. Thirty clock hours in pre-student teaching are included. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, Secondary Education 3000 and 3100; for Middle Level Education majors, Middle Level Education 3110.

Graduate Courses

Courses in chemistry and physics are used for the M.S. in Education degree in Physical Sciences. See listings for Chemistry and Physics.

PHYSICS

Physics 1350, 1360C, and 1370 constitute the standard introductory sequence in physics for majors and minors in chemistry, physics, and pre-engineering. Physics 1150 and 1160C are intended primarily for geology, life science, and industrial technology majors, students in the health professions and others desiring a full-year cultural exposure to physics in a course with less technical emphasis than the 1300 series.

Undergraduate Courses

1000. PHY **Engineering Orientation. (Arr.-0-0) F, S.** Informational presentations concerning Engineering, in general, and the various engineering specialties that students may elect to pursue. Required of all pre-engineering majors during each semester of attendance.

1050C. PHY PS **Adventures in Physics. (3-2-4)** An introduction to the universal laws of nature, their governance of phenomena in everyday life, and their application to inventions in our technological society.

1051C. PHY PS **Physics of the Modern World. (3-0-3)** An introduction to some of the revolutionary ideas of modern physics, such as quantum theory, nuclear physics, and relativity, and how their applications have shaped our modern technological society.

1054C. PHY PS **Descriptive Astronomy. (2-2-3)** An introduction to the solar system, planets, stars, interstellar medium, galaxies, evolution of stars and galaxies, big bang cosmology, and the structure of the very early and very late universe.

1070. PHY **Physics of Sound and Music. (3-2-4)** Development of basic ideas in physics of motion and applications to vibrations and sound waves. Introductory concepts in perception of loudness, pitch, and timbre. Fundamental ideas in musical scales, acoustics of rooms and acoustics of musical instruments. Does not count toward a physics major or minor.

1150. PHY **Principles of Physics I. (3-2-4) F, S.** Mechanics; Newton's Laws of Motion, Energy, Momentum, Conservation Principles, Gravity, Simple Harmonic Motion, Waves, Heat. Designed for majors in geology, life sciences, health professions, industrial

technology, etc. Credit not given for both 1150 and 1350. Prerequisite: Mathematics 1400.

1160C. PHY PS **Principles of Physics II. (3-2-4)** Electricity and Magnetism, Optics, Modern Physics. Designed for majors in geology, life sciences, health professions, industrial technology, etc. Credit not given for both 1160C and 1360C. Prerequisites: Physics 1150 and Mathematics 1400.

1350. PHY **General Physics I. (3-3-4) F, S.** Statics, kinematics, dynamics, simple harmonic motion. Straight-line and projectile motion. Conservation Principles. Work, energy, momentum. The first of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Corequisite: Mathematics 1441C. Credit not given for both 1350 and 1150.

1360C. PHY PS **General Physics II. (3-3-4) F, S.** Thermodynamics, electricity and magnetism. The second of a three-semester sequence designedfor students in chemistry, pre-engineering, mathematics, physics, etc. Corequisite: Mathematics 2442. Prerequisite: Physics 1350. Credit not given for both Physics 1360C and 1160C.

1370. PHY **General Physics III. (3-3-4) F, S.** Wave motion and sound, optics, modern physics. The third of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Corequisite: Mathematics 2443. Prerequisite: Physics 1360C.

1390. PHY **General Physics I, Honors. (3-3-4) F.** A quantitative study of kinematics, statics, dynamics and simple harmonic motion. Equations of motion are based upon an application of Newton's Laws, conservation principles, the work-energy theorem and Newton's Law of Universal Gravitation. Corequisite: Mathematics 1441C or 1491C. Prerequisite: Admission to the University Honors Program.

2200C. PHY/ INT PS **Materials Science. (2-0-2) F, S.** Understanding the nature, applications, and environmental effects of natural and synthetic materials. Study of recycling and reclaiming materials and the problems associated with waste.

2390. PHY **Classical Mechanics I. (3-0-3) F, S.** One-dimensional motion, line integral computation of work, vector analysis in coordinate systems, conservative fields, harmonic motion. Prerequisite: Physics 1350 or permission of the instructor. Corequisite: Mathematics 2443.

2400. PHY **Classical Mechanics II. (3-0-3) F, S.** Central force motion, gravitational fields and potential, accelerated coordinate systems, vibrating string. Prerequisite: Physics 2390. Corequisite: Mathematics 2443.

2600. PHY **Introductory Research in Physics. (Arr.-Arr.-1-3)** Faculty-supervised experimental, theoretical, or computational research. A written record of laboratory work is required. A short oral presentation will be made that summarizes the student's work for the semester. Prerequisites: Physics 1350, permission of instructor, and permission of department chair. Can be repeated for credit.

3010, 3011, 3012. PHY **Special Topics in Physics. (Arr.-Arr.-1-3) F, S.** A course in a selected area of Physics. May be repeated for credit if different topic is taught. Prerequisites: Physics 1350, 2390, Mathematics 2443. Only six semester hours may be counted toward Physics major.

3080. PHY **Modern Physics I. (3-0-3) S.** The fundamental concepts of physics of the twentieth century are taught within a limited mathematical framework. Prerequisites: Physics 1370 and Mathematics 2443; Corequisite: Physics 2390.

3090. PHY **Modern Physics II. (3-0-3) F-odd-numbered years.** Continuation of Physics 3080 applied to the subjects of atomic, molecular, solid state physics, lasers and selected topics from twentieth century physics. Prerequisites: Physics 3080, Mathematics 2443.

3150. PHY **Electronics. (2-4-4) F.** A study of the fundamental principles of, and hands-on experience with, analog electronics. Topics include: DC, AC and transient circuit analysis techniques, rectification, active and passive filtering, regulation, oscillator circuits, and computer simulations using PSpice. Prerequisites: Physics 1160C or 1360C, Mathematics 2110C or 1441C.

3270. PHY **Introduction to Circuit Analysis. (4-0-4) S.** Basic principles of network analysis, including Kirchoff's laws, node and mesh equations, matrix methods, equivalent circuits, operational amplifiers, transient analysis, sinusoidal steady-state analysis, three-phase circuits, transformers, network functions, and frequency response. Prerequisite: Physics 1360C, credit or registration in Mathematics 3501 and some knowledge of matrices and computer programming.

3300. PHY **Advanced Classical Mechanics. (3-0-3) S-odd-numbered years.** The theory of rigid body motion. Lagrangian and Hamiltonian mechanics, coupled oscillating systems, normal modes and relativistic kinematics and dynamics. Prerequisite: Physics 2400.

3350. PHY **Introduction to Solid State Physics. (3-0-3) S-odd-numbered years.** Discussion of crystal structure, crystallography, the theory of thermal and electrical transport properties of metals, semiconductivity, and superconductivity. Corequisite: Physics 3410 or Chemistry 3920.

3410. PHY **Electricity and Magnetism I. (3-0-3) F-even-numbered years.** Coulomb's law, electric fields, potential, Gauss' law, capacitance, dielectrics, electrostatic energy, DC circuits, introduction to magnetic fields and forces, induction. Prerequisite: Physics 2390 and Corequisite: Mathematics 3501.

3420. PHY **Electricity and Magnetism II. (3-0-3) S-odd-numbered years.** Advanced magnetism, magnetic materials, magnetic energy, varying electric currents, AC circuits, Maxwell's equations, electromagnetic radiation. Prerequisite: Physics 3410.

3500. PHY **Laboratory Practicum. (0-3-1) F, S.** Practical experience in laboratory procedures for introductory physics laboratories. Students will gain experience in the methods of preparation and presentation of physics laboratories. This course is open only to Physics majors and Physics majors and minors in the Teacher Certification program. May be repeated for a maximum of three semester hours of credit. Prerequisite: Physics 1370.

4000. PHY **Seminar in Physics. (1-0-1) F, S.** Reports and discussions of selected topics with instructor approval for oral presentation. Required of junior majors. May be taken twice for credit.

4010. PHY **Seminar in Physics. (1-0-1) F, S.** Reports and discussions of selected topics with instructor approval for oral presentation. Required of senior majors. May be taken twice for credit.

4410. PHY **Independent Study. (Arr.-Arr.-1 to 3) On demand.** Selected problems based on student's interests. Admission and assignment of problems by arrangement. Laboratory, reading and conference. Prerequisite: Permission of instructor.

4444. PHY **Honors Independent Study. (3-0-3)** Consideration of special topics in Physics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4470. PHY **Optics. (3-3-4) S-even-numbered years.** Geometrical optics, optical instruments, wave optics: superposition, coherence, interference, diffraction, polarization. Prerequisite: Physics 1370.

4555. PHY **Honors Research. (3-0-3)** In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4600. PHY **Research in Physics. (Arr.-Arr.-1-3)** Faculty-supervised research. A written report and an oral presentation are required. Prerequisites: Physics 2390, permission of instructor and department chair. Can be repeated for credit. Limit of three semester hours of Physics 4410, 4600 and 4800 in aggregate count toward Physics electives.

4644. PHY **Honors Thesis. (3-0-3)** Intensive research in preparation of a thesis on a topic in Physics approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. PHY **Honors Seminar. (3-0-3)** Areas of investigation which require integration of Physics and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4710. PHY **Experimental Physics. (0-4-1) F.** Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Corequisite: Physics 3150. May be repeated for a maximum of three semester hours of credit.

Courses Open to Juniors, Seniors, and Graduate Students

4750. PHY **Thermodynamics and Statistical Mechanics. (4-0-4) F-even-numbered years.** Thermometry, thermodynamic laws, kinetic theory, Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics and applications. Prerequisites: Physics 1360C, Mathematics 2442.

4800. PHY **Independent Study. (Arr.-Arr.-1 to 6) On demand.** Selected problems based on the student's interests. Admission and assignment of problems by arrangement. Laboratory, reading, and conference. Prerequisite: Permission of the instructor.

4850. PHY **Quantum Mechanics and Atomic Physics I. (4-0-4) F-odd-numbered years.** Schrodinger equation applied to one-, two-, and three-dimensional problems, harmonic oscillator and hydrogen atom, uncertainty principle. Prerequisites: Physics 2400 and 3080; Mathematics 2443 and 3501.

4860. PHY **Quantum Mechanics and Atomic Physics II. (2-0-2) S-even-numbered years.** Applications of the Schrodinger equation to nuclear, solid state, exclusion principle, angular momentum, atomic spectroscopy. Prerequisite: Physics 4850.

4870. PHY **Mathematical Methods of Physics. (3-0-3) F-odd-numbered years.** Selected topics from dynamics (Lagrangian, Hamiltonian), electromagnetic theory (Maxwell's equations), etc. Prerequisites: Physics 2400, Mathematics 2443 and 3501.

For graduate courses, see the *Graduate Catalog*.

POLITICAL SCIENCE

Undergraduate Courses

1003. PLS **Introduction to Politics. (3-0-3) F, S.** A national and world survey of the political process, political ideologies and aspects of political development.

1011. PLS **Participation in Political Campaigns. (1-Arr.-1) F (state and national election years). (Credit/No Credit)** Active participation in the electoral campaign of an individual candidate for state or national office or for the candidates of one political party. May be repeated with permission of the department chairperson.

1093. PLS **Current Problems in Politics and Governments, Honors. (3-0-3) On demand.** A national and world survey of political conflict, theories of democracy and socialism, and political, social and economic aspects of development. Prerequisite: Admission to the University Honors Program.

1153C. PLS US **American Government and Constitution. (3-0-3)** The fundamental principles of the American constitutional system with appropriate comparisons to the Illinois Constitution: The founding fathers, the Constitution, civil liberties, the President, Congress, the Judiciary, political parties, and electoral politics.

1193C. PLS US **American Government and Constitution, Honors. (3-0-3) F, S.** The fundamental principles of the American consti-tutional system with appropriate comparisons to the Illinois Constitution: The founding fathers, the Constitution, civil liberties, the President, Congress, the Judiciary, political parties, and electoral politics. Prerequisite: Admission to the University Honors Program.

2002. PLS **Introduction to Methods and Sources of Political Research. (2-1-2) F, S.** An introduction to research methodology emphasizing research design, sources of information, and use of library materials.

2053. PLS **Analysis of Political Data. (3-0-3) F, S.** Quantitative techniques used in analyzing political systems. Practical experience in computer-assisted research. Not open to non-majors without permission of the instructor.

2211. PLS **Techniques of United Nations Diplomacy. (1-0-1) S.** A role-playing experience in which students represent selected countries at the Midwest Model United Nations Assembly. The countries represented will vary from year to year and the course may be repeated once. Prerequisite: Restricted to students selected to represent Eastern Illinois University at the Midwest Model United Nations. Students pay meal charges while attending competition.

2253C. PLS HB **Global Politics and Interdependence. (3-0-3)** Political, social and economic interaction at the global level, with an emphasis on the emergence of values and institutions supportive of solutions to contemporary problems in the Third World as well as in other regions.

2293C. PLS HB **Global Politics and Interdependence, Honors. (3-0-3) On demand.** Political, social, economic, and environmental interaction at the global level, with an emphasis on the emergence of values and institutions supportive of global solutions to contemporary problems. Prerequisite: Admission to the University Honors Program.

2512. PLS **Mock Trial. (0-4-2) S.** A role-playing class in which students are trained to represent attorneys and witnesses in a mock trial competition. Prerequisite: Permission of the chairperson of Pre-legal Studies Committee. Course may be repeated for a total of four semester hours, but no more than two semester hours may count toward the Political Science major or the Political Science minor. Students pay travel, room and meal charges while attending competition.

2603. PLS **State and Local Government. (3-0-3)** Structures, functions, processes and leadership of state, county and city governments, including analysis of political, constitutional and policy issues facing state and local legislators, executives, administrators and judges.

2611. PLS **Model Illinois Government. (1-0-1) S.** The legal authority, structure and functions of the state legislature in Illinois. May be repeated for a total of two credits with permission of instructor.

2693. PLS **State and Local Government, Honors. (3-0-3) On demand.** Structures, functions, processes and leadership of state, county and city governments, including analysis of political, constitutional and policy issues facing state and local legislators, executives, administrators and judges. Prerequisite: Admission to the University Honors Program.

3203. PLS **American Foreign Policy. (3-0-3) F.** An analysis of major American foreign policy problems and the factors shaping foreign policy decisions.

3223. PLS **International Organizations. (3-0-3) S.** An analysis of the development, scope and functions of general and regional international organizations and the process of international integration.

3303. PLS **European Politics and Government. (3-0-3) F.** European political attitudes, parties and elections, policymaking, domestic and foreign policy, and political and economic integration.

3323. PLS **Politics of Communist and Post-Communist Europe. (3-0-3) S.** The Marxist-Leninist police states, their transitions to democracy, and their searches for new identities.

3343. PLS **Government and Politics of the Middle East. (3-0-3) S.** The governments and politics of the countries of the contemporary Middle East with an emphasis upon the processes of political modernization. Prerequisite: Three semester hours of political science.

3363. PLS **Government and Politics in Asia-Pacific Rim. (3-0-3) F.** An introduction to the political systems of major Asian-Pacific Rim nations, emphasizing processes of modernization, system-building, regionalism, and international relations, including the impact of nationalism and colonialism. Prerequisites: Three semester hours of political science.

3373. PLS **Politics, Oil, and Conflict in the Persian Gulf Region. (3-0-3) F.** A study of the politics of the Persian Gulf States with an emphasis upon oil as a factor in political modernization and regional and international relations. Prerequisite: Three semester hours of political science or permission of instructor.

3383. PLS **Politics of Third World Nations. (3-0-3) F.** A comparative survey of the policy, politics and processes of Third World nations with an emphasis on South American nations.

3413. PLS **Introduction to Public Administration. (3-0-3) F.** A study of the growth, principles and problems of public administration and the relationship to public policy. Prerequisite: Political Science 1153C.

3513. PLS **Politics and the Legal Process. (3-0-3) S-even-numbered years.** An analysis of the legal process as an integral part of the American political system with an emphasis upon the behavior of its participants: the police, lawyers, defendants, plaintiffs, politicians.

3523. PLS **Criminal Law. (3-0-3) F.** Problems in the administration of criminal justice, with emphasis on topics such as search and seizure, arrest, interrogation, lineups, and the scope and administration of the exclusionary rule.

3543. PLS **Civil Liberties in America. (3-0-3) S-odd numbered years.** An analysis of U.S. Supreme Court decisions in these areas: freedom of religion, freedom of expression, affirmative action, political participation, and the right of privacy.

3593. PLS **Politics and the Legal Process, Honors. (3-0-3) On demand.** An analysis of the legal process as an integral part of the American political system with an emphasis upon the behavior of its participants: the police, lawyers, defendants, plaintiffs and politicians. Prerequisite: Admission to the University Honors Program.

3643. PLS **Comparative State Politics. (3-0-3) F.** An introduction to the comparative analysis of state political systems with an emphasis on state administration and policy outputs.

3713. PLS **Political Parties and Elections. (3-0-3) F.** An examination of the structure, function and role of political parties in the United States. Prerequisite: Political Science 1153C or permission of the instructor.

3723. PLS **Political Behavior. (3-0-3) S.** An analysis of individual and group political behavior with an emphasis upon current research. Prerequisite: Political Science 1153C or permission of the instructor.

3733. PLS **Interest Groups. (3-0-3) S.** An examination of the roles interest groups play in the political process, focusing on the development and maintenance of such groups as businesses, public interest groups, foreign lobbies and labor unions. Prerequisite: Political Science 1153C or permission of the instructor.

3743. PLS **The Legislative Process. (3-0-3) S.** An examination of the structures and functions of legislative bodies at the national, state and local levels. Prerequisite: Three semester hours in Political Science or permission of the instructor.

3753. PLS **The American Presidency. (3-0-3) F.** An analysis of the development of the 20th century presidency, focusing on presidential elections, popularity and power, and relations with Congress and the courts. Prerequisite: Three semester hours in Political Science or permission of the instructor.

3903. PLS **Gender and Public Policy. (3-0-3) F.** An analysis of the policies affecting the relative status and rights of women and men with emphasis on Supreme Court decisions and national legislation designed to promote equality of the sexes.

3970. PLS **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4275. PLS **Internship. (Arr.-Arr.-1 to 12) (Credit/No Credit)** Work experience as an intern in a government agency, political party or law firm. Amount of credit depends on length of the work experience. Credit for this course does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the University. Prerequisites: 2.50 GPA, 2.75 GPA in Political Science, and three courses in Political Science; permission of department chairperson. Pre-law interns need the permission of the Pre-Legal Studies Committee chairperson to register for internships.

4444. PLS **Honors Independent Studies. (1-3)** Consideration of special topics in political science. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4503. PLS **Independent Study. (Arr.-Arr.-1 to 6)** Individual study of a topic of the student's choice under the supervision of an instructor. The student must submit a study plan within the first two weeks of the semester. Prerequisites: Six semester hours of political science, senior standing and permission of the department chairperson. *Note*: A maximum of six semester hours may be earned in this course. A maximum of three semester hours may be applied to the major in political science.

4555. PLS **Honors Research. (3)** In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites: Admission to the Departmental Honors Programs and permission of the Departmental Honors Coordinator.

4644. PLS **Honors Thesis. (3)** Intensive research in preparation of a thesis on a topic in political science approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4774. PLS **American Constitutional Law. (4-0-4) F.** An analysis of Supreme Court decisions on federalism; powers of the President, Congress and the Supreme Court; commerce; taxation; and the civil liberties of the individual.

4793. PLS **Public Administration: Organization and Process. (3-0-3) F.** The application of organization theory to administrative structures, processes and behavior in government bureaucracies. Includes an examination of bureaucratic politics and policymaking, administrative leadership and alternative models of public organization and management. Prerequisite: Political Science 1153C or permission of the instructor.

4823. PLS **International Policy Issues. (3-0-3) S-even-numbered years.** An analysis of contemporary world problems from the point of view of different nation-states. Students will help select the issues. Prerequisite: Nine semester hours in the social sciences or permission of the instructor.

4843. PLS **Analysis of Urban Politics. (3-0-3) F.** Urban government structures, power, decision-making and policies. Includes analysis of urban political economy; cities and race; urban leadership; federal and state government policies toward cities; and challenges facing urban governance

4853. PLS **Contemporary Constitutional Development. (3-0-3) S.** An analysis of current decisions and politics of the Supreme Court with emphasis on equal protection, first amendment, due process, and changes in the powers of the executive, legislative and judicial branches. Prerequisite: Three semester hours in public law or permission of the instructor.

4863. PLS **Special Topics in Political Science. (3-Arr.-1-5)** Study of special topics in Political Science that are not ordinarily covered in existing courses. Topics to be announced. Study may include lecture, readings, oral presentations, group projects, and written assignments. May be repeated for credit on a different topic.

4873. PLS **Government Personnel Administration. (3-0-3) S.** An examination of the political environment's impact on personnel policies of local, state and federal agencies. Policies ranging from rights of government employees to affirmative action programs will be explored. Prerequisite: Political Science 1153C or permission of the instructor.

4893. PLS **Government Budgeting and Taxation. (3-0-3) S.** A study of how and why federal tax revenues are allocated to various programs; an examination of federal, state, and local fiscal policies. Prerequisite: Political Science 1153C or permission of instructor.

4903. PLS **Political Theory: Ancient, Medieval, and Modern. (3-0-3) F.** The origins and evolution of major concepts in political thought from the time of Pericles through Rousseau. Prerequisite: Six semester hours of political science or permission of the instructor.

4913. PLS **Contemporary Political Theory. (3-0-3) S.** Concepts in political thought with an emphasis on the development of communist, fascist, social democratic and contemporary theory. Prerequisite: Six semester hours of political science or permission of the instructor.

4933. PLS **Ideologies of the Third World Nations. (3-0-3) S.** Survey of Third World political thought with a focus on the ideologies of nationalism, revolution, socialism, and democratic reform. Prerequisite: Three semester hours of political science or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

PSYCHOLOGY

Undergraduate Courses

1879C. PSY HB **Principles of Psychology. (3-0-3)** An integrated overview of the basic methods and principles of psychology including natural and social science contributions to the understanding of behavior and cognitive processes. Credit not given for both Psychology 1879C and 2000.

1890C. PSY HB **Principles of Psychology, Honors. (3-0-3) F.** An integrated overview of the basic methods and principles and psychology including natural and social science contributions to the understanding of behavior and cognitive processes. Prerequisite: Admission to Honors Program. Credit not given for both Psychology 1890C and 2000.

2000. PSY **Introduction to Psychology. (3-0-3)** An introduction to and overview of the basic methods and principles of psychology. Students may be required to participate in psychological studies. Credit not given for both Psychology 1879C/1890C and 2000.

2610. PSY **Statistical Methods of Psychology. (3-2-4)** Application of statistical methods to behavioral data. Prerequisites: Psychology 1879C or 2000 and Mathematics 1271 or 1300 or satisfactory score on the Math Placement Exam.

2999. PSY **Psychological Forum. (1-0-1) F, S.** A variety of methods, including surveys, case studies, and archival studies will be explored focusing on the profession of psychology. Prerequisites: Psychology 1879C or 2000, academic standing as a sophomore psychology major.

3001. PSY **Environmental Psychology. (3-0-3) F, Su.** The application of psychological theories and principles of human behavior to the study of the design and use of built and natural environments and to the understanding and control of environmental problems. Prerequisite: Psychology 1879C or 2000.

3250. PSY **Human Interaction Skills. (2-1-2)** A didactic and experiential approach to developing effective communication skills and increasing awareness of one's own interpersonal style. Prerequisite: Psychology 1879C or 2000.

3260. PSY **Introduction to Group Dynamics. (1-2-2) F, S.** Introduction to group dynamics and therapeutic group procedures. Laboratory and classroom experiences will be utilized to provide direct group experiences and a basic fund of information of theoretical and empirical literature pertaining to groups. Prerequisites: Psychology 1879C or 2000 and approval of instructor prior to registration.

3310. PSY **Physiological Psychology. (3-0-3) F.** A survey of the physiological correlates of the behavior in humans and lower organisms. Prerequisite: Psychology 1879C or 2000.

3400. PSY **Methods of Teaching Psychology. (3-0-3) F, S.** Training and practice in how to teach high school psychology. Thirty hours of pre-student teaching clinical experience and learning modules from several simulated teaching experiences prepare each student to teach an entire psychology course. Prerequisites: Educational Psychology 3325, and Secondary Education 3330; for ASEP students, SED 3000 and 3100; Psychology 1879C or 2000 plus 12 semester hours in psychology.

3515. PSY **Child Psychology. (3-0-3)** A survey of the progression of human development up to adolescence and the processes involved in the development of the physical, cognitive, and affective domains. Prerequisite: Psychology 1879C or 2000.

3521. PSY **Psychology of Adolescence and Young Adulthood. (3-0-3) F, S.** A survey of psychological development during adolescence and young adulthood; the influences of biological, cognitive and social factors affecting identity, roles, and occupational selection. Prerequisite: Psychology 1879C or 2000. (Psychology 3515 is strongly recommended, but not required.)

3525. PSY **Psychology of Maturity and Old Age. (3-0-3)** A study of human developmental age-related changes from post-adolescence to death in such psychological process areas as intelligence, learning and memory, personality, sensation and perception, motivation and emotion. Emphasis will be given to developmental changes following adolescence to death. Prerequisite: Psychology 1879C or 2000.

3530. PSY **Industrial Psychology. (3-0-3) F, S.** Applications of the methods and principles of psychology to organizational and work-related settings. Personnel, organizational, environmental, and technological issues are considered. Prerequisite: Psychology 1879C or 2000 or permission of the instructor.

3590. PSY **Theories of Personality. (3-0-3) F, S.** A comparison of the four major perspectives in personality theory: psychoanalytic, trait and type, social-behavioristic and cognitive-humanistic. Special emphasis is placed on basic concepts and principles, assessment, research and techniques used in the treatment process. Prerequisite: Psychology 1879C or 2000.

3601. PSY **Psychological Measurements: Fundamental Principles. (3-0-3)** Statistical background, administration, interpretation and evaluation of interest, aptitude, intelligence and personality tests. Prerequisites: Psychology 1879C or 2000, 2610.

3620. PSY **Psychology of Learning. (3-0-3) S.** Introduction to basic principles and concepts of learning with particular emphasis on the application to problems of human learning. Prerequisite: Psychology 1879C or 2000.

3680. PSY **Sensation and Perception. (3-0-3) S.** Survey and study of the basic principles of sensation and perception relative to person's interaction with the environment. Applied significant and life span trends are considered. Prerequisite: Psychology 1879C or 2000.

3690. PSY **Controversial Topics in Psychology. (3-0-3) F.** Exploration of special interest or controversial topics in psychology as: hypnosis, drugs, behavior, transcendental meditation, gay liberation, biofeedback, ESP, and IQ controversy. Prerequisite: Psychology 1879C or 2000.

3720. PSY **Psychology of Gender Differences. (3-0-3) S, Su.** Examines the biological, psychological, and social origins of gender differences, as well as the probable future course of these differences. Emphasis on personal experiences in gender identity. Prerequisite: Psychology 1879C or 2000.

3765. PSY **Methods in Behavioral Management. (3-0-3)** The basic concepts of human operant conditioning. Emphasizes applied research and techniques of behavior management applicable to a wide variety of settings and problems. Prerequisite: Psychology 1879C or 2000.

3780. PSY **Abnormal Behavior. (3-0-3)** A study of the etiology, diagnosis, and treatment of neuroses, psychoses and various emotional and behavioral disorders. Prerequisite: Psychology 1879C or 2000.

3805. PSY **Research Methods and Experimental Design. (2-4-4)** Examination of research methodology in psychology, including observational, experimental, and survey techniques. Provides opportunity to design research, analyze data, and write scientific reports. Prerequisites: Psychology 1879C or 2000 and 2610. Credit not given for both Psychology 3805 and 3810.

3810. PSY **Experimental Psychology: Learning. (2-4-4)** Research projects in human and animal learning with in-depth coverage of operant conditioning. Provides opportunity to design experiments, analyze data, and write scientific reports. Prerequisites: Psychology 1879C or 2000 and 2610.

3830. PSY **Cognitive Processes. (3-0-3) F.** A survey of research and theory in the "core topics" of cognitive psychology, i.e., perception, memory, language, and problem solving. Prerequisite: Psychology 1879C or 2000.

3870. PSY **Social Psychology. (3-0-3) F, S.** Comprehensive survey of research on social behavior. Topics to be studied include subcultural influences, group dynamics, inter-group relations, interpersonal interaction, and attitude change. Prerequisite: Psychology 1879C or 2000.

3900. PSY **Independent Study in Psychology. (Arr.-Arr.-1-6)** The study of topics in psychology which may include laboratory research, readings, and field research. Approval of the instructor is required prior to registration. Limited to six hours.

3930. PSY **Psycholinguistics. (3-0-3)** Psycholinguistics is the study of the mental processes and knowledge used by individuals in comprehending, producing, and acquiring language. Prerequisite: Psychology 3830.

3970. PSY **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4250. PSY **History and Systems. (3-0-3) F.** Equal time will be devoted to contemporary systems and the history of psychology as an experimental science. Prerequisite: 15 semester hours in psychology.

4260. PSY **Crisis Intervention. (3-0-3) F, S.** A comprehensive survey of psychological intervention theories along with practical and realistic guidelines for psychological interventions in personal, family, legal, and organizational crises. Prerequisite: 20 semester hours in psychological or related areas.

4270. PSY **Theories of Psychotherapy. (3-0-3) F, S.** A detailed survey of theories, techniques and research involved in contemporary systems of psychotherapy, including issues relating to the nature of the therapeutic process, assessment and diagnostic practices, and ethical, legal and medical perspectives. Prerequisites: Psychology 3590 and 3780.

4274. PSY **Orientation to Field Placement. (1-0-1) (Credit/No Credit)** An introduction to field placement experience, professional behavior and ethics, and delivery of psychological services in applied settings. Prerequisites: Psychology major, 20 hours of psychology coursework or permission of instructor.

4275. PSY **Field Placement in Psychology. (Arr.-Arr.-3-6) (Credit/No Credit)** Supervised field experience that familiarizes students with the delivery of psychological services in applied settings. Prerequisites: Psychology major, Psychology 4274, 20 hours of psychology coursework and permission of the instructor. Six hours is the maximum number of hours permitted in Field Placement.

4444. PSY **Honors Independent Study. (3-0-3)** Consideration of special topics in Psychology. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated for up to six hours.

4515. PSY **Psychology of Exceptional Children. (3-0-3)** A survey of educational, medical and psychological characteristics of exceptional children below the age of 21. Methods used to identify and assess the special problems of these children and the various programs of intervention. Prerequisites: Psychology 1879C or 2000 and 3515.

4590. PSY **Psychology Seminar. (Arr.-Arr.-1 to 3) F, S.** Specific areas within the discipline will be given intensive study through lectures, readings, reports, and discussion. The topic for each semester will be announced in advance by the department chairperson. Prerequisite: Major or minor in psychology. May be repeated with permission of the instructor.

4610 (4880). PSY **Advanced Statistics in Psychology. (3-0-3) S.** Analysis of variance techniques in experimental design. Prerequisite: Psychology 2610 or equivalent.

4644. PSY **Honors Thesis. (Arr.-Arr.-3)** Intensive research in preparation of a thesis on a topic in psychology approved by faculty supervisor and the Department Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated for up to six hours.

4666. PSY **Honors Seminar. (3-0-3)** Areas of investigation which require integration of psychological concepts and research will be treated, e.g., effectiveness of psychotherapy; psychology of the extraordinary, etc. May be taken twice. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4700. PSY **Prejudice and Discrimination. (3-0-3) F.** Study of the development, maintenance and prospects for reduction of prejudice and discrimination against minority groups. Minority is broadly defined to include groups based on race, ethnicity, gender, sexual orientation, age, etc. Prerequisite: Psychology 1879C or 2000 or Sociology 2710.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

RECREATION ADMINISTRATION

(Program offered in the Department of Leisure Studies)

SECONDARY EDUCATION

Undergraduate Courses

1099. SED **Minimum BASIC Programming. (1-2-2) F, S.** A minimum programming level course in the BASIC language for use on microcomputers. Credit not granted to students who have credit in another college-level computing course.

2000. SED **Inquiry Into Teaching. (1-2-1)** An introduction to the expectations of the modern-day secondary education teacher, including the role of the teacher, moral, ethical, and legal expectations of teaching, and the social and political context of schools and communities. Ethnographic research methods will also be introduced. Thirty clock hours of participation/observation are required.

3000. SED **Level I: Alternate Secondary Education Program. (2-3-3) (Credit/No Credit)** Competency-based program integrating Educational Psychology, Instructional Methods, Special Education, and Educational Foundations; leading to secondary certification. Attaining skills from learning packages, public school contacts and experiences. Some classes will be held in the public schools; car pooling can be arranged.

3100. SED **Level II: Alternate Secondary Education Program. (2-3-3) (Credit/No Credit)** Continuation of program leading to secondary certification. Integrating educational psychology, instructional methods, special education and educational foundations. Attaining skills from learning packages, public school contacts and classroom experiences. Prerequisite: Secondary Education 2000; Secondary Education 3000 or ASEP Director's permission. "University Admission to Teacher Education" requirements apply. Some classes will be held in the public schools; car pooling can be arranged.

3330. SED **Instructional Task in the Secondary School. (3-0-3)** Present state of the secondary school, planning for teaching, instructional patterns, classroom climate, evaluation techniques, clinical activities, and other pre-student-teaching foundations. Fifteen clock hours of participation are required. "University Admission to Teacher Education" requirements apply. Prerequisite: Secondary Education 2000.

4000. SED **Level III: Alternate Secondary Education Program. (Arr.-Arr.-14) (Credit/No Credit)** Final course leading to secondary certification. Integrating student teaching (8-12 weeks), educational psychology, instructional methods, special education, and educational foundations into a final semester of professional experience. Prerequisites: Secondary Education 3100, Departmental Methods, and admission to Teacher Education.

4741. SED **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit. Prerequisite: Permission of the Department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4751. SED **Strategies of Adult Instruction. (3-0-3)** Methods, techniques, and devices in adult education, developing action-oriented learning situations, programmed instruction, developing appropriate materials and evaluating the outcome of courses.

4780. SED **Studies in Education. (3-0-3) On demand.** Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4790. SED **Studies in Education. (2-0-2) On demand.** Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4800. SED **Studies in Education. (1-0-1) On demand.** Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4850. SED **Seminar and Field Experiences in Adult Education. (2-6-4)** A supervised experience in an adult educational operation which will allow the student to apply his/her skills and training to teaching adults. A follow-up of these experiences and other specific areas and topics will be given further study through readings, reports, and group discussions. Prerequisites: Secondary Education 4751, approval by the department chairperson and acceptance by a cooperating adult education organization.

SENIOR SEMINAR

(To be taken after the student has completed 75 semester hours.)

Senior seminars are offered in a number of subjects and disciplines each semester, each one organized around a particular subject/issue important to contemporary society. Each seminar is listed by title and instructor in the schedule of courses during registration each semester. The student must successfully complete a seminar outside of his or her major. Majors excluded from each seminar are given in each course description.

The Senior Seminar is designed to be a cross-disciplinary capstone experience and an integral part of the core curriculum. Since these courses are conducted as "seminars," students are required to further develop their analytical and critical skills through a very intensive reading and writing component and through extensive and concentrated class discussions and debate, in a specialty beyond their particular discipline. These seminars promote an open approach to the ideas presented and their role in society, with particular emphasis on their relationship to other disciplines. An enrollment cap allows this particular approach and provides an unusual, if not unique, experience for most undergraduate students.

4000C. EIU **Controversial Issues in Education. (2-0-2)** Education has historically been controversial. Questions regarding educational purposes, method and governance have been hotly debated for centuries. This seminar will examine some of the current controversies in education. Majors in Education are excluded.

4001C. EIU **Technology and Society. (2-0-2)** A dialogue on contemporary problems influenced by technological advance. Emphasis will be placed on analysis of key issues facing the world during the next 25 years. Majors in Technology are excluded.

4002C. EIU **Controversial Issues in the Health Care Industries. (2-0-2)** Discussion of controversial issues centered in the health care industries which affect many aspects of life in American society. Professionals from various segments of the health care industry will participate. Majors in Health Studies, Physical Education and Recreation Administration are excluded.

4003C. EIU **Spaceship Earth: The Present State. (2-0-2)** A discussion of the six major trends of global concern: rapid population growth, industrialization, depletion of non-renewable resources, use of arable land, deterioration of environment, and accelerating development of nuclear arsenals and nuclear waste storage. Causes, interrelationships, short and long range implications will be studied. Majors in Geology are excluded.

4005C. EIU **The Politics of Human Rights. (2-0-2)** Selected problems in human rights, with emphasis on and analysis of the ways in which governmental action at different levels affects the protection and promotion of these rights. Majors in Political Science are excluded.

4006C. EIU **The Romantic Vision. (2-0-2)** A study of the Romantic vision of human nature, and a critique of that vision in light of modern experience. A combination of literary and non-literary readings from the past two centuries illustrates how Romantic humanism has shaped modern thought. Authors surveyed include Marx, Twain, Camus, and Erik Erikson. Majors in English are excluded.

4007C. EIU **Contemporary Issues in American Education. (2-0-2)** A study of the relationships among education, schooling, and problems of society. Specific attention will be given to adult learning, and adult social roles after college. Majors in Education are excluded.

4008C. EIU **The Changing World of Women. (2-0-2)** The roles assigned to women by society often cause great dissonance to the educated woman who seeks to combine a profession with the role of a wife or mother. Anxiety for the male may also be a problem. No students are excluded.

4009C. EIU **Search for the American Dream. (2-0-2)** A study of the various definitions of the long-sought "American Dream" and the religious, social, monetary, political and educational means by which the "dream" is both defined and sought. Majors in English are excluded.

4010C. EIU **Frontiers of Communication. (2-0-2)** A study of several controversial forms of communication. Topics will include communication in non-human forms, paranormal communication in humans, and the nature and manipulation of human gossip, rumor, and "grapevine" systems. Majors in Speech Communication are excluded.

4011C. EIU **Plants and Civilization. (2-0-2)** A study of the interdependent relationships that have occurred between human populations and groups of plants during the evolution of our society. Particular attention will be given to contemporary problems dealing with agriculture. Majors in Botany, Environmental Biology and Zoology are excluded.

4012C. EIU **Women and Technology. (2-0-2)** A dialogue on the relationships between women and technology during the past, currently, and into the future. Key issues which have affected the mobility of women into technical occupational fields will be studied. Projection will be made into the twenty-first century. No students are excluded.

4013C. EIU **Perspectives in Women's Issues. (2-0-2)** This multi-disciplinary seminar will investigate a number of issues in the development of today's woman. Major topics will include the historical images of women, sexist issues in children's and adolescent literature, gender differences in childhood socialization, modern families in transition, and role models of women as managers. No students are excluded.

4014C. EIU **High Technology: Implications for Families and Individuals. (2-0-2)** An explanation of the impact of technology on emerging lifestyles of individuals and families. Emphasis will be placed on developing general decision-making skills for adapting to consequences of technology within society. Majors in Family and Consumer Sciences are excluded.

4015C. EIU **War in the Modern World. (2-0-2)** A study of the nature of warfare in the modern world as demonstrated by the Falklands War. Special emphasis will be placed on diplomacy, politics, technology, weapons and the implications for the future. Majors in History are excluded.

4016C. EIU **Labor and Management in American Education. (2-0-2)** A study of the historical development of labor-management relations in the public sector. Special attention will be given to the recently-enacted Illinois Public Sector Bargaining Statutes and the impact of bargaining upon the public schools. Majors in Education are excluded.

4017C. EIU **The Black Woman: Myth and Reality. (2-0-2)** A study of the social and personal images of black women. The historical origins and the modern versions of these images, the factors upon which they are based, and the differences between the myths and reality will be discussed. Majors in Sociology are excluded.

4018C. EIU **Sociobiology: The Biological Origins of Social Practices. (2-0-2)** An investigation of the systematic biological origins of certain forms of behavior common to animals including humans. Reproductive behavior will be used as the model for the study of how natural selection may determine behavioral patterns. Majors in Botany, Environmental Biology and Zoology are excluded.

4019C. EIU **Origin and Extinction: The Universe and Man. (2-0-2)** A discussion of the current scientific thoughts on the origins of the earth, life and humankind with scenarios for their ultimate extinction. Controversial topics in the field of evolution, ecology, and environmental issues will be included. Majors in Botany, Environmental Biology, and Zoology are excluded.

4021C. EIU **Leisure Time: The American Perspective. (2-0-2)** Leisure has become recognized as a basic component of the American lifestyle. It is studied by psychologists, sociologists, economists, physicians, professional educators, and the business community. This course explores the nature of leisure time from these aspects. Majors in Health Studies, Physical Education and Recreation Administration are excluded.

4023C. EIU **Social Movements, Crowds, and Violence. (2-0-2)** A theoretical and empirical assessment of the origins, participation, development, tactics, and consequences of recent social movements in the United States. Crowd behavior and violence will be specifically included as they relate to social movements. Majors in Sociology are excluded.

4024C. EIU **Computers and Society. (2-0-2)** A study of the many ways in which computers and computer technology have permeated our society, and a discussion of some of the issues that have arisen because of the various applications of the technology. Majors in degree programs in the Lumpkin College of Business and Applied Sciences are excluded.

4025C. EIU **Multi-Cultural Elements in American Society. (2-0-2)** A study of the development of the multi-cultural nature of American society. A principal theme is the simultaneous wish to achieve equality among ethnic groups and the desire to maintain cultural traditions and identities. Majors in Foreign Languages are excluded.

4027C. EIU **Preventing Future Wars: The Politics of Security. (2-0-2)** Selected approaches to the prevention of different types of wars, with an analysis of political steps to achieve this objective. Majors in Political Science are excluded.

4030C. EIU **Communication Strategies for a Changing World. (2-0-2)** An examination of the role that interpersonal communication plays in a complex world of continuous change, how it is shaped by elements of environment, opinions, and relationships. Majors in Speech Communication are excluded.

4031C. EIU **Science vs. Humanity. (2-0-2)** A discussion of several recent developments in biology in which research has presented society with life creating/saving/altering abilities and the inseparable questions that accompany them. Majors in Botany, Environmental Biology and Zoology are excluded.

4033C. EIU **A Literary Tour of England, Honors. (4-0-4)** A unique experience in which students have the opportunity to understand literature as both an imaginative product, and as a creative process by visiting the locations and studying the environment of its creation. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs.

4034C. EIU **Political Revolutions. (2-0-2)** An examination of the phenomenon of political revolution. Special emphasis will be placed on ideology, causes and methods, stages, leadership, and the study of selected 20th century revolutions. Majors in Political Science are excluded.

4036C. EIU **Conflict Management Through Non-Violence. (2-0-2)** An examination of non-violent alternatives to conflict management through the case studies of conflicts in Europe, Africa, and the United States. Emphasis will be placed upon the communication strategies employed and the conflict placed upon the communication strategies employed and the conflict outcomes achieved. Majors in Speech Communication are excluded.

4037C. EIU **A Lincolnian View of American Democracy. (2-0-2)** A reading and discussion of Abraham Lincoln's speeches that reveal dominant philosophies of a social, economic, political, moral, scientific, aesthetic, and theological nature, and their application to issues of our contemporary American democratic society. No students are excluded.

4039C. EIU **The Holocaust, Honors. (4-0-4)** An examination of the Holocaust between 1933-1945. Effects on individuals, peoples, and nations will be documented. Comparisons will be made with the Cambodian Horror, and a prognosis for the future will be discussed. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs.

4042C. EIU **Telecommunication Issues Toward the Third Millennium. (2-0-2)** A panoramic view of the mass media in the Twentieth century as culture and political-economy, and its effects on our hi-tech society. Discussion will also center on the possible effects of mass media on the super-high-tech society of the future. Majors in Speech Communication are excluded.

4043C. EIU **Leadership: Theory and Practice, Honors. (4-0-4) S.** Multidisciplinary course to examine definitions, theories, and styles of leadership in government, business, military, education, and social reform. An "acquaintanceship" in the offices of contemporary leaders during spring break. Prerequisites: Admission to the University Honors Program and permission of the Director of Honors Programs.

4047C. EIU **Health Communication Issues. (2-0-2)** Students will explore certain health issues which have prominent social implications by applying communication concepts. The primary focus will be on problems affecting interpersonal relationships including drugs, drinking, smoking, sexuality, AIDS, nutrition and fitness. Majors in Health Studies, Physical Education, Recreation Administration and Speech Communication are excluded.

4048C. EIU **Film and Contemporary Society, Honors. (4-0-4) S.** Selected films from various genres, countries, and historical periods will be examined as vehicles for philosophical ideas, as aesthetic objects, and as artifacts of society. Prerequisites: Admission to the University Honors Program and permission of the Director of Honors Programs. Majors in Art, Music, and Theatre Arts are excluded.

4049C. EIU **The Future of Humanity. (2-0-2) F, S.** Examination of certain global issues facing humanity. Topics include issues such as ecological deterioration, poverty, hunger, denial of human rights, terrorism, war and peace. Majors in Philosophy are excluded.

4051C. EIU **Nutrition Dilemmas and Decisions. (2-0-2) F, S.** Examination of selected food, nutrition and health issues. Topics include the role of government, individuals, business and others in food and nutrition policy and hunger issues; choice and responsibility related to food/nutrition products and information in the media and in the marketplace; nutrition support in terminal situations. Majors in Family and Consumer Sciences are excluded.

4052C. EIU **New Horizons in Communication, Honors. (4-0-4)** A study of several controversial forms of communication. Topics will include the communication of animals; paranormal communication in humans; the relationships among the media, sports, and society; and the nature of human gossip, rumor, and "grapevine" systems. Majors in Speech Communication are excluded. Prerequisites: Admission to the University Honors Program and the permission of the Director of Honors Programs.

4053C. EIU **Political Revolutions, Honors. (4-0-4)** An in-depth examination of the phenomenon of modern political revolution. Emphasis will be placed on the theory, causes and methods, stages, leadership, and the historical study of major modern revolution. Prerequisites: Admission to the University Honors Program and permission of the Director of Honors Program.

4054C. EIU **Classicism, Romanticism, and Realism: Styles of the Arts, Honors. (4-0-4) On demand.** This course will explore the primary styles of the fine arts and uncover how they reflect basic attitudes in society today. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs.

4055C. EIU **The European Witchhunts. (2-0-2)** Through a study of the events and circumstances surrounding the European witchhunts, we will explore aspects of early modern European society, politics, religion, and intellectual life. Majors in History are excluded.

4056C. EIU **Nazi Germany. (2-0-2) On demand.** The emergence of Hitler and the Nazi party, Nazi ideology and antisemitism, the creation of the Nazi dictatorship, World War II, the Holocaust and the collapse of Nazi Germany. Majors in History are excluded.

4057C. EIU **Impact of Communication Deficits: Adjusting to Cultural Demands. (2-0-2) On demand.** The verbal demands of the modern media-based society impact an individual's social, emotional, educational and vocational prospects. Students explore and experience the limitations imposed by the various deficits in communication. Majors in Communication Disorders and Sciences are excluded.

4058C. EIU **Freedom of Expression: Dissent, Hate and Heresy. (2-0-2) On demand.** An examination of the history, philosophy, theory, legal rights and ethical responsibilities regarding freedom of expression in the United States. The focus will be on the controversies surrounding the freedom of speech in the areas of political dissent, moral heresy, and institutional constraints. This course is not open to students majoring in Speech Communication, Journalism or Political Science.

4059C. EIU **Orientalism. (2-0-2) On demand.** An examination of European and American perceptions and inventions of the East from ancient times to the present as they are depicted in historical, literary, and travel writings and film. Special attention will be paid to the psychological and aesthetic causes and political consequences of Orientalism.

4060C. EIU **Personal Financial Investments. (2-0-2) On demand.** This course will provide an examination of investment techniques, procedures, and opportunities available for individual investors. Topics will include stocks, bonds, mutual funds, insurance, real assets, savings, taxes, and estate planning. Majors in finance are excluded.

4061C. EIU **Theatre as a Soapbox. (2-0-2) On demand.** Discussion-centered examination of ways playwrights have used theatre as a vehicle for expression to enact change. Issues presented will vary. Attention will be given to theatre as a forum to vent controversial social issues. Viewing assignments/field trips may be required. Theatre Arts and English majors are excluded.

4062C. EIU **Women's Voices: Women in the Theatre. (2-0-2) On demand.** A discussion course that examines the contributions of women to the theatre, and the effect those contributions have had on society in general. Attention will be given to the political/social concerns expressed in the dramatic literature of female playwrights, as well as examining the role of the artist as spokesperson and the controversy that role often entails. Viewing assignments/field trips may be required. Theatre majors and English majors are excluded.

4063C. EIU **The Genius of Dante, Honors. (4-0-4) On demand.** An examination of Dante's *The Divine Comedy* and other writings in their cultural context, paying special attention to the significance of Dante's work in the development of a western cultural tradition.

4064C. EIU **Autobiography. (2-0-2) On demand.** A study of self-representation in writing. In addition to workshop discussion of personal narratives by class members, topics will include formal and cultural analysis of selected autobiographies from a variety of fields and exploration of their purposes. Majors in English are excluded.

4065C. EIU **Journalistic Media in Society. (2-0-2) On demand.** Identification and assessment of effects of interrelationship between journalistic media and social, cultural, political, economic and technological systems and processes in the context of the media's major societal roles, including agenda-setter, sentinel, gatekeeper, watchdog, and cultural transmitter.

4066C. EIU **Issues in Literacy. (2-0-2)** A review of contemporary literature on the U.S. literacy crisis will serve as the foundation for this course. Key issues in early language acquisition, cultural diversity, and economic disparity as contributing factors will be included.

SOCIAL SCIENCE

Undergraduate Course

3400. SOS **Methods and Materials in the Social Studies in the Secondary School. (3-0-3) F, S.** Aims and objectives of social studies teaching; nature and scope of social studies materials; methods employed in teaching the social studies. Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100, for Middle Level Education majors, MLE 3110.

SOCIOLOGY

Undergraduate Courses

2710. SOC **Principles of Sociology (3-0-3)** Study of basic sociological concepts; social processes; structural and functional analysis of social groups.

2721. SOC **Social Stratification. (3-0-3) F, S.** A descriptive and theoretical analysis of the issues of social inequities and social justice; a study of the problems created by differential status, power, and social mobility. Prerequisite: Sociology 2710.

2750C. SOC HB **Social Problems in Contemporary Society. (3-0-3)** Sociological analysis of the historical development, definitions and nature of social problems, grounded within theoretical frameworks.

2761. SOC **Introduction to Criminology. (3-0-3)** A historical and sociological survey of criminal justice in the United States, a review of etiological factors of crime, delinquency and prevention. Prerequisite: Sociology 2710.

2780. SOC **The Sociology of Deviant Behavior. (3-0-3) F, S.** Historical and structural analysis of changing notions of definition, etiology and treatment of deviant behavior. Contemporary theory and research will be employed to illustrate recent trends and political consequences of such trends.

2830. SOC **Family and Society. (3-0-3) F, S.** Background of the modern family; the impact of culture and social change; personality factors involved in marriage; family disorganization.

2840. SOC **Racial and Cultural Minorities. (3-0-3) S.** The causes and consequences of prejudice and discrimination; the effects of majority and minority status for intergroup relations. Prerequisite: Sociology 2710.

2890C. SOC HB **Social Problems in Contemporary Society, Honors. (3-0-3) On demand.** Sociological analysis of the historical development, definitions, and nature of social problems, grounded within theoretical frameworks. Prerequisite: Admission to the University Honors Program.

3000. SOC **Sociology of Sport. (3-0-3) F.** Application of sociological theories and empirical research findings to sport, and its socio-cultural context. Focus on the functions of various forms of these activities for society, and controversies regarding their legitimacy. Cross-cultural, comparative examples are used.

3520. SOC **The Development of Sociological Thought. (3-0-3) F, S.** This course treats the growth of social thought from the pre-scientific to the modern empirical approach based on current modes of sociological inquiry. Restricted to majors and minors in sociology and social science. Prerequisite: Sociology 2710.

3600. SOC **Introduction to Social Work. (3-0-3) F, S.** A survey of principles, techniques, and fields of social work. Prerequisite: Sociology 2710.

3610. SOC **Statistical Analysis of Social Data. (3-0-3) F, S.** Survey of statistical techniques used to summarize and describe the quantitative characteristics of social research data. Also surveys statistical techniques necessary to generalize observations from samples to parent populations.

3620. SOC **Research Methods for Collecting Social Data. (3-0-3) F, S.** Surveys social scientific methods developed to collect data in human populations. Stresses importance of problem formulation, research design, and interpretation. Prerequisite: Sociology 2710.

3622. SOC **Population. (3-0-3) S.** A descriptive and theoretical analysis of the dynamics of population with emphasis on population trends. Prerequisite: Sociology 2710.

3650. SOC **Social Systems and Social Roles. (3-0-3) F, S.** Social psychological theories; social status and social roles; application of role theories in study of socialization and personal adjustment. Prerequisite: Sociology 2710.

3660. SOC **Social Organization. (3-0-3) F.** Analysis of the elements of social organization with an emphasis on complex organizations associated with urbanization and the development of large scale systems. Prerequisite: Sociology 2710.

3662. SOC **The Sociology of Religion. (3-0-3) F-odd-numbered years.** Study of the development of religious and functional significance of beliefs and rituals. Prerequisite: Sociology 2710.

3681. SOC **Public Opinion and Propaganda. (3-0-3) F.** Analysis of the fundamentals of communication, the opinion-making process, and methods of opinion and attitude manipulation and measurement. Prerequisite: Sociology 2710.

3750. SOC **Social Change. (3-0-3) F-even-numbered years.** Consideration of both historical and contemporary theoretical and applied means by which social structure is modified. Cross-cultural examples will be used extensively. Prerequisite: Sociology 2710.

3770. SOC **Sociological Analysis of Crime and Criminal Justice System. (3-0-3) S.** An advanced study of social-psychological factors of crime and the adult offender, vis-a-vis the Criminal Justice system; i.e., apprehension, adjudication, treatment and prevention practices. Prerequisites: Sociology 2710, 2761 or permission of the instructor.

3780. SOC **Policing Society: A Sociological Analysis. (3-0-3) F.** A critical sociological analysis of the role of being a police officer and an analysis of the social and organizational structure of police organizations in a democratic society. Prerequisites: Sociology 2710 and 2761.

3801. SOC **Rural Sociology. (3-0-3) F-odd-numbered years.** Study of patterns of land settlement, social interaction, social structure and function, and social problems unique to the rural way of life. Prerequisite: Sociology 2710.

3810. SOC **Urban Sociology. (3-0-3) F.** Analysis of the social structure and function, social processes, and planning and development of the city. Prerequisite: Sociology 2710.

3900. SOC **Political Sociology. (3-0-3) S.** Sociological analysis of the political systems of contemporary nation-states utilizing the concepts and theories relevant to this sub-field of sociology, with special emphasis on the distribution of power in contemporary societies. Prerequisite: Sociology 2710 or permission of the instructor.

3903. SOC **Gender Roles and Social Change. (3-0-3) S.** A sociological and anthropological study of women's roles, the evolutionary development of female and male roles, the roles of women and men in non-literate societies, and problems of women in the changing socio-cultural environment of the modern world.

3970. SOC **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. SOC **Sociology of Work and Occupations. (3-0-3) S.** Sociological analyses of social and technical relationships in the production system. Work and new technology. Work and gender. Bureaucracy and professionalism. Conflicts in the workplace and efforts to cope with them. Prerequisite: Sociology 2710.

4010. SOC **Sociology of Science and Knowledge. (3-0-3) On demand.** Analysis of the social foundations of science and knowledge and the impact of science on other social institutions. Prerequisites: Junior-senior standing; minimum of 12 hours of sociology coursework, including Sociology 2710 (or permission of the instructor).

4250. SOC **Contemporary Sociological Theory. (3-0-3) F, S.** Focus will be on the major theoretical perspectives currently in use in sociology. Subdivisions of these main perspectives will also be presented. Applications, particularly in areas of public policy, will be emphasized. Prerequisite: Sociology 2710 or permission of instructor.

4251. SOC **The Sociology of Education. (3-0-3) S.** Sociological analysis of the structure and function of educational institutions. Emphasis on social processes, patterns, and trends. Prerequisite: Sociology 2710 or permission of instructor.

4275. SOC **Internship in Sociology. (Arr.-Arr.-1 to 12) (Credit/No Credit)** Experience in an agency or organization. The course will be offered on a credit/no credit basis; however, the total hours must not exceed 12 hours including courses taken in any other internship offered by the University. Prerequisites: Permission of the Internship Coordinator, acceptance of the student by the agency or organization involved, a cumulative grade point average of 2.50, a minimum of 75 hours of coursework completed, and a minimum grade of C in either Sociology 3660 or 4000.

4400. SOC **Independent Study. (Arr.-Arr.-1 to 3)** Individual study of a topic of the student's choice under the direction of a faculty member. The student must submit and receive approval of a detailed study plan prior to central registration. This course may be repeated for a total of not more than six semester hours of credit. Prerequisites: Fifteen semester hours of sociology and a cumulative grade point average of 3.0 or better.

4700. SOC **Dynamics of Collective Behavior. (3-0-3) S.** Analysis of transitory phenomena, including publics, audiences, crowds, mobs, riots, and social movements. Prerequisite: Sociology 2710.

Courses Open to Juniors, Seniors, and Graduate Students

4750. SOC **Sociological Analysis of Juvenile Delinquency. (3-0-3) S.** Advanced study of theories of etiology, treatment and prevention. Prerequisites: Sociology 2710, 2761 or permission of the instructor.

4790. SOC **The Correctional Process: A Sociological Analysis. (3-0-3) F, S.** Provides an understanding of the entire field of correctional systems in terms of its official objectives, its actual effects and effectiveness, including special focus on experimental programs. Prerequisites: Sociology 2710 and 2761.

4800. SOC **Sociological Aspects of Gerontology. (3-0-3) F.** Review of current gerontological theories and research; consideration of structural and functional aspects of the social order as related to the aging process. Prerequisite: Sociology 2710 or permission of instructor.

4900. SOC **Current Issues in Sociology. (3-0-3) F, S.** Analysis of selected current social problems. Restricted to majors in Sociology and Social Science. May be taken twice for credit. Prerequisites: Sociology 3520 and 4250; senior standing or permission of the instructor.

SPECIAL EDUCATION

Undergraduate Courses

3000. SPE **Education of Individuals Labelled Exceptional. (3-0-3)** A study of the special educational needs of students with exceptional characteristics; the methods; and the educational programs designed to meet their needs in the public schools.

3200. SPE **Characteristics of Individuals Labelled Mildly/Moderately Exceptional. (4-0-4) F, S.** Course includes characteristics of individuals with learning disabilities, behavior disorders, and/or mental retardation; to include historical perspectives, terminology, and etiology of each condition. Special Education 3000 must be taken concurrently or as a prerequisite. Special Education 3200 must be taken concurrently or as a prerequisite to 3201. Department requirements for enrollment must be met.

3201. SPE **Observation of Individuals Labelled Mildly/Moderately Exceptional. (0-6-3) F, S.** This course includes preclinical clock hours of observation of individuals labelled mildly/moderately exceptional (LD., MR., BD.). Training is provided in basic observational methodology and in the completion of various checklists designed for use with individuals labelled as exceptional. On-site observations are rotated, and additional field trips and experiences are required. Prerequisite: Special Education 3200 or concurrent enrollment. Department requirements for enrollment must be met.

3220. SPE **Characteristics of Children (Birth to 5) Labelled Exceptional or At-Risk. (3-0-3)** This course provides an overview of early childhood special education. Content areas covered include: rationale and historical perspectives of early childhood Special Education, typical/atypical child development, and intervention issues/practices. Prerequisite: Special Education 3000. Corequisite: Special Education 3225. Limited to Special Education majors. Department requirements for enrollment must be met.

3225. SPE **Observation of Children (Birth to 5) Labelled Exceptional. (0-4-2)** Sixty clock hours of observation of behaviors of children (birth to five) labelled exceptional or at-risk for handicaps are required. Prerequisite: Special Education 3000. Corequisite: Special Education 3220. Limited to Special Education majors. Department requirements for enrollment must be met.

3250. SPE **Observation of Individuals Labelled Mildly/Moderately Exceptional: Learning Disabilities. (0-2-1) F, S.** Sixty clock hours of observation or simulation of individuals' behaviors that cause them to be labelled learning disabled. Must be taken concurrently with or subsequent to Special Education 3200 by Special Education majors seeking certification in learning disabilities. Limited to Special Education majors.

3260. SPE **Observation of Individuals Labelled Mildly/Moderately Exceptional: Educable Mentally Retarded. (0-2-1) F, S.** Sixty clock hours of observation and/or simulation of behaviors of children labelled mildly or moderately retarded are required. Must be taken concurrently with or subsequent to Special Education 3200 by Special Education majors seeking certification in educable mentally retarded. Limited to Special Education majors.

3270. SPE **Observation of Individuals Labelled Mildly/Moderately Exceptional: Behavior Disorders. (0-2-1) F, S.** Sixty clock hours of observation of behaviors of children labelled exceptional are required. Must be taken concurrently with or subsequent to Special Education 3200 by Special Education majors in the behavior disorders approved program. Limited to Special Education majors.

3500. SPE **The Education of Individuals with Exceptionalities. (3-0-3)** Identification of individuals with exceptionalities and a study of the educational needs of individuals with exceptional characteristics including, but not limited to, children labelled learning disabled. Appropriate methods of instruction employable by classroom teachers, and educational programs designed to meet individual needs in the public school will be examined. Not open to students whose major is Special Education. Prerequisite: Junior standing. "University Admission to Teacher Education" requirements apply.

3600. SPE **Learning Theory Models in Special Education. (2-2-3)** Course will examine theories of learning as they apply in Special Education and will provide practicum experience in applying theories with children. Prerequisite: Special Education 3000 or concurrent enrollment.

3700. SPE **Vocational Development for Individuals Labelled Exceptional. (3-0-3) F.** A study of vocational orientation, work orientation, vocational programming and job placement for the handicapped student. Prerequisite: Junior standing; enrolled in or employed in special education and/or vocational education programs.

3970. SPE **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4444. SPE **Honors Independent Studies. (3)** Consideration of special topics in special education. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4530. SPE **Facilitating Language of School Age Individuals Labelled Exceptional. (3-0-3) S.** Development of assessment and

intervention strategies for teachers in Special Education to facilitate spoken and written language development of school age students. This course is designed for Special Education personnel, but not designed to prepare speech/language pathologists. Prerequisites: Special Education 3000 and Communication Disorders and Sciences 2210. Permission of the department required for non-majors.

4600. SPE **Communication Skills and Community Services. (3-1-3) F, S.** Consideration of the problems of communication in Special Education and the community services available for individuals labelled exceptional and their parents. Particular emphasis will be on the role of the Special Education teacher as facilitator in the communication process between school and home. Departmental permission required for non-majors.

4644. SPE **Honors Thesis. (3)** Intensive research in preparation of a thesis on a topic in special education approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666. SPE **Honors Seminar. (Arr.-Arr.-3)** Areas of investigation which require integration of special education and research will be treated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4700. SPE **Curriculum and Materials in Special Education. (3-0-3) F, S.** Curriculum issues and the decision-making process to educate individuals labelled mildly/moderately exceptional will be studied. Individualized education plan writing skills will be related to curriculum development and material selection. Prerequisites: Special Education 3000, 3200, 3201 and concurrent enrollment in 4800 or permission of the department chairperson.

4720. SPE **Curriculum and Materials in Early Childhood Special Education. (3-0-3)** Service delivery models, teaming issues, and the selection and development of curricula and materials for children with handicapping conditions or at-risk for developing handicaps are the focus of this course. Prerequisites: Special Education 3220 and 3225 or permission of the department chairperson. Corequisite: Special Education 4820 or permission of the department chairperson.

4730. SPE **Curriculum Adaptation and Consultation for Individuals With Special Needs. (3-2-3) F, S.** Development of competencies to adapt classroom curricula for learners with special needs and of the consultation skills needed to facilitate implementation of the modified curricula. Prerequisites: Special Education 3200 and 3201; Special Education 4700 must be taken prior to or concurrently with this course.

4741. SPE **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4765. SPE **Gifted and Creative Students. (3-1-3) S-even-numbered years.** A course in identifying gifted and creative children, studying their characteristics, their diversity of talents, and curriculum provisions.

4800. SPE **Diagnosis of Children with Exceptionalities. (3-2-4)** Course deals with means and methods of diagnosing individuals identified as educable mentally handicapped, learning disabled, and severely emotionally disturbed. Includes essentials of psychoeducational testing, formal and informal instruments of assessment, cultural considerations and interpretation of results. Prerequisites: Special Education 3000, 3200, 3201, 4700 and/or concurrent enrollment in 4700. University Teacher Education requirements apply and department requirements for enrollment must be met.

4820. SPE **Assessment in Early Childhood Special Education. (3-1-3)** The nature and characteristics of young children with handicaps and those who are at-risk for handicapping conditions and the study of identification and assessment techniques for early interventionists will be examined. Prerequisites: Special Education 3220 and 3225 or permission of the department chairperson. Corequisite: Special Education 4720 or permission of the department chairperson. University Teacher Education requirements apply and department requirements for enrollment must be met.

4900. SPE **Instructional Strategies for Individuals Labelled Mildly Exceptional. (5-0-5) F, S.** Introduction to methods and techniques of teaching students with mild handicapping conditions (L.D., E.M.H., B.D.). Curriculum implementation, behavioral strategies, and classroom organization and procedures will be discussed. Concurrent enrollment in Special Education 4901 (practicum component) required. Prerequisites: Special Education 3201 and 4800. University Teacher Education requirements apply and department requirements for enrollment must be met.

4901. SPE **Practicum with Individuals Labelled Mildly Exceptional. (0-6-3) F, S.** Implementation of strategies learned in Special Education 4900 (L.D., E.M.H., B.D.). Prerequisite: Concurrent enrollment in Special Education 4900. University Teacher Education requirements apply and department requirements for enrollment must be met.

4920. SPE **Educating the Young Child with Handicaps. (3-4-3)** This course introduces and provides practice in methods and techniques for planning, implementing, and evaluating effective intervention with young children with handicapping conditions or who are at-risk for handicaps, and their families. Prerequisites: Special Education 4720 and 4820. University Teacher Education requirements apply and department requirements for enrollment must be met.

4925. SPE **The Role of the Educator as a Facilitator of Language in Children (Birth to Five) Identified as Exceptional. (3-0-3)** Development of assessment and of intervention strategies to facilitate communication skills of children identified as exceptional or at-risk for handicaps. This course is designed for special education personnel, but not designed to prepare speech-language pathologists. Undergraduate prerequisites: Special Education 3220, Special Education 3225, and/or permission of the department chairperson.

4950. SPE **Methods of Teaching Children with Learning Disabilities. (3-1-3)** This course deals with the various methods and techniques of remediation of children with learning disabilities. Prescription writing, procedures of teaching, curriculum needs, and classroom management of such children will be studied. Students must have completed 26 semester hours in Special Education (including Special Education 3000, 3200, 3250, and 4800) and must have permission of the department Chairperson to enroll.

4960. SPE **Methods of Teaching Children with Mental Handicaps. (3-1-3)** Class and curriculum organization and introduction to methods and techniques of teaching educable mentally handicapped children. Students must have completed 26 semester hours in Special Education (including Special Education 3000, 3200, 3260 and 4800) and must have permission of department Chairperson to enroll.

4961. SPE **Methods for Teaching and Evaluating Individuals Labelled Trainable Mentally Handicapped. (2-1-2) Su.** This course is designed to acquaint teachers and prospective teachers with methods and materials appropriate for use with individuals labelled TMH. The course includes topical discussions and practicum assignments. Prerequisites: Special Education 3260 or 3201, 4800, or permission of the department chairperson.

4970. SPE **Methods of Teaching Children with Behavior Disorders. (3-1-3)** Remedial methods of teaching the socially and emotionally maladjusted. Students must have completed 26 semester hours in Special Education (including Special Education 3000, 3200, 3270 and 4800) and must have permission of department Chairperson to enroll.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

SPEECH COMMUNICATION

Undergraduate Courses

1000. SPC **Orientation to the Discipline of Speech Communication. (1-0-1) F, S.** An orientation to the discipline of speech communication. Designed to acquaint the student with the history and current practices of the various areas of speech communication. This course is required of all Speech Communication majors.

1020. SPC **Applied Forensics. (Arr.-Arr.-1 to 4)** Individual study and work in the various intercollegiate activities of the forensics program. Prerequisite: Permission of the department chairperson. A maximum of four semester hours may be earned; however, a total of four semester hours credit may be counted towards a bachelor's degree for a combination of 1020 and 3020.

1310C. SPC LG **Introduction to Speech Communication. (3-0-3) (Graded A, B, C, N/A)** Fundamental principles of selecting, analyzing, evaluating, organizing, developing, and communicating information, evidence, and points of view orally. The course includes instruction in techniques of listening and informative, persuasive, and reactive speaking.

1390C. SPC LG **Introduction to Speech Communication, Honors. (3-0-3) (Graded A, B, C, N/A)** Fundamental principles of selecting, analyzing, evaluating, organizing, developing and communicating information, evidence, and points of view. Prerequisite: Admission to the University Honors Program.

1400. SPC **Parliamentary Law. (0-2-1) F, S.** The theory and practice of democratic, orderly conduct of business through application of accepted rules of procedure.

2001C. SPC HB **Media, Society and the Individual. (3-0-3) F, S.** The historical development and current status of electronic mass communication are explored from the media consumer's point of view. Students develop a global perspective by encountering issues dealing with the relationship of the electronic mass media to society, politics, and economics. This course does not count toward the Speech Communication major or minor. General education credit not given for both Speech Communication and Journalism 2001C.

2091C. SPC HB **Media, Society and the Individual, Honors. (3-0-3) F, S.** The historical development and current status of electronic mass communication are explored from the media consumer's point of view. Students develop a global perspective by encountering issues dealing with the relationship of the electronic mass media to society, politics, and economics. Prerequisite: Admission to the University Honors Program. This course does not count toward the Speech Communication major or minor. General education credit not given for both Speech Communication 2091 and Journalism 2001C or 2091C.

2100. SPC **Listening. (3-0-3) F, S.** Development of listening ability in the five basic types of listening through theoretical studies and developmental activities.

2300. SPC **Persuasion. (3-0-3)** Study of attention, credibility, emotion, identification, motivation, rationalization, and suggestion in communication. Practice in these materials is achieved through speech performance.

2320. SPC **Discussion. (3-0-3)** Study of the nature of discussion of bases of belief; subject-problems, preparation, process, leadership, participation, types and forms, and evaluation. Practice in techniques of effective group discussion.

2340. SPC **Reasoning in Controversy. (3-0-3)** Study of the responsibility of the advocate in investigation and analysis of evidence; structure of argument; reasoning and refutation.

2520. SPC **Introduction to Mass Communication. (3-0-3)** Survey of the origin and growth of the media, the social basis of radio, TV, and motion pictures and the physical nature of mass communications systems.

2550. SPC **Basic Broadcast Speech. (2-2-3)** A competency-based introduction to the process and problems of working with microphones in any "broadcasting" situation. Work will include diction and delivery techniques for broadcasting in addition to a study of microphone types, characteristics, and usages.

2630. SPC **Introduction to Interpersonal Communication. (3-0-3)** Language and behavior analysis serve as a vehicle for exploring interpersonal communication through lecture and discussion. Students are exposed to principles of human communication with special emphasis placed on critical thinking as a tool for improving everyday communication skills and avoiding misunderstandings.

2650. SPC **Introduction to Organizational Communication. (3-0-3) F, S.** Introduction to communication in organizations. Includes basic theories, structures and functions of communication in business and professional settings. Effective leadership, decision making, and management of communication techniques. Prerequisite: Speech Communication 1310C.

3020. SPC **Advanced Applied Forensics. (Arr.-Arr.-1 to 4)** Individual study and work in the various intercollegiate activities of the forensics program. Prerequisite: Permission of the department chairperson. A maximum of four semester hours may be earned; however, a total of four semester hours credit may be counted towards a bachelor's degree for a combination of Speech Communication 1020 and 3020.

3200. SPC **Speech Criticism. (3-0-3) S.** Comparative study in which standards of judgment deriving from the social interaction of a speech situation are applied to public addresses to determine their immediate or delayed effect upon audiences and society.

3230. SPC **Advanced Public Speaking. (3-0-3)** Principles and techniques of audience analysis, topic analysis and preparation, communication theories, and performance and evaluation. Prerequisites: Speech Communication 1310C and 2300.

3300. SPC **Interview and Conference. (3-0-3)** Keynotes for this course are practicality and usability. It includes the selection, organization and oral presentation of ideas and supporting materials in interview, conference, and interpersonal situations. Prerequisite: Speech Communication 1310C.

3400. SPC **Teaching Speech. (3-0-3) F.** Study of problems, methods, and materials, in teaching oral communication; teaching and directing co-curricular activities. Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; for ASEP students, SED 3000 and 3100; fourteen semester hours in speech communication.

3500. SPC **Introduction to Electronic Mass Media Production in Public Relations. (2-2-3) F.** A study of the theory and practice of electronic mass media production for origination and dissemination for public relations. Does not count toward speech communication major or minor. No credit if Speech Communication 3520 or 3540 is taken.

3520. SPC **Radio Production. (1-4-3)** Study of equipment and techniques involved in producing radio programs; announcing, scripting, writing and producing. Practical experience in a variety of production experiences. Prerequisite: Speech Communication 2520.

3530. SPC **Film Communication. (3-0-3)** Film as the expression of the performers and technicians. Critical discussion of the film form and content.

3540. SPC **Television Production. (1-4-3)** Study and practice of adapting demonstrative documentary and dramatic communications to the television medium. Exercises using studio TV equipment. Prerequisite: Speech Communication 2520.

3550. SPC **Advanced Broadcast Announcing. (1-4-3)** A specialized course in handling all phases of commercial radio announcing. Copy preparation, re-writing, "fact-sheet" commercials, music introductions, narration, "voice-over," and editorial copy will be considered. Laboratory work will stress "on the air" experience with the campus radio station. Prerequisite: Speech Communication 2550 or permission of the instructor.

3610. SPC **Broadcast News Writing. (2-2-3)** Emphasis will be placed upon fitting news copy and coverage to station requirements and audience needs in varying market situations. This course will include news gathering, analysis, editing, and rewriting of wire service copy for broadcasting. Prerequisite: Journalism 3000 or Speech Communication 2520.

3620. SPC **Broadcast News and Special Events. (2-2-3)** A study of the electronic news gathering process, editing, presentation and evaluation for radio and television. Creation of special programs for WEIU. Prerequisites: Speech Communication 2520 or Journalism 2102; two of Speech Communication 3520, 3540, 3610.

3630. SPC **Communication in Organizations. (3-0-3) S.** A study of the impact of organizational structure on communication practices and processes. Examines issues relevant to the effective management of communication in organizations. Prerequisites: Speech Communication 1310C, 2300, 2320, 2630, and 2650.

3660. SPC **Communication and Conflict Management. (3-0-3) F.** The study of conflict from a communication perspective. Examines forces that generate conflict and the techniques that can be used to manage those forces. Prerequisite: Speech Communication 2630 or permission of the instructor.

3700. SPC **Speech Communication Research. (3-0-3) F.** Introduction to the use and application of quantitative and qualitative research methods in speech communication. Prerequisite: Junior standing required.

3710. SPC **Intercultural Communication. (3-0-3)** Study of intercultural communication on regional, national and international levels. Focus on handling intercultural verbal and non-verbal communication barriers. Aspects stressed include cultural parameters, value orientations in conflict, culture shock, methods of acculturation and re-entry techniques. Prerequisite: Speech Communication 2630 or permission of the instructor.

3750. SPC **High Technology Communication. (3-0-3) S.** The study of regulation, use and communication impact of new and advanced media technologies, such as cable TV, direct broadcast satellites, digital transmissions, and holographics. Prerequisite: Speech Communication 2520.

3896. SPC **Problems in Teaching Speech. (3-0-3)** The analysis of specific problems peculiar to speech education and problems in general education applicable to the speech classroom.

3900. SPC **Directing Forensic Activities. (3-0-3) F.** Designed to prepare those entering the field of speech education on the secondary and college levels to direct an extracurricular forensics program. Prerequisites: Speech Communication 2320 and 2340.

3903. SPC **The Rhetoric of Women. (3-0-3) F.** Study of the issues relevant to the Women's Movement and the answers given by women through public communication. May be taken three times for credit.

3920. SPC/ JOU **Public Relations in Society. (3-0-3) F.** A study of the impact public relations has in society with major emphasis on providing information to the media (publicity); establishing mutually beneficial relations (employee, consumer and community relations); and serving as the organization's conscience (counseling).

3970. SPC **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. SPC **Independent Study. (Arr.-Arr.-3)** Consideration of special problems in speech and speech education. Student presents individual study plan for researching history, theory, and/or practice of oral communication. Prerequisites: Permission of the department chairperson and 2.75 grade-point average required. May be repeated for a maximum of six hours.

4030. SPC **Seminar. (3-0-3)** Seminar in topics which are not covered in the course offerings of the Department of Speech Communication. More than one section in more than one topic possible each semester. May be repeated, but only three semester hours may be counted toward a major. Prerequisite: Permission of the instructor or the department chairperson.

4170. SPC **Oral Communication Theories. (3-0-3) F.** Historical survey of major theorists and theories.

4275. SPC **Internship. (Arr.-Arr.-1 to 12) (Credit/No Credit)** On-the-job experience in a firm or organization approved by the department. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. Prerequisites: Permission of the department internship director, acceptance of student by firm or organization, and satisfactory completion of 12 or more semester hours credit in Speech Communication courses directly related to the internship program. Only six semester hours may be counted toward the Speech Communication major. A grade point average of at least 2.75 overall, or 3.0 in the major, is required. A maximum of six semester hours of internship and practicum credit may be counted toward the speech communication major.

4375. SPC **Practicum (Arr.-Arr.-1 to 3) (Credit/No Credit)** Students apply communication skills in a leadership and supervisory role. May be repeated for a total of up to 3 semester hours credit with a minimum of 40 contact hours for each semester hour of credit. Prerequisites: permission of Department Coordinator, securing a speech communication directing professor, a 2.75 cumulative GPA or a 3.0 GPA in speech communication major, and completion of at least 12 semester hours of speech communication coursework directly related to the practicum. A maximum of six semester hours of internship and practicum credit may be counted toward the speech communication major.

4420. SPC **Mass Media Advertising-Sales. (3-0-3) S.** A study of theory, ethics, and legal implications of mass media advertising to include analysis of marketing problems and the role of advertising in their solution. Prerequisites: Speech Communication 2520, 3250 or 3540; and Journalism 3501.

4444. SPC **Honors Independent Study. (3-6)** Consideration of special topics in speech communication. Student presents a prospectus for researching history, theory, and/or practice of oral communications. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4470. SPC **Small Group Communication. (3-0-3) S.** An analysis of theoretical constructs in group dynamics, leadership, participation, and evaluation of group performance.

4500. SPC **Corporate and Non-broadcast Video. (2-2-3) S.** Study and practice in the uses of video technology in a non-broadcast environment. Prerequisites: Speech Communication 2650 and 3540 or permission of instructor.

4540. SPC **Television Directing. (1-4-3) S.** This course deals with the principles of preproduction planning, scripting, lighting, and audio and video mixing for studio and remote television productions as unified by the television director. Prerequisite: Speech Communication 3540.

4555. SPC **Honors Research. (3-6)** In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prere-quisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644. SPC **Honors Thesis. (3)** Intensive research in preparation of a thesis on a topic in speech communication approved by a faculty supervisor and the Department Honors Coordinator. May not be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4650. SPC **Simulation in Organizational Communication. (3-0-3) F, S.** Simulation in Organizational Communication offers students the unique opportunity to participate actively in their learning with a corporate simulation designed especially for communication students. Prerequisites: Speech Communication 1310C, 2300, 2320, 2630, 2650, and 3630.

4666. SPC **Honors Seminar. (3-6)** Areas of investigation which require integration of speech communication concepts and research will be treated, e.g., effects of mass communication, criticism of speakers or media, evaluation of communication techniques. Prerequisites: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

These courses may not be applied toward a master's degree in Speech Communication.

4750. SPC **Advanced Theory of Mass Communication. (3-0-3) F.** Survey of legal procedures of broadcast law, a survey of audience analysis, the structure of mass communications audiences, propaganda, communication networks, social and self-regulation of the media, and current research. Prerequisite: Speech Communication 2520 or graduate standing.

4760. SPC **Theories of Human Communication. (3-0-3) F.** An examination of contemporary theories and models.

4770. SPC **Television Criticism. (3-0-3) F.** Students use a rhetorical base to analyze and evaluate television's critics and programs. Lectures, discussions, selected viewings, papers and examinations. Prerequisite: Senior Standing.

4800. SPC **Contemporary American Public Address. (3-0-3) F.** Study of competing points of view on a series of critical issues of the Twentieth Century.

4830. SPC **Language Habits in Human Affairs. (3-0-3) S.** Language and meaning are explored through a theoretical investigation. The consequences of spoken work habits for human affairs are specified through a review of speech communication research. Prerequisite: Speech Communication 2630.

4860. SPC **Psychology of Speech. (3-0-3) S.** Study of the nature, origin, and purposes of speech; basic psychological principles; the communicative process; group communication; personality and speech.

4910. SPC/ HST **Communication in Health Professions. (3-0-3) S.** A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers. Prerequisites: Health Studies 2250 and 2270, and Speech Communication 2300 and 2630, or consent of the Health Communication Minor Coordinator.

4919. SPC/ JOU **Public Relations Techniques. (3-0-3)** Effective techniques of a public relations program including basic concepts and principles of the public relations profession, the roles and functions, planning, managing, and executing campaigns. Prerequisite: Journalism 3302.

4920. SPC **Case Studies in Public Relations Problems. (3-0-3) S.** Public relations case problems in industry, business, labor, education, government, social welfare and trade associations; the application of public relations techniques. Prerequisite: Speech Communication 4820 or permission of the department chairperson. Credit not granted for both Speech Communication 4920 and Journalism 4920.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

STUDENT LEADERSHIP

3000. STL **Student Government Leadership. (2-0-2) S. (Credit/No Credit)** Restricted to sophomores and juniors. A seminar in student leadership with emphasis on the development of leadership skills, governance in higher education, the administration of Eastern Illinois University, student government, and the student's role in governance.

STUDENT TEACHING

Undergraduate Courses

The number of semester hours of student teaching required for graduation varies with the student's curriculum. All special education students are required to earn 16 semester hours of credit in student teaching with eight semester hours required in special education and eight semester hours required in the option area. A student enrolled in elementary or middle level education must enroll for a minimum of 10 semester hours and may enroll for a maximum 15 semester hours of credit in student teaching.

A student enrolled in a high school curriculum is required to earn 12 semester hours of credit in student teaching and may elect to take a total of 15 semester hours in student teaching. Questions pertaining to student teaching should be directed to the subject area coordinator or the chairperson, Department of Student Teaching.

3000. STG **Preclinical Experience with Populations that are Culturally Diverse and Individuals with Disabilities. (1-2-1) (Credit/No Credit)** This course will require students to observe in public school settings in which the populations served are culturally diverse and individuals with disabilities are served. Prerequisites: Elementary/Middle Level Education 2000, Elementary Education 2321 or Special Education 3000. This course will not count toward graduation. (Clinical fee required for this course.)

4000. STG **Multicultural/Disabilities Practicum. (Arr.-Arr.-1) (Credit/No Credit)** Twenty-five clock hours of direct participation in observation relative to populations with multicultural/disabilities. Site must be approved by Director of Clinical Experiences. Required of students pursuing a standard secondary or standard special teaching certificate, except in Special Education and Communication Disorders and Sciences. Does not count toward graduation.

4001. STG **Teaching Practicum. (Arr.-Arr.-1 to 16) (Credit/No Credit)** Secondary majors, including candidates for K-12 certification in Art, Music, and Physical Education may enroll for a maximum of 15 semester hours. Special Education majors and Middle Level Education majors with a Field II in Special Education must enroll for 16 semester hours.

STUDY ABROAD

3970. EIU **Study Abroad. (Arr.-Arr.-1-15)** This is not a course. This entry refers to study abroad courses offered by academic departments at EIU through the School of Adult and Continuing Education during either the fall or spring semester or the summer term. Credit varies, with 15 semester hours being the maximum credit that can be earned. For details and information about courses and programs currently available, consult the chairperson of the department of interest, the the School of Adult and Continuing Education, or the Office of International Programs.

THEATRE ARTS

Undergraduate Courses

1133. THA **Fundamentals of Oral Interpretation. (3-3-3)** Study of basic oral interpretation techniques which develop sensitivity and responsiveness to literature, enabling the student to communicate the re-creation of this literary experience to an audience.

1134. THA **Voice and Movement I. (2-2-2)** Intensive work in theatrical voice and movement designed for individuals enrolled in acting. Students will increase their ability to orient their body in space within structured and guided experiences that utilize the concepts of movement theorists such as Laban, Sweigard and Alexander.

1144. THA **Acting for Non-Majors. (3-3-3) F, S.** Introduction to acting for the non-major; exercises in concentration, relaxation, imagination, observation, and sensory awareness; development of theatrical creativity through objectives, obstacles, action, conflict, and moment-to-moment spontaneity; culminates in the development of a scene.

2000. THA **Rehearsal, Performance, and Crew. (Arr.-Arr.-1-3) F, S.** Activity credit for those students who actually participate in building and/or acting in theatrical productions. May be repeated a maximum of three times.

2005. THA **Principles of Stage Makeup. (2-2-2) F or S.** Fundamentals in design and use of theatrical makeup. Laboratory projects.

2010C. THA FA **Arts Omnibus. (2-2-3) F, S.** An experiential overview of the arts, their interrelatedness, their importance to an enhanced quality of life and importance as an index of cultural diversity. The course will include lectures, using a variety of media, discussion, and required attendance at all classes and up to nine specific arts events, including a minimum of two each, art, music, and theatre. Credit will not be awarded for Art 2010C or Music 2010C in addition to Theatre 2010C.

2012C. THA FA **Nonwestern Fine Arts. (3-0-3) F, S.** Fine Arts from outside the European and North American traditions will be examined. Credit will not be awarded for Art 2012C or Music 2012C in addition to Theatre 2012C.

2091. THA **Principles of the Fine Arts, Honors. (3-0-3) S.** The interrelationships between the arts, their structures and techniques, and why they are put together the way they are. Credit will not be awarded for Art 2091 and Music 2091 in addition to Theatre 2091. Prerequisite: Admission to the University Honors Program.

2092. THA **A History of the Arts in Culture, Honors. (3-0-3)** Analysis of works of art in the Western world from the Greeks through the present. Credit will not be awarded for Art 2092 or Music 2092 in addition to Theatre 2092. Prerequisite: Admission to the University Honors Program.

2140C. THA FA **World Theatre and Society. (3-0-3)** Introduction to types and themes of theatre produced throughout the world and how the societies in which they developed influenced them. Focus is on reading playscripts and relating them to the societies of their origin.

2190C. THA FA **World Theatre And Society, Honors. (3-0-3) On demand.** Introduction to the types of theatre produced throughout the world and how the societies in which they developed influenced them. Focus is on reading playscripts and relating them to the societies of their origin. Prerequisite: Admission to the University Honors Program.

2210. THA **Introduction to Costuming. (3-2-2) F or S.** A general introduction to costuming for the theatre, both theory and practice. Instruction and practical experience in costume construction techniques will be included.

2211. THA **Stagecraft. (3-3-3) F or S.** The basic techniques required for the construction, painting, rigging, and shifting of scenery with

emphasis on safety and on standard backstage and scene shop organization and procedures.

2220. THA **Theatre Seminar I. (1-1-1). F, as needed.** An introductory seminar that focuses on the training and evaluation of the Theatre Arts major. This seminar is required of all new theatre majors, transfers, or current students changing their major to Theatre Arts.

2244. THA **Basic Acting. (3-3-3) F or S.** Beginning acting; basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, theatre games, discussions, and performance projects. Open only to theatre majors and minors.

2245. THA **Acting for Television and Film. (3-3-3) On demand.** This is a course designed to prepare students for the demands of acting in front of a camera. Students will prepare and work from scenarios adapted for film and/or television. Open to majors as a performance elective.

2257. THA **Graphics for the Performing Arts. (3-3-3) F or S.** Concerned with the processes of drafting, perspective drawing and figure drawing as applicable to the areas of scenic design, lighting design and costume design for the theatre. Prerequisite: Theatre Arts 2110, Theatre Arts 2211, or permission of the instructor.

2258. THA **Script Analysis. (3-0-3) F or S.** Lecture and discussion course to acquaint students with several methods of approaching selected playscripts from different areas: Costuming, acting, design, and directing. Students will analyze scripts, and then envision possible productions. Written and oral analyses required.

2281. THA **Summer Theatre. (Arr.-Arr.-3-6)** Practical, comprehensive experiences in performance in theatre arts. May substitute for Theatre Arts 1144 or 2244 with permission of the instructor and department chair. A maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward graduation. Contact Theatre Arts Department for details concerning auditions and interviews.

2282. THA **Summer Theatre. (Arr.-Arr.-3-6)** Practical, comprehensive experiences in technical theatre. May substitute for Theatre Arts 2210 and/or 2211 with permission of the instructor and department chair. A maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward graduation. Contact Theatre Arts Department for details concerning auditions and interviews.

3000. THA **Rehearsal, Performance, and Crew. (Arr.-Arr.-1-3) F, S.** Activity credit for those students who actually participate in building and/or acting in theatrical productions. May be repeated a maximum of three times. Open to sophomores and juniors. Prerequisite: Theatre Arts 2000.

3220. THA **Theatre Seminar II. (1-1-1). S, as needed.** An advanced seminar that focuses on final evaluation of the Theatre Arts majors in their third or fourth year. Prerequisites: Theatre Arts 1133, 1134, 2210, 2211, 2220, 2244, 2257 and 2258 or with departmental permission.

3333. THA **Advanced Interpretation. (3-3-3) F or S, as needed.** Interpretation, adaptation, compilation and the directing of literature in traditional and experimental styles. Introduction to the aesthetics of interpreters theatre. It is suggested that Teacher Certification majors and minors choose this as an alternative to Theatre Arts 3445. However, if the course is chosen to satisfy the directing emphasis, it will not count as an advanced performance course. Prerequisite: Theatre Arts 1133, 2258 or permission of the instructor.

3334. THA **Voice and Movement II. (2-2-2) F, S.** A continuation of the work begun in Voice and Movement I with a focus on vocal production. Emphasis on developing an audible, resonant voice; clear diction; and a relaxed and properly aligned body, all in the context of acting/performance. Prerequisites: Theatre Arts 1134 and junior standing or permission of instructor.

3344. THA **Advanced Acting Studies I: Scene & Character Study. (3-3-3) On demand.** A course in contemporary realistic scene and character study for the actor, based on terminology and concepts developed by C. Stanislavski. Students will prepare written character biographies and scene analyses, then perform scenes or monologues focusing on the character's inner belief, motivation, and goals. Prerequisites: Theatre Arts 1134; 1133, 2244, 2258, or permission of the instructor.

3345. THA **Advanced Acting Studies II: Styles. (3-3-3) On demand.** This course is designed to prepare students for the demands of acting in film and television, non-realistic, period, or stylized productions. Styles may include auditioning, non-western forms, the Greeks, Shakespeare, Comedy of Manners, Brecht, and/or the Absurdists. Prerequisites: Theatre Arts 1133; 1134, 2244, 2258, or permission of the instructor.

3346. THA **Advanced Acting Studies III: Dialects. (3-3-3) On demand.** This is a course that teaches students how to acquire an authentic-sounding dialect and how to utilize it convincingly in acting. Dialects may include British, Cockney, Irish, American regional, or a selection of these. Prerequisites: Theatre Arts 1131 or 1134; 1133, 2244, 2258, or permission of instructor.

3356. THA **Theatre Design Studies. (3-3-3) F or S.** This course will study the designer's procedure from script analysis and concept to completed production drawings. It will explore design in terms of aesthetics, genre, production modes, and historical periods and styles in one or more of the three theatrical design areas (costumes, lighting, scenery). Prerequisites: Theatre Arts 2210, 2211, 2220, 2257, 2258 or permission of instructor.

3357. THA **Scene Design. (3-3-3) On demand.** Consideration of the design sequence from analysis of the script to the composition of production drawings; practical experience. Prerequisite: Theatre Arts 2257 or permission of the instructor.

3358. THA **Design and History of Costume. (3-3-3) On demand.** History of costume from the early Egyptians to 1900. Costume design for theatrical production. Prerequisite: Theatre Arts 2257 or permission of the instructor.

3360. THA **Stage Lighting. (3-3-3) On demand.** Explores basic skills and techniques in lighting theatrical productions. Prerequisite: Theatre Arts 2257 or permission of the instructor.

3400. THA **Methods of Teaching Theatre in High School. (3-0-3) Spring/Alternate Years.** This course will demonstrate to students seeking Teacher Certification in Theatre the means to incorporate Theatrical material into a High School Curriculum. The student will also develop and teach a unit in Theatre Arts. Prerequisites: Theatre Arts 1133, 2210, 2211, 2244 and 2258.

3431. THA **Youth Theatre. (3-3-3) F, S.** Youth Theatre is designed to introduce the student to the practical aspects of producing plays for young people. The focus of the course is on the development of a theatre piece which will then be presented to area students. Basic creative dramatics activities will be introduced.

3432. THA **Creative Dramatics for the Classroom Teacher. (3-0-3) On demand.** Creative Drama is designed for students interested in working with children either in teaching or in recreational programs and giving the student the necessary skills to become a confidant and successful drama leader. Prerequisites: English 1001C and 1002C.

3445. THA **Directing. (3-3-3) F.** The study and actual production of the play. Central emphasis is placed on directing. Prerequisite: Theatre Arts 2211, 2244, 2258 or permission of the instructor.

3500. THA **Independent Study. (3-3-3)** Problems in theatre arts in which the student works under the supervision of a staff member. Prerequisite: Permission of the instructor and the department chairperson.

3751C. THA FC **Theatre and Civilization I. (3-0-3) F or Su as needed.** Effects of social, political, religious and aesthetic forces upon the development of the theatre during pivotal moments in civilization, from the prehistoric era to the 18th Century. Attention given to the development of theatre as an art form. Prerequisite: English 1002C.

3752C. THA FC **Theatre and Civilization II. (3-0-3) S or Su as needed.** Effects of social, political, religious and aesthetic forces upon the development of the theatre during pivotal moments in civilization, from the late 17th through 20th centuries. Attention given to the development of theatre as an art form. Prerequisite: English 1002C.

3753C. THA PL **Development of American Theatre and Drama. (3-0-3)** Major themes in American civilization as seen through the 18th-20th Century American theatre. Main focus is on reading playscripts as primary documents and on analyzing them critically for cultural insights into each era.

3754C. THA FA **American Theatre on Film. (3-1-3) On demand.** Analysis of significant American plays and their film adaptations in order to appreciate the differences between theatre and film and gain insights into American society, as reflected in the works. Several outside viewing assignments required. Prerequisites: English 1001C and 1002C, and sophomore-senior standing.

3755. THA **Survey of African-American Theatre. (3-0-3) On demand.** A lecture/discussion course that surveys African-American theatre forms; performance genres, practices, and dramatic

literature. Material covered in the course will include African influences, related arts, and biographical information. Prerequisite: English 1002C.

3793C. THA **Development of American Theatre and Drama, Honors. (3-0-3) On demand.** Major themes in American civilization as seen through the 18th-20th Century American theatre. Main focus is on reading playscripts as primary documents and on analyzing them critically for cultural insights into each era. Prerequisite: Admission to the University Honors Program. PL

3970. THA **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

4000. THA **Rehearsal, Performance, and Crew. (Arr.-Arr.-1-3) F, S.** Activity credit for those students who actually participate in building and/or acting in theatrical productions. May be repeated a maximum of three times. Open to juniors and seniors. Prerequisite: Theatre Arts 3000.

4400. THA **Advanced Directing Studies. (3-3-3) As needed.** Special problems in directing. Each student will be required to direct and produce a production for public performance. Prerequisites: Theatre Arts 2211, 2244, 2257, and 3445. Repeatable once with permission for a maximum of six hours credit.

4550. THA **Advanced Design Studies. (3-3-3) As needed.** Problems in theatrical design (scenic, lighting, costume) in which a student works and studies under the supervision of a faculty member to produce a design for a particular theatrical production of the Theatre Arts Department. Prerequisites: Permission of the instructor and the Department Chairperson plus completion of one design course. Repeatable up to two times, with permission, for a maximum of nine hours credit.

Courses Open to Juniors, Seniors, and Graduate Students

4810. THA **Summer Theatre (Arr.-Arr.-3-6)** Practical, comprehensive experiences in performance in theatre arts. May substitute, with permission of the instructor(s) and the departmental chair, for 3344, 3345, 3346, 3347, and/or 3431. A maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4811. THA **Summer Theatre (Arr.-Arr.-3-6)** Practical, comprehensive experiences in technical theatre. May substitute, with permission of the instructor(s) and the departmental chair, for 4550. A maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4812. THA **Summer Theatre (Arr.-Arr.-3-6)** Practical, comprehensive experiences in theatrical directing. May substitute, with permission of the instructor(s) and the departmental chair, for 4400. A maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

5990. THA **Independent Study. (3-6)** Advanced study in a selected area of theatre arts, subject to approval of advisor. Prerequisites: Permission of the department chairperson and acceptance by instructor.

WOMEN'S STUDIES

Undergraduate Courses

2309C. WST **Women, Men, and Culture. (3-0-3)** Examines gender roles and development from a variety of theoretical and multidisciplinary perspectives within a variety of contexts: political, economic, religious and social. SI

3309. WST **Independent Study. (Arr.-Arr.-1 to 3) On demand.** Intensive examination of the roles, contributions, perspectives, and/or experiences of women as designed by the student. Prerequisites: Satisfactory completion of nine semester hours in Women's Studies courses; permission of the Women's Studies Minor Chair.

4000. WST **Special Topics. (Arr.-Arr.-1 to 3) On demand.** Special topics related to Women's Studies which are not ordinarily treated in standard courses. Topics to be announced. Prerequisites: Permission of the Women's Studies Minor Chair and the faculty member teaching the course. May be taken twice with permission.

4275. WST **Internship. (Arr.-Arr.-1 to 12) On demand. (Credit/No Credit)** On-the-job experience in a firm or organization that focuses on women's issues and/or experiences. An internship would be approved by the Women's Studies Minor Chair. A maximum of three credit hours may be counted in the Women's Studies Minor. Prerequisites: Permission of the Women's Studies Minor Chair, acceptance of student by firm or organization, and satisfactory completion of nine or more semester hours credit in Women's Studies Courses.

4309. WST **Feminist Theory. (3-0-3) S.** This course examines feminist theory and its application to cultural and academic issues. It provides an interdisciplinary approach to women's issues. Prerequisite: Nine semester hours in Women's Studies or permission of the Women's Studies Minor Chair.

(For complete descriptions of additional courses applicable to the Women's Studies Minor, see the following:)

Art 3685 – Women in Art. (3-0-3)
Educational Guidance 5200 – Counseling Girls and Women (3)
English 3903 – Women, Literature, and Language. (3-0-3)
Family and Consumer Sciences 2831 – Women in Contemporary Society. (3-0-3)
Health Studies 3560 – Women's Health. (3-0-3)
History 3900 – Women in American History. (3-0-3)
Journalism 3903 – Women and the Media. (3-0-3)
Political Science 3903 – Gender and Public Policy. (3-0-3)
Psychology 3720 – Psychology of Gender Differences (3-0-3)
Sociology 3903 – Gender Roles and Social Change. (3-0-3)
Speech Communication 3903 – Rhetoric of Women. (3-0-3)
Senior Seminars (Each 2-0-2)
EIU 4008 – The Changing World of Women
EIU 4013 – Perspectives in Women's Issues
EIU 4017 – The Black Woman: Myth and Reality

ZOOLOGY

Undergraduate Courses

1001C. ZOO **Life of Animals. (2-2-3)** An introduction to the study of animals with emphasis upon an appreciation for their behavioral, functional and structural adaptations, their diversity and relationships to their environment. Does not count toward the Zoology majors or minor. BS

1020C. ZOO **Animal Diversity. (3-2-4)** A study of the functional anatomy, systematics and natural history of the major groups of animals. Prerequisite: Biological Sciences 1010. BS

1091C. ZOO **Life of Animals, Honors. (2-2-3) On demand.** An introduction to the study of animals with an emphasis upon an appreciation for their behavioral, functional, and structural adaptations, their diversity and relationships to their environment. Prerequisite: Admission to the University Honors Program. BS

2001C. ZOO **Human Physiology. (2-2-3)** An organ systems approach to the function of the human body. Does not count toward the Zoology majors or minor. BS

2200. ZOO **Human Anatomy. (3-3-4) F, S.** Models and cadaver study of normal human structure of muscular, skeletal, respiratory, cardiovascular, lymphatic, nervous, digestive, and urogenital systems. Prerequisite: Biological Sciences 1001C or 1010.

3000. ZOO **Molecular and Cell Biology. (3-0-3) F, S.** A study of biomolecules with emphasis on structural and functional contributions to the living state. Cell organelles and selected cell types will be included. Prerequisite: Biological Sciences 1010 and Chemistry 3430.

3001C. ZOO **Heredity and Society. (2-0-2)** A course for nonscience majors that addresses the ethical, political and social implications of biological advances in the area of genetics. Basic genetic principles as well as contemporary issues in biotechnology will be studied. Does not count toward the Zoology majors or minor. Not open to those with credit or registration in Biological Sciences 3200. BS

3002C. ZOO **Origin and Extinction. (2-0-2) F, S.** Current scientific theory concerning the origins of the universe, earth, life, and human beings including possibilities for their ultimate extinction. Emphasis on principles of organic evolution and evolutionary ecology. Does not count toward the zoology major or minor. BS

3010. ZOO **Ecology. (3-3-4) F, S.** The interrelationships of plants and animals with their biotic and abiotic environments. Emphasis will be placed upon principles of population and community ecology. Prerequisites: Botany 1010C and Zoology 1020C.

3091C. ZOO BS **Heredity and Society, Honors. (3-0-3) On demand.** A course that addresses basic biological and genetic principles and the ethical, political and social implications of advances in the area of genetics and biotechnology. Prerequisite: Admission to the University Honors Program. Not open to students with majors or minors in the biological sciences.

3100. ZOO **Animal Physiology. (3-3-4) F, S.** A study of basic principles of animal physiology with emphasis on mammalian organ systems. Prerequisites: Biological Sciences 1010; junior standing. Chemistry requirement should be completed.

3200. ZOO **Functional Comparative Anatomy. (2-4-4) F, S.** A study of vertebrate anatomy, emphasizing the evolution of form and function of structures. Laboratory dissection of representative vertebrates. Prerequisite: Zoology 1020C.

3300. ZOO **Vertebrate Natural History. (2-2-3)** The natural history of vertebrates including distribution, reproduction, economic importance, evolution, and classification. Prerequisite: Zoology 1020C.

3500. ZOO **Embryology. (2-4-4) F, S.** Morphological and chemical changes of animal development from germ cell formation through organogenesis. Laboratory studies primarily of the vertebrates, frog, chick and pig. Prerequisites: Zoology 1020C.

3600. ZOO **Parasitology. (2-3-3) F, S.** Means of identification, life histories, and methods of control of the more common animal parasites, including those of humans. Prerequisites: Zoology 1020C.

3700. ZOO **Entomology. (2-4-4) F.** The morphology, classification, ecology and economic importance of insects. Methods of collection and specimen preparation are included. Prerequisite: Zoology 1020C.

3800. ZOO **Immunology. (2-3-3)** S. Basic principles and laboratory procedures for the study of immune responses. Prerequisites: Zoology 3000 or Biological Sciences 3200 or current enrollment.

4400. ZOO **Independent Study. (Arr.-Arr.-1 to 3)** An outline of the proposed work must be approved by the department chairperson prior to registration. Prerequisites: Cumulative grade point average of 2.50 and permission of instructor and the department chairperson. A maximum of four semester hours credit may be applied to the major or minor in Zoology.

4480 (4490). ZOO **Seminar in Zoology. (0-2-1) F, S.** A seminar in current zoological literature. Prerequisites: Zoology 1020C; junior standing. May be taken twice for credit.

4540. ZOO **Histology. (1-4-3) S.** The structure, functions, and development of tissues, primarily human. Laboratory study is combined with discussion of the cytological basis for understanding normal and abnormal structure in all vertebrates. Prerequisite: Zoology 3200 and 3500 recommended.

Courses Open to Juniors, Seniors, and Graduate Students

4750. ZOO **Cytology. (1-4-3) F.** A study of the structure and function of cells and their component organelles, cytochemical theory and techniques. Prerequisites: Zoology 1020C and 3000.

4755. ZOO **Organic Evolution. (3-0-3) S.** Fundamental principles of organic evolution stressing historical fact, evidences for and processes common to all biota. Prerequisites: Zoology 1020C, Biological Sciences 3200.

4760. ZOO **Conservation Biology. (3-0-3) F.** Study of the application of ecological and genetic principles to the preservation and conservation of biological diversity. Topics will include the demography and genetics of small populations, population viability, island biogeography, and the design of nature reserves. Prerequisites: Zoology 3010 and Biological Sciences 3200.

4769. ZOO **Fisheries Ecology and Management. (2-3-3) S-even-numbered years.** Relationships of fish with biotic and abiotic components of their environment. Role of fishes in aquatic ecosystems and current management strategies. Prerequisite: Zoology 3010. Zoology 4810 and Biological Sciences 4750 recommended.

4770. ZOO **Ichthyology. (2-3-3) F-odd-numbered years.** Study of the anatomy, physiology, systematics and zoogeography of fishes. Prerequisite: Zoology 3300 or permission of the instructor.

4772. ZOO **Herpetology. (2-2-3) S.** Phylogeny, adaptations, ecology, distribution and identification of amphibians and reptiles. Prerequisite: Zoology 3300.

4774. ZOO **Ornithology. (2-3-3) S.** The identification, classification, distribution, and natural history of midwestern birds. Prerequisite: Zoology 3300.

4777. ZOO **Mammalogy. (2-2-3) F.** A study of mammals with emphasis on classification, distribution, natural history and ecology. Prerequisite: Zoology 3200 or 3300 or 3500.

4810. ZOO **Freshwater Ecology. (1-4-3) F, S.** The physical environment and biological communities involved in fresh water ecosystems. Prerequisites: Zoology 1020C, Botany 1010C, Chemistry 1300 or 1310, 1315.

4830. ZOO **Human Genetics. (3-0-3) S.** Study of expression, transmission, and molecular manipulation of the human genome, with an emphasis on medical genetics. Prerequisites: Biological Sciences 3200 and Chemistry 3430.

4840. ZOO **Advanced Genetics. (3-0-3) F.** Study of genetics on the molecular and biochemical levels, including structure, function, transmission, and regulation of the genetic material, in prokaryotes and eukaryotes. Prerequisites: Biological Sciences 3200 and organic chemistry; biochemistry recommended.

4850. ZOO **Comparative Vertebrate Physiology. (3-0-3) S.** A comparison of physiological activities in fish, amphibians, reptiles, birds and mammals exhibited in their natural environment. Prerequisites: Zoology 3100; organic chemistry and biochemistry recommended.

4888. (5380). ZOO **Animal Behavior. (3-3-4) F.** Theoretical and experimental studies of the principles of animal behavior. Prerequisite: Sixteen semester hours of biological sciences or permission of the instructor.

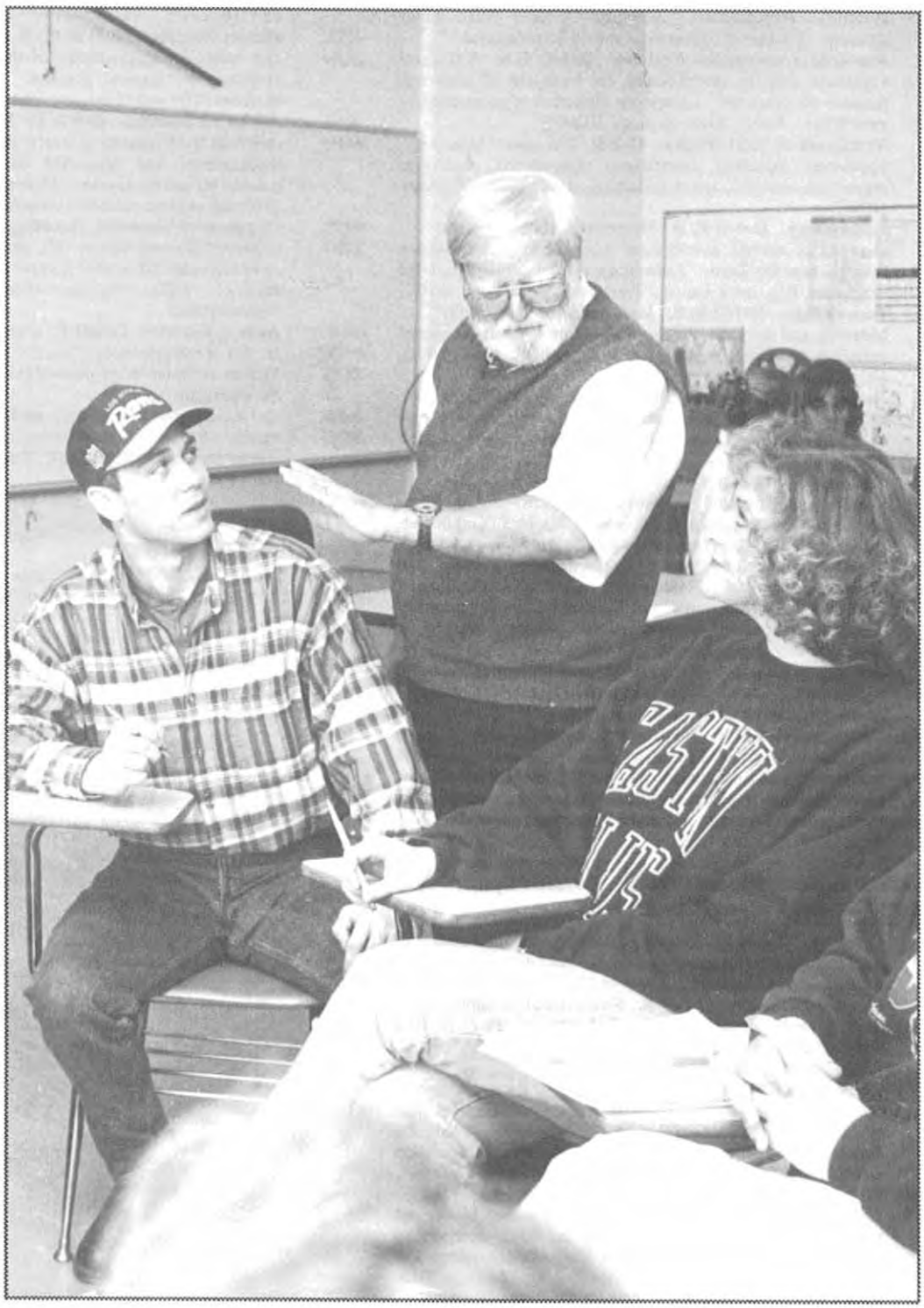
4900. ZOO **Cardiovascular Physiology. (3-3-4) F, S-even-numbered years.** A detailed study of heart and circulatory function in normal and pathologic settings. Prerequisite: Zoology 3100 or equivalent.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. **For graduate courses, see the *Graduate Catalog*.**

XII

Faculty



Administrative Staff

(Date of joining staff in parentheses)

OFFICE OF THE PRESIDENT

PRESIDENT

David L. Jorns, Ph.D., University of California - Los Angeles (1992)

OFFICE OF CIVIL RIGHTS, AFFIRMATIVE ACTION & DIVERSITY

Cynthia D. Nichols, M.A., Eastern Illinois University, Director (1986)

DEVELOPMENT

James E. Hanna, M.Div., Emory University, Chief Advancement Officer (1996)
Barbara E. Hilke, M.S., University of Oregon, Assistant to Vice President for Capital Campaign (1979)
Steven W. Rich, B.S., Southern Illinois University, Director, Alumni Services (1994)

INTERNAL AUDITING

Jeffrey L. Cooley, CPA, B.S. in Business, Eastern Illinois University, Director (1983)

SPECIAL ASSISTANT TO THE PRESIDENT

Jill F. Nilsen, Ph.D., University of Illinois (1976)
Mark L. Haines, B.A., Eastern Illinois University, Director, Special Events (1983)
Chris Merrifield, B.S., Sangamon State in Springfield, Director of Information (1995)

UNIVERSITY COUNSEL

Lisa M. Huson, J.D., Washburn University, School of Law, University Counsel (1996)

ACADEMIC AFFAIRS

PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

Terry M. Weidner, Ph.D., The Ohio State University, Interim Provost and Vice President for Academic Affairs (1964)
Charles M. Evans, Ph.D., University of Oklahoma, Assistant Vice President for Academic Affairs (1994)
Jeanne H. Simpson, D.A., Illinois State University, Assistant Vice President for Academic Affairs (1981)
Mary C. Herrington-Perry, M.A., Eastern Illinois University, Coordinator, Curriculum Development and Publications (1982)
Herbert Lasky, Ph.D., New York University, Director, Honors Program (1966)
Johnetta Jones, M.A., Southern Illinois University, Director, Minority Affairs (1977)
Mona Y. Davenport, M.S.Ed., Eastern Illinois University, Academic Advisor, Minority Student Affairs (1991)
Glenn Robinson, M.A., Ball State University, Business Advisor, Student Publications (1986)
John D. Reed, Ph.D., Southern Illinois University, Coordinator, Student Publications (1972)
Luciana Gomes, M.A., Eastern Illinois University, Academic Advisor, Minority Affairs (1995)
Claudia Lane, M.S.Ed., Eastern Illinois University, Academic Advisor, Minority Affairs (1995)
Edwin L. May, M.A., Adams State College, Director, Research and Grants (1978)

COLLEGE OF ARTS AND HUMANITIES

James K. Johnson, M.F.A., University of Kansas, Dean (1978)
Jeffrey Lynch, M.A., University of Dayton, Associate Dean (1976)
Adeniyi A. Coker, Jr., Ph.D., Temple University, Director, African-American Studies Program (1996)
Michael Watts, M.F.A., University of Texas at Austin, Director, Tarble Arts Center (1986)
Kathryn Morice, M.A., Eastern Illinois University, Curator/Education/Exhibits, Tarble Arts Center (1993)
Charles Titus, M.A., Eastern Illinois University, Chairperson, Social Science Studies Committee (1972)

LUMPKIN COLLEGE OF BUSINESS AND APPLIED SCIENCES

Theodore W. Ivarie, Ed.D., Arizona State University, Dean (1979)
Martha S. Brown, Ph.D., Florida State University, Associate Dean (1979)
Kathleen A. Bennett, B.S. Ed., Eastern Illinois University, Assistant to Dean (1974)
Wanda L. Johnson, M.S., Arkansas State University, Academic Advisor (1979) (Part-time)
Doreen M. Nelms, M.S., Eastern Illinois University, Academic Advisor (1981)
Marilyn K. DeRuiter, M.S., Southern Illinois University, Director, Business Development Center (1994)
Betsy Miller, B.A., Eastern Illinois University, Academic Advisor, School of Technology (1995)
Toni Smith, M.B.A., Eastern Illinois University, Acting Director, Administration/Development (1987)
Michael D. Wilson, M.B.A., Eastern Illinois University, Coordinator, Graduate Studies in Business (1983)
Esther Witsman, M.S., Eastern Illinois University, Academic Advisor (1995)

MILITARY SCIENCE PROGRAM (ROTC)

David C. Sims Jr., Lieutenant Colonel (1994)

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

Elizabeth Hitch, Ph.D., University of Michigan, Dean (1995)
Larry J. Ankenbrand, Ed.D., University of Missouri, Associate Dean (1977)
Mary C. Clement, Ed.D., University of Illinois, Coordinator, Beginning Teacher Induction Program, Student Teaching (1991)
John L. Coffey, M.A., Ball State University, Advisor (1986)

COLLEGE OF SCIENCES

Lida Wall, Ph.D., The Ohio State University, Dean (1995)
David W. Ebdon, Ph.D., University of Maryland, Associate Dean (1968)
Barbara S. Kuykendall, M.A., Eastern Illinois University, Assistant to the Dean (1987)
Leonard Storm, Ph.D., University of Illinois, Chairperson, Pre-Engineering Studies Committee (1979)
Peter R. Leigh, Ph.D., University of Southern California, Chairperson, Pre-Legal Studies Committee (1969)
Judith James, Ph.D., Illinois State University, Chairperson, Pre-Medical Studies Committee (1973)
Charles Pederson, Ph.D., University of North Dakota, Chairperson, Environmental Studies Committee (1989)

SCHOOL OF ADULT AND CONTINUING EDUCATION

William C. Hine, Ed.D., Indiana University, Dean (1986)
Thomas Hawkins, Ed.D., University of Illinois, Director, Off-Campus and Contract Program (1995)
Pamela Hale, M.S., Eastern Illinois University, Director, Credit-Free Programs (1994)

BOARD OF GOVERNORS DEGREE PROGRAM

L. Kaye Woodward, Ed.D., University of Arkansas, Director (1986)
Shirley Myers, B.A., Eastern Illinois University, Academic Advisor, BOG (1982)
Terry Seldomridge, M.A., Eastern Illinois University, Academic Advisor (1992)

GRADUATE SCHOOL AND INTERNATIONAL PROGRAMS

Thomas Gladsky, Ph.D., University of North Carolina/Greensboro, Dean (1995)
Roger Beck, Ph.D., Indiana University, Acting Associate Dean (1987)
Garret W. DeRuiter, M.F.A., Southern Illinois University, Coordinator, Faculty Development (1965)

ACADEMIC ASSISTANCE CENTER

Mary Kelm, M.A., Concordia University, Director, Academic Assistance Center (1995)
Joseph Aigner, M.S. Ed., University of Wisconsin at La Crosse, Advisor (1994)
Deborah Barker, M.S.Ed., Eastern Illinois University, Advisor (1993)
Kathy Davies, M.S., Eastern Illinois University, Advisor (1982)
Lora L. Green, M.S. Ed., Eastern Illinois University, Advisor (1989)
Gregory Iaccarino, M.S., Indiana State University, Advisor (1994)
Norman R. Isacson, B.A., Eastern Illinois University, Advisor (1991)
L. Fraun Lewis, M.S.Ed., Eastern Illinois University, Advisor (1982)
Julie Sterling, M.S.Ed., Eastern Illinois University, Advisor (1981)
Julie Montgomery, M.S.Ed., Eastern Illinois University, Advisor (1995)

COUNSELING CENTER

Karola Alford, Ph.D., University of Illinois, Director, Counseling Center (1985)
Genie Lenihan, Ph.D., University of Illinois, Counselor (1981)
Alice K. Sanders, Ph.D., University of Georgia, Counselor (1988)

DISABILITY SERVICES

Martha P. Jacques, M.R.C., Bowling Green State University, Academic Advisor, Office of Disability Services (1992)

TESTING SERVICES
Douglas J. Bower, M.S.Ed., Eastern Illinois University, Director, (1988)

LIBRARY SERVICES
Allen Lanham, Ph.D., Eastman School of Music, Dean (1991)

AUDIO-VISUAL CENTER
William Gibbs, Ph.D., Pennsylvania State University, Assistant Director of Media Services (1993)

RADIO-TV CENTER
John L. Beabout, M.A., Ohio University, Director (1981)
Karl-Ludwig Konrad, M.A., University of Washington, Producer/Director (1970)

STUDENT AFFAIRS
VICE PRESIDENT FOR STUDENT AFFAIRS
Louis V. Hencken, M.S.Ed., Eastern Illinois University (1967)

ENROLLMENT MANAGEMENT
Frank Hohengarten, Ed.D., University of Tulsa, Dean (1992)

ADMISSIONS
Dale W. Wolf, M.S.E., Illinois State University, Director (1985)
Pamela Hadwiger, M.S.Ed., Eastern Illinois University, Assistant Director (1974)
Susan W. Ambrose, M.S., Eastern Illinois University, Assistant Director (1985)
Kimberly Hollingsworth, B.S., Eastern Illinois University, Admissions Counselor (1995)
Kathleen M. McSherry, B.S., Central Michigan University, Admissions Counselor (1988)
Rita I. Pearson, M.A., Eastern Illinois University, Assistant Director of Admissions (1990)
Patricia Gartley, B.S., Eastern Illinois University, Admissions Counselor (1995)
Aronda N. Spearman, B.S., Eastern Illinois University, Admissions Counselor (1996)
Daniel R. Weber, B.A., University of Wisconsin at Platteville, Admissions Counselor (1995)
DeEnna Wisdom, B.S., Southern Illinois University, Admissions Counselor (1996)

ATHLETICS
Ronald Paap, A.M., University of Northern Colorado, Associate Director (1963)
David Kidwell, B.S., Eastern Illinois University, Director, Sports Information (1972)
Jerome P. Rodgers, M.A., Tennessee Tech University, Director, Compliance and Student Services for Athletics (1994)
Deborah Polca, M.E.D., Ohio University, Associate Director (1995)
Cindy Tozer, M.S., Eastern Illinois University, Academic Advisor (1995)

FINANCIAL AID
John T. Flynn, M.S.Ed., Eastern Illinois University, Director (1976)
Jone Zieren, M.S.Ed., Eastern Illinois University, Associate Director (1984)
Elmer Pullen, M.S., Eastern Illinois University, Counselor (1970)

RECORDS AND REGISTRATION
Michael D. Taylor, B.A., Eastern Illinois University, Registrar (1974)
G. Sue Harvey, M.S.Ed., Eastern Illinois University, Director, Academic Records (1977)
Glenda K. Phipps, B.S.Ed., Eastern Illinois University, Assistant Director of Records (1992)
David Sardella, M.S., Mankato State College, Director, Registration (1972)

TEXTBOOK LIBRARY
Walter Klingenberg, B.S., Ohio University, Director (1992)

ORIENTATION
Brent Gage, M.S., Eastern Illinois University, Coordinator (1995)
Boyd A. Bradshaw, M.S., Eastern Illinois University, Assistant Coordinator (1993)

CAREER SERVICES
Shirley A. Stewart, M.S.Ed., Eastern Illinois University, Director (1988)
Rosalyn Gresens, M.S., Eastern Illinois University, Associate Director, Career Planning and Placement (1995)

HEALTH SERVICES
Lynette F. Drake, M.S., Eastern Illinois University, Director (1985)
Richard H. Larson, M.D., University of Cincinnati, Health Service Physician (1985)
Charles E. Ramsey, M.D., University of Illinois, Health Service Physician (1989)
Joseph D. Wall, M.D., University of Illinois, Medical Director (1986)

CAMPUS RECREATION
David C. Dutler, Ph.D., Southern Illinois University, Director (1976)
Scott A.G.M. Crawford, Ph.D., University of Queensland, Australia, Coordinator, Graduate Studies in Physical Education (1989)

STUDENT LEGAL SERVICES
William S. Davis, J.D., University of Illinois, Coordinator (1980)

STUDENT LIFE
David Milberg, M.S.Ed., Iowa State University, Director (1988)
Rebecca Marushak, M.A., University of Michigan, Assistant Director (1995)

STUDENT HOUSING AND DINING SERVICES
William Schnackel, M.S.Ed., Purdue University, Director (1995)
Mark I. Shaklee, M.Ed., University of Missouri, Associate Director (1978)
Martha Joan Gossett, A.A., Danville Junior College, Director, University Union (1982)
Jody R. Horn, M.S., Eastern Illinois University, Director, Residence Hall Food Service (1990)
Mary M. Smith, Ed.S., Eastern Illinois University, Assistant Director (1970)

RESIDENCE HALL COUNSELORS
Barbara A. Busch, Adv.C., University of Illinois (1964)
Graig Eichler, M.A.E., Western Kentucky University (1996)
Doris A. Hamilton, B.S.Ed., Eastern Illinois University (1990)
Kristin L. Meseth, M.S., Illinois State University (1994)
Judy Griffin, M.A., Xavier University (1995)
Kelly P. Miller, M.B.A., Eastern Illinois University (1991)
J. Scott Rollinson, M.S. Ed., Eastern Illinois University (1996)
Jody Stone, M.S., Eastern Illinois University (1995)
Robert Wilczynski, M.Ed., University of Illinois (1994)

STUDENT JUDICIAL OFFICER
Keith Kohanzo, M.S.Ed., Eastern Illinois University, Assistant and Student Judicial Hearing Officer (1971)

UNIVERSITY POLICE DEPARTMENT
Thomas D. Larson, M.A., Eastern Illinois University, Chief Public Safety Officer (1983)

BUSINESS AFFAIRS
VICE PRESIDENT FOR BUSINESS AFFAIRS
Morgan R. Olsen, Ph.D., University of Kansas (1995)

BUDGET
Kimberly A. Furumo, M.B.A., University of Akron, Director (1989)

BUSINESS SERVICES AND TREASURER
John Marlyn Finley, B.S.Ed., Eastern Illinois University, Director (1970)
Larry Cannon, B.S., Northern Illinois University, Director of Accounting and Finance (1997)

ADMINISTRATIVE SERVICES
Harriet Rose, M.A., Sangamon State University, Assistant Director (1985)

INFORMATION TECHNOLOGY SERVICES
David E. Henard, M.S.I.E., University of Illinois, Associate Vice President (1980)
William M. Witsman, M.A., Eastern Illinois University, Director, Information Systems and Technical Support (1977)
Harry B. Nelsen, Ph.D., Purdue University, Director, Academic Computing (1992)

HUMAN RESOURCES
Robert F. Wayland, Ph.D., University of North Texas, Acting Director (1991)

FACILITIES PLANNING AND MANAGEMENT
Theodore J. Weidner, M.S., Rensselaer Polytechnic Institute, Director (1993)

INSTRUCTIONAL STAFF
*Denotes department chairperson
**Denotes acting department chairperson

A
Olga Abella, Ph.D., State University of New York, Associate Professor, English (1989)
William E. Addison, Ph.D., Miami University, Professor, Psychology (1987)

Herbert Alexander, Jr., M.S., Wichita State University, Instructor, Zoology (1977) (Part-time)
James L. Allen, Ph.D., Vanderbilt University, Assistant Professor, Physics (1994)
William R. Allen, Ph.D., University of Wisconsin, Associate Professor, Computer and Operations Management (1989)
John B. Allison, Ph.D., University of Chicago, Associate Professor, English (1988)
Luminita Aluas, Ph.D., Indiana University - Bloomington, Assistant Professor, Music (1993)
Keith Andrew, Ph.D., University of Arkansas, Associate Professor, Physics (1987)
Peter Andrews, Ph.D., University of Maryland, Associate Professor, Mathematics (1992)
Larry J. Ankenbrand, Ed.D., University of Missouri, Professor, Physical Education (1977)
Delores Archaimbault, M.A., Eastern Illinois University, Instructor, History (1994)
Carol J. Armstrong, M.S.Ed., Eastern Illinois University, Associate Professor, Family and Consumer Sciences (1972)
V. Aline Arnold, Ph.D., North Texas State University, Professor, Management/Marketing (1988)
David P. Arseneau, M.B.A., Northern Illinois University, Instructor, Management/ Marketing (1983)
Sirus Aryainejad, Ph.D., Indiana University, Associate Professor, Physics (1986)
Jack Ashmore, M.A., Eastern Illinois University, Instructor, Speech Communication (1992)
Robert M. Augustine, Ph.D., Southern Illinois University, Professor, Communication Disorders and Sciences* (1978)
Gary E. Aylesworth, Ph.D., State University of New York at Stony Brook, Associate Professor, Philosophy* (1989)

B

Alan Baharlou, Ph.D., University of Tulsa, Professor, Geology/Geography* (1980)
William T. Bailey, Ph.D., Tulane University, Assistant Professor, Psychology (1988)
Pauline H. Bair, M.S.Ed., University of Illinois, Assistant Professor, Special Education (1992)
Kenneth Baker, M.S., Eastern Illinois University, Instructor, Physical Education (1994)
Virginia A. Baldwin, M.S. and M.L.I.S., Indiana University, Associate Professor, Library Services (1991)
Freddie A. Banks, Jr., Ph.D., Southern Illinois University, Associate Professor, Educational Administration (1991)
Judith Barford, M.S.Ed., Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1993)
Robert Barford, Ph.D., Indiana University, Professor, Philosophy (1968)
Terry Barnhart, Ph.D., Miami University, Associate Professor, History (1994)
Richard J. Barta, Ed.S., University of Kansas, Professor, Music (1978)
Katherine L. Bartel, M.F.A., Southern Illinois University, Associate Professor, Art (1989)
David E. Bartz, Ed.D., Western Michigan University, Professor, Educational Administration (1978)
Lawrence N. Bates, Ph.D., University of Texas, Associate Professor, Economics (1970)
Robert P. Bates, Ph.D., Southern Illinois University, Professor, Health Studies* (1988)
Sandra Baumgartner, M.S., Eastern Illinois University, Faculty Assistant, Zoology (1992)
Susan Bazargan, Ph.D., University of Washington, Professor, English (1985)
Ann Beabout, M.A., Eastern Illinois University, Instructor, Speech Communication (1984)
John L. Beabout, M.A., Ohio University, Assistant Professor, Radio and TV/Speech Communication (1981)
Brian Beakley, Ph.D., State University of New York at Stony Brook, Associate Professor, Philosophy (1990)
Roger B. Beck, Ph.D., Indiana University, Professor, History (1987)
Steven A. Becker, Ph.D., University of Iowa, Professor, Botany (1968)
Randall Beebe, Ph.D., Penn State University, Assistant Professor, English (1994)
Patricia K. Belleville, Ed.D, University of Illinois, Assistant Professor, Art (1996)
William Reed Benedict, Ph.D., Kansas State University, Assistant Professor, Sociology (1994)
John K. Bennett, M.A., Eastern Illinois University, Instructor, Mathematics (1982)
Rachelle Bergmann, Ph.D., University of California, Associate Professor, Physics* (1989)
Ronan S. Bernas, Ph.D., University of Chicago, Assistant Professor, Psychology (1994)
Lucinda Berry, M.A., Indiana University, Instructor, English (1995)
B. Christine Best, M.S.W., University of Illinois, Instructor, Sociology/Anthropology (1988) (Part-time)
John B. Best, Ph.D., University of Cincinnati, Professor, Psychology (1979)
Terri J. Biggs, M.S., Eastern Illinois University, Instructor, Health Studies (1987) (Part-time)
Joyce C. Bishop, M.S.Ed., Eastern Illinois University, Assistant Professor, Mathematics (1996)
Paul Black, M.A., Eastern Illinois University, Instructor, Political Science (1988) (Part-time)
T. Howard Black, Ph.D., Northwestern University, Professor, Chemistry (1985)
Clarence Blanchette, M.A., University of Iowa, Professor, Theatre Arts (1973)
Jonathan P. Blitz, Ph.D., Colorado State University, Associate Professor, Chemistry (1994)
Douglas G. Bock, Ph.D., Southern Illinois University, Professor, Speech Communication* (1982)
Paul G. Bodine, A.M., Washington University, Associate Professor, Art (1966)
Tom F. Boldrey, Ed.D., University of Northern Colorado, Professor, Technology (1987)
Eric K. Bollinger, Ph.D., Cornell University, Associate Professor, Zoology (1990)
Mark R. Bomball, Ph.D., University of Mississippi, Associate Professor, Computer and Operations Management (1969)
Bernard W. Borah, A.Mus.D, University of Illinois, Assistant Professor, Music (1989)
Waldo L. Born, Ph.D., University of Texas, Associate Professor, Accountancy and Finance (1988)
Mark G. Borzi, Ph.D., Bowling Green State University, Associate Professor, Speech Communication (1994)
Jeffrey G. Boshart, M.F.A., University of Massachusetts, Associate Professor, Art (1988)
Parley A. Boswell, Ph.D., Loyola University, Associate Professor, English (1987)
Diane Boyd, Ph.D., University of North Texas, Assistant Professor, Music (1993)
Michael G. Bradd, M.A., Eastern Illinois University, Assistant Professor, Speech Communication (1990)
Olinda Braga de Souza, A.M., University of Illinois, Instructor, Foreign Languages (1991) (Part-time)
Douglas E. Brandt, Ph.D., University of Hawaii, Professor, Physics (1987)
Edward Brankey, J.D., Southern Illinois University, Professor, Management/Marketing (1980)
Suzan G. Braun, M.F.A., Southern Illinois University, Professor, Art (1970)
Peggy L. Brayfield, Ph.D., Southern Illinois University, Professor, English (1970)
Hugh E. Brazil, Ph.D., University of Georgia, Associate Professor, Political Science (1982)
Heribert Breidenbach, Ph.D., University of Illinois, Professor, Foreign Languages* (1989)
Karl F. Bridges, M.L.S\M.A.\A.M., University of Illinois, Associate Professor, Library Services (1991)
Caridad F. Brito, Ph.D., University of Iowa, Assistant Professor, Psychology (1996)
Noel Brodsky, Ph.D., University of Illinois, Associate Professor, Economics (1988)
Duane M. Broline, Ph.D., University of Wisconsin, Professor, Mathematics (1986)
Elizabeth Broline, M.S., Eastern Illinois University, Instructor, Communication Disorders and Sciences (1993) (Part-time)
Martha S. Brown, Ph.D., Florida State University, Associate Professor, Family and Consumer Sciences (1979)
Valencia Browning, Ph.D., Texas Women's University, Assistant Professor, Family and Consumer Scinces (1996)
James Bruehler, Ph.D., University of Illinois, Assistant Professor, Economics (1993)
John Bruno, M.S.Ed., University of Illinois, Assistant Professor, Special Education (1995)
Angela M. (Clark) Bryan, M.S., Eastern Illinois University, Instructor, Physical Education (1994)
Rosemary Buck, Ph.D., Northwestern University, Assistant Professor, English (1994)
Kathryn M. Bulver, Ph.D., University of Wisconsin, Associate Professor, Foreign Languages (1990)
Melanie Burns, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (1994)
Henry Butler, M.M.A., Michigan State University, Associate Professor, Music (1990)
Louis C. Butler, Ph.D., Southern Illinois University, Professor, Technology (1984)
Mahmood H. Butt, Ph.D., Indiana University, Professor, Secondary Education and Foundations* (1992)
Robert Y. Butts, M.S./M.E., Virginia Polytechnic Institute and State University, Assistant Professor, Family and Consumer Sciences (1971)

C

Linda Calendrillo, Ph.D., Purdue University, Associate Professor, English (1992)
Lynn Calvert, M.A., Southeast Missouri State University, Assistant Professor, Communication Disorders and Sciences (1992)
Lucy A. Campanis, Ph.D., Pennsylvania State University, Associate Professor, Family and Consumer Sciences (1986)
Stephen A. Canfield, Ph.D., University of Illinois, Associate Professor, Foreign Languages (1992)
Gary Canivez, Ph.D., Southern Illinois

University - Carbondale, Assistant Professor, Psychology (1995)
Brian Carey, Ed., University of Missouri, Assistant Professor, Student Teaching (1995)
K. Janelle Carey, M.A., Eastern Illinois University, Instructor, English (1981)
Myrtle Carey, M.S.Ed., Eastern Illinois University, Lecturer, Instructional Materials Center (1994)
Nanette M. Carli, Ed.D., Illinois State University, Assistant Professor, Art (1991)
David Carpenter, Ph.D., University of Oregon, Professor, English (1986)
Janet Carpenter, M.S.Ed., Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1995)
Rori R. Carson, Ph.D., University of Iowa, Associate Professor, Special Education (1991)
David H. Carwell, Ph.D., University of Kentucky, Assistant Professor, Political Science (1990)
Richard Cavanaugh, M.S., University of Illinois, Instructor, Health Studies (1982) (Part-time)
T. Christine Chambers, M.S., Eastern Illinois University, Instructor, Communication Disorders and Sciences (1993) (Part-time)
Dell P. Champlin, Ph.D., University of Utah, Assistant Professor, Economics (1995)
E. Wayne Chandler, D.B.A., Arizona State University, Professor, Management/Marketing (1983)
Carrie C. Chen, M.L.S. and E.S., Eastern Illinois University, Associate Professor, Library (1968)
Robert P. Chen, Ph.D., Indiana University, Professor, Library (1968)
Yung Ping Chen, Ph.D., University of Maryland, Professor, Political Science (1966)
Craig A. Chesner, Ph.D., Michigan Technological University, Associate Professor, Geology/Geography (1989)
Mark Christhilf, Ph.D., University of Maryland, Professor, English (1981)
Michael Chron, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)
Michael E. Church, M.A., Northeast Missouri State University, Associate Professor, Physical Education (1984)
Phoebe Church, Ph.D., Indiana State University, Professor, Physical Education* (1979)
Denise C. Clark, M.A., Eastern Illinois University, Instructor, English (1983)
Frank L. Clark, Ph.D., University of Arkansas, Professor, Accountancy and Finance* (1990)
Ronald H. Claxton, M.A., University of Colorado, Instructor, Journalism (1992)
Penelope Clay, M.A., Washington University, Instructor, Foreign Languages (1993)
Luis Clay-Mendez, Ph.D., Washington University, Professor, Foreign Languages (1980)
Stephen M. Cloud, B.A., Eastern Illinois University, Instructor, English (1991)
Charles E. Coddington, Ph.D., University of Maryland, Professor, School of Technology* (1996)
Adeniyi A. Coker, Jr., Ph.D., Temple University, Associate Professor, African-American Studies* (1996)
Linda S. Coleman, Ph.D., University of Wisconsin-Milwaukee, Professor, English (1987)
Marilyn J. Coles, D.M.A., University of Illinois, Associate Professor, Music (1988)
Jonell A. Comerford, Ph.D., University of Illinois, Professor, Mathematics (1988)
Leo P. Comerford, Jr., Ph.D., University of Illinois, Professor, Mathematics (1988)
James Conwell, Ph.D., University of Nebraska, Professor, Physics (1985)
Rebecca J. Cook, Ph.D., University of Illinois, Assistant Professor, Special Education (1990)
Janice K. Coons, Ph.D., University of Wisconsin, Professor, Botany* (1989)
Carolyn S. Cooper, Ph.D., University of Kansas, Professor, Special Education (1987)
Judith Corbin, M.A., Northern Illinois University, Instructor, English (1988)
Edward M. Corley, Ph.D., Oklahoma State University, Professor, Economics (1967)
Andrea Cortez, Ph.D., University of Illinois, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1995)
Janet Cosbey, Ph.D., University of Akron, Assistant Professor, Sociology (1995)
Charles J. Costa, Ph.D., University of Maryland, Associate Professor, Zoology (1987)
Patrick R. Coulton, Ph.D., University of Notre Dame, Professor, Mathematics (1983)
Nancy Coutant, M.S., Eastern Illinois University, Instructor, Botany (1992)
John M. Craft, M.S., Eastern Illinois University, Associate Professor, Physical Education (1970)
Donald P. Crawford, M.A., Illinois Teacher's College, Instructor, English (1993)
Scott A.G.M. Crawford, Ph.D., University of Queensland, Australia, Professor, Physical Education (1989)
Phyllis T. Croisant, Ph.D., University of Illinois, Professor, Physical Education (1984)
Richard K. Crome, M.S.Ed., Eastern Illinois University, Associate Professor, Foreign Languages (1987)
Earl S. Cummings, Ph.D., Indiana University, Assistant Professor, Secondary Education and Foundations (1992)
Lynne E. Curry, Ph.D., University of Illinois, Assistant Professor, History (1994)

D

Jerry L. Daniels, M.M., Drake University, Associate Professor, Music (1982)
Steven W. Daniels, Ph.D., University of Maryland, Associate Professor, Physics (1991)
Minh Quang Dao, Ph.D., University of Illinois, Professor, Economics (1987)
Roger L. Darding, Ph.D., University of Illinois, Professor, Botany (1970)
Kaustuv M. Das, Ph.D., California Institute of Technology, Assistant Professor, Mathematics (1994)
A. Douglas Davis, Ph.D., University of California, Los Angeles, Professor, Physics (1970)
Henry H. Davis, Ph.D., University of North Carolina, Assistant Professor, Accountancy and Finance (1991)
Howard Allen Davis, Jr., Ph.D., University of Wisconsin, Professor, Mathematics (1987)
Judy Davis, M.S.Ed., Eastern Illinois University, Instructor, Chemistry (1993)
Lori J. Davis, M.A., Ball State University, Assistant Professor, Physical Education (1994)
Carol A. Deakyne, Ph.D., Princeton University, Professor, Chemistry (1990)
Carl W. Dell, Ph.D., Bowling Green State University, Associate Professor, Communication Disorders and Sciences (1985)
Charles I. Delman, Ph.D., Cornell University, Assistant Professor, Mathematics (1994)
Marietta L. Deming, Ph.D., University of Toledo, Professor, Health Studies (1987)
Jean Dennee, Ed.D., Utah State University, Associate Professor, Secondary Education and Foundations (1987)
Jonelle M. DePetro, M.A., University of Arizona, Instructor, Philosophy (1992)
Garret W. DeRuiter, M.F.A., Southern Illinois University, Professor, Art (1965)
Suhrit K. Dey, Ph.D., Mississippi State University, Professor, Mathematics (1970)
Douglas DiBianco, Ph.D., University of Illinois, Professor, Music (1977)
Jean K. Dilworth, M.F.A., Western Illinois University, Associate Professor, Family and Consumer Sciences (1988)
Ruth M. Dow, Ph.D., University of Illinois, Professor, Family and Consumer Sciences (1969)
Kathleen P. Doyle, Ph.D., Southern Illinois University, Professor, Health Studies (1978)
Robert Doyle, Ph.D., Southern Illinois University, Associate Professor, Physical Education (1980)
Carol Dudley, M.A., Southern Illinois University - Edwardsville, Instructor, English (1993)
Dean Dudley, Ph.D., University of Washington, Professor, Accountancy and Finance (1985)
Lola W. Dudley, Ph.D., University of Arkansas, Professor, Accountancy and Finance (1989)
Sidney C. Dudley, Ph.D., University of Arkansas, Associate Professor, Management/Marketing (1989)
Richard A. Dulka, M.A., St. Louis University, Associate Professor, Foreign Languages (1968)

E

David W. Ebdon, Ph.D., University of Maryland, Professor, Chemistry (1968)
Charles G. Eberly, Ph.D., Michigan State University, Professor, Educational Psychology and Guidance (1987)
Craig Eckert, Ph.D., University of Missouri, Associate Professor, Sociology/Anthropology (1986)
Audrey T. Edwards, Ed.D., Harvard University, Professor, Secondary Education and Foundations (1989)
Jerry D. Eisenhour, Ph.D., University of Missouri, Professor, Theatre Arts (1984)
John Eisenhour, B.A., Eastern Illinois University, Lecturer, Speech Communication/Radio/Television (1993)
Karen A. Eisenhour, M.F.A., University of Massachusetts, Assistant Professor, Theatre Arts (1994)
E. Duane Elbert, Ph.D., Indiana University, Professor, History (1966)
Jerry W. Ellis, Ph.D., Oklahoma State University, Professor, Chemistry (1966)
Dean S. Elmuti, Ph.D., North Texas State University, Professor, Management/Marketing (1987)
Carl E. Emmerich, D.Ed., The Pennsylvania State University, Professor, Art (1962)
John D. Emmett, Ph.D., Pennsylvania State University, Associate Professor, Physical Education (1989)
Ellen M. Epping, M.A., New Mexico State University, Instructor, Health Studies (1992) (Part-time)
Stephen Eskilson, M.A., Brown University, Providence, R.I., Assistant Professor, Art (1995)
Celia I. Evans, M.A., University of Evansville, Assistant Professor, Elementary/Special

Education (1994)
Charles M. Evans, Ph.D., University of Oklahoma, Associate Professor, Political Science (1994)
Muriel A. Everton, M.S., Florida International University, Instructor, Speech Communication (1991)

F

Samuel W. Fagaly, M.M., Louisiana State University, Assistant Professor, Music (1991)
Paul R. Fahy, Ph.D., University of Connecticut, Associate Professor, Economics (1976)
Ben Fallaw, Ph.D., University of Chicago, Assistant Professor, History (1995)
John R. Faust, Ph.D., University of North Carolina, Professor, Political Science (1966)
Joyce Felstehausen, Ed.D., University of Illinois, Professor, Technology (1976)
Patricia Fewell, Ed.D., Illinois State University, Director, Instructional Materials Center and Associate Professor, Secondary Education and Foundations (1986)
Beverly Findley, Ph.D., Indiana State University, Associate Professor, Educational Administration* (1991)
Robert U. Fischer, Jr., Ph.D., University of South Carolina, Assistant Professor, Zoology (1994)
Russell D. Fischer, Ed.D., North Texas State University, Associate Professor, Physical Education (1976)
William Fischer, Ed.D., Indiana University, Associate Professor, Student Teaching (1992)
Laura D. Flesor, M.A., Eastern Illinois University, Instructor, English (1987)
Gary S. Foster, Ph.D., Kansas State University, Professor, Sociology/Anthropology (1981)
French L. Fraker, Ph.D., University of Illinois, Associate Professor, Educational Psychology and Guidance (1987)
Norma L. Franklin, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (1990)
Chris E. Freese, J.D., University of Louisville/M.B.A., University of Illinois, Instructor, Management/Marketing (1990)
Shelley S. French, Ph.D., University of Illinois, Assistant Professor, Foreign Languages (1989)
Ann Fritz, M.S., University of Chicago, Instructor, Zoology (1995)
Gary N. Fritz, Ph.D., University of Florida, Assistant Professor, Zoology (1994)
Richard C. Funk, Ph.D., University of Kansas, Professor, Zoology (1965)
Robert W. Funk, Ph.D., University of Illinois, Professor, English (1983)
Norbert C. Furumo, Ph.D., University of Akron, Associate Professor, Chemistry (1989)

G

Gregory Galperin, Ph.D., Moscow University, Associate Professor, Mathematics (1994)
John W. Gardner, Ph.D., University of Illinois, Professor, Physics (1983)
Margaret Garrett, B.A., Brigham Young University, Instructor, Foreign Languages (1993) (Part-time)
Norman A. Garrett, Ed.D., Arizona State University, Professor, Business Education and Administrative Information Systems (1990)
Hillel Gauchman, Ph.D., University of Moscow, Professor, Mathematics (1986)
Max O. Gerling, Ph.D., Florida State University, Professor, Mathematics (1978)
Mary A. Gherardini, M.S.Ed., Illinois College, Instructor, Special Education (1994) (Part-time)
Ronald E. Gholson, Ph.D., Southern Illinois University, Professor, Secondary Education and Foundations (1976)
William Gibbs, Ph.D., The Pennsylvania State University, Associate Professor, Audio Visual Center (1993)
Thomas Gladsky, Ph.D., University of North Carolina, Professor, English (1995)
James F. Glazebrook, Ph.D., University of Warwick, Associate Professor, Mathematics (1988)
Ivy Glennon, Ph.D., University of Illinois, Associate Professor, Speech Communication (1990)
Frank Goldacker, M.S., Eastern Illinois University, Associate Professor, Communication Disorders and Sciences (1989)
Evelyn T. Goodrick, M.A., Kent State University, Professor, Journalism (1976)
Laurent A. Gosselin, Ed.D., Temple University, Professor, Family and Consumer Sciences (1981)
Patricia O. Graves, Ed.D., Memphis State University, Professor, Business Education and Administrative Information Systems (1987)
Lillian Greathouse, Ph.D., Southern Illinois University, Associate Professor, Business Education and Administrative Information Systems* (1986)
Noelle J. Greathouse, Ph.D., Indiana State University, Associate Professor, Early Childhood, Elementary, and Middle Level Education (1988)
Mary J. Greenlaw, Ph.D., Indiana State University, Assistant Professor, Student Teaching (1994)
Norman Greer, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Speech Communication (1995)
David Griffin, M.F.A., University of Illinois, Assistant Professor, Art (1992)
Karl M. Grisso, Ph.D., University of Illinois, Professor, Library (1969)
Albert Grivetti, M.F.A., Northern Illinois University, Assistant Professor, Art (1992)
Russell Gruber, Ph.D., University of Cincinnati, Associate Professor, Psychology (1991)
Gary L. Gueldner, M.S.Ed., Eastern Illinois University, Assistant Professor, Accountancy and Finance (1967)
Bruce Guernsey, Ph.D., University of New Hampshire, Professor, English (1978)
E.T. Guidotti, M.F.A., University of Iowa, Professor, Theatre Arts* (1987)
Vincent P. Gutowski, Ph.D., University of Pittsburgh, Professor, Geology/Geography (1983)
John Z. Guzlowski, Ph.D., Purdue University, Professor, English (1981)

H

Marjorie Hanft-Martone, M.A., University of Oklahoma, Instructor, Psychology (1986)
Mary Anne Hanner, Ph.D., Indiana State University, Professor, Communication Disorders and Sciences (1981)
Martin Hardeman, Ph.D., University of Chicago, Assistant Professor, History (1992)
Elizabeth Harris, Ph.D., Louisiana State University, Assistant Professor, Botany (1993)
Eugene Harrison, Ed.D., University of Illinois, Assistant Professor, Art (1992)
Karen Hartbank, M.A., Eastern Illinois University, Instructor, Sociology/Anthropology (1988)
James M. Havey, Ed.D., Ball State University, Associate Professor, Psychology (1988)
Cheryl Hawker, D.A., Illinois State University, Professor, Mathematics (1979)
Paul Hayden, D.M.A., University of Illinois, Professor, Music (1988)
Melinda Hegarty, Ph.D., University of Iowa, Professor, Art (1977)
Christine Helsel, Ph.D., Southern Illinois University, Associate Professor, Speech Communication (1985)
Larry D. Helsel, D.Ed., Pennsylvania State University, Professor, Technology (1980)
Carol M. Helwig, Ed.D., University of Illinois, Professor, Early Childhood, Elementary, and Middle Level Education* (1969)
Giles L. Henderson, Ph.D., Indiana University, Professor, Chemistry (1966)
Joan E. Henn, Ph.D., University of Tennessee, Associate Professor, Mathematics (1989)
Peter D. Hesterman, Ph.D., Eastman School of Music, Professor, Music (1978)
Joseph K. Heumann, M.A., University of Iowa, Professor, Speech Communication (1976)
William F. Higelmire, Ed.D., University of Northern Colorado, Professor, Leisure Studies* (1987)
Joyce Higgins, Ph.D., Drake University, Assistant Professor, Chemistry (1995)
Glenn J. Hild, M.F.A., University of Nebraska, Associate Professor, Art (1979)
Robert V. Hillman, M.L.S., Brigham Young University, Associate Professor, Library (1989)
Robert Hills, M.A./M.S., Eastern Illinois University, Associate Professor, Music (1985)
William C. Hine, Ed.D., Indiana University, Professor, Secondary Education and Foundations (1986)
Elizabeth Hitch, Ph.D., University of Michigan, Professor, Dean, College of Education and Professional Studies (1995)
David Hobbs, Ph.D., University of Cincinnati, Associate Professor, Music (1991)
Ruth Hoberman, Ph.D., Columbia University, Professor, English (1984)
Eric H. Hobson, Ph.D., University of Tennessee, Assistant Professor, English (1996)
Dan Hockman, Ph.D., University of Illinois, Professor, History (1965)
Stephen D. Hogan, Ph.D., University of Oklahoma, Professor, Accountancy and Finance (1990)
Mary C. Hogg, Ph.D., University of Iowa, Assistant Professor, Speech Communication (1989)
Christy M. Hooser, M.S.Ed., Eastern Illinois University, Instructor, Special Education (1989)
Richard L. Hooser, Ph.D., Southern Illinois University, Professor, Health Studies (1965)
Allan L. Horney, M.S., University of Illinois, Professor, Music (1974)
Mary L. Hubbard, Ph.D., Southern Illinois University, Professor, Family and Consumer Sciences (1979)
William Hubschmitt, Ph.D. Suny Binghamton, Associate Professor, Art* (1996)
Richard L. Hummel, Ph.D., Indiana University, Professor, Sociology/Anthropology (1969)
Kevin Hussey, Ph.D., University of South Carolina, Assistant Professor, Physical Education (1995)
Leslie S. Hyder, Ed.D., University of Tennessee, Assistant Professor, Journalism* (1994)

Judith Hyndman, M.S., Eastern Illinois University, Assistant Professor, Physical Education (1990)

I

Diana S. Ingram, M.A., Eastern Illinois University, Instructor, Speech Communication (1986)
Bonnie D. Irwin, Ph.D., University of California at Berkeley, Assistant Professor, English (1994)
Judith J. Ivarie, Ph.D., Utah State University, Professor, Special Education (1980)
Theodore W. Ivarie, D.Ed., Arizona State University, Professor, Business Education and Administrative Information Systems (1979)
Mahyar Izadi, Ph.D., Southern Illinois University, Professor, Technology (1984)

J

Richard D. Jacques, Ph.D., Bowling Green State University, Associate Professor, Communication Disorders and Sciences (1987)
Judith James, Ph.D., Illinois State University, Professor, Zoology (1973)
Larry D. Janes, Ed.D., Illinois State University, Professor, Educational Administration (1983)
Julia Jeffers-Gladu, M.S., Eastern Illinois University, Instructor, Physical Education (1994)
Linda L. Jenkins-Taylor, M.S., Southern Illinois University, Instructor, Speech Communication (1988)
Hongyu Ji, M.F.A., State University of New York, Assistant Professor, Art (1994)
James K. Johnson, M.F.A., University of Kansas, Professor, Art (1978)
Johnetta Jones, M.A., Southern Illinois University, Assistant Professor, Sociology/ Anthropology (1977)
Kevin M. Jones, M.A., Lousiana State University, Assistant Professor, Psychology (1996)
James Jordan-Wagner, Ph.D., University of North Texas, Associate Professor, Accountancy and Finance (1990)
Julia Jorgensen, Ph.D., Princeton, Associate Professor, Psychology (1992)
David L. Jorns, Ph.D., University of California - Los Angeles, Professor, Theatre Arts (1992)
Robert B. Jorstad, Ph.D., University of Idaho, Professor, Geology/ Geography (1982)
Alphonso Joyner, J.D., Howard University, Associate Professor, Management/Marketing (1985)

K

Joy M. Kammerling, Ph.D., University of Chicago, Assistant Professor, History (1994)
Theresa Kanoza, Ph.D., Michigan State University, Assistant Professor, English (1995)
Ebrahim Karbassioon, Ph.D., University of Nebraska, Lincoln, Professor, Economics* (1980)
Mahmoud Kashefi, Ph.D., Indiana University, Associate Professor, Sociology/Anthropology (1990)
Yunus Kathawala, Ph.D., University of Georgia, Professor, Computer and Operations Management* (1982)
Susan J. Kaufman, Ph.D., Indiana State University, Professor, Journalism (1986)
Lynda L. Kayser, Ed.D., University of Maine, Professor, Educational Psychology and Guidance (1984)
Ellen A. Keiter, Ph.D., University of Illinois, Professor, Chemistry* (1977)
Richard L. Keiter, Ph.D., University of Maryland, Professor, Chemistry (1969)
Barbara E. Kemmerer, Ph.D., University of Nebraska, Associate Professor, Management/Marketing (1990)
Karen J. Ketler, Ph.D., Kent State University, Associate Professor, Computer and Operations Management (1988)
Newton E. Key, Ph.D., Cornell University, Associate Professor, History (1989)
Belayet Khan, Ph.D., University of Pittsburgh, Associate Professor, Geology/Geography (1986)
John Kilgore, Ph.D., University of California, Irvine, Professor, English (1979)
Janice A. King, Adv. Cert., University of Illinois, Instructor, Special Education (1994) (Part-time)
Catherine Kirby, M.S.Ed., University of Illinois, Instructor, Technology (1994)
Linda J. Kirby, M.S.Ed., Eastern Illinois University, Instructor, Special Education (1994) (Part-time)
William G. Kirk, Ph.D., University of Kansas, Professor, Psychology (1975)
Douglas Klarup, Ph.D., University of California, Assistant Professor, Chemistry (1995)
John Klein, M.S., University of Illinois - Chicago, Lecturer, Coach, Physical Education, Athletic Operations (1993)
Gretchen Knapp, Ph.D., State University of New York - Buffalo, Assistant Professor, History (1995)
Karl-Ludwig Konrad, M.A., University of Washington, Associate Professor, Foreign Languages/Radio-TV (1970)
Lloyd L. Koontz, M.A., University of Arkansas, Associate Professor, Mathematics (1963)
Roann R. Kopel, Ph.D., University of North Carolina, Assistant Professor, Accountancy and Finance (1991)
Fern E. Kory, Ph.D., University of California, Associate Professor, English (1990)
Helen J. Krehbiel-Reed, Ph.D., University of Illinois, Associate Professor, Music (1988)
Robert F. Krieger, B.A., Drake University, Coach, Physical Education (1994)
Claire E. Krukenberg, Ph.D., University of Illinois, Professor, Mathematics* (1968)
Kipp Kruse, Ph.D., University of Nebraska, Professor, Zoology* (1979)
Johnson Kuma, M.A./M.L.S., St. John's University, Assistant Professor, Library Services (1991)
Michael Kuo, M.A., Eastern Illinois University, Instructor, English (1995)

L

Marta J. Ladd, M.A., Eastern Illinois University, Associate Professor, Journalism (1986)
William D. Lair, B.S.Ed., Eastern Illinois University, Instructor, Journalism (1986) (Part-time)
Janet M. Lambert, Ed.D., Oregon State University, Associate Professor, Early Childhood, Elementary, and Middle Level Education (1988)
Bert A. Landes, M.A.T., Colorado State University, Assistant Professor, Zoology (1967)
Johnny L. Lane, M.M., Southern Illinois University, Professor, Music (1974)
Janet Laribee, D.B.A., United States International University, Associate Professor, Computer and Operations Management (1989)
Stephen F. Laribee, D.B.A., Kent State University, Professor, Accountancy and Finance (1989)
Herbert Lasky, Ph.D., New York University, Professor, History (1966)
L. Jane Lasky, M.A./M.S.L.S., Eastern Illinois University, Professor, Library (1973)
Kevin R. Lasley, Ed.D., University of Arkansas, Professor, Physical Education (1987)
Abdul Lateef, Ph.D., Southern Illinois University, Professor, Political Science (1968)
Cheryl Laursen, M.S., University of Wisconsin, Instructor, Botany (1995) (Part-time)
Jeffrey R. Laursen, Ph.D., University of Minnesota, Assistant Professor, Zoology (1994)
Richard W. Lawson, Ph.D., Indiana University, Associate Professor, Secondary Education and Foundations (1964) (Part-time)
Linda Leal, Ph.D., Tulane University, Professor, Psychology (1985)
Michael Leddy, Ph.D., Boston College, Professor, English (1985)
Hyunsai Lee, D.M.A., The Cleveland Institute of Music, Assistant Professor, Music (1994)
Young Sook Lee, Ph.D., Temple University, Assistant Professor, Philosophy (1994)
Peter R. Leigh, Ph.D., University of Southern California, Professor, Political Science (1969)
Gloria Leitschuh, Ph.D., University of Illinois, Assistant Professor, Educational Psychology and Guidance (1994)
Patrick M. Lenihan, Ph.D., University of Wisconsin, Professor, Economics (1967)
Mary M. Leonard-Cravens, M.F.A., Northern Illinois University, Associate Professor, Art (1986)
Graham Lewis, M.F.A., University of Arkansas, Instructor, English (1993)
Michael B. Leyden, D.Ed., University of Florida, Professor, Early Childhood, Elementary, and Middle Level Education (1970)
Marylin Lisowski, Ph.D., Ohio State University, Professor, Early Childhood, Elementary, and Middle Level Education (1987)
Gwen G. Little, M.S.Ed., Eastern Illinois University, Instructor, Physical Education (1987)
Ping Liu, Ph.D., Iowa State University, Professor, Technology (1991)
Scott J. Lloyd, Ph.D., Kent State University, Assistant Professor, Computer and Operations Management (1996)
Gail M. Lockart, M.S.Ed., Southern Illinois University - Edwardsville, Assistant Professor, Elementary Education (1994)
Carl L. Lorber, M.B.A./M.S.L.S., University of Illinois, Associate Professor, Library (1988)
Michael D. Loudon, Ph.D., State University of New York, Buffalo, Professor, English (1984)
Roger L. Luft, Ed.D., Oregon State University, Professor, Business Education and Administrative Information Systems (1989)
Carol A. Lundgren, Ph.D., Arizona State University, Associate Professor, Business Education and Administrative Information Systems (1989)
Terry D. Lundgren, Ph.D., The Ohio State University, Professor, Business Education and Administrative Information Systems (1989)
Judith W. Lyles, Ed.D., University of Illinois, Associate Professor, Educational Psychology and Guidance (1991)
Jeffrey P. Lynch, M.A., University of Dayton, Associate Professor, English (1976)

M

Mary C. Maddox, M.F.A., University of Iowa, Instructor, English (1979)
Mark Maegolin, M.A., Eastern Illinois University, Instructor, Music (1995)
Joanne Magalis, Ph.D., University of Illinois, Assistant Professor, Sociology/Anthropology (1971)
Joseph Manfredo, Ed.D., University of Illinois, Associate Professor, Music (1994)
Marina Marjanovic, Ph.D., University of Belgrade, Assistant Professor, Zoology (1996)
Edward K. Marlow, Ph.D., University of Illinois, Professor, Management/Marketing (1984)
Nancy Marlow, D.B.A., Mississippi State University, Associate Professor, Management/Marketing (1985)
Janet Marquardt-Cherry, Ph.D., University of California - Los Angeles, Associate Professor, Art (1986)
John R. Marquart, Ph.D., University of Illinois, Professor, Chemistry (1979)
Joseph M. Martin, M.M., East Carolina University, Associate Professor, Music (1969)
Jacinto C. Martinez, M.S., East Texas State University, Assistant Professor, Zoology (1966)
John P. Martone, Ph.D., Brown University, Professor, English (1985)
Gail E. Mason, Ph.D., Indiana University, Professor, Speech Communication (1989)
Timothy L. Mason, Ph.D., Indiana University, Associate Professor, Economics (1989)
Luann D. Matthews, M.A., Eastern Illinois University, Instructor, History (1994) (Part-time)
Kenneth Matzner, Ph.D., University of Illinois, Associate Professor, Educational Psychology and Guidance (1984)
Patricia McAlister, D.Ed., Pennsylvania State University, Professor, Family and Consumer Sciences (1976)
Patricia (Stein) McCallister, Ed.D., University of Georgia, Professor, Family and Consumer Sciences (1989)
Joan M. McCausland, M.S., Eastern Illinois University, Instructor, Health Studies (1988) (Part-time)
Christine McCormick, Ph.D., University of Minnesota, Professor, Psychology (1982)
Frank McCormick, Ph.D., University of Minnesota, Professor, English (1977)
Michael J. McDevitt, M.A., Eastern Illinois University, Instructor, Health Studies (1987)
Carla J. McDonough, Ph.D., University of Tennessee, Associate Professor, English (1992)
John F. McElligott, Ph.D., New York University, Associate Professor, History (1967)
Lola A. McElwee, B.A., Eastern Illinois University, Instructor, Journalism (1991)
Harland G. McFarland, M.S.Ed., Southern Illinois University, Associate Professor, Physical Education (1970)
Jeanna K. McFarland, B.S., Southern Illinois University, Instructor, Physical Education (1991)
James A. McGaughey, Ed.D.,Unversity of Illinois, Assistant Professor, Botany (1990)
Kip McGilliard, Ph.D., University of Minnesota, Associate Professor, Zoology (1985)
David G. McGrady, M.B.A., University of Texas, Instructor, Business Education and Administrative Information Systems (1986)
Mark E. McGuire, Ph.D., University of Rochester, Professor, Chemistry (1988)
John P. McInerney, M.S.Ed., Northern Illinois University, Coach, Physical Education/Athletics (1994)
John T. McLean, M.M., University of Miami, Instructor, Music (1993)
Vicki McMilen, M.A., Indiana State, Instructor, English (1995)
Andrew D. McNitt, Ph.D., Michigan State University, Professor, Political Science* (1977)
Natalie McPherson, Ph.D., University of Maryland, Assistant Professor, Economics (1994)
Jerry W. McRoberts, Ph.D., University of Illinois, Professor, Art (1963)
J. Earl McSwain, Ph.D., Florida State University, Associate Professor, Speech Communication (1973)
H. Lee Meadow, Ph.D., Virginia Polytechnic Institute and State University, Professor, Management/Marketing* (1996)
William P. Melvin, M.M., The Juilliard School, Assistant Professor, Music (1991)
Floyd E. Merritt, Ph.D., The Ohio State University, Professor, Speech Communication (1970)
John M. Messer, D.Ed., University of Northern Colorado, Professor, Technology (1977)
Andrew S. Methven, Ph.D., University of Tennessee, Professor, Botany (1987)
Douglas K. Meyer, Ph.D., Michigan State University, Professor, Geology/Geography (1970)
Stuart E. Michelson, Ph.D., University of Kansas, Associate Professor, Accountancy and Finance (1991)
Eleanor E. Midkiff, Ph.D., University of Washington, Associate Professor, Psychology (1989)
Beverly B. Miller, M.S.L.S., University of Illinois, Associate Professor, Secondary Education and Foundations (1967)
Bryan G. Miller, Ph.D., Indiana University School of Medicine, Associate Professor, Zoology (1987)
Charles E. Miller, Jr., M.S., Eastern Illinois University, Faculty Assistant, Physics (1967)
Debra A. Miller, M.A., Northern Illinois University, Instructor, English (1991)
Patricia L. Miller, M.A., University of Illinois, Instructor, History (1985) (Part-time)
Shane A. Miller, M.A., Northern Illinois University, Assistant Professor, Speech Communication (1996)
William D. Miller, Ph.D., University of Iowa, Professor, English (1963)
Melanie B. (McKee) Mills, Ph.D., Bowling Green State University, Associate Professor, Speech Communication (1985)
Timothy H. Mills, D.B.A., Louisiana Tech University, Associate Professor, Accountancy and Finance (1989)
Edward O. Moll, Ph.D., University of Utah, Professor, Zoology (1968)
Thomas Moncada, J.D., IIT-Chicago, Kent College of Law, Associate Professor, Accountancy and Finance (1980)
Matthew M. Monippallil, J.D., Southern Illinois University, Professor, Accountancy and Finance (1986)
John D. Moore, Ph.D., University of Washington, Associate Professor, English (1985)
Ali R. Moshtagh, Ph.D., University of Arkansas, Associate Professor, Economics (1987)
Susan Mounce, M.S., Eastern Illinois University, Instructor, Zoology (1994)
Melinda A. Mueller, Ph.D., University of Rochester, Assistant Professor, Political Science (1995)
Frances L. Murphy, Ph.D., Texas Woman's State University, Associate Professor, Family and Consumer Sciences (1990)
Amy Beth Myers, M.A., Eastern Illinois University, Instructor, Economics (1983)

N

Jagdish L. Nanda, Ph.D., Indiana University, Professor, Mathematics (1964)
Karen S. Nantz, Ph.D., Brigham Young University, Associate Professor, Business Education and Administrative Information Systems (1990)
Dwain Naragon, M.F.A., Arizona State, Assistant Professor, Art (1995)
Britto P. Nathan, Ph.D., University of Kansas, Assistant Professor, Zoology (1996)
James Naylor, Ed.D., University of Illinois, Assistant Professor, Student Teaching (1995) (Part-time)
Thomas A. Nelson, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Zoology (1994)
Michael C. Nibbelin, Ph.D., Florida State University, Assistant Professor, Accountancy and Finance (1991)
Henry C. Nilsen, M.S., University of Illinois, Assistant Professor, Zoology (1967)
Jill F. Nilsen, Ph.D., University of Illinois, Professor, Communication Disorders and Sciences (1976)
Charles E. Nivens, M.F.A., Indiana University, Professor, Art (1986)
Cheryl L. Noll, Ph.D., The Ohio State University, Associate Professor, Business Education and Administrative Information Systems (1990)
Harold D. Nordin, Ph.D., University of Illinois, Professor, Economics (1967)
Nancy B. Nordtvedt, M.F.A., Montana State University, Assistant Professor, Physical Education (1981)
Grace G. Nunn, Ph.D., The Ohio State University, Professor, Early Childhood, Elementary, and Middle Level Education (1983)

O

Godson C. Obia, Ph.D., University of Oklahoma, Associate Professor, Geology/Geography (1994)
Frank Oglesbee, Ph.D., University of Missouri, Associate Professor, Speech Communication (1988)
Michael Oliker, Ph.D., University of Illinois, Assistant Professor, Secondary Education and Foundations (1995)
Kathryn M. Olsen, M.A., Eastern Illinois University, Instructor, English (1988)
Michele J. Olsen, Ph.D., University of Illinois, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1994)
Kenneth R. Osborne, M.S. and M.B.A., Eastern Illinois University, Faculty Assistant, Chemistry (1978)
A. Anthony Oseguera, Ph.D., University of Missouri, Columbia, Professor, Speech Communication (1980)
Henry R. Owen, Ph.D., Virginia Polytechnic Institute, Assistant Professor, Botany (1994)
Jill Owen, Ph.D., Southern Illinois University - Carbondale, Associate Professor, Physical Education (1988)
S. Jayne Ozier, Ph.D., Florida State University, Professor, Family and Consumer Sciences (1970)

P

Ronald Paap, A.M., University of Northern Colorado, Assistant Professor, Physical Education (1963)
Raymond F. Padovan, M.S.Ed., Southern Illinois University, Assistant Professor, Physical Education (1966)
Donald D. Pakey, Ph.D., University of Illinois, Associate Professor, Physics (1990)
Jyoti Panjwani, Ph.D., University of Illinois, Assistant Professor, English (1996)
Frank E. Parcells, Ph.D., Southern Illinois University, Professor, Speech Communication (1980)
Judith S. Parker, Ph.D., University of Illinois, Instructor, Student Teaching (1989)
Anneliese Payne, M.S.Ed., Eastern Illinois University, Instructor, Student Teaching (1990)
Charles L. Pederson, Ph.D., University of North Dakota, Associate Professor, Botany (1989)
Stephen Peet, M.M., Westminister Choir College, Instructor, Music (1995)
Terry Perkins, Ph.D., University of Kansas, Professor, Speech Communication (1979)
Kate Peterson, B.A., University of Wisconsin - Steven's Point, Lecturer/Coach, Physical Education (1993) (Part-time)
Raymond N. Pheifer, Ph.D., Indiana University, Associate Professor, Geology/Geography (1984)
John H. Piggott, Ph.D., University of Missouri, Assistant Professor, Geology/Geography (1996)
John H. Pommier, Ph.D., Texas A & M, Assistant Professor, Leisure Studies (1996)
Barbara L. Poole, Ph.D., Kent State University, Associate Professor, Political Science (1989)
Brian Poulter, M.F.A., University of Wisconsin, Assistant Professor, Journalism (1992)
Patricia Poulter, M.A, Eastern Illinois University, Assistant Professor, Music (1994)
Barbara M. Powell, Ph.D., University of Illinois, Instructor, Educational Psychology and Guidance (1992)
David C. Powell, Ph.D., Miami University, Assistant Professor, Political Science (1996)
Loretta Prater, Ph.D., University of Tennessee at Chattanooga, Associate Professor, School of Family and Consumer Sciences* (1996)
Jyoti Prasad, Ph.D., University of Arkansas, Professor, Management/ Marketing (1993)
Fredrick Preston, Jr., Ph.D., University of Illinois, Professor, English (1972)
Scott C. Preston, M.B.A., Eastern Illinois University, Instructor, Management/Marketing (1986)
Howard Z. Price, M.A., University of Missouri, Assistant Professor, Journalism (1984)
Brian Pritschet, Ph.D., University of Illinois, Assistant Professor, Physical Education (1995)

Q

Gerald Quast, M.S.Ed., Eastern Illinois University, Instructor, Business Education (1995)
Martin Quigley, Ph.D., Louisiana State University, Assistant Professor, Botany (1995)
Theodore K. Quinn, Ph.D., University of Iowa, Associate Professor, English (1972)
James R. Quivey, Ph.D., Northern Illinois University, Professor, English* (1969)

R

David Radavich, Ph.D., University of Kansas, Professor, English (1984)
Terry L. Ramsey, M.S., Rochester Institute of Technology, Faculty Assistant, College of Sciences (1990)
Frederick Rauscher, Ph.D., University of Pennsylvania, Assistant Professor, Philosophy (1995)
Melanie Rawlins, Ph.D., University of Nebraska, Professor, Educational Psychology and Guidance (1978)
Ollie M. Ray, Ph.D., University of Utah, Professor, Health Studies (1990)
David Raybin, Ph.D., Columbia University, Professor, English (1981)
Mary (Ohl) Redden, M.S., Eastern Illinois University, Instructor, Physical Education (1989)
Alberta A. Reed, M.S., Chicago State University, Instructor, Mathematics (1990)
John D. Reed, Ph.D., Southern Illinois University, Professor, Journalism (1972)
Kathleen Reed, M.A., Eastern Illinois University, Instructor, Speech Communication (1993)
Denise Rehm-Mott, M.F.A., Indiana University, Professor, Art (1984)
Linda M. Reven, Ph.D., Ohio University, Associate Professor, Early Childhood, Elementary, and Middle Level Education (1990)
Barry D. Riccio, Ph.D., University of California, Berkeley, Associate Professor, History (1991)
Richard Riccio, M.A., University of Arizona, Instructor, History (1995) (Part-time)
Cynthia Rich, M.A., Murray State, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1995) (Part-time)
Gail Richard, Ph.D., Southern Illinois University, Professor, Communication Disorders and Sciences (1981)
Ray E. Richardson, M.S., Eastern Illinois University, Instructor, Technology (1987)
Leta Ridgeway, Ed.S., Eastern Illinois University, Associate Professor, Library (1971)
Carol P. Ries, Ph.D., University of Illinois, Professor, Family and Consumer Sciences (1985)
Deanne Riess, Ph.D., Indiana State University, Assistant Professor, Student Teaching (1995)
Bobette Rife-Meeker, M.A., Eastern Illinois University, Instructor, Speech Communication (1993)
Dana J. Ringuette, Ph.D., University of Washington, Associate Professor, English (1990)
Glenn Robinson, M.A., Ball State University, Associate Professor, Journalism (1986)
Ferne M. Rogers, M.A.\M.S., Eastern Illinois University, Instructor, Speech Communication/ Zoology (1981)
Gregory S. Ronsse, Ph.D., Kansas State University, Associate Professor, Mathematics (1984)
Jane M. Rood, M.A., Eastern Illinois University, Instructor, Mathematics (1978)
Peggy M. Ropiequet, B.S., Illinois State University, Instructor, Secondary Education (1994) (Part-time)
Ira Rosenholtz, Ph.D., University of Wisconsin, Professor, Mathematics (1990)
Christie L. Roszkowski, J.D., University of Illinois, Associate Professor, Management/ Marketing (1988)
Joy L. Russell, M.S.Ed., Eastern Illinois University, Instructor, Special Education (1985) (Part-time)
John M. Ryan, M.S., University of Illinois, Associate Professor, Journalism (1985)

S

Joseph M. Sain, B.A., Eastern Illinois University, Faculty Assistant, Theatre Arts (1977)
Annette J. Samuels, M.P.A., Harvard University, Assistant Professor, Journalism (1996)
George P. Sanders, D.M.A., University of Iowa, Professor, Music (1964)
J.W. Sanders, Ed.D., University of New Mexico, Professor, Physical Education (1970)
Steven J. Scher, Ph.D., Princeton University, Assistant Professor, Psychology (1996)
Wolfgang T. Schlauch, Ph.D., University of Freiburg, Professor, History (1969)
Rosemary Schmalz, Ph.D., Florida State University, Professor, Mathematics (1987)
Joan K. Schmidt, M.S.Ed., Northern Illinois University, Assistant Professor, Physical Education (1970)
Sandra K. Schroeder, Ph.D., Indiana State University, Assistant Professor, Student Teaching (1990)
William J. Searle, Ph.D., Purdue University, Professor, English (1976)
Nida Sehweil-Elmuti, M.S., Eastern Illinois University, Instructor, Zoology (1993)
Richard G. Seitz, M.L.S., University of Illinois/M.A., University of Washington, Assistant Professor, Library (1994)
June Shanholtzer, M.S.Ed., Eastern Illinois University, Instructor, Mathematics (1982)
Kathlene S. Shank, Ph.D., University of Illinois, Professor, Special Education* (1970)
Daniel J. Sheeran, Ph.D., University of Kansas, Assistant Professor, Chemistry (1991)
Anita K. Shelton, Ph.D., University of Washington, Associate Professor, History* (1988)
Timothy A. Shonk, Ph.D., University of Tennessee at Knoxville, Associate Professor, English (1981)
Richard J. Sidwell, Ph.D., University of Utah, Professor, Economics (1970)
Sheila Simons, M.S., Eastern Illinois University, Instructor, Health Studies (1992)
Jeanne H. Simpson, D.A., Illinois State University, Professor, English (1981)
John M. Simpson, Ph.D., University of Texas at Austin, Professor, English (1975)
James L. Slavik, Ph.D., Florida State University, Associate Professor, Family and Consumer Sciences (1987)
Marlene Slough, M.L.S., University of Missouri - Columbia; M.A., Eastern Illinois University, Instructor, Library Services (1993)
William Slough, Ph.D., Washington State University, Associate Professor, Mathematics (1992)
Nora Small, Ph.D., Boston University, Assistant Professor, History (1995)
Allen W. Smith, Ph.D., Indiana University, Professor, Economics (1970)
Betty Smith, Ph.D., University of Buffalo, Assistant Professor, Geology/Geography (1995)
Calvin N. Smith, Ph.D., Purdue University, Professor, Speech Communication (1965)
Christopher Smith, M.M., University of Michigan - Ann Arbor, Assistant Professor, Music (1993)
Don G. Smith, Ph.D., Southern Illinois University, Associate Professor, Secondary Education and Foundations (1990)
Lauren B. Smith, Ph.D., University of Iowa,

Assistant Professor, English (1994)
William A. Smith, Adv. Cert. in Educ., University of Illinois, Associate Professor, Leisure Studies (1978)
Donald W. Smitley, Ed.D., University of Illinois, Professor, Educational Administration (1970)
Jean M. Smitley, M.S., Eastern Illinois University, Assistant Professor, Communication Disorders and Sciences (1991)
Walter Sorge, Ed.D., Columbia University, Professor, Art (1970)
Norman R. Spencer, Ph.D., University of Illinois, Assistant Professor, Foreign Languages (1988)
Walter B. Spencer, Ph.D., Baylor University, Professor, Psychology (1971)
Cheryl L. Sputa, M.A., Ball State University, Assistant Professor, Psychology (1996)
Shirley Staske, Ph.D., University of Illinois, Associate Professor, Speech Communication (1995)
Paul Stephen, M.S., University of Southern California - Los Angeles, Instructor, Computer Operations and Management (1996) (Part-time)
Veronica P. Stephen, Ph.D., University of Illinois, Associate Professor, Early Childhood, Elementary, and Middle Level Education (1990)
Grant C. Sterling, Ph.D., University of Iowa, Assistant Professor, Philosophy (1990)
Robert W. Sterling, M.S.Ed., Eastern Illinois University, Associate Professor, History (1956)
Carol D. Stevens, Ph.D., Bowling Green State University, Professor, English (1981)
Lester Stoner, B.S., Eastern Illinois University, Instructor, Geography/Geology (1993)
Leonard Storm, Ph.D., University of Illinois, Professor, Physics (1979)
Clifford E. Strandberg, Ed.D., Texas A & M University, Professor, Technology (1965)
James F. Stratton, Ph.D., Indiana University, Professor, Geology/Geography (1975)
Duangrudi Suksang, Ph.D., University of Iowa, Associate Professor, English (1989)
Kathryn Summers, Ed.D., Illinois State University, Assistant Professor, Special Education (1995)
L. Donald Sundheim, M.A., University of Minnesota, Associate Professor, Foreign Languages (1968)
Nackil Sung, M.L.S., Seoul National University\M.S., University of Texas, Assistant Professor, Library (1994)
Ronald I. Sutliff, Ph.D., Purdue University, Professor, Technology (1985)
Kenneth R. Sutton, Ph.D., University of New Mexico, Professor, Secondary Education and Foundations (1970)
Richard Swartzbaugh, Ph.D., The Ohio State University, Assistant Professor, Sociology/ Anthropology (1972)
Paul V. Switzer, Ph.D., University of California, Assistant Professor, Zoology (1996)
Stephen R. Swords, Ph.D., University of Colorado, Associate Professor, English (1990)
Richard A. Sylvia, Ph.D., New York University, Associate Professor, English (1986)

T

Henry A. Taitt, Ph.D., University of Illinois, Professor, Early Childhood, Elementary, and Middle Level Education (1988)
Nancy P. Taitt, Ph.D., University of Illinois, Professor, Mathematics (1969)
Michele Tarter, Ph.D., University of Colorado, Assistant Professor, English (1995)
Herman D. Taylor, A. Mus.D., University of Michigan, Professor, Music* (1990)
Karen L. Taylor, Ph.D., Harvard University, Assistant Professor, Foreign Languages (1992)
William F. Thompson, Ph.D., University of Arkansas, Professor, Economics (1981)
Laurence C. Thorsen, Ph.D., University of Illinois, Professor, Political Science (1968)
Rebecca Throneburg, A.M., University of Illinois, Instructor, Communication Disorders and Sciences (1995)
James A. Tidwell, J.D., University of Louisville, Professor, Journalism (1987)
Charles Titus, M.A., Eastern Illinois University, Instructor, History (1972)
Morteza Toosi, Ph.D., Southern Illinois University, Professor, Technology (1986)
Donald C. Tracy, M.M., University of Michigan, Professor, Music (1968)
Shirley Treadway, M.S., Indiana State University, Instructor, Mathematics (1994)
Julie C. Tresnak-Dietz, Ph.D., University of Illinois, Associate Professor, Health Studies (1992)
Gordon C. Tucker, Ph.D., Duke University, Associate Professor, Botany (1996)

V

Mary E. Varble, Ph.D., Indiana State University, Associate Professor, Student Teaching* (1988)
Tammy F. Veach, M.A., Eastern Illinois University, Instructor, English (1988)
Peter M. Voelz, Ph.D., University of Michigan, Professor, Journalism (1978)

W

Christopher Waldrep, Ph.D., The Ohio State University, Associate Professor, History (1990)
Pamela J. Waldrep, M.L.S., University of Kentucky, Instructor, Booth Library
Barbara A. Walker, Ph.D., Southern Illinois University, Professor, Health Studies (1986)
C. Lankford Walker, Ph.D., University of Georgia, Associate Professor, Accountancy and Finance (1987)
Lida Wall, Ph.D., The Ohio State University, Dean, College of Sciences (1995)
Ronald G. Wallace, Ph.D., The Ohio State University, Professor, Geology/Geography (1970)
Carl M. Walworth, B.S., University of Illinois, Instructor, Journalism (1994) (Part-time)
Richard A. Wandling, Ph.D., Miami University, Associate Professor, Political Science (1987)
Tommy L. Waskom, Ph.D., Texas A & M University, Professor, Technology (1985)
Charles W. Watson, M.A., Western Kentucky State College, Assistant Professor, Technology (1965)
Jane P. Wayland, Ph.D., University of North Texas, Associate Professor, Management/ Marketing (1991)
Robert F. Wayland, Ph.D., University of North Texas, Associate Professor, Management/ Marketing (1991)
Jerie R. Weasmer, M.A., University of Iowa, Assistant Professor, English (1994)
Carl E. Weaver, M.S., University of Illinois, Instructor, Mathematics (1985)
Margaret L. Weaver, Ph.D., University of Illinois, Professor, Mathematics (1980)
John Weber, M.S., University of Missouri, Assistant Professor, Leisure Studies (1995)
William V. Weber, Ph.D., University of Kansas, Professor, Economics (1988)
Terry M. Weidner, Ph.D., The Ohio State University, Professor, Botany (1964)
Ralph B. Weller, Ph.D., University of Nebraska, Associate Professor, Management/Marketing (1983)
Jeremy Wheeler, B.S., Eastern Illinois University, Faculty Assistant, Chemistry (1994)
John A. Whisler, M.S.L.S., University of Iowa, Professor, Library (1981)
Karen L. Whisler, M.L.S., University of Hawaii, Assistant Professor, Library (1987)
Andrew White, M.S.Ed., Southern Illinois University - Edwardsville, Assistant Professor, Mathematics (1993)
Mark J. White, Ph.D., Rutgers University, Assistant Professor, History (1996)
Mary White, M.S.Ed., Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1994) (Part-time)
Richard A. White, Ed.D., University of Illinois, Professor, Early Childhood, Elementary, and Middle Level Education (1969)
Roger L. Whitlow, Ph.D., St. Louis University, Professor, English (1967)
Robert L. Whittenbarger, Ph.D., University of Wisconsin, Professor, Sociology/Anthropology* (1975)
Elizabeth Wilkins, Ph.D., Southern Illinois University-Carbondale, Assistant Professor, Secondary Education (1994)
Marilyn L. Wilkins, Ed.D., University of North Dakota, Professor, Business Education and Administrative Information Systems (1983)
John Willems, Ph.D., Indiana University, Assistant Professor, Computer and Operations Management (1993)
Erma Jean Williams, Ph.D., Southern Illinois University, Associate Professor, Student Teaching (1981)
Joseph Williams, Ph.D., Boston College, Assistant Professor, Psychology (1993)
Brenda Wilson, M.S., Auburn University, Assistant Professor, Communication Disorders and Sciences (1993)
Keith M. Wilson, Ph.D., Georgia State University, Associate Professor, Psychology (1991)
Michael D. Wilson, M.B.A., Eastern Illinois University, Instructor, Computer and Operations Management (1983)
Richard L. Wise, A.M., University of Illinois, Assistant Professor, Geology/Geography (1976)
Robert C. Wiseman, Ed.D., Indiana University, Professor, Technology (1958)
Mary D. Wohlrabe, Ed.D., Illinois State University, Professor, Journalism (1981)
Ronald T. Wohlstein, Ph.D., University of Illinois, Professor, Sociology/Anthropology (1970)
Keith Wolcott, Ph.D., University of Iowa, Professor, Mathematics (1988)
Deborah Wolf, Ph.D., University of Illinois, Associate Professor, Physical Education (1987)
David W. Wolski, M.F.A., Michigan State University, Associate Professor, Theatre Arts (1991)
Jean K. Wolski, Ph.D., Michigan State University, Assistant Professor, Theatre Arts (1992)
Gene K. Wong, M.S., University of Calgary, Assistant Professor, Zoology (1996)
M. Thomas Woodall, Ph.D., The University of Iowa, Professor, Physical Education (1965)
Deborah A. Woodley, Ph.D., University of

Illinois, Associate Professor, Technology (1986)
Susan Woods, Ph.D., Southern Illinois University - Carbondale, Professor, Health Studies (1976)
Loretta Kaye Woodward, Ed.D., University of Arkansas, Associate Professor, Family and Consumer Sciences (1986)
Carolyn S. Woolever, M.S., Eastern Illinois University, Instructor, Family and Consumer Sciences (1994)
Charles W. Wootten, D.B.A., Mississippi State University, Professor, Accountancy and Finance (1988)

Y

Fred L. Yaffe, Ph.D., Howard University, Professor, Psychology* (1989)
Mary E. Yarbrough, M.A., Eastern Illinois University, Instructor, Theatre Arts (1990)
Bailey Young, Ph.D., University of Pennsylvania, Associate Professor, History (1994)

Z

Anne R. Zahlan, Ph.D., University of North Carolina at Chapel Hill, Professor, English (1984)
Wei Rose Zhang, Ph.D., The Ohio State University, Assistant Professor, Secondary Education (1994)
U. Douglas Zimmerman, Ph.D., University of Missouri, Professor, Botany (1972)

Special Projects

Les Boucher, B.A., Knox College, Operations Manager, IOICC (1988)
J. Clark Esarey, Adv.C., University of Illinois, Program Consultant, Public Private Partnership Program (1979)
Dorothy M. Lawson, M.S.Ed., Eastern Illinois University, Program Coordinator, Public Private Partnership Program and Job Training Partnership Act (1979)
Becky S. Markwell, B.A., Eastern Illinois University, Acting Director, Traffic Safety Programs (1983)
Peter A. Sanders, Lecturer, Traffic Safety Programs (1991)
Jacqueline M. Schaefer, M.S., Eastern Illinois University, Assistant Director, Child Care Resource and Referral (1990)
Jan J. Staggs, M.S., Sangamon State University, Executive Director, IOICC (1980)
Michael L. Strader, B.S.Ed., Eastern Illinois University, Project Director, Peace Meal (1976)

Adjunct Faculty in Medical Technology

Philip H. Bousley, M.A., M.T. (ASCP), Instructor (1986)
Jo Ann Denaro, B.S., M.T. (ASCP), Lecturer (1990)
Michael Hayes, M.D., Professor (1995)
David M. Johnson, M.D., Professor (1992)
Barbara Jean Kretzer, M.A., M.S., M.T. (ASCP), Instructor (1986)
Robert E. Lee, M.D., Professor (1995)
Mark C. Mills, M.D., Professor (1986)
Claudette Millstead, EdD, M.T. (ASCP), Instructor (1996)
Cathy Moewe, M.S., M.T. (ASCP) CLS (NCA), Instructor (1986)
Connie Myers, M.S., M.T. (ASCP), Instructor (1986)
Gilma Roncancio, M.S., M.T. (ASCP), Lecturer (1988)
Myron E. Rubnitz, M.D., Professor (1991)
Paul A. Rusnack, M.D., Professor (1994)
Jacqueline S. Streid, M.Ed., M.T. (ASCP), Instructor (1992)
Steven Tietelbaum, M.D., Professor (1996)
Donald Van Fossan, M.D., Professor (1986)
Donna Wray, M.T. (ASCP) CLA(NCA), Lecturer (1991)

Adjunct Faculty in Communication Disorders and Sciences

Kathy Barskus, Instructor (1995)
Carmin Bartow, Instructor (1996)
Melissa Bostwick, Instructor (1993)
Donna Brezinka, Instructor (1995)
Kathy Brown, Instructor (1995)
Vicki Burke, Instructor (1996)
Carol Burt, Instructor (1996)
Cynthia Chicouris, Instructor (1996)
Cara Clark, Instructor (1996)
Deb Crotser, Instructor (1993)
Linda DeFrates, Instructor (1995)
Jane DesJardins, Instructor (1989)
Colleen Duffin, Instructor (1995)
Thomas W. Edwards, Instructor (1996)
Lisa England, Instructor (1995)
Barb Falat, Instructor (1996)
Barbara Ferracane, Instructor (1996)
Cheri Fraker, Instructor (1995)
Theresa Gager, Instructor (1996)
Lisa Galloway, Instructor (1992)
Jennifer Gibson-Smith, Instructor (1996)
Barb Gotthardt, Instructor (1996)
Monica Grant, Instructor (1993)
Richard Graves, Instructor (1993)
Kimberley Hamilton-Ross, Instructor (1996)
Shelly Henson, Instructor (1995)
Jennifer Hoben, Instructor (1996)
Debbie Hovey, Instructor (1996)
Jodi Junker, Instructor (1996)
Heidi Kammerer, Instructor (1996)
Sandra Karthas, Instructor (1996)
Debbie Kaufman, Instructor (1996)
Joyce Kersner, Instructor (1996)
Kurt Krueger, Instructor (1996)
Jenette Kruz, Instructor (1996)
Marcie Kurth-Miller, Instructor (1996)
Callie Ludwig, Instructor (1995)
Pam McCammon, Instructor (1995)
Chrispin Melloh, Instructor (1996)
Michele Mikita, Instructor (1996)
Matt Mitchell, Instructor (1996)
Kim Morris, Instructor (1996)
Lisa Nally, Instructor (1996)
Brenda Newlin-Stevens, Instructor (1995)
Janice Puhl, Instructor (1996)
Mary Jo Qualter, Instructor (1996)
John Rakestraw, Instructor (1995)
Jacquie Reed, Instructor (1996)
Luana Rhodes, Instructor (1995)
Susan Roberts, Instructor (1996)
Gay Ruddock, Instructor (1996)
Dana Rusher, Instructor (1995)
Ellen Sanders, Instructor (1996)
Candice Shea, Instructor (1996)
Jody Semanik, Instructor (1996)
Erin Shelley, Instructor (1996)
Angela Simpson, Instructor (1996)
Barbara White, Instructor (1993)

EMERITUS FACULTY

PRESIDENTS

Gilbert C. Fite, Ph.D.
Daniel E. Marvin, Jr., Ph.D.
Stanley G. Rives, Ph.D.

VICE PRESIDENTS

Barbara Hill, Ph.D., Academic Affairs
Peter R. Moody, Ph.D., Academic Affairs
Martin Schaefer, Ph.D., Administrative Affairs
Glenn D. Williams, Ph.D., Student Affairs
William H. Zeigel, Ph.D., Administrative Affairs

PROFESSORS

Dewey H. Amos, Ph.D.
Leslie T. Andre, D. Pol.
Richard D. Andrews, Ph.D.
David P. Appleby, Ph.D.
Charles B. Arzeni, Ph.D.
D. Ferrel Atkins, Ph.D.
Alan R. Aulabaugh, Ph.D.
Zeno E. Bailey, Ph.D.
Robert N. Barger, Ph.D.
Sharon Bartling, Ph.D.
Mary A. Bialek, M.Ed.
Fred Bouknight, Ed.D.
Marvin Breig, Ph.D.
James M. Brinkman, Ed.D.
Ewen L. Bryden, Ph.D.
William F. Buckellew, Ed.D.
William A. Butler, Ph.D.
Joseph E. Carey, Ed.D.
Robert A. Carey, P.E.D.
Dayton K. Chase, Ed.D.
William M. Cloud, Ph.D.
H. Logan Cobb, Ph.D.
Harold G. Coe, Ph.D.
Wayne D. Coleman, D.Ed.
William Colvin, Ed.D.
Joseph T. Connelly, Ed.D.
Lewis H. Coon, Ed.D.
George Cooper, Ph.D.
Delmar Crabill, Ph.D.
M. Marise Daves, Ed.D.
Alphonso J. DiPietro, Ph.D.
Ernest E. Dolson, Ph.D.
Earl Doughty, Ph.D.
Dale Downs, Ed.D.
Leonard Durham, Ph.D.
Hannah Eads, Ed.D.
John Ebinger, Ph.D.
Snowden L. Eisenhour, Ph.D.
Thomas L. Elliott, Ed.D.
Clifford Erwin, D.Ed.
Clifford Fagan, Ph.D.
Max Ferguson, Ph.D.
M. Lorraine Flower, Ph.D.
Thomas W. Floyd, Ed.D.
E.G. Gabbard, Ph.D.
Lucina P. Gabbard, Ph.D.
Walter C. Garland, Ph.D.
Donald P. Garner, Ph.D.
James F. Giffin, Ph.D.
Michael Goodrich, Ph.D.
Richard Goodrick, Ph.D.
Timothy Gover, M.S.
Louis M. Grado, Ph.D.
Carl Green, Ed.D
William E. Green, Ph.D.
Raymond V. Griffin, Ed.D.
John C. Guckert, Ph.D.
Kenneth E. Hadwiger, Ph.D.
Robert Hancock, Ph.D.
Burton E. Hardin, D.M.Ed.
Dorothy M. Hart, Ph.D.
Evelyn Haught, Ph.D.
Robert Hennings, Ph.D.
Billy Heyduck, D.Ed.
Arthur Hoffman, Ph.D.
Janet M. Hooks, Ph.D.
Nai-chao Hsu, Ph.D.
Lawrence B. Hunt, Ph.D.
Robert W. Hussey, Ed.D.
Bill V. Isom, M.S.Ed.
Ann E. Jackson, D.Ed.
Kathleen H. Jenkins, Ed.S.
June Johnson, D.M.A.
Annie Lee Jones, Ph.D.
George H. Jones, D.Phil.
Robert H. Karraker, Ph.D.
Tom Katsimpalis, Ed.D.
John J. Kelleher, Ph.D.
E. Chenault Kelly, D.Ed.
Leo L. Kelly, Ph.D
Ha Poong Kim, Ph.D.
Paul F. Kirby, Ph.D.
Walter A. Klehm, Ed.D.
Judd Kline, Ph.D.
Verne Kniskern, Ph.D.
Cary I. Knoop, M.F.A.
James W. Krehbiel, Ph.D.
June M. Krutza, Ph.D.
Harry R. Larson, Ed.D.
Walter S. Lazenby, Jr., Ph.D.
John W. LeDuc, Ph.D.
Maurice C. Libbey, M.S.L.
Inez B. Livingston, Ph.D.
Walter S. Lowell, Ed.D.
Fredrick W. MacLaren, Ph.D.
John N. Maharg, D.Ed.
Harold A. Malehorn, Ph.D.
John W. Masley, Ed.D.
Gerhard C. Matzner, Ph.D.
David Maurer, Ph.D.
Jaime A. Maya, Ph.D.
Beryl F. McClerren, Ph.D.
Walter H. McDonald, Ph.D.
William P. McGown, Ph.D.
F. Raymond McKenna, Ed.D.
Robert Meier, Ph.D.
John Mertes, D.B.A.
Roy A. Meyerholtz, Ed.D.
Elizabeth Michael, Ph.D.
Martin M. Miess, Ph.D.
Al R. Moldroski, M.A.
Donald L. Moler, Ph.D.
Shirley Moore, Ph.D.
Herbert O. Morice, Ed.D.
Byron E. Munson, Ph.D.
Howard F. Nelms, Ed.D.
Lawrence R. Nichols, Ph.D.
Janet Norberg, Ph.D.
John T. North, Ph.D.
Geraldina Ortiz-Muniz, Ph.D.
Marie Ovcharenko, Ph.D.
Paul D. Overton, Ed.D.
Stuart Penn, Ph.D.
Harry E. Peterka, Ph.D.
Nicholas C. Petridis, Ph.D.
Raymond Plath, Ph.D.
Dalias A. Price, Ph.D.
Mushfequr Rahman, Ph.D.
Evelyn N. Ransom, Ph.D.
Mary Jo Read, Ph.D.
John J. Rearden, Ph.D.
Jack J. Richardson, Ph.D.
Bill T. Ridgeway, Ph.D.
Garland Riegel, Ph.D.
Foster C. Rinefort, Ph.D.
John L. Roberts, Ph.D.
James H. Robertson, Ed.D.
Donald L. Rogers, Ed.D.
Richard E. Rogers, Ph.D.
George Rommel, Ph.D.
Robert E. Saltmarsh, Ed.D.
Karen J. Sanders, M.M.
Rosanne B. Sanders, Ed.D.
Lahron Schenke, Ed.D.
George Schlinsog, D.Ed.
Carol Schmudde, Ph.D.
Gene Scholes, Ph.D.
William W. Scott, Ph.D.
Marion Shuff, Ed.D.
Robert Shuff, Ph.D.
Catherine Smith, D.Mus.
P. Scott Smith, Ph.D.
Robert J. Smith, Ph.D.
Ruby Smith, Ph.D.
Robert E. Snyder, Ph.D.
Robert B. Sonderman, Ed.D.
Roland D. Spaniol, Ph.D.
John M. Speer, Ph.D.
Ray Stapp, D.Ed.
Sidney R. Steele, Ph.D.
M. Lee Steinmetz, Ph.D.
Frank C. Stokes, Ph.D.
Sue B. Stoner, M.S.Ed.
Alice C. Stoughton, M.S.
Francis E. Summers, Ed.D.
Charles Switzer, Ph.D.
Mary Ruth Swope, Ed.D.
Virginia Tefft, Ed.D.
Daniel E. Thornburgh, Ed.D.
Wayne L. Thurman, Ph.D.
Donald F. Tingley, Ph.D.
Lynn E. Trank, Ph.D.
Clayton Tucker-Ladd, Ph.D.
Robert Waddell, Ph.D.
John Walstrom, Ph.D.
Paul L. Ward, Ph.D.
Robert W. Weidner, Ph.D.
Nancy Weiler, Ph.D.
William A. Weiler, Ph.D.
George S. Westcott, Ph.D.
Edwin A. Whalin, Ph.D.
Robert F. White, Ph.D.
Wesley C. Whiteside, Ph.D.
L. Stephen Whitley, Ph.D.
Carl Wilen, M.F.A.
Verna D. Wittrock, Ph.D.
Leonard Wood, Ph.D.
Harriet Yingling, Ed.D.
Robert Zabka, Ph.D.
Gary L. Zwicky, D.M.A.

ASSOCIATE PROFESSORS

Dennis W. Aten, M.S.Ed.
Wesley E. Ballsrud, M.A.
Daniel J. Bolin, M.S.Ed.
Edward P. Colbert, Ph.D.
Francis Craig, Ph.D.
Carleton E. Curran, Ph.D.
Joyce E. David, M.S.Ed.
Patrick J. Docter, Ph.D.
Walter L. Elmore, M.A.
C. Dan Foote, Ph.D.
Delbert D. Foust, Adv.C.
Norma C. Green, Adv.C.
Julian Hamerski, Ph.D.
Bertrand P. Holley, M.A.
William S. James, Ph.D.
Samuel Jenkins, Ph.D.
Robert W. Jordan, Ph.D.
Raymond Koch, Ph.D.
Oren Lackey, M.S.
Floyd A. Landsaw, Ed.D.
Ronald M. Leathers, M.S.
Maurice W. Manbeck, Ph.D.
William J. McCabe, M.A.
John E. P. Mullally, Ph.D.
Jack E. Murry, Ed.D.
Charles E. Pettypool, M.A.
Gerald G. Pierson, M.S.Ed.
Anola E. Radtke, M.M.
Phyllis L. Rearden, C.A.S.
Wanda E. Ruyle, Adv.C.
John E. Schaefer, M.S.
Mary Elizabeth Scott, M.S.L.S.
Phillip M. Settle, M.F.A.
Maurice D. Shepherd, M.A.T.
Gayle G. Strader, M.S.Ed.
Frank S. Taylor, Ph.D.
Jumuna Bai Vittal, Ph.D.
Stuart Vincent, M.S.Ed.
Roger Glen Wiley, M.A.
Gilbert E. Wilson, Ph.D.
Marina Yu, Ed.S.

ASSISTANT PROFESSORS

Betty J. Campbell, Ph.D.
George M. Colby, M.A.
Dorothy Lee Countryman, A.M.
Laurence E. Crofutt, A.M.
Richard L. Crouse, M.A.
Rex Darling, Dir. P.E.
Helen Devinney, A.M.
Betty L. Dodson, M.A.
Donald Dolton, M.A.
Genevra Dvorak, M.S.Ed.
Patricia A. Flaugher, M.S.
Frank Fraembs, M.S.
Gerald L. Gossett, M.S.
Marguerite E. Green, M.P.H.
Waldo Grigoroff, M.S.Ed.
Charles R. Harrison, M.A.
Edith M. Hedges, M.S.
Frank H. Hedges, M.S.
Harold L. Hillyer, M.M.
Virginia W. Hyett, A.M.
M. Marjorie Lanman, M.S.Ed.
Eleanor McCabe, Ph.D.
Frances McColl, M.A.
Betty G. Muller, M.A.
Marilyn S. Oglesby, M.S.Ed.
Harold O. Pinther, M.S.
Ruth S. Queary, M.S.Ed.
Kathryn W. Robertson, M.S.Ed.
Virginia Tate, M.S.Ed.
Robert C. Timblin, A.M.
Clarence B. Wible, M.L.
Endre Zonger, M.A.

INSTRUCTORS

Patricia Dougherty, M.A.
Pauline Galbreath, M.S.L.S.
Mildred Hofacker, M.A.
Lottie Leeds, M.S.Ed.

FACULTY ASSISTANT

Charles F. Tucker, B.S.Ed.

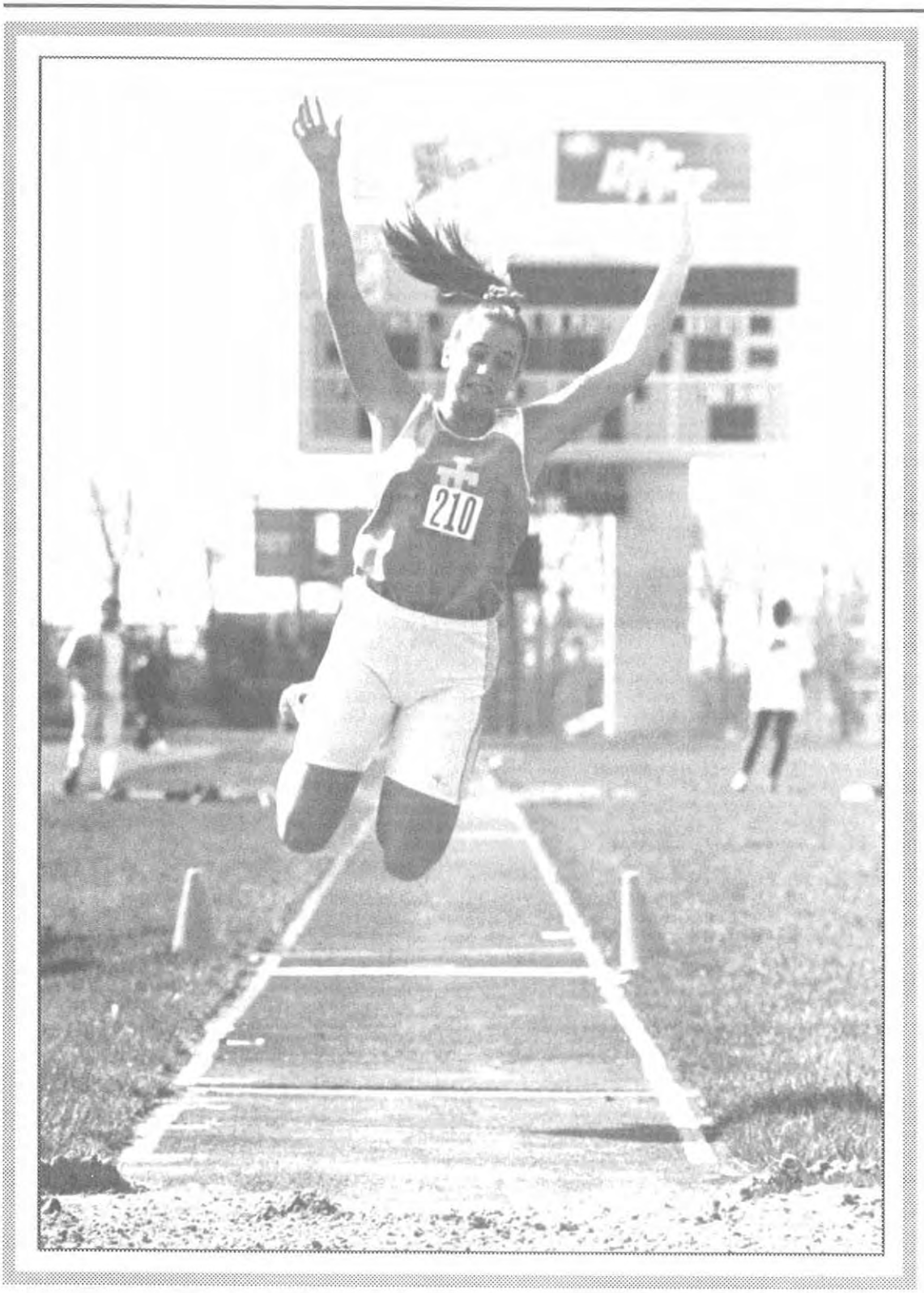
ADMINISTRATORS

Everett R. Alms, Director, Physical Plant
Eulalee Anderson, M.S.Ed., International Student Advisor

Josephine C. Barger, M.A., Academic Advisor, Academic Assistance Center
Herbert C. Bartling, Ph.D., Director, Testing Services
Herbert L. Brooks, B.S.Ed., Director, Veterans Services
Calvin B. Campbell, Adv. C., Director, Academic Assistance Center
Donald R. Carmichael, M.F.S., Director, Tarble Arts
Murray R. Choate, M.S.Ed., Assistant Director, Admissions
Maxine Clayton, Administrative Assistant to the President
John H. Conley, M.S.Ed., Registrar
Joyce Crouse, Ph.D., Assistant Dean, School of Home Economics
Leonard Durham, Ph.D., Associate Dean, College of Liberal Arts and Sciences
George Hackler, M.S.Ed., Inventory Supervisor
Dorothy M. Hart, Ph.D., Assistant to Dean, College of Health, Physical Education and Recreation
Jerry D. Heath, M.D., Director of Health Service
Kenneth E. Hesler, M.S.Ed., Director, University Relations
Janet F. Holley, Ed.S., Director, Community College Relations
William G. Hooper, M.S.Ed., Director, Academic Advisement
Vaughn Jaenike, Ed.D., Dean, College of Fine Arts
James E. Johnson, M.A., Assistant Dean, Student Personnel Services
Charles L. Joley, Ed.D., Dean, College of Education and Professional Studies
Robert E. Jones, M.S., Assistant Director of Placement
Paul F. Kirby, Ph.D., Assistant Dean, College of Liberal Arts and Sciences
Walter A. Klehm, Ed.D., Dean of the School of Industrial Arts and Technology
James F. Knott, Ed.D., Director, Career Planning and Placement
Lois M. Kramer, M.A., Assistant, Financial Aid
Jon M. Laible, Ph.D., Dean, College of Sciences
Ronald M. Leathers, M.S., Assistant Dean, College of Education and Professional Studies
Ross C. Lyman, M.S., Director of Financial Aid
James E. Martin, M.A., Registrar, Records Office
Edwin McCawley, Assistant Director of University Union
Thomas E. McDevitt, M.A., Academic Advisor, Academic Assistance Center
Donald L. McKee, M.A.T., Director, Off-Campus Academic Services
Sue Sparks McKenna, M.S.Ed., Director of Financial Aid
William D. Miner, Ph.D., Director of Veterans Services
Neil E. Moore, M.S.Ed., Head Men's Track Coach
Shirley Moore, Ph.D., Dean of Academic Development
John Morrisey, M.S.Ed., Budget Officer, Budget Office
Shirley W. Neal, Ph.D., Director, Board of Governors B.A. Program
James Pfeiffer, B.A., Director of Personnel
Harrison Read, B.S.Ed., Director, Information and Publication
Claud D. Sanders, Ed.D., Director, Counseling Center
Edward S. Sawtelle, B.A., Director, Personnel & Employee Relations
Donald L. Schaefer, M.S.Ed., Assistant Director, Career Planning and Placement
Phillip M. Settle, M.F.A., Assistant to Dean, Collge of Fine Arts
Arthur L. Snider, M.S., Academic Advisor, Academic Assistance Center
Paula Snyder, B.S., Academic Advisor, Family and Consumer Sciences
Beverly K. Sterling, M.S.Ed., Director, Residence Hall Food Service
Charles Switzer, Ph.D., Assistant Vice President for Academic Affairs and Director, Summer School
Mary Ruth Swope, Ed.D., Dean of the School of Home Economics
B. J. Szerenyi, D.P.S., Director, Booth Library
Samuel J. Taber, Ph.D., Dean, Student Academic Services
Orlia A. Tate, M.A., Director of Publications
Daniel E. Thornburgh, Ed.D., Director, Special and Centennial Events
Vanlou P. Trank, M.S., Academic Advisor, Academic Assistance Center
Leyla Waddell, M.A., Faculty Assistant, Library
Robert Weidhuner, B.S., Manager, Administrative Services
L. Stephen Whitley, Ph.D., Director of General Education and Senior Seminar
Larry J. Williams, Ph.D., Dean, Graduate School and Research
Norma J. Winkleblack, B.A., Administrative Assistant to the President
Robert Winkleblack, M.S.Ed., Academic Advisor, Academic Assistance Center
Marion "Jake" Zane, M.S., Associate Vice President, Business Services, and Treasurer

XIII

Index



A

Academic Assistance, 40
Center, 14
Academic Dismissal, 45
Academic Integrity, 45
Academic Load, 45
Academic Probation, 45
Academic Regulations and Requirements, 42
Academic Services, 14
Academic Standing, 44
Academic Warning, 45
Accountancy Course Descriptions, 108
Accounting Major, B.S. in Business, 71
Accreditation, 10
Activity Fee, 20
Administrative Information Course Descriptions, 109
Administrative Information Systems Major, 71
Administrative Officers, 8, 175
Admissions, 37
Minority Program, 38
Adult Student, 103
of International Graduate Students, 38
of International Undergraduate Students, 38
Policies, 37
Procedures, 39
Provisional, 37
to the Business Program, 70
to Teacher Education, 79
Adult Education, (see Adult and Continuing Education), 103
Advanced Placement Tests, 42
Affirmative Action Office, 15
Statement, Inside frontcover
African-American Studies Course Descriptions, 109
African-American Studies Major, 60
African-American Studies Minor, 60
Alternate Secondary Education Program (ASEP), 79
Alumni Association, 10
Americans With Disabilities Act, Inside front cover
Anthropology Course Descriptions, 110
Anthropology Minor, 100
Application, Admission to Teacher Education, 79
Application, Assignment for Teaching Practicum, 80
Application for Degree Requirements Review, 48
Art Course Descriptions, 110
Art Major, Graphic Design Option, 60
Art Major, Studio Art Option, 60
Art Major, Teacher Certification Option, 61
Art Minor, 61
Art and Humanities Course Descriptions, 113
Assessment, 47
Assistantships, Graduate, 106
Attendance, Class, 46
Auditing of Courses, 46
Auditions, Music, 64
Awards, University, 24

B

Bachelor's Degree, Requirements for, 47
Beginning Freshmen, 37
Biological Sciences Course Descriptions, 113
Biological Sciences with Teacher Certification, 92
Board of Governors Degree, 103
Book Rental and Sales, 15
Booth Library, 14
Botany Course Descriptions, 113
Botany Major, 92
Botany Major, Honors Program, 92
Botany Minor, 92
Business Administration Minor, 73
Business Course Descriptions, 115
Business Education Course Descriptions, 115
Business Education Major, 71
Business Education Minor, 72
Business Honors Program, 71

C

Calendar, University, 5
Campus Map, 2
Career Occupations Course Descriptions, 115
Career Occupations Major, 74
Career Planning and Placement, 15
Catalog of Entry, 48
Certification, Teacher, 78
Chemistry Course Descriptions, 116
Chemistry Major, 92
Chemistry Major, Honors Program, 93
Chemistry Major, Teacher Certification Option, 93
Chemistry Minors, 93
Class Attendance, 46
Classification of Students, 44
Clubs, Departmental, 13
College Level Examination Program, 42
College of Arts and Humanities, 59
College of Business and Applied Sciences, 69
College of Education and Professional Studies, 77
College of Sciences, 91
College of Sciences Course Descriptions, 118
College Work Study Program, 35
Commencement, 48
Communication Disorders and Sciences Course Descriptions, 118
Communication Disorders and Sciences Major, 93
Community Health Minor, 85
Computer and Operations Management Course Descriptions, 119
Computer Management Major, 72
Conduct Code, inside front cover
Conferences, 103
Continuing Education, 103
Continuing Education, Fees for, 103
Correspondence Courses, Credit for, 42
Counseling Center, 14
Course Descriptions,
Accountancy, 108
Administrative Information Systems, 109
African-American Studies, 109
Anthropology, 110
Art, 110
Arts and Humanities, 113
Biological Sciences, 113
Botany, 113
Business, 115
Business Education, 115
Career Occupations, 115
Chemistry, 116
College of Sciences, 118
Communication Disorders and Sciences, 118
Computer and Operations Management, 119
Earth Science, 120
Economics, 121
Educational Administration, 122
Educational Foundations, 122
Educational Guidance, 123
Educational Psychology, 123
Elementary Education, 123
English, 124
Environmental Biology, 127
Family and Consumer Sciences, 127
Finance, 129
Foreign Languages, 130
French, 130
German, 131
Latin, 132
Russian, 132
Spanish, 132
Freshman Seminar, 133
General Studies, 133
Geography, 133
Geology, 134
German, 131
Health Communication, 136
Health Studies, 136
History, 137
Industrial Technology, 139
Information Services and Technology, 141
Journalism, 141
Junior High School Education, *(See Middle level Education, 148)*
Latin, 132
Latin American Studies, 143
Leisure Studies, 143
Management, 144
Marketing, 145
Mathematics, 145
Medical Technology, 148
Middle Level Education, 148
Military Science, 149
Music, 150
Philosophy, 153
Physical Education, 155
Physical Sciences, 157
Physics, 157
Political Science, 159
Psychology, 161
Recreation Administration, (see Leisure Studies), 143
Russian, 132
Secondary Education, 162
Senior Seminar, 163
Social Science, 165
Sociology, 165
Spanish, 132
Special Education, 166
Speech Communication, 168
Speech Pathology and Audiology, (see Communication Disorders and Sciences), 118
Student Leadership, 170
Student Teaching, 170
Study Abroad, 170
Theatre Arts, 170
Women's Studies, 172
Zoology, 172
Course Enrollment, 46
Course Repeating, 46
Creative Writing Minor, 62
Credit,
for Advanced Placement Tests, 42
for College-Level Examination Program Tests, 42
for Continuing Education Courses, 103
for Correspondence and Extension Courses, 42
for Courses in Other Colleges and Universities, 42
earned at Eastern Illinois University, 42
from a College taken while High School Student, 42
for Independent Study, 43
for Undergraduate Internship Experience, 43
for Military Service, 42
by Proficiency Examinations, 42
Credit/No Credit Option, 43
Cultural Diversity Statement, Opposite front cover

D

Dean's List, 45
Declaring a Major, 43
Degree Programs, 56
Degrees with Distinction, 48
Departmental Honors, 44
Departmental Clubs, 13
Disability Services, 14
Dismissal, Academic, 45
Distance Learning, 104
Dual Certificates, 89

E

Early Childhood Education, Major, 82
Early Registration, 23
Earth Science Course Descriptions, 120
Earth Science Minors, 96
Eastern Illinois University Foundation, 10
Economics Course Descriptions, 121
Economics Major, 94
Economics Majors, Honors Program, 94
Economics Major, International Studies Option, 94
Economics Minor, 94
Educational Administration Course Descriptions, 122
Educational Foundations Course Descriptions, 122
Educational Guidance Course Descriptions, 123
Educational Psychology Course Discriptions, 123

Elementary Education Course Descriptions, 123
Elementary Education Major, 82
General Option, 82
Middle School Option, 83
Emergency Loan Fund, 33
Emeritus Faculty, 185
Employment, Student, 35
Engineering Major, Cooperative Degree, 94
English Course Descriptions, 124
English Major, 61
English Major, Honors Program, 61
English Major, Teacher Certification Options, 61
English Minors, 61
Enrollment Procedures, 40
Environmental Biology Course Descriptions, 127
Environmental Biology Major, 95
Expenses, 18

F

Faculty, 175
Family and Consumer Sciences Course Descriptions, 127
Family and Consumer Sciences Major, Dietetics Option, 73
Family and Consumer Sciences Major, Business Option, 73
Family and Consumer Sciences Major, Family Service Option, 73
Family and Consumer Sciences Major, Honors Program, 73
Family and Consumer Sciences Major, Teacher Certification Option, 74
Family and Consumer Sciences Minors, 74
Federal Educational Opportunity Grants, 35
Federal ROTC Scholarships, 24
Fees, 20, 22
Field Trips, 46
Fields of Study, 56
Final Examination Changes, 46
Finance Course Descriptions, 129
Finance Major, 72
Financial Aid, 23
Foreign Languages Course Descriptions, 130
Foreign Languages Major, 62
Foreign Languages Major, Honors Program, 62
Foreign Languages Minors, 62
Foreign Language Placement, 130
Forensics, 13
Foundation Awards, 24
Fraternities, Social, 13
French Course Descriptions, 131
French Major, Teacher Certification Option, 62
French Minors, 62
Freshman Seminar, 133

G

Gateway Program, 38
General Education, 51
Cultural Experience Courses, 51
Foreign Language Courses, 51
Foundations of Civilization Courses, 52
Human Behavior, Social Interaction and Well-Being Courses, 52
Language Courses, 52
Quantitative Reasoning and Problem Solving Courses, 52
Scientific Awareness Courses, 53
Senior Seminar Courses, 53
United States Constitution Courses, 54
General Education Requirements, 51
General Information, 10
General Services, 15
General Studies Course Descriptions, 133
Geography Course Descriptions, 133
Geography Major, 95
Geography Major, Honors Program, 95
Geography Minors, 95
Geology Course Descriptions, 134
Geology Major, 96
Geology Major, Honors Program, 96
Geology Minor, 96
German Course Descriptions, 131
German Minors, 62
Good Standing, 45
Grade Appeals, 44
Grade Point Average, 44
Grading Period, Definition of, 45
Graduate Degrees, (see also the Graduate Catalog), 106
Graduate School, (see also the Graduate Catalog), 106
Graduate Students, 38
Graduate Study in the Senior Year, 106
Graduates of Non-accredited High Schools, 38
Graduation, Application for, 48
Graduation Fee, 48
Graduation Honors, 47
Graduation Requirements, 47
Greek Court, Housing, 21

H

Handicapped Students, 14
Health Communication, Course Descriptions, 136
Health Communication Minor, 85
Health Studies Competency Examination Fee, 22
Health Studies, Course Descriptions, 136
Health Studies Major, Community Health Option, 84
Health Studies Major, Teacher Certification Option, 84
Health Studies Minor, 85
High School Enrollment, Concurrent, 38
High School Subject Requirements, 37
History Course Descriptions, 137
History Major, 63
History Major, Honors Program, 63
History Major, International Studies Option, 63
History Major, Teacher Certification Option, 63
History Minors, 63
History of the University, 10
Honors List, 45
Honors Programs, 44
Housing, Family/Graduate Student, 21
Housing Security Deposit, 21
Housing, University, Policies, 21

I

Illinois National Guard Scholarship, 24
Illinois Orphans Education Act, 34
Illinois State ROTC Scholarships, 24
Independent Study, 43
Industrial Technology Course Descriptions, 139
Industrial Technology Major, 75
Industrial Technology Major, Honors Program, 75
Industrial Technology Major, Manufacturing Technology Option, 75
Industrial Technology Minor, 75
Information Services and Technology Course Descriptions, 141
Institutes, 103
Instructional Staff, 175
Insurance, 16
Intercollegiate Athletics, 12
Interdisciplinary Programs, 101
Interfraternity Council, 13
International Students, Admission, 38
International Programs, 14
Internship Experience, 43

J

Journalism Course Descriptions, 141
Journalism Major, 64
Journalism Minors, 64

K

King, Martin Luther Jr., University Union, 12

L

Latin American Studies, Course Descriptions, 143
Latin American Studies Minor, 101
Latin Course Descriptions, 132
Leisure Studies Course Descriptions, 143
Library, Mary J. Booth, 14
Library Services, 14
Living Accommodations, 21
Load, Normal Academic, 45
Loans, 33
Location, 10

M

Majors, 56
Management Course Descriptions, 144
Management Major, 72
Map, Campus, 2
Marketing Course Descriptions, 145
Marketing Major, 72
Master of Arts and Master of Science Degrees, 106
Master of Business Administration, 106
Master of Science in Education Degree, 106
Mathematics Course Descriptions, 145
Mathematics Diagnostic Center, 14
Mathematics Major, 96
Mathematics Major, Teacher Certification Option, 96
Mathematics and Computer Science Major, 96
Mathematics Minors, 96
Maximum Load, 46
Medical Services, 16
Medical Technology Course Descriptions, 148
Medical Technology Major, 97
MIA/POW Scholarship, 34
Middle Level Education Course Descriptions, 148
Middle Level Education, Major, 85
Military Science Course Descriptions, 149
Military Science Minor, 76
Minor Student, 18
Minors, 56
Miscellaneous Fees, 22
Mission and Goals, 1
Music Auditions, 64
Music Course Descriptions, 150
Music Major, Jazz Studies Option, 65
Music Major, Performance Option, 65
Music Major, Teacher Certification Option, 66
Music Minors, 66
Music Organizations, 12
Music Recitals, 65

N

National Panhellenic Council, 13
Native Students, 37
New Student Orientation, 40
Non-Degree Programs, 57
Non-Discrimination, University Policy on, Inside front cover
Normal Load, 45

O

Office of Civil Rights, 15
Official Receipts, 22
Optional Catalog Requirements, 4, 48
Oral English Proficiency, 47
Organization of the University, 10
Orientation, New Students, 40
Overload, 46
Overload Fees, 20

P

Panhellenic Council, 13
Parents Club, 10
Part-time Student Fees, 20
Pell Grant, 35
Penalty for Returned Checks, 22
Perkins Loan Fund, 35
Philosophy Course Descriptions, 153
Philosophy Major, 67
Philosophy Major, Honors Program, 67
Philosophy, Minor, 67
Physical Education Clothing and Towel Rental Policy, 22
Physical Education Course Descriptions, 155
Physical Education Major, 86
Physical Education Major, Athletic Training Option, 87
Physical Education Major, Teacher Certifications Options, 86
Physical Education Minors, 88
Physical Sciences Course Descriptions, 157
Physics Course Descriptions, 157
Physics Major, 97
Physics Major, Honors Program, 97
Physics Major, Teacher Certification Option, 97
Physics Minors, 97
Placement Office, 15
Political Science Course Descriptions, 159
Political Science Major, 97
Political Science Major, Honors Program, 97
Political Science Major, International Studies Option, 98
Political Science Minor, 98
Pre-Dentistry Program, 98
Pre-Engineering, 98
Pre-Law Minor, 98
Pre-Law Studies, 98
Pre-Medical Studies, 99
Pre-Nursing, 99
Pre-Optometry, 99
Pre-Pharmacy, 99
Pre-Physical Therapy, 99
Prerequisites, 108
Pre-Veterinary Medicine Program, 99
Probation, 45
Professional Writing Minor, 62
Proficiency Examination, Credit by, 42
Proficiency Examination Fee, 22
Provisional Admission, 37
Psychology Course Descriptions, 161
Psychology Major, 99
Psychology Major, Honors Program, 99
Psychology Major, Teacher Certification Option, 99
Psychology Minors, 99
Public Relations Minor, 101
Publications, 12

R

Radio-Television Center, 12
Reading Center, 14
Readmission, 39
Receipts, Official, 22
Recitals, Music, 65
Recreation Administration Major, 88
Recreation Administration Major, Honors Program, 88
Recreation Administration Major, Therapeutic Recreation Option, 88
Recreation Administration Minor, 88
Recreational Sports, 12
Refunds, 22
Reinstatement Following Academic Dismissal, 45
Religious Organizations, 13
Repeating Courses, 46
Requirements for Bachelor's Degree, 47
Requirements for Two Majors Within a Degree, 48
Requirements for Graduation, 47
Requirements for Two Bachelor's Degrees, 48
Reserve Officer Training Corps (ROTC), 13, 76
Residence Hall Fees, 20, 21
Residence Hall Government, 13
Residence Halls, 21
Residency, 18
Responsibility of Students, Inside front cover
Revocation of Admission to Teacher Education, 80
Right to Privacy Statement, Inside front cover
Room and Board Charges, 21
ROTC Federal Scholarship, 24
ROTC Illinois State Scholarship, 24
Russian Course Descriptions, 132

S

Safety and Driver Education Minor, 85
Satisfactory Progress Requirements, 23
Scholarships for Off-campus, 103
School of Adult and Continuing Education, 103
Second Major, 48
Secondary Education Course Descriptions, 162
Secondary Education Program, Alternate, 79
Semester Fees, 18, 20
Senior Seminar, 163
Social Fraternities, 13
Social Science Course Descriptions, 165
Social Science Major for Teacher Certification, 67
Sociology Course Descriptions, 165
Sociology Major, 100
Sociology Minor, 100
Sororities, 13
Spanish Course Descriptions, 132
Spanish Major, Teacher Certification Option, 62
Spanish Minors, 62
Special Education Course Descriptions, 166
Special Education Major, Early Childhood Option, 88
Special Education Major, Honors Program, 89
Special Education Major, Standard Special Option, 89
Special Examinations, 49
Special Interest Groups, 13
Specialist in Education Degree, 106
Specialist in School Psychology Degree, 106
Speech Communication Course Descriptions, 168
Speech Communication Major, 67
Speech Communication Major, Honors Program, 68
Speech Communication Major, Teacher Certification Option, 68
Speech Communication Minors, 68
Speech-Language-Hearing Clinic, 15
State Rehabilitation Program, 24
State Scholarships and Grants, 23
Student Conduct Code, inside front cover
Student Employment, 35
Student Expenses, Housing, and Financial Aid, 20
Student-Faculty Boards, 13
Student Government, 13
Student Identification Card Fee, 22
Student Insurance, 16
Student Leadership Course Description, 170
Student Activities and Services, 12
Student Loan Fund, 34
Student Organizations, 13
Student Recreation, 12
Student Teaching, 80
Student Teaching Course Descriptions, 170
Student's Responsibility, Inside front cover
Study Abroad, Course Description, 170
Office, 14
Summer Guest Student Policy, 38

T

Talented Student Awards, 24
Tarble Arts Center, 12
Teacher Education, Admission to, 79
Teacher Certification, 49
Teacher Certification Programs, 78
Teaching Practicum (Student Teaching), 80
Technology Education Major, 76
Technology Education Minor, 76
Term Paper Clinics, 15
Testing Services, 14
Textbook Rental Service, 15
Textbook Rental Service Fines, 15, 22
Theatre Arts Activities, 12
Theatre Arts Course Descriptions, 170
Theatre Arts Major, 68
Theatre Arts Major, Teacher Certification Option, 68
Theatre Arts Minors, 68
Transcripts, 49
Transcript Fee, 22, 49
Transfer Credit for General Education Requirements, 42
Transfer Students, 37
Tuition and Fees, 20
Tutoring, 15

U

Unclear Records, 40
Undergraduate Academic Waivers, 43
Undergraduate Degrees, 56
University Apartments, Housing, 21
University Awards, 24
University Board, 13
University Calendar, 5
University Court, Housing, 21
University Honors, 44
University Housing Policies, 21
University Union, Martin Luther King, Jr., 12

V

Veterans Benefits, 34
Vocational Rehabilitation, 24

W

Waivers, 43
Withdrawal from a Course, 47
Withdrawal from the University, 47
Withdrawal Refund, 22
Women's Studies Course Descriptions, 172
Women's Studies Minor, 101
Workshops, 103
Writing Center, 14
Writing Competency Examination, 47
Writing Competency Examination Fee, 22

Z

Zoology Course Descriptions, 172
Zoology Major, 100
Zoology Minor, 100

IF YOU WISH INFORMATION...

For information on particular aspects of the University, please address your inquiry to the persons or office named below:

Admission of Graduate Students
Dean, Graduate School - (217)581-2220

Admission of Undergraduate Students
Director of Admissions - (217)581-2223

Admission of Transfer Students
Director of Admissions - (217)581-2223

Adult and Continuing Education (Extension Service)
School of Adult and Continuing Education - (217)581-5114.

Affirmative Action
Office of Affirmative Action - (217)581-5020

Application for Graduation
Records Office - (217)581-3511

Board of Governors Bachelor of Arts Degree Program
(217)581-5618

Career Services
Director of Student Services and Career Services - (217)581-2412

Disability Services*
Office of Disability Services - (217) 581-6583

Honors Programs
Director of Honors Programs
(217)581-2017

Housing and Dining Services
Director of Student Housing - (217)581-5111

Information
Telephone Numbers of Campus Offices - (217)581-5000

International Admission
(217) 581-2220

International Student Information
(217) 581-2321

Military Scholarships
Director of Veterans Services - (217)581-3713

Readmission of Former Students
Records Office - (217)581-3511

Reinstatement of Former Students Dismissed for Low Scholarship
Records Office - (217)581-3511

Scholarships
Director of Financial Aid - (217)581-5249

Student Employment
Director of Financial Aid - (217)581-3712

Student Insurance
Director of Financial Aid - (217)581-5290

Student Loans
Director of Financial Aid - (217)581-3711

Summer Session
Director of Summer School - (217)581-2023

Summer Study Abroad
School of Adult and Continuing Education - (217)581-5114

Transcripts
Records Office - (217)581-3511

Transfer Credit
Records Office - (217)581-3511

Workshops
School of Adult and Continuing Education - (217)581-5114

Admissions Office

800-252-5711
(Toll-free)
Text Telephone for the Hearing Impaired
(217) 581-6583 (Voice/TTY)

*Any information you provide is on a voluntary basis, will be confidential and will be used only to make reasonable accommodations to any limitations you report.

EASTERN

ILLINOIS UNIVERSITY

BOUND PRINTED MATTER BLK RT
US POSTAGE PAID
CHARLESTON, IL 61920
PERMIT NO. 24

1997-98 Undergraduate Catalog

Eastern Illinois University