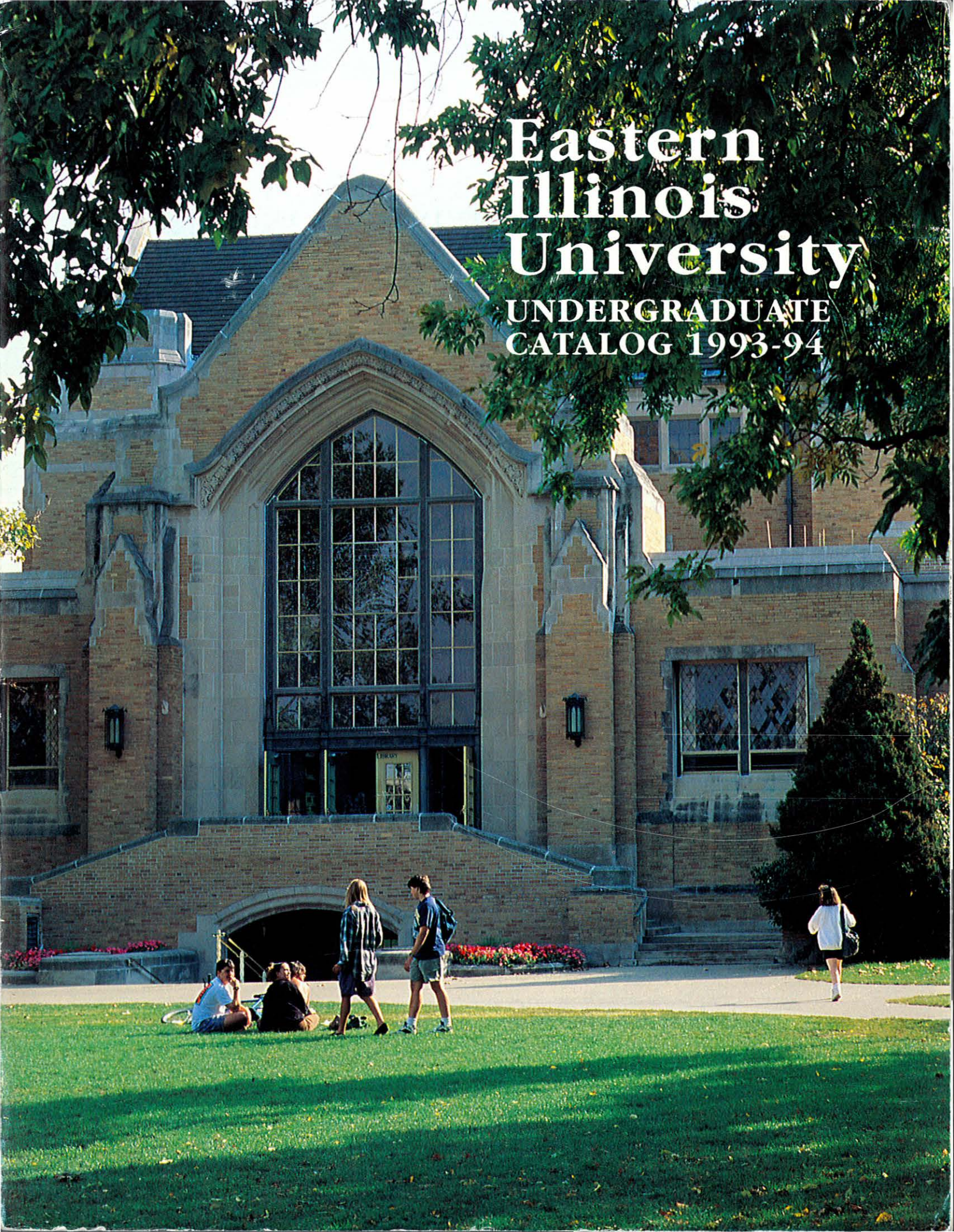


Eastern Illinois University

UNDERGRADUATE CATALOG 1993-94

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 Student Academic Services.

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: 581-5598.

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 Relations.

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.

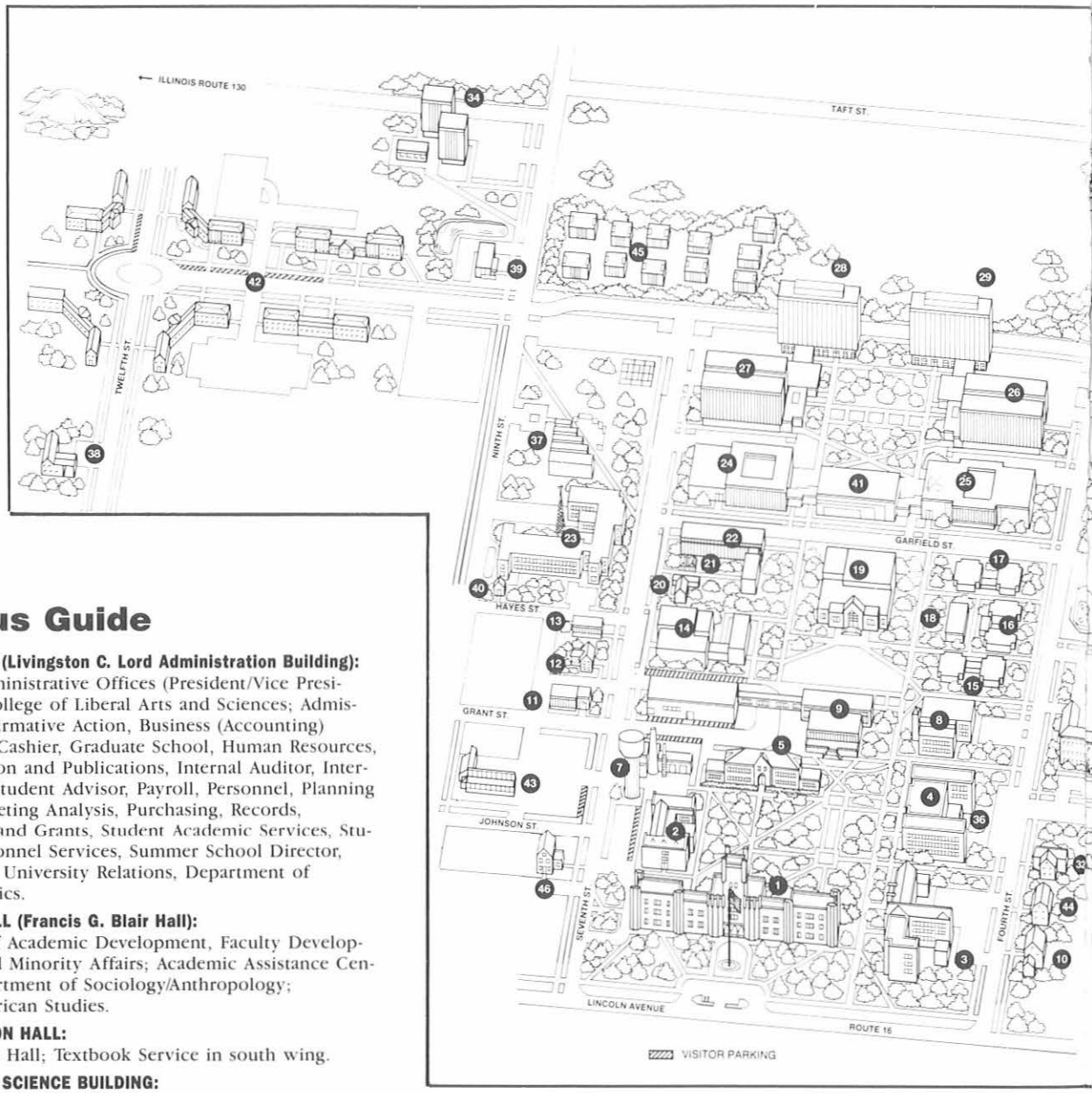
Racist acts by any member of the University are subject to quick and firm disciplinary action. The University will not tolerate any form of discrimination or harassment based on race, ethnicity, gender or religion.

Eastern Illinois University

Undergraduate Catalog - April, 1993

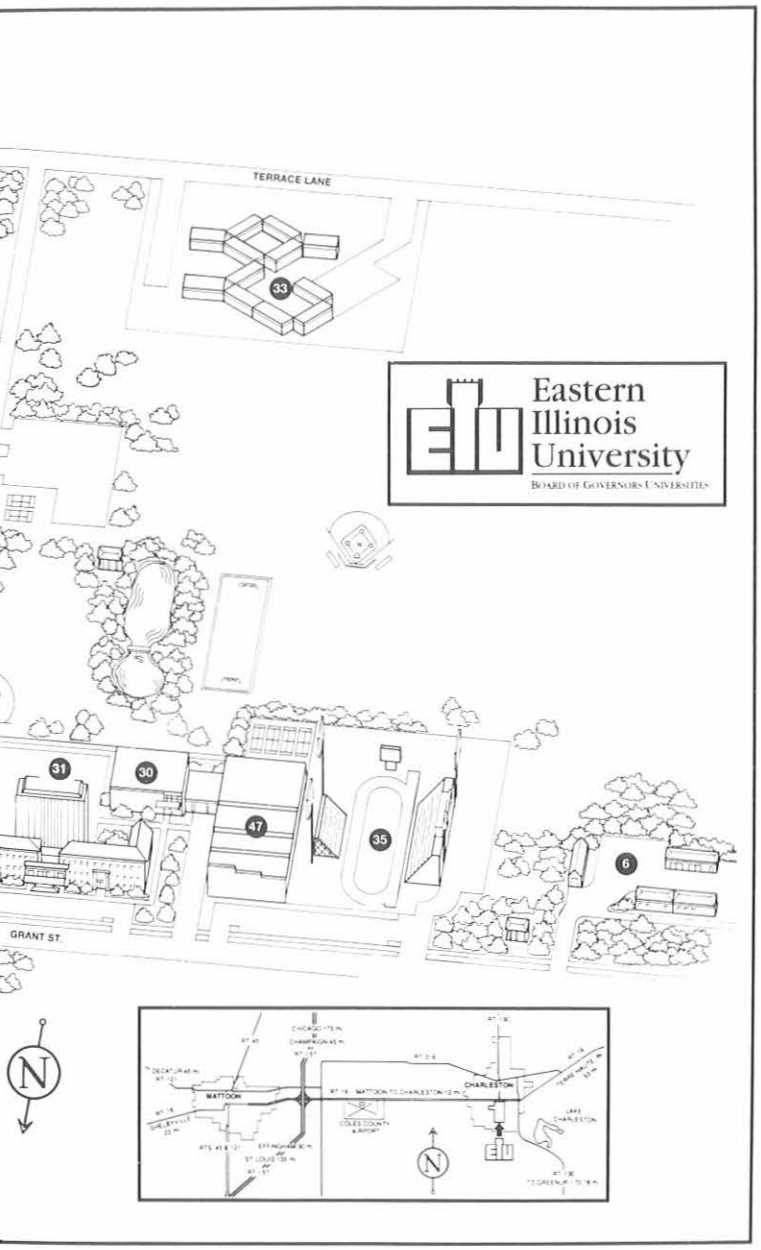
94th Year

This catalog includes information concerning Admission, Enrollment Fees, Housing, Program and Course Offerings for the Academic Year 1993-94, including Summer Term 1993.



Campus Guide

1. **OLD MAIN (Livingston C. Lord Administration Building):** Chief Administrative Offices (President/Vice Presidents); College of Liberal Arts and Sciences; Admissions, Affirmative Action, Business (Accounting) Services, Cashier, Graduate School, Human Resources, Information and Publications, Internal Auditor, International Student Advisor, Payroll, Personnel, Planning and Budgeting Analysis, Purchasing, Records, Research and Grants, Student Academic Services, Student Personnel Services, Summer School Director, Treasurer, University Relations, Department of Mathematics.
2. **BLAIR HALL (Francis G. Blair Hall):** Offices of Academic Development, Faculty Development, and Minority Affairs; Academic Assistance Center; Department of Sociology/Anthropology; Afro-American Studies.
3. **PEMBERTON HALL:** Residence Hall; Textbook Service in south wing.
4. **PHYSICAL SCIENCE BUILDING:** Departments of Chemistry, Geology/Geography, Physics, Psychology.
5. **STUDENT SERVICES BUILDING:** Career Planning and Placement, Computer Services, Duplicating Services, Financial Aid, Testing, Veterans Services.
6. **PHYSICAL PLANT SERVICES 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; Offices of AIDS/Alcohol/Drug Programs, Arrangements (Campus Scheduling), Housing, Judicial Affairs, Orientation, Residence Hall Food Services, Student Activities, Union Business Operations. Features include: ballrooms, bowling alley, dining facilities, lounges, conference rooms, student government offices.
10. **BOOTH HOUSE:** Adult and Continuing Education, BOG Degree Program, Regional Business Services.
11. **TELEPHONE AND SECURITY BUILDING:** University Police Department, University Telecommunications office.
12. **BUZZARD HOUSE:** Counseling Center.
13. **CLINICAL SERVICES BUILDING:** Health Service, Dental Clinic, Department of Communication Disorders and Sciences, Speech-Language-Hearing Clinic.
14. **FINE ARTS CENTER (Quincy V. Doudna Fine Arts Center):** College of Fine Arts; 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, Music Room, Self-Study Materials (SMC) Center, Audio-Visual Center.
20. **LIFE SCIENCE VIVARIUM**
21. **GREENHOUSE (Thut Greenhouse)**
22. **LIFE SCIENCE BUILDING:** Departments of Botany, Zoology, Pre-Medical Studies.
23. **BUZZARD BUILDING (Robert G. Buzzard Building):** College of Education; Offices of *Daily Eastern News, Warbler*; Radio-TV Center (WEIU-TV & WEIU-Radio); Reading Center; Child Development Lab; Departments of Educational Psychology and Guidance, Elementary and Junior High School Education, Educational Administration, Secondary Education and Foundations, Special Education, Student Teaching, Journalism.
24. **KLEHM HALL:** College of Applied Sciences; Departments of Home Economics and Technology; Offices of Career Occupations, ROTC Program.
25. **COLEMAN HALL (Charles H. Coleman Hall):** Department of Economics, English, Foreign Language, History, Philosophy, Political Science, Speech Communication.
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):** College of Health, Physical Education, and Recreation; Offices of Intercollegiate Athletics, Recreational Sports; Departments of Health Studies, Physical Education, Leisure Studies, Sports Information. Features include fieldhouse 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:** Residence Hall.
39. **INTERNATIONAL HOUSE:** Residence Hall (open August 21 through May 15).
40. **GREENWOOD SCHOOL:** Restored historic country school.
41. **LUMPKIN HALL:** Lumpkin College of Business; Departments of Accountancy and Finance, Business Education and Administrative Information Systems, Computer and Operations Management, Management-Marketing.
42. **GREEK COURT:** Greek housing for 6 sororities (Alpha Gamma Delta, Alpha Sigma Alpha, Alpha Sigma Tau, Alpha Phi, Delta Zeta, Phi Sigma) and 6 fraternities (Delta Sigma Phi, Delta Chi, Lambda Chi Alpha, Pi Kappa Alpha, Sigma Chi, Sigma Nu).
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. **AFRO-AMERICAN CULTURAL CENTER**
47. **STUDENT RECREATION CENTER**

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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.

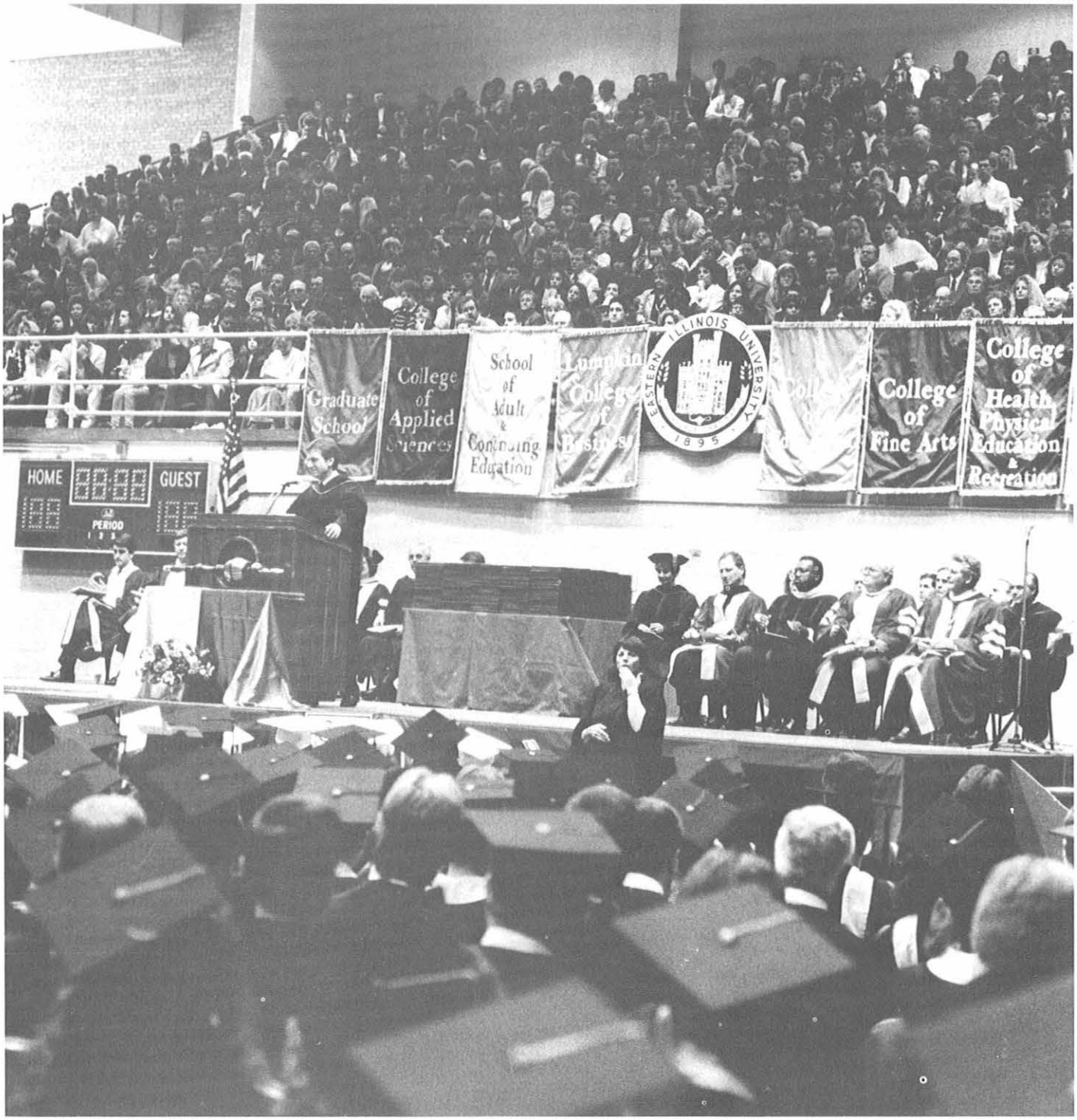
An undergraduate transfer student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at Eastern Illinois University by 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.

Mission of Eastern Illinois University

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. 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.



Eastern Illinois University

1993-94 Academic Calendar

Summer Term 1993

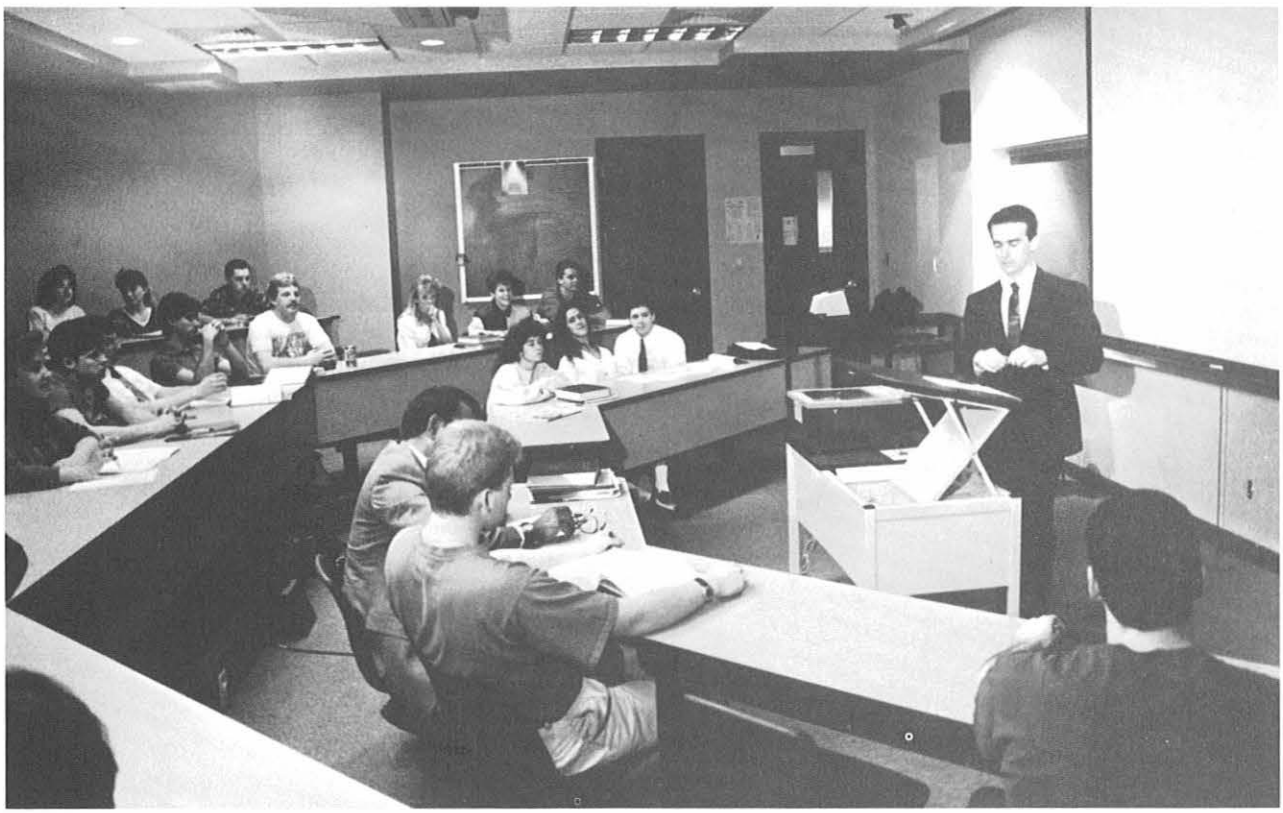
(Intersession)

Late Registration	May 17
Late Registration Fee Begins	May 17
First Class Day	May 17
Last Day to Submit Add Requests	May 19
Last Day for Full Refund of Tuition and Fees (Except Insurance)	May 20
Last Day to Submit Audit or Credit/No Credit Requests	May 20
Last Day for Class Withdrawals Without Grades	May 20
Begin W for Course Withdrawals	May 21
Memorial Day Observance – No Classes	May 31
Last Day to Withdraw Credit/No Credit Requests	Jun 8
Last Day to Withdraw from Courses or University	Jun 8
Last Class Day	Jun 10
Final Examinations	Jun 10
Session Closes	Jun 11
Last Day to Apply or Reapply for Graduation	Jun 21
Commencement	Aug 8

Summer Term 1993

(Five- & Eight-Week Sessions)

	Five-Week	Eight-Week
Last Day for Full Tuition and Fee Refund	Jun 11	Jun 11
Late Registration	Jun 14	Jun 14
Late Registration Fee Begins	Jun 14	Jun 14
First Class Day	Jun 15	Jun 15
Last Day to Submit Add Requests	Jun 17	Jun 17
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Jun 21	Jun 21
Last Day to Apply or Reapply for Graduation	Jun 21	Jun 21
Last Day to Submit Audit or Credit/ No Credit Requests	Jun 21	Jun 21
Last Day for Course Withdrawals Without Grades	Jun 21	Jun 21
Begin W for Course Withdrawals	Jun 22	Jun 22
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Jun 28	Jun 28
Independence Day Observance - No Classes	Jul 5	Jul 5
Last Day for Grade Appeals	Jul 12	Jul 12
Last Day to Withdraw Credit/ No Credit Requests	Jul 12	Jul 19
Last Day to Withdraw from Courses or University	Jul 12	Jul 19
Last Class Day	Jul 20	Aug 5
Study Day	——	Aug 6
Final Examinations	Jul 21	Aug 7, 9, 10
Commencement	Aug 8	Aug 8
Session Closes	Jul 22	Aug 12



Fall Semester 1993

Last Day for Full Tuition and Fee Refund	Aug 20
Late Registration (late fee applies)	Aug 23
Orientation Day	Aug 24
First Class Day	Aug 25
Last Day to Submit Add Requests	Aug 27
Last Day to Submit Audit Requests	Aug 31
Last Day to Apply or Reapply for Graduation	Sep 3
Labor Day Observance – No Classes	Sep 6
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Sep 8
Last Day to Submit Credit/No Credit Requests	Sep 8
Last Day for Course Withdrawals Without Grades	Sep 8
Begin W for Course Withdrawal	Sep 9
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Sep 22
Last Day for Grade Appeals	Sep 22
Mid-Term	Oct 14
Fall Recess	Oct 15
Last Day for W for Course Withdrawals	Oct 25
Begin WP or WF for Course Withdrawals	Oct 26
Last Day to Withdraw Credit/No Credit Requests	Nov 5
Last Day to Withdraw from Courses or University	Nov 5
Thanksgiving Recess	Nov 24-28
Last Class Day	Dec 9
Study Day	Dec 10
Final Examinations	Dec 11, 13, 14, 15, 16
Commencement	Dec 12
Semester Closes	Dec 18

Spring Semester 1994

Last Day for Full Tuition and Fee Refund	Jan 7
Late Registration (late fee applies)	Jan 10
Orientation Day	Jan 11
First Class Day	Jan 12
Last Day to Submit Add Requests	Jan 14
King's Birthday Observance - No Classes	Jan 17
Last Day to Submit Audit Requests	Jan 19
Last Day to Apply or Reapply for Graduation	Jan 21
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Jan 26
Last Day to Submit Credit/No Credit Requests	Jan 26
Last Day for Course Withdrawals Without Grades	Jan 26
Begin W for Course Withdrawals	Jan 27
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Feb 9
Last Day for Grade Appeals	Feb 9
Lincoln's Birthday Observance - No Classes	Feb 11
Mid-Term	Mar 8
Last Day for W for Course Withdrawals	Mar 14
Begin WP or WF for Course Withdrawals	Mar 15
Spring Recess	Mar 19-27
Last Day to Withdraw Credit/No Credit Requests	Apr 1
Last Day to Withdraw from Courses or University	Apr 1
Last Class Day	May 5
Study Day	May 6
Final Examination	May 7, 9, 10, 11, 12
Commencement	May 14
Semester Closes	May 14

Summer Term 1994

(Intersession)

Late Registration (late fee applies)	May 16
First Class Day	May 16
Last Day to Submit Add Request	May 18
Last Day for Full Refund of Tuition and Fees (Except Insurance)	May 19
Last Day to Submit Audit or Credit/No Credit Requests	May 19
Last Day for Course Withdrawals Without Grades	May 19
Begin W for Course Withdrawals	May 20
Memorial Day Observance - No Classes	May 30
Last Day to Withdraw Credit/No Credit Requests	Jun 7
Last Day to Withdraw from Courses or University	Jun 7
Last Class Day	Jun 9
Final Examinations	Jun 9
Session Closes	Jun 10
Last Day to Apply or Reapply for Graduation	Jun 20
Commencement	Aug 7

Summer Term 1994

(Five- & Eight-Week Sessions)

	Five-Week	Eight-Week
Last Day for Full Tuition and Fee Refund	Jun 10	Jun 10
Late Registration (late fee applies)	Jun 13	Jun 13
First Class Day	Jun 14	Jun 14
Last Day to Submit Add Requests	Jun 16	Jun 16
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Jun 20	Jun 20
Last Day to Apply or Reapply for Graduation	Jun 20	Jun 20
Last Day to Submit Audit or Credit/No Credit Requests	Jun 20	Jun 20
Last Day for Course Withdrawals Without Grades	Jun 20	Jun 20
Begin W for Course Withdrawals	Jun 21	Jun 21
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Jun 27	Jun 27
Independence Day Observance - No Classes	Jul 4	Jul 4
Last Day for Grade Appeals	Jul 11	Jul 11
Last Day to Withdraw Credit/No Credit Requests	Jul 11	Jul 18
Last Day to Withdraw from Courses or University	Jul 11	Jul 18
Last Class Day	Jul 19	Aug 4
Study Day	—	Aug 5
Final Examinations	Jul 20	Aug. 6, 8, 9
Commencement	Aug 7	Aug 7
Session Closes	Jul 21	Aug 11

Board of Governors of State Colleges and Universities

Chancellor
Thomas D. Layzell

Appointed Members	Current Term
Dominick J. Bufalino, Norwood Park Township	1989-1995
Nancy H. Froelich, Hudson	1989-1995
James Garner, Macomb	1987-1993
Daniel L. Goodwin, Oak Brook	1991-1997
William E. Hoffee, Fairfield	1989-1995
Mack W. Hollowell, Charleston	1991-1997
Evelyn Kaufman, Chicago	1987-1993
Robert J. Ruiz, Chicago	1987-1993
Wilma J. Sutton, Chicago	1991-1997

Officers
Robert J. Ruiz, Chairman
Wilma J. Sutton, Vice Chair

Student Members
Cynthia R. Baldwin, Chicago State University
Tony Wielt, Eastern Illinois University
Varghese Mathew, Governors State University
Sabrina Hisbon, Northeastern Illinois University
Erika Warchol, Western Illinois University

Eastern Illinois University Chief Administrative Officers

President
David L. Jorns

Provost and Vice President for Academic Affairs
Barbara L. Hill

Vice President for Student Affairs
Louis V. Hencken (Acting)

Vice President for Business Affairs
Charles C. Colbert

Vice President for Institutional Advancement
Stephen C. Falk

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. In addition, it is accredited by the National Council for Accreditation of Teacher Education for the preparation of elementary and secondary teachers and school service personnel.

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 home economics 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 one of five state universities in the Board of Governors Universities system. The President is responsible for the operation and general welfare of the University.

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

The primary academic units include the College of Liberal Arts and Sciences; the College of Applied Sciences; the Lumpkin College of Business; the College of Education; the College of Fine Arts; the College of Health, Physical Education, and Recreation; 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, 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 67 buildings, including 20 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

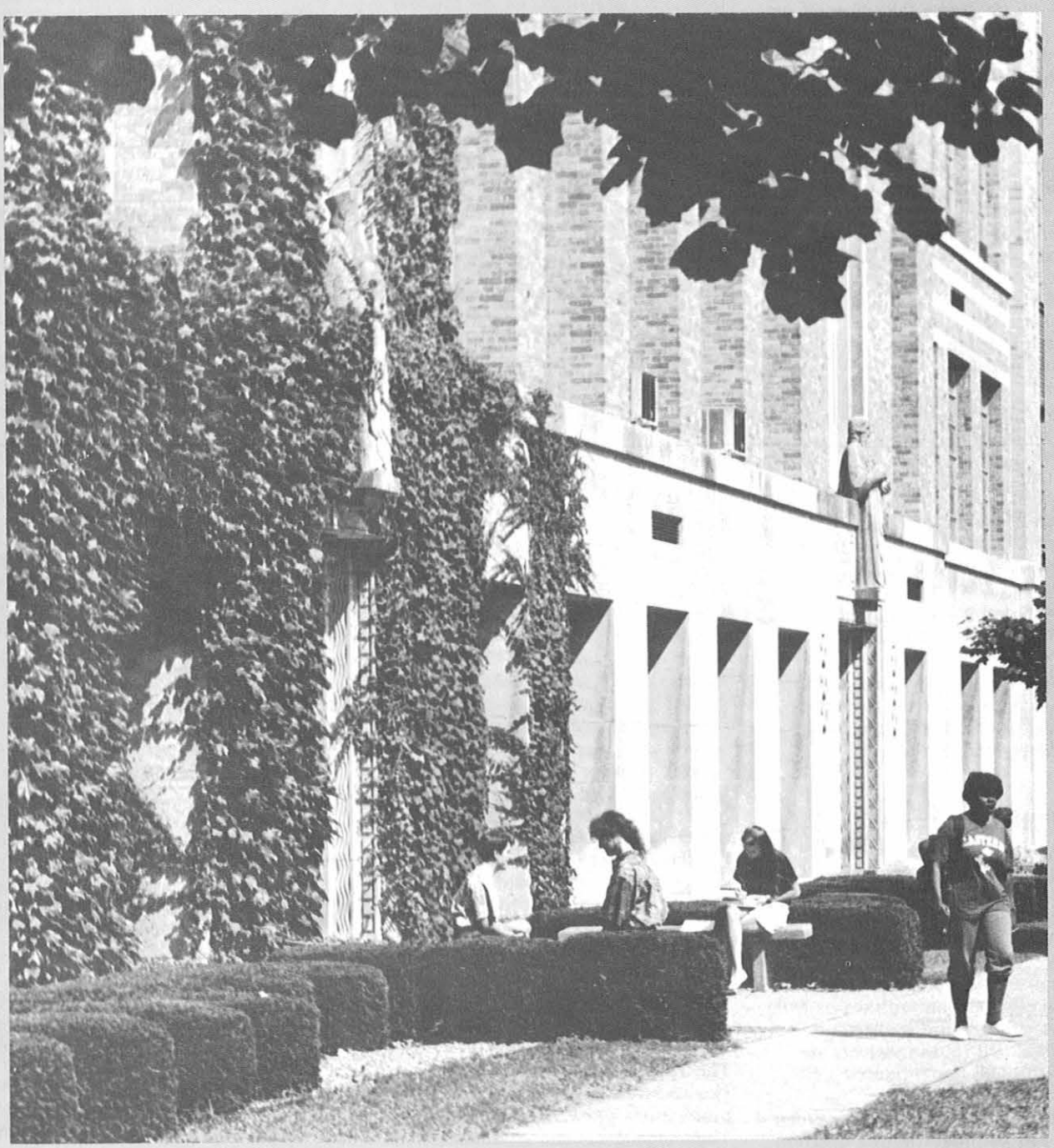
The Eastern Illinois University Foundation was established in 1953. The purpose of the Foundation is to provide a mechanism for private support of University programs, providing a margin of excellence. The Foundation has completed a successful Tenth Decade Campaign and is well into the Second Century Campaign for Eastern.

Membership of the Foundation consists of 100 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 Alumni Association Board of Directors provides for active involvement of alumni in affairs of the University.

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
Camping Equipment Rental
Catering and Dining Service
Check Cashing
Craft Depot
Copy Express
Fraternities & Sororities
Graphics and Promotion
Housing
Information
Lobby Shop
Lounges
McDonald's on Campus
Meeting Rooms
Minority Programming
Student-Faculty Boards
Student Government
Student Legal Service
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.

Forensics

Through the Department of Speech Communication, students of undergraduate standing are offered the opportunity to participate in 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 Activities

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 Budgeting, Health Service Advisory, Intercollegiate Athletics, Judicial, Library Advisory, Parking and Traffic Appeals, Performing Arts, 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 Parents' 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 the 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), Subway (comedians) and Productions (light and sound support for University Board events).

Theatre Arts

The Theatre Arts Department houses two theatres and produces six full-scale productions per year, plus a Summer Theatre program and student-directed Studio Theatre productions. Many 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 Fund for Excellence 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 internships 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, UHF Channel 51. The stations serve a 10-county area of East Central Illinois. WEIU TV is available on cable systems in Mattoon, Charleston, Effingham, Paris, Tuscola and 24 other systems in East Central Illinois. *News Scan, EIU Connection, Panther Country, H.S. Sports Action,* and the *LAS 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 or WEIU FM.

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, Clarinet 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 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 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 printmaking, 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 the newspaper, *The Daily Eastern News;* the *Warbler,* the 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 focuses on issues relating to Eastern's minority population.

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.*

Recreational Sports

The College of Health, Physical Education and Recreation, Division of Recreational Sports, offers intramural and informal sport programs for all students with opportunity to participate as individuals, pairs and/or as members of men's, women's and co-rec teams. Participation is voluntary. Structured intramural sport activities consist of 10 team sports, 18 special events and singles/doubles tournaments in 5 racquet sports. Unstructured informal sport 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; two multi-purpose areas; and a lobby/lounge. Additional facilities include two swimming pools; two gymnasiums; a fieldhouse with a 220-yard, six-lane track and five tennis courts; five racquetball courts; and numerous outdoor tennis and basketball 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. In addition, the acquisition of certain professional techniques and skills, particularly for those who plan to coach, is an objective of the athletic program.

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

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

The University adheres to the intercollegiate athletics policies of the National Collegiate Athletic Association.

Student Organizations

Student Government

Student government is organized on the same plan as the federal government with its executive, legislative, and judicial branches. The student officers and the 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.

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 Activities 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 Student 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 three 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.

Special Interest Groups

The following are some, but not all, of the special interest groups: Association of International Students, Black Student Union, University Democrats, EIU Rugby Club, EIU Women's Soccer 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
Tau Kappa Epsilon
Gamma Omega 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 Sigma Sigma
Alpha Psi Chapter

National Pan-Hellenic Council

The National Pan-Hellenic 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 who have not been accepted to the Lumpkin College of Business are assigned to the Academic Assistance Center for academic advising. In addition to serving these specified groups, the Center serves all undergraduate students by providing assistance concerning academic policies and procedures. The Center will advise both currently enrolled students and prospective students. The Academic Assistance Center offers help to all students as they decide on academic programs related to career goals.

Students with Disabilities

The Office of Disability Services is located in Buzzard Building at 1711 Seventh Street. It is staffed by a full-time coordinator. Students, faculty, and staff with disabilities who require reasonable accommodations in order to participate more fully in academic life at Eastern should contact the Coordinator to request services. Diagnostic information regarding the disability must be submitted so that the most appropriate accommodations can be arranged. Advance notification is requested.

Counseling Center

The Counseling Center is located in the Buzzard House at 1711 7th Street. The Center is staffed by professional coun-

selors and counseling psychologists who assist students with typical problems which result from University attendance and which may interfere with their deriving maximum benefit from their university experiences. The Counseling Center offers services to students with problems which affect their grades in several ways, including study skills seminars, stress management workshops, career counseling, relaxation training, and personal/social counseling. Students with problems which require long-term and/or indepth therapy may be referred to more appropriate agencies.

International Student Services

International Student Services is located in Room 211, Old Main. The international student advisor assists in immigration formalities, and provides general counseling and other services as needed to international students. Orientation programs are provided prior to the beginning of classes in August and January as well as throughout the year.

Library

Booth Library, the general library of the University, is named in honor of Miss Mary Josephine Booth, who served as Librarian at Eastern for forty-one years. 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 640,000 cataloged volumes, approximately one and one-half million microtexts, as well as governmental documents, maps, music scores, and pamphlets selected to support the educational mission of the University. Leisure-time reading interests are served through materials in the general book collection, as well as the latest best sellers and popular paperbacks, located in the Read and Relax Room.

Booth Library's public catalog is available through ILLINET Online, the statewide network. Interlibrary Loan Services supplement Booth Library's resources by making available to the university community materials that Booth Library does not own. Other online search services, such as DIALOG and FirstSearch are available upon request. CD-ROM databases represent another form of technology available to users.

The general book collection is located on open shelves in two stack levels. Books in the stacks are arranged according to the Library of Congress classification scheme. Exceptions to open shelving are the Special Collections, Archives, current periodicals, and some non-print media.

Located in the central area of the main level are Circulation/Interlibrary Loan Services, ILLINET Online access terminals and Reference Services. The Reference Collection consists of approximately 43,000 volumes. The primary purpose of Reference Services 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, administrative and staff offices, and coin-operated copiers are available on the main level.

The Government Documents Collection, including U.S., Illinois State and some United Nations publications, is located on the main level. Also on this level is a large reading room in which the Juvenile Collection is shelved.

Media Services provides students with production facilities, equipment and non-print materials for preparing in-class reports, etc. The Self-Study Materials Center (SMC) on the main level is a public service unit of Media Services. It has been developed to make information stored on non-print media, such as sound recordings and video tapes, etc., available to students and faculty members. Study carrels equipped for independent viewing and listening are provided in the center. The SMC has a number of terminals for computer-assisted instruction (CAI), i.e. NovaNET and ECN, as well as a variety of microcomputers and software packages. Various microfilm collections along with appropriate readers and printers are found in this area. The Audio Visual Center, which is primarily for faculty support, is located on the lower level and is also a part of Media Services.

Periodicals in all forms, print and microfilm, are located on the upper level in Periodicals Public Services. The Booth Library periodicals collection is arranged according to the Library of Congress classification scheme.

Library materials must be returned when due to avoid fines. All library fines and charges must be paid promptly. Failure to do so will result in loss of borrowing privileges throughout the IO system and a complete hold on academic records which precludes registration or release of any information.

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.

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 underprepared in mathematics. Use of the MDC is restricted to students enrolled in MAT 1000. Placement in MAT 1000 is by referral and by a student's score on the ACT Mathematics Placement Exam, or the Intermediate Mathematics Placement Exam (IMPT). Students who need to enroll in the MDC (MAT 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 MAT 1270-1271 sequence and one for students planning to take the MAT 1420-2420C sequence.

Since this laboratory has scheduled classes up to twelve 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 the tutoring services available.

Reading Center

The Reading Center, located in Buzzard Building, Room 225, provides a variety of services related to the improvement of reading and study skills. Small group instruction is provided through the GST 1000 course, 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.

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 & Sciences obtain required clinical practice by working with speech-language-hearing impaired adults and children. A full range of diagnostic and treatment services are available. Diagnostic services include assessment of speech, language, hearing processes and hearing aid evaluations. Treatment services for speech, language, hearing disorders including lip reading classes, 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.

Study Abroad Office

The Study Abroad Office, located in Coleman Hall 216H, provides information and advises students who are interested in studying abroad for a semester, a year, or during the summer. Study programs to the United Kingdom, Ireland, France, Germany, Italy, Scandinavia, Austria, Poland, Hungary, Japan, China, Australia, and a host of other countries are available to EIU students. The office also assists in the application of Fulbright, Rhodes, and other foreign scholarships, and offers information about internships and work opportunities abroad.

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.

Testing Services

Testing Services is located in the Student Services Building, second floor, east wing. From Testing Services, students can obtain information about 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), Pre-Professional Skills Tests (PPST), and the Nelson-Denny Reading Test. They can also obtain information about and register for University tests such as the Constitution Test, the Health Studies Competency Examination, and the Writing Competency Examination.

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.

Writing Center

The Writing Center is located in Coleman Hall, Room 301. The Center is available for all students at Eastern. Writing Center tutors do not proofread papers but 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.

General Services

Affirmative Action Office

The Affirmative Action Office is located in 108 Old Main. The office offers information and assistance for students who believe they have been discriminated against 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. The office also offers information and assistance to students who believe they have been victims of sexual harassment.

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 $2.00 per book plus $ .25 per day per book with a maximum of $10.00 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.

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

Career Planning and Placement

The Eastern Illinois University Career Planning and Placement Center, 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 located within the Placement Center which contains numerous career planning and job search resources.

The Career Planning and Placement Center maintains a close liaison with hiring representatives from education, business, industry, and government. The Placement Center 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 $10.00. The placement registration fee for graduates initiating registration more than one year after graduation is $25.00.

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 three job fairs at Eastern Illinois University, job seeking seminars, on-campus interviews, videotaped mock interview practice, a computerized résumé writing service, and three weekly vacancy bulletins.

Medical

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

Outpatient medical services are available Monday-Friday, 7:30 a.m. to 4:00 p.m. A nurse is also available until 11:00 p.m. daily during the week and from 10:00 a.m. until 5:00 p.m. on Saturdays. During these hours a physician is on call for emergencies. Other medical services are available with the assistance of the Health Service. Faculty and staff may be treated at the University Health Service only for emergencies which happen during working hours.

Services provided by the Health Service are covered by student health service and pharmacy fees. For further information concerning the Health Service, refer to the University Health Service brochure and the insurance brochure provided by the Office of Financial Aid.

Student Insurance

By action of the Board of Governors Universities, 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, ten, or eleven hours may purchase the insurance coverage during the first ten 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 incurred within fifty-two weeks from the date of first medical expense as provided for under the provisions of the contract. Benefits payable for mental illness and substance abuse treatment shall not exceed the combined lifetime maximum of $5,000.

Prior to the tenth class day of the term (first five class days of summer term), students and/or parents (for students under 18), 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.

Information concerning insurance may be obtained in the Office of Financial Aid.

Regulations

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 Activities 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).

Bicycle Registration and Control

By definition, a bicycle shall mean any two-wheeled vehicle which is propelled by human power.

REGISTRATION

It is the responsibility of each student, employee, and faculty member operating a bicycle on the campus to register the bicycle in the University Police Department. Registration decals are available at the University Police Department.

Automobile Registration and Control

Authority and Purpose

By the authority of Chapter 144, Section 1007-1009, Illinois Revised Statutes, as amended, the following rules and regulations have been adopted for control of vehicles on the campus of Eastern Illinois University in order to promote the safety and convenience of faculty, staff, students, and visitors, and to facilitate the general operation of the University. These regulations shall apply to all property owned and/or controlled by the University.

The Board of Governors Universities delegates to the administration of the University authority to prescribe parking areas on campus, change the designation of parking areas as necessary, appoint members of the Hearing Board, and to adopt hearing and appeal procedures compatible with the regulations herein stated. Regulations are established to insure the maintenance, control, and maximum equitable use of University parking facilities.

Responsibility

It is the responsibility of each member of the University community to read, understand, and abide by these regulations.

Seldom is the operator of an unregistered parked motor vehicle known. Establishing responsibility for parking violations involves the reasonable assumption that a student, faculty, or staff member with the same address as the registered owner of the vehicle is the operator of the vehicle that receives the parking citation(s). When two or more students, faculty, or staff members reside at the same address, the assumption is that one or more are the operators. If it is determined by the University Police Department that a person attending the University receives a parking ticket on a vehicle whose registered owner is not affiliated with the University, the operator of that vehicle will be responsible for all tickets issued to that vehicle.

No freshman or sophomore (less than 60 semester hours of credit) under the age of twenty-one (21) shall possess, park, or operate a motor vehicle on any University street, parking lot, or property during the period beginning with the registration day of each semester and ending with the official date of closing each semester as shown on the calendar published in the University catalog.

Any request for an exception to the above regulation must be addressed to the University Police, Eastern Illinois University, Charleston, IL 61920.

SANCTIONS

A. Parking and Registration Violations
   1. Failure to report any change which would affect parking privileges $10.00
   2. Violation of permit parking (each occurrence) $15.00*
   3. Parking in restricted zones and other parking violations such as parking on lawns, traffic islands, aisles in parking lots, and other areas not designated for automobile passage or parking $20.00*

4. Parking in fire lane or handicap zone $50.00*
5. Violation of freshman-sophomore rule . . . . . $25.00 and referral to University Judiciary
6. Falsification of registration . . $25.00 and referral to University Judiciary and/or other officials
7. Meter violation $15.00*
8. Improper display of permit . . . . . $ 1.00*

* If paid within 48 hours, the fine is reduced by one-half.

B. Immobilized Vehicles
   1. Any motor vehicle in any University designated parking lot that is owned or operated by persons having delinquent parking tickets may be immobilized without notice.
   2. Any motor vehicle violation of section VI—Parking and Traffic Regulations A, B, C, or E may result in an immobilization without notice.
   3. The owner or operator of a motor vehicle that has been immobilized may have the immobilizing clamp removed by paying a service charge of $30.00 at the Parking Services Division. The University may require owner/operator of such vehicle to satisfy any outstanding penalties prior to release of immobilized vehicle.
   4. The owner or operator of a motor vehicle that has been immobilized will be subject to tow without notice at the owner or operator's expense if the immobilizing service charge has not been paid within a 24-hour-period from the time of the original immobilization.

C. Moving Violations
   1. Any student or staff member of Eastern Illinois University who commits a moving violation under the Illinois Code may be issued an Eastern Illinois University Citation.
   2. Bond for the offense will be an Eastern Illinois University identification card or $25.00 cash.
   3. A person wishing to appeal this violation must report to the University Police Department and this citation will be voided and an Illinois Citation will be issued in its place and the normal procedure through the Illinois Court System will determine guilt or innocence.
   4. Sanction for a moving violation is $25.00.
   5. Sanction for riding bicycle at night with no headlight is $5.00.

D. Vehicles which may be towed away without notice at the operator's expense are:
   1. Vehicles parked in restricted zones designated by "Tow Away" signs, "No Parking" signs, "Fire Lane" signs, "Handicapped" signs, etc.
   2. Vehicles owned or operated by students and/or employees of the University or apparently abandoned by others, and parked in University lots without a valid permit.
   3. Vehicles for which the service charge for removal of the immobilizing clamp has not been paid within a 24-hour period.
   4. Any vehicle found on campus without a permit, with an unauthorized, altered, or counterfeited permit, without license plates, parked in a barricaded area, parked in such a way as to constitute a serious hazard or impediment to vehicular or pedestrian traffic, or to the movement and operation of emergency equipment.
   5. Petitions for non-payment of offenses must be filed in the Parking Services Division within ten (10) school days of the issuance of the ticket. Any person who habitually or flagrantly disregards these traffic and parking regulations will also have his/her vehicle subject to impoundment. The University may require owners of such vehicles to satisfy any outstanding penalties prior to release of impounded vehicles.
   6. Violators of University traffic and parking regulations who fail to comply with sanctions imposed are subject to regular institutional discipline, including withdrawal or suspension of campus vehicle privileges and/or vehicle impoundment. In addition, students are subject to encumbrance of academic records. The owner will be responsible for the cost involved in removing, impounding, and storing such vehicle.

Appeal Before Citation Hearing Board

A person wishing to appeal a parking violation must file a written form with the Parking Services Division at the University Police Department, Seventh and Grant Streets. The office may be reached by phone at 581-5416. An appeal must be made within ten (10) days of the issuance date on the violation. The Citation Hearing Board may either confirm, reject, or modify the penalty specified by the notice.

Registration

All faculty, staff, and students who operate or expect to operate a motor vehicle (whether privately owned, leased, or borrowed) on the University campus, either regularly or occasionally, must register with the Parking Services Division and secure and display a valid parking permit while the vehicle is on the Eastern Illinois University campus. This registration must occur before a vehicle is parked in any campus parking lot that requires a permit. The person to whom a vehicle is registered is responsible for all citations, except as provided in a previous paragraph under **Responsibility.**

Permits and Fees

A. A staff permit is required for parking during the hours of 7:00 A.M. to 5:00 P.M., Monday through Friday, in all staff lots. Other permit vehicles may park there on weekends and after 5:00 P.M. and before 7:00 A.M., Monday through Friday unless otherwise posted.

B. A student permit is required for parking in a student lot.

C. A valid driver's license, a validated Eastern Illinois University identification card, and a current class schedule must be presented at the time of the purchase of a parking permit.

D. No person may obtain a permit for another person's vehicle without prior authorization from the Parking Services Division.

E. A vehicle may not be registered until all outstanding sanctions have been cleared. Faculty, staff and students are responsible for citations issued before a vehicle is registered and for displaying a valid parking permit.

F. Faculty and staff permits must be attached to the rear-view mirror with the decal facing the windshield. In vehicles without rear-view mirrors, the permit should be placed face up on the driver's side of the dash.

G. Student permits and motorcycle permits must be permanently affixed to the registered vehicle.

H. Only one permit will be issued for each eligible person.

I. A permit becomes the sole responsibility of the registered faculty, staff, or student. Lost, stolen, mutilated,

or misplaced permits may be replaced at a cost of $5.00. Any duplicate use could result in criminal charges.

J. Lots will be designated as follows:
   1. Administrative
   2. Staff
   3. Student
   4. Staff/Student
   5. Metered/Pay

   (See map for further explanation.)

K. Sale of student permits will be conducted on the day before the first official day of classes for the Fall and Spring Semesters or as scheduled by Parking Division.

L. Designated disabled parking spaces are located in virtually all parking areas on campus. New applicants for disabled parking must apply through the Parking Service Division, located in the University Police Department. The individual spaces are designated as follows: general disabled, wheel chair only, and van with slide lift only. The annual permit fee for all faculty/staff/student disabled parking is $35.00.

M. A faculty member, staff member, or student who wishes a parking permit must make application on a form available at the University Police Department, Parking Services Division.

Permit	Cost per year	Cost per semester
Administrative	$35.00	$17.50
Staff	$35.00	$17.50
Student	$35.00	$17.50
Motorcycle	$10.00	$ 5.00
Night	$17.00	$ 8.50

N. All permits will be valid for the time period designated. No refunds will be issued.

O. Day Passes and Temporary Permits may be obtained at the University Police Department, Parking Services Division, under special circumstances. Prices will vary due to parking area and length of time needed. Day Passes are available 24 hours a day, seven days a week.

P. Parking permit decals must be removed from a motor vehicle under the following conditions:
   1. Change of ownership - student.
   2. Termination of association by owner for which the permit is issued.
   3. Termination of the period for which the permit is issued.
   4. Receipt of a new permit superseding a prior permit.
   5. Cancellation for cause.

Q. Specifically designated spaces in various lots on the campus are available for motorcycle parking. Motorcycles with proper permits must park in these areas.

R. Short-term metered parking is provided primarily for visitors and is located near Blair Hall. Group visitor parking should be coordinated through the University Police Department, Parking Services Division.

Miscellaneous

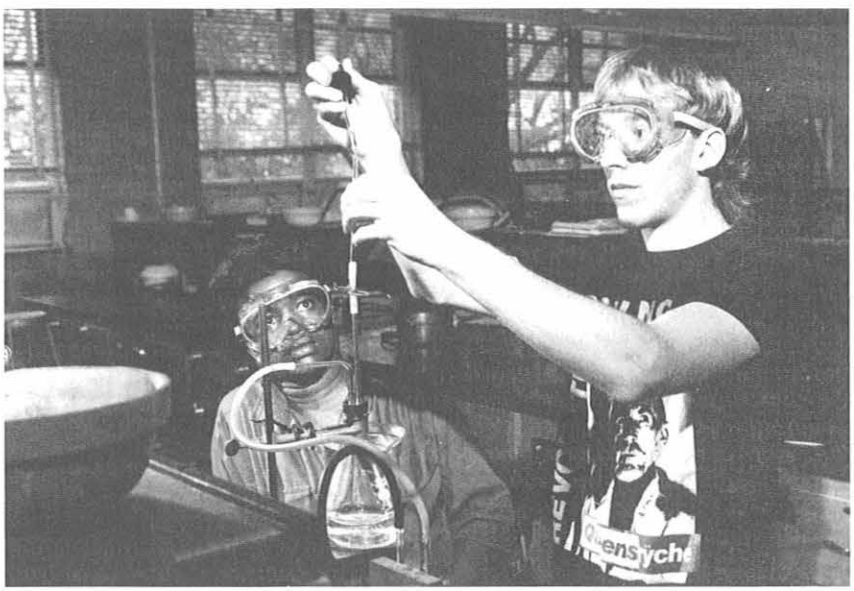
A. The University assumes no responsibility for the care and protection of any vehicle or its contents at any time the vehicle is operated or parked on the campus.

B. The person to whom a parking permit is issued is responsible for all parking violations involving his/her vehicle.

C. The temporary absence of a sign at the entrance of the parking area does not signal the removal of parking restrictions for that area. If restrictions are altered, notices will be posted, and the change will be effective immediately.

D. The University may amend these regulations at any time. Advance public notice of changes will be attempted.

E. From time to time it may be necessary to close all or certain parts of certain lots because of construction or special events scheduled by the University, or under similar circumstances. The Parking Services Division will endeavor to notify permit holders, through public notice, in advance of such closures, together with providing information on alternative parking.



III. Student Expenses, Housing, and Financial Aid

Expenses

Semester Fees

All fees are subject to change by action of the Board of Governors of State Colleges and Universities. Fees must be paid on or before late registration day of each term.

Note: An installment plan is available for Spring and Fall semesters. Installment billing consists of two payments with a service charge added to the initial payment. Contact the Registration Office for details.

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.

For Summer, a bill for the remaining amount owed will be sent out about four weeks after the term begins.

Residency Status

1. **Definitions**
   For purposes of this regulation, the following definitions pertain:
   a. An "adult student" is a student who is eighteen or more years of age.
   b. A "minor student" is a student who is less than eighteen years of age.
   c. An "emancipated minor student" is a completely self-supporting student who is less than eighteen 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 twelve 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 twelve 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 United 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 thirty (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(s) and the Chancellor, the Board may, in special situations, grant residency status to categories of persons otherwise classified as non-residents under this regulation.

Note: Part-Time students are not eligible for:
Health and Accident Insurance
Pharmacy Service
Student Legal Service

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

RESIDENCE HALLS	DOUBLE	SINGLE
Summer 1993		
Intersession	$231.00	$283.00
Five-Week Term	$297.00	$392.00
Eight-Week Term	$506.00	$602.00
Academic Year: 1992-93		
	Per Semester	**Year**
11-meal Option	$1377.00	$2754.00
14-meal Option	$1398.00	$2796.00
18-meal Option	$1428.00	$2856.00

University Apartments
As of August 15, 1992:

One-and-one-half-room Apartment	$235.00
Two-room Apartment	$254.00

University Court
As of August 15, 1992:

Buildings:	**4 persons**	**3 persons**	**2 persons**
Ringenberg, Gabbard, Giffin			
(without balconies)	$1266.00	Pro-rated accordingly	
(with balconies)	$1408.00	Pro-rated	N/A
Elliott, Hampton	$1408.00	Pro-rated	N/A
Saunders, Cooper	$1282.00	Pro-rated	N/A
Yorkshire/Lancaster/Bloomfield			
(without balconies)	$1472.00	N/A	N/A
(with balconies)	$1520.00	N/A	N/A

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

Fall '92/Spring '93

11-meal Option ..... $697 per semester
14-meal Option ..... $718 per semester
18-meal Option ..... $748 per semester

(Fourteen-meal plan is only plan offered during the summer.)

Student Housing

Living Accommodations

The housing program at Eastern Illinois University is based on the concept 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 must 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.

An exception to the housing policy will be granted upon proof of any one of the foregoing reasons. Exceptions may be made in the following manner:

1. Record of prior residency
2. Certified copy of marriage license
3. Eastern Illinois University records
4. Notarized statement from parents

RESIDENCE HALLS

University Residence Halls and Food 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 to group living and the University. Rooms are primarily for double occupancy although a few single, triple, and four-and five-person rooms are available, as are the four- and six-person suites in Stevenson Tower. Residence hall accommodations are as follows:

Andrews	480
Carman North	384
Carman South	432
Douglas	194
East	50
Ford	150
International House	54
Lawson	480
Lincoln	194
McKinney	150
Pemberton	201
Stevenson	360
Taylor North	295
Taylor South	297
Thomas	438
Weller	150

An application for residence hall space and board should be requested from Student 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 nonrefundable even if the student is not accepted to the University. Resi-

dence 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 Student Housing Office.

RESIDENCE HALL FEES

Housing Security Deposit

A $50 housing security 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

1992-93 charges for room and board in the University residence halls are: $1,377.00 per semester for the 11-meal plan, $1,398 per semester for the 14-meal plan, and $1,428 per semester for the 18-meal plan, if paid in full. There is an additional $23 per semester charge if paid in installments, on dates set by the University. Failure to make the advance payment according to the terms of the residence hall contract could result in cancellation of the residence hall contract and forfeiture of the Housing Security Deposit.

Room and board charges for the Summer Session and for camps and conferences will be forwarded upon request. In these cases, the student must inform the Housing Office in writing prior to the advance payment date for the succeeding semester.

The University reserves the right to increase residence hall rates, if necessary, during an academic year, with the understanding that at least forty-five (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) student teaches; 3) graduates; 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 move from the residence hall and do not officially withdraw from the University will be held responsible for the entire year's residence hall payments. 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, the full rent 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, the following charges shall be assessed:

6/16-6/30/93 & 12/2-12/6/93	$25 housing security deposit plus $100.00 late cancellation fee.
7/1-7/15/93 & 12/7-12/11/93	$25 housing security deposit plus $200.00 late cancellation fee.
7/16-7/31/93 & 12/12-12/17/93	$25 housing security deposit plus $300.00 late cancellation fee.
8/1-8/11/93 & 12/18-12/31/93	$25 housing security deposit plus $400.00 late cancellation fee.
8/12-8/21/93 & 1/1-1/9/94	$25 housing security deposit plus $450.00 late cancellation fee.
after 8/21/93 & after 1/9/94	$25 housing security deposit plus $500.00 late cancellation fee.

In addition, room and board charges will be charged prorated through the week in which the student officially checks out of the residence hall.

If the student cancels the contract after the June 15 deadline date 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.

Payment Dates and Late Payment Fees: Dates for full payment or installment payments of room and board are included in the residence hall contract. In the event the student cannot make payment on or before the deadline date, a deferment should be requested through the residence hall counselor or the Student Housing Office. Failure to make payment on the assigned date or the deferral date may result in the assessment of a $10 late payment fee.

GREEK COURT

Eastern now has twelve fraternity and sorority houses on campus.

UNIVERSITY COURT

University Court is a university-owned apartment complex composed of 145 apartments in eleven separate buildings which offers a unique style of apartment living for upper division students at the university.

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. The apartments are designed to provide inexpensive living facilities for families and single graduate students.

1992-93 rates are as follows: $235.00 per month for a one-and-one-half-room furnished apartment; $254.00 per month for a two-room apartment. Additional information may be requested from the Student Housing Office.

All assignments are made on the basis of date of application for housing according to the eligibility requirements listed below. The $50 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 5 semester hours. If a resident drops below the 5 semester hours, the resident will be asked to move.
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 faculty, civil service personnel and single undergraduates who have completed 90 semester hours or who are 24 years of age or over.

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 Governors of State Colleges and Universities 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 the 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 $2.00 fee is charged for each retake.

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 $2.00 fee for this examination (which can be taken only once).

Home Economics Breakage.
A fee of $2 or $5 is charged for material usage to students in clothing and food classes.

Late Registration Fee.
A fee of $25 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 $15.00 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 (1 semester, 2 semesters, or 3 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.

Placement Registration Fee.
There is a $10.00 fee for current graduates. Graduates after more than one year pay $25 to register their placement credentials with the Career Planning and Placement Center.

Proficiency Examination.
$10.00 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 $2.00 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 $10.00. Proper picture identification is required for reissuing an I.D.

Transcript Fee.
A fee of $2 will be charged for each transcript issued. Transcripts will be issued only for students whose records are clear.

Textbook Rental Service Fines.
Students not returning textbooks by announced deadlines at semester or term ends are subject to fines of $2.00 per book plus $ .25 per day per book with a maximum of $10.00 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.
$10.00 each examination.

Official Receipts

Official receipts for fees must be preserved by the student during the term involved. A fee of $1 will be charged for any duplicate official receipt obtained from the cashier.

Refunds

Exceptions to the tuition and fees refund policy must be submitted in writing to the Dean, Student Academic Services, for consideration. Appeals of denials of such requests may be made to the Vice President for Student Affairs, but no later than sixty 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 ten 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.

WITHDRAWAL (SUMMER AND OTHER SPECIAL TERMS)

First-Time Students.
Students who are in their first term of attendance and who withdraw from the University during the first three weeks of the eight-week or the five-week summer session by completing the procedure described in Section V will receive a prorated 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- and 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.

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 tenth 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 ten 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 Student Academic Services, Director or Associate Director of Admissions, one member of 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, or a parolee-refugee.
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 $300 per academic year to a maximum of $3150 (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.

Teacher Shortage Scholarship.
Students who train or retrain in certain categories of teacher shortage may apply directly to the Illinois State Board of Education, 100 N. First St., Springfield, IL 62777 for this scholarship which pays tuition and fees excluding revenue bond fees.

Women and Minorities in Administration Scholarship.
Students who are women, blacks, Hispanics, Asian Americans, American Indians, and Alaskan Natives and enrolled in approved certification programs may apply directly to the Illinois State Board of Education, 100 N. First St., Springfield, IL 62777 for this scholarship which pays tuition and fees excluding revenue bond fees.

Gifted Fellowship Program.
College graduates who are Illinois residents with career plans in gifted education may obtain this application from the Office of Financial Aid or by writing to the Illinois State Board of Education, 100 N. First St., Springfield, IL 62777. This scholarship pays up to a $2,000 maximum.

Mathematics/Science Traineeship Program.
Must be an Illinois resident, college graduate with a degree in math/science *OR* have a minimum of 30 semester hours in a program leading to an undergraduate degree in math/science. Students may obtain this application from the Office of Financial Aid or by writing to the Illinois State Board of Education, 100 N. First St., Springfield, IL 62777. This scholarship pays up to $1,000 maximum.

Paul Douglas Teacher Scholarships.
Must be a full-time Illinois undergraduate, a citizen or eligible non-citizen, graduated in top 10% of high school class, enrolled in Teacher Education and must apply for ISAC Monetary Grant. Obtain this scholarship application from the Office of Financial Aid and submit prior to May 30. Scholarship pays up to $5,000.

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 fee 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 be 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 must be an undergraduate, under 25 years of age, 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, 106 Wilmot Road, Deerfield, IL 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 study, pays tuition and mandatory fees. For further information contact the Illinois Student Assistance Commission, 106 Wilmot Road, Deerfield, IL 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 athletic and activity fees. Applications are available at any National Guard Armory and in the Office of Financial Aid. Applications are mailed to ISAC, 106 Wilmot Road, Deerfield, IL 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. At least ten new scholarships are awarded each year. 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. 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. Application should be made to the Financial Aid Director of the Community College involved. Benefits are the same as in (a.) above.

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 fees, and a subsistence allowance of $100 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-year 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 malfunction 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, IL 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.
This scholarship was established by the Board of Governors Universities. Approximately ten 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 annual award is presented to a junior history major.

Grants-in-Aid.
Eastern offers in excess of 200 grants-in-aid 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. Approved by the Board of Governors Universities, the Grants-in-Aid program is financed through a student grants-in-aid fee. Application should be made to the appropriate department.

International Student Scholarship.
This scholarship was established by the Board of Governors Universities; the number of awards available to students from other countries is limited. Intended to promote cultural exchange and diversity, the awards are based primarily on academic achievement and potential. 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 by the Board of Governors Universities 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 as of November 23, 1992. 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. Apply to the Director, Pre-Medical Program.

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 the Director of University Relations.

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.

Grace T. Bair Business Scholarship.
Established in 1992 by Grace T. Bair, this award goes to students admitted to the College of Business who carry a minimum grade point average of 3.5. The recipient must demonstrate exemplary character and noteworthy goals. Apply to the Lumpkin College of Business.

Elisha H. and Estella Ziegler Baumgartner Scholarship.
Established in 1991, this award was provided for 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.

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 majoring in mathematics, who demonstrates high scholastic standing. Financial need is a consideration. Apply to the Mathematics Department.

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.

Martha Elizabeth and Vernice Elizie 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, 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.

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 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 sophomore, junior, or senior majoring in Home Economics. Preference will be given to members of the Alpha Phi sorority. Apply to the department.

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 Fine Arts.

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. Apply to Dean, Lumpkin College of Business.

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

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 student, with preference being given to graduates of Cumberland High School in Toledo, Illinois. Financial need is a consideration. Apply to 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 Department of Botany, 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 Chairperson, 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 Department of Leisure Studies.

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.

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.

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 the College of Liberal Arts and Sciences. Apply to Dean, Lumpkin College of Business, or Dean, College of Liberal Arts and 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 departmental chair.

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 Dean, College of Education.

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.

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.

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.

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 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 department.

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 department.

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 College of Applied Sciences.

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 Liberal Arts and Sciences.

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 Fine Arts.

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, this award goes to a full-time Eastern senior journalism major committed to the role of a responsible free press in a democracy. Apply to the department.

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.

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 home economics with dietetics option. Apply to the department.

Elsie and Erson Giffin Scholarship.
Established in memory of Elsie and Erson Giffin, this scholarship goes annually to outstanding students enrolled in a home economics program. Apply to the department.

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. 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.

Timothy Gover and Clifford Fagan Scholarship.
Established in 1989 by Rudolph G. and Kathryn Hlavek, this award is given to Lumpkin College of Business students who come from low-income families or are otherwise underprivileged.

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 PE majors or minors. Apply to the Department of Leisure Studies.

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 social men's fraternity. Apply to the Office of Student Activities.

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. Apply to the Dean, Lumpkin College of Business.

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 geography or earth science. Apply to the department.

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 thirty-six 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 College of Education.

Bertha G. Hoedebecke Scholarship.
Established in 1991 in memory of George A. Gewe, this scholarship benefits junior elementary education majors from Montgomery or Effingham counties.

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.

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 Chairperson, Pre-legal Studies Program.

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.

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 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 Home Economics majors (with preference given to students enrolled in Home Economics Education) who have demonstrated service, professional involvement, scholarship, and leadership. Apply to the department.

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 Chairperson, 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 College of Business and demonstrating academic excellence. Financial need is a consideration. Apply to the Lumpkin College of Business.

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.

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

Keller Family Scholarship.
Established in 1990 by Thelma Keller, this award goes to a resident of East Central Illinois demonstrating financial need and scholastic achievement. Preference will be given to students majoring in Management or Marketing. Apply to the Lumpkin College of Business.

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."

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 department.

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 Indus-

trial Arts and Technology, this award is presented annually to an Industrial Technology major who intends to pursue a career in Industrial Technology. Apply to the department.

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 Chairperson, 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.

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.

Glenn Q. Lefler 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 Chairperson, Department of Physics.

Leisure Studies 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.

Sarah Adams Leitch Elementary Scholarship Created by Dr. Marian Wozencraft.
Established in 1992 by Dr. Marian Wozencraft in memory of her grandmother, this award goes to an elementary education major demonstrating financial need and good academic standing. Preference given to a widowed or divorced candidate who is raising a child or children under the age of 18. Apply to the department.

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 six junior or senior students, one from each undergraduate college within the University, who have been nominated by a department chairperson. Three awards are presented to students enrolled in teacher preparation curricula and three to students enrolled in any curriculum within the University. Each Lord Scholar receives a stipend and a medallion. Apply to the Alumi and Community Services office.

The Curtis D. MacDougall Newspaper Scholarship.
Established in 1987 as a memorial to the late Curtis D. MacDougall, this award is paid annually 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. Apply to the department.

John N. Maharg Vocal Music Scholarship.
Established in honor of Dr. John N. Maharg, Professor Emeritus of Music, this scholarship is presented annually to a high school senior or transfer student eligible for admission to the University who has demonstrated vocal or musical ability through audition. Apply to Chairperson, Department of Music.

Mathematics Alumni Scholarship.
Established in 1990 for an incoming math 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 second semester 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, *Mattoon Journal-Gazette,* this scholarship is awarded to an Eastern student majoring in journalism with a professional career objective. Apply to the department.

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 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 Graduate Scholarship.
Established in memory of Dr. Isabel McKinney, Head of Eastern's Department of English from 1922 to 1945, this award goes annually to a graduate student who has demonstrated high scholastic achievement. Selection of the recipient is made by the Scholarship Committee of the Department of English.

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 sophomore, 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 resident hall programs. Apply to Student Housing.

McNabb 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 Home Economics. Apply to Chair, McNabb Graduate Scholarship Committee.

Hal Middlesworth Student Publications Alumni Scholarship.
Established for the purpose of honoring student journalists, this award is presented annually to a staff member of student publications at Eastern. Apply to the Department of Journalism.

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.

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 in mathematics. Apply to the department.

The Bruce Allen White Montgomery Memorial Scholarship for Graphics/Journalism.
Established in 1991, this scholarship benefits Eastern sophomore and junior members of the student newspaper staff who demonstrate talent as graphic artists. Apply to the Journalism Department.

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.

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, an 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.

Ona Norton Scholarship.
Established in 1987 by the Concerned Citizens of Charleston to encourage, assist, and recognize Afro-American students at Eastern Illinois University, this award is presented to a full-time Afro-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 Minority Affairs.

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 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.

J.W. and Marilyn Oglesby Scholarship.
Established in 1990 by J.W. and Marilyn Oglesby, this award goes to a junior admitted to the College of Business who carries a minimum grade point average of 3.5. Apply to the Lumpkin College of Business.

Old Main Memorial 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 the President.

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.

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. Applications available each January 15 in the Office of Student Activities.

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.

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 student who gives promise of distinguished service in the field of chemistry. All eligible students are automatically considered.

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.

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.

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.

Jan Reetz Scholarship.
Established in 1991 by Jan Reetz, this award goes to a sophomore female varsity team player with the highest grade point average for a minimum of three semesters. The recipient's athletic competitive statistical excellence shall be considered. Apply to the Department of Athletics.

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 thirty-one years, this award is made annually to the highest ranking junior who has earned a minimum of thirty semester hours at Eastern Illinois University and who is pursuing the degree Bachelor of Science in 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.

Lawrence A. Ringenberg Scholarship.
Established in 1987 in honor of Dr. Lawrence Ringenberg, mathematician and Dean Emeritus of the College of Liberal Arts and 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.

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.

Roberson Business Scholarship.
Established in 1989 by Roger Roberson, this award goes to a junior or senior in the Lumpkin College of Business who demonstrates financial need and good moral values. The recipient must reside in the State of Illinois. Apply to the Lumpkin College of Business.

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. 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, while 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 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. Apply to the department.

James A. Saunders Scholarship.
Established in 1990, this award was created to recognize students who will 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 and who intends to complete the journalism major at EIU. Apply to Journalism Department.

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 student in chemistry and botany. All eligible students are automatically considered.

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.

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.

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. Apply to the department.

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 student in the life sciences who has demonstrated a definite interest in research or teaching.

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.

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 through the Lumpkin College of Business to Eastern Illinois students

who reside within the Central Illinois region and who demonstrate financial need and scholastic ability.

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.

Sigma Alpha Iota 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.

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. Selection is made by faculty members of the Lumpkin College of Business.

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

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

The C. Roger Sorensen Tennis Scholarship.
Established in 1991, this scholarship benefits deserving tennis players through the Athletic Department.

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 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.

Carol Specht Memorial Scholarship.
Established in 1987 in honor of the late Carol Specht to encourage and assist single-parent female students 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 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 as a teacher or research person. Selection of the recipient is made by a committee from the Department of Botany.

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.

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.

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 by the faculty of the Mathematics Department on the basis of excellence of scholarship in mathematics.

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 student in botany.

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; one to a fraternity member and one to a sorority member.

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.

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 Dorothee 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 first-year 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).

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.

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 student of music who demonstrates talent on a stringed instrument.

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 Director, University Relations.

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, the award goes annually to an outstanding Eastern journalism major. Apply to the department.

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 the humanities, social sciences, or natural sciences and must have demonstrated superior scholarship ability. Apply to specific 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 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.

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

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 athlete may receive the award in subsequent years.

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.

Wozencraft 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 majoring in mathematics, or for a scholarship to a mathematics major. Apply to 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.

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.

Emergency Loan Fund.
The amount of an Emergency Loan is limited to $100 for a maximum period of ninety 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 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 ninety 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 thirty 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 as determined by Eastern's short term loan officer. 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 ninety 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 Counseling Center.

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 ninety 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.

Stafford Loan Program.
The Illinois General Assembly has authorized an Illinois loan program to guarantee student loans made by commercial lenders. Maximum amounts to be borrowed are:

Freshmen	$2,625
Sophomores	$3,500
Juniors, Seniors	$5,500 per academic level
Graduates	$8,500
Program Maximum*	$65,500

(*This total includes all undergraduate and graduate loans.)

Application forms and additional information about this program are available from the Office of Financial Aid. Information can be obtained from the same office about the loan programs for parents of dependent undergraduates and for independent undergraduates and all graduate students.

Student Loan Fund.
In 1934 there was left to the University by the will of the late John L. Whisnand of Charleston, a portion of his estate as an endowment, the income from the endowment 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. 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; 7% 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 2% until maturity and 7% 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 with the Office of Veterans' Services. 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, IL 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, shall be eligible for the scholarship. It covers tuition and activity fee. For further information contact the Department of Veterans' Affairs, 126 W. Jefferson St., Springfield, IL 62705.

MONTGOMERY G.I. BILL - ACTIVE DUTY (Chapter 30 U.S. Code)

Eastern Illinois University is an approved institution for Veterans' Affairs benefit programs. Individuals eligible for the Old G.I. Bill (Chapter 34) as of December 31, 1989, and who meet certain eligibility criteria may also be eligible under Chapter 30.

Persons on active duty must have served a minimum of two years continuous active duty before becoming eligible to receive benefits for a minimum of 36 months of full-time study. Contact the Veterans Office for furthur details.

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 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 PELL GRANT (FORMERLY BEOG) provides for grants from $250 to $2400. The actual amount the student receives depends on the financial information reported on the application, whether the student is full-time or part-time, the length of enrollment, and the cost of education. Application forms are available at high schools, colleges, federal offices, social agencies, and the Office of Financial Aid.

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.

PERKINS LOAN FUND (Formerly National Direct Student Loan)

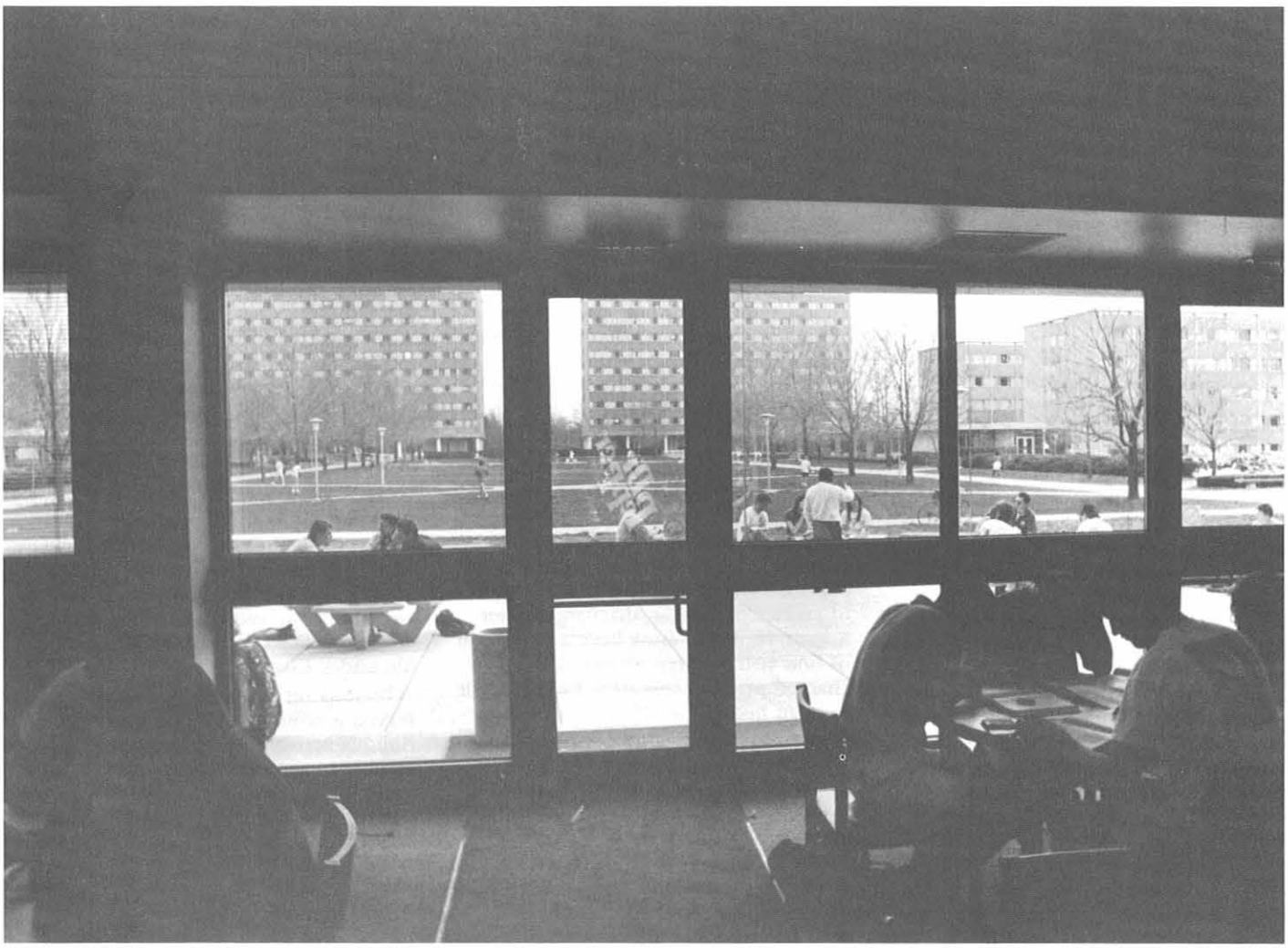
The Perkins Loan Program was established by the Educational Amendments of 1986. Eastern Illinois University has been accepted as a participant in the program. Loans will be provided to students in accordance with federal recommendations and regulations.

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

The Director of Financial Aid 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, IL 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. Completed applications should be on file no later than ten 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, this form must be completed by all students and returned to the University Health Service. Legislation requires that students not be allowed to register for a second semester if immunization 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

(Beginning Fall 1993)
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, 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.

BEGINNING FRESHMEN

The University will consider applications, dependent upon the availability of facilities and resources, from candidates who rank in the upper one-half of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 18 (SAT 700) *or* who rank in the upper three-fourths of their high school class based on six or more semesters *and* have an ACT composite standard score of at least 22 (SAT 890). Please note that all students who score beneath an acceptable level on the reading section of the ACT test are required to take a Nelson-Denny Reading Test. If they again score beneath an acceptable level, they are required to take GST 1000.

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

The University will consider admission applications, dependent upon the availability of facilities and resources, from candidates who have attended one or more other colleges and universities, provided such students have a cumulative grade-point average of 2.00 (4.00 grading scale) based on all college-level work attempted, as well as a 2.00 cumulative grade-point from the last institution attended. In order to be considered for admission, an applicant must submit official transcripts from all institutions attended. These would include each college or university, as well as the high school from which the applicant graduated. Transfer applicants with fewer than 30 semester hours of 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 their scores during the first term of attendance at the University.

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, provided that a student has no more than six such deficiencies.

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, 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 approved list of courses.

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. Credit for coursework used to make up high school subject area deficiencies shall not be used to meet General Education requirements; such credit may, however, be counted towards requirements for a major and toward graduation where applicable. Provisionally admitted students are expected to remove deficiencies by the end of the grading period in which they complete forty-four 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 regional accrediting agencies.

Graduates of high schools which are **neither** regionally accredited or recognized may not be considered for admission unless they have passed the General Education Development (GED) Test and obtained a High School Equivalency Certificate.

GUEST STUDENTS (undergraduates)

A Guest Student is one who is not seeking a degree at Eastern Illinois University and is not a former Eastern student, but wishes to take courses for credit. A Guest Student is permitted to apply for admission without official transcript(s) to the Office of Admissions. The student is required to sign the Disclaimer Statement certifying that he/she (1) has the necessary preparation for the course or courses in which he/she plans to enroll, (2) meets the normal admission eligibility criteria, (3) understands that admission as a Guest Student does not constitute admission to the University, (4) is aware that credits earned as a Guest Student may not be applicable to a degree program at this University. First-time freshmen are not eligible to enroll as guest students.

Each semester or term a student wishes to enroll as a Guest Student, he/she must submit a Guest Student application form and sign the Disclaimer Statement. The completed form is to be returned to the Office of Admissions. Once enrolled as a guest student for a specific term, the student must remain a guest student until he or she completes that semester.

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 proceeding 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 or may not be acceptable to, or 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 Student 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 8 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 8 on the ELS will be required to enroll in English as a Second Language I (ENG 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 (ENG 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.

MINORITY ADMISSIONS PROGRAM

Minority students who do not meet regular admission requirements may be considered for admission to the Minority Admissions Program (MAP). Admission to the program 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 Minority Admissions 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 MAP candidates who have an ACT composite standard score of at least 10 non-enhanced or 14 enhanced (SAT 560) *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 MAP admission application, applicants must submit a writing sample, a completed participant agreement, and at least 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.

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 MAP Advisory Committee chaired by the Director of Minority Student 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 MAP 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.

MAP 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 MAP Advisory Committee.

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

Admission Procedures

All applicants must submit a $25 nonrefundable 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, IL 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, IL 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 freshmen 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 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 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 course work 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 last 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 course work subsequent to last attending Eastern will suffice until the official transcript can be sent at the end of the term.

Former undergraduate students dismissed for low scholarship must remain out of the University for at least one regular semester (Summer Term excluded). At the end of this period, students dismissed one time will be automatically eligible for reinstatement and may re-enter the University provided they indicate their intentions to do so prior to established deadlines. Any student dismissed from EIU for academic reasons must enroll in GST 1000 during the term in which he or she reenters the University as a condition of reinstatement. Reinstated students reenter 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 Committee on Reinstatement. Petitions for reinstatement must be submitted at least twenty days prior to the official registration day of the term in which the student wishes to enroll. An earlier closing date may be announced in the public press.

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 course work 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 course work 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.

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

Prior to enrollment, activities are scheduled through the Office of Orientation to acquaint new students and their parents with the University. During the semester prior to arrival on campus, undergraduates enrolling at Eastern Illinois University for the first time, whether as first term freshmen or as students with advanced standing, are required to attend the orientation program. The EIU Debut Orientation program at this time is designed to familiarize new students with University policies and general campus information. This includes information concerning the educational, social, and recreational opportunities available on campus. At this time, the University will provide new students with the academic advisement required for enrollment in classes. Required placement tests will also be administered.

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.

Academic Assistance

NEW STUDENTS

Each new student is assigned to an advisor who assists him/her in the preparation of his/her academic program. During orientation or enrollment days the advisor and the student plan the program jointly.

It is expected that a student will select one of the curricula of the University and that the student and his/her advisor will plan courses that are consistent with the University requirements.

FORMER STUDENTS

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

STUDENTS CHANGING MAJORS

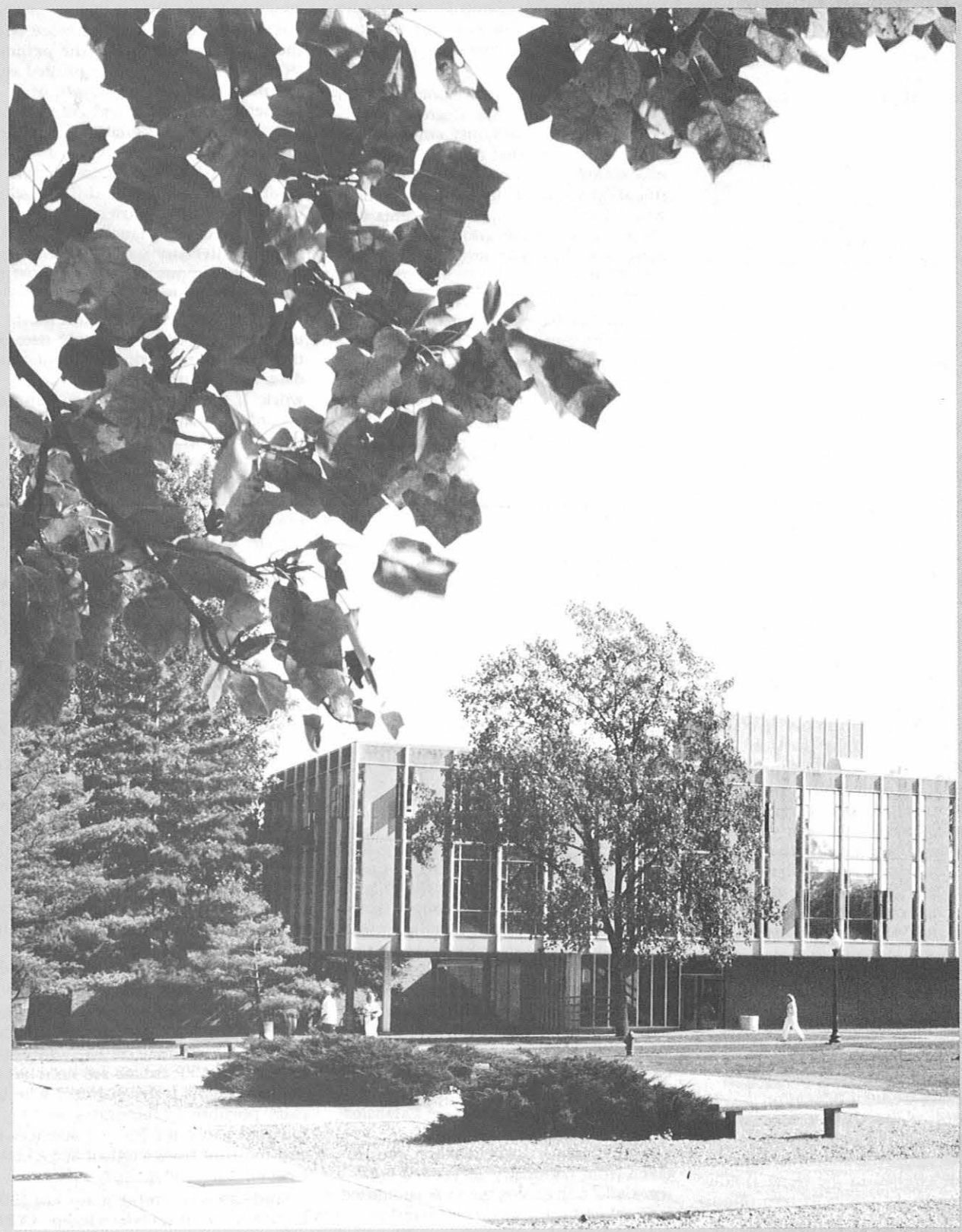
Students who wish to change their degree, major, option or minor should consult with their advisor and then complete the proper form in the Office of the Dean, Student Academic Services. It is important to make the change *prior to registering*.

Unclear Records

The academic records for students who have outstanding obligations with such departments as Booth Library, Athletic Department, Textbook Rental Service, Financial Aids, 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 includes withholding grade reports and *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.

Generally, 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 majors may count six semester hours in physical education activity courses.

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.

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 course work 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 courses which have been accepted as approved substitutes for appropriate courses in the General Education Integrated Core at Eastern Illinois University. 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 the Registrar 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.

Students who enroll at Eastern Illinois University with transfer credits, CLEP scores, PEP scores, and/or Advanced Placement scores may be given credit only in those areas not duplicating credit.

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.

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 tenth class day of the semester. The time periods for Summer Session, which are reduced proportionately, are established by the Dean, Student Academic Services. Changes from Credit/No Credit to traditional grade status are permitted through the last class day to withdraw from classes.

Limits.
A maximum of twelve 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. Furthermore, courses offered on Credit/No Credit basis only are exempt from the following exclusions:

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.)

Declaring a Major

If an undergraduate is listed as undecided or 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 Office of the Dean for Student Academic Services (Old Main 116).

Honors Programs

Eastern Illinois University offers the 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; permission of the Director of the Honors Programs and 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 or tuition waivers in recognition of their scholastic abilities.

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 students 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.

Bases 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 no longer is 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 $26 \div 13 = 2.00$.

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.

SEMESTER HOURS

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 9 semester hours of academic courses at Eastern Illinois University. Students who attempted less than 9 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 minimun 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. At the end of this period, students dismissed for the first time will be automatically eligible for reinstatement and may re-enter the University provided they indicate their intentions to do so prior to established deadlines. Any student dismissed from Eastern Illinois University 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 and may not be reinstated a second time except by approval of the Committee on Reinstatement.

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. If a grade of W, WP, or WF is recorded for the course, it may be changed to reflect the disciplinary sanctions, 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.

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 . . . . . with 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 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 8 semester hours during an eight-week summer term, 5 semester hours during a five-week summer term, and 3 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 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.

Repeating Courses

ALL STUDENTS

Students may repeat courses in which grades of "D," "F," or "NC" (NOT "A," "B," "C," or "CR") were received. They are then subject to applicable regulations under the catalog heading "COURSE ENROLLMENT."

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. Once the on-line record system is fully functional, 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 course being repeated must be taken within the three grading periods of the student's residency following the grading period in which the original grade was earned or the next time the course is offered. The student must not have been enrolled in or received credit for, or be enrolled in, 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 unless prevented by an illness, official University activity, or emergency. Each instructor sets his or her own policy with respect to class attendance, and excuses for absences from class are handled between the student and the instructor.

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 who plan to use attendance directly in determining the final grade must have written department approval and must indicate this intention and the reason, in writing, on the first day of class. A student who is absent from class, for whatever reason, is held responsible for material covered in his or her absence and should meet with the instructor to arrange for any make-up work. Whenever possible, the student is also expected to notify the instructor in advance of anticipated class absences.

If the instructor believes verification of an illness treated by the University Health Service is warranted, the instructor may call the Health Service. (The student must have signed the proper release form provided by the Health Service before the physician can release any information.) If a student establishes a pattern or record of absences which becomes a matter of concern to the instructor, the instructor may notify the Vice President for Student Affairs of the student's absence record, requesting that inquiries be made concerning the absence. The Vice President for Student Affairs shall serve as the University contact person when catastrophic events result in extended student absences.

Any student who feels that he or she has been dealt with unfairly concerning absences or 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

A final examination schedule is published in the Official Notices of *The Daily Eastern News* several times during each semester or term. Students are urged to review the schedule early in the term to avoid conflicts.

Students with three final examinations on a single day may submit requests to change the date of one of the final examinations through the Office of the Dean, Student Academic Services. Forms for such requests should be filed no later than five class days prior to the first final examination day of each term. Students should not request instructors to deviate from the published examination schedule. Requests for changes in times of final examinations, other than by reason of three in one day or medically related situations, will not ordinarily be approved.

Withdrawal from a Course

1. Within the first ten class days of a semester, a student may withdraw from a course (or from the University) without a grade.
2. After the first ten class days, but prior to the 63rd calendar day of the semester, a student may withdraw from a course (or from the University) with a grade of "W."
3. A student who withdraws on or after the 63rd calendar day of a semester will receive a grade of "WP" if he/she is passing the course or a grade of "WF" if he/she is failing the course. However, no student may initiate withdrawal from a course (or from the University) later than a period beginning 35 calendar days prior to the first regularly scheduled final semester examination. Summer Session cutoff dates, which are reduced proportionately, are established and announced by the Dean, Student Academic Services.

For refund of fees, where applicable, see Section III.

Withdrawal from the University

When a student withdraws from all courses via Touch-Tone, he or she will be instructed to contact the Registration Office, where the student will complete a withdrawal form.

Any student who wishes to withdraw from the University before the end of a semester or summer term must complete a withdrawal form in the Registration Office. Upon completion of this form, the student is officially withdrawn from the University and the Registration Office notifies appropriate departments and agencies of the withdrawal. When submitting the withdrawal form, the student will be given a list of offices to consult; consulting with these offices will ensure that the student has met all obligations to the University.

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

Policies covering the withdrawal of students from school because of a call to active military duty are administered by the Dean, Student Academic Services.

Rules governing grading practices upon withdrawal from the University are the same as for withdrawal from a course. For refund of fees, where applicable, see Section III.

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.

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.

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.

REQUIREMENTS FOR THE BACHELOR'S DEGREE FOR STUDENTS ENTERING THE UNIVERSITY AS OF FALL, 1992:

The 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 (2) hours of which will be Senior Seminar.[1]
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.*
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. Successfully complete the Writing Competency Examination which is to be taken after a student has sixty semester hours of credit, including credit for English 1001C and 1002C, or the equivalent.[3]
9. Successfully complete a cultural diversity course that would be met by the Foundations of Civilization Segment of the Integrated Core or by any of a list of existing university courses formulated by the Council on Academic Affairs.
10. 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.
11. 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 Eastern Illinois University.

[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 1992 who have completed one year in a single foreign language in high school with a grade of "C" or better will have satisfied this requirement. Students entering as freshmen in Fall, 1993 and thereafter must have completed **two** years in a single foreign language in high school with a grade of "C" or better 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 the cooperative programs.

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 also earn a "second major" by completing the requirements for that second major as listed in the General 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.

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 Records 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

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.)

PLACEMENT OFFICE

Registration with the Placement Office is recommended early during the placement year prior to graduation with any degree. The placement year begins September 1st and concludes August 31st.

Transcripts

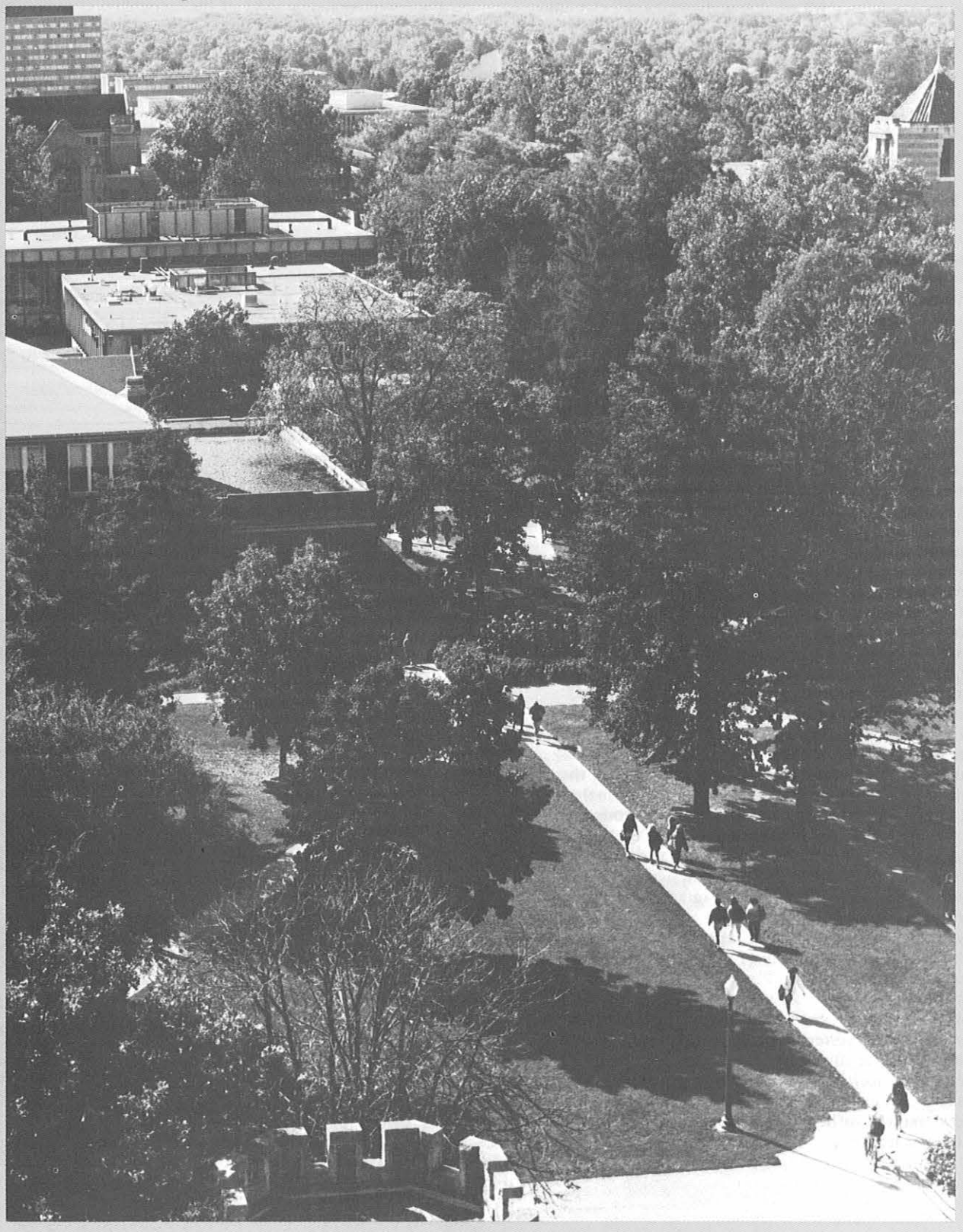
The Records Office will make a transcript of the academic record of a student when requested to do so. Unless specific instructions are given to the contrary, it is understood that the Records Office has permission of the student to send his/her transcript to employing and certifying agencies, such as 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 $2.00 is charged for each transcript issued. Transcripts will be issued only for students whose records are clear.

VI. General Education, General Education Course Descriptions



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: 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 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.

Segments in the integrated core include:

Cultural Experience - 6 semester hours
Foreign Languages - 0-6 semester hours
Foundations of Civilizations - 3 semester hours
Human Behavior, Social Interaction, and Well-Being - 6 semester hours
Language - 9 semester hours
Quantitative Reasoning and Problem Solving - 3 semester hours
Scientific Awareness - 8 semester hours
Senior Seminar - 2 semester hours
United States Constitution - 3 semester hours

Students should note that 8 semester hours of upper division core courses are required. Each course offered in the Integrated Core will be writing intensive.

Courses of the Integrated Core Listed by Segment:

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

2310C. ART **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 **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 **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.

2650C. ART **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 **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. Prerequisites: Admission to the University Honors Program.

3610C. ART **African Art. (3-0-3) F, S.** A comprehensive study of the styles and functions of African Tribal Arts. Open to Art majors for elective credit only.

2010C. FAR **Arts Omnibus. (2-2-3)** 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.

2012C. FAR **Nonwestern Fine Arts. (3-0-3) F, S.** Fine Arts from outside the European and North American traditions will be examined.

2555C. MUS **Experiencing Music 1, 2, 3. (3-0-3)** Music appreciation for the general student — listening and responding to music in its cultural context. 1: Experiencing Music with live, in-class Encounters; 2: Experiencing Music with the music of African Americans; 3: Experiencing Music with Jazz and Rock Music. Open to Music majors for elective credit only.

3553C. MUS **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. (2562C) MUS **Nonwestern Music. (3-0-3) F, S.** Folk and Art Music from Asia, Africa, and/or South America will be considered.

3593C. MUS **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.

2900C. PED **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.

2140C. (1140C) THA **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. (1190C) THA **World Theatre and Society, Honors. (3-0-3) On demand.** Introduction to the 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. Prerequisite: Admission to the University Honors Program.

Philosophy and Literature Component

2009C. ENG **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: ENG 1002C.

2010C. ENG **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: ENG 1002C.

2011C. ENG **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: ENG 1002C.

2090C. ENG **Literary Masterworks, Honors. (3-0-3) On demand.** An analysis of a group of 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: ENG 1002C or 1092C and admission to the University Honors Program.

2091C. ENG **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: ENG 1002C or 1092C and admission to the University Honors Program.

2099C. ENG **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: ENG 1002C or 1092C and admission to the University Honors Program.

3009C. ENG **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: ENG 1002C.

3099C. ENG **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: ENG 1002C or 1092C and admission to the University Honors Program.

1500C. PHI **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.

3753C. THA **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.

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.

Foreign Languages — 0-6 semester hours

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 a grade of C or better to have satisfied this requirement.

2010C. CDS **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. 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 **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.

1101C. FRE **Elementary French I. (3-0-3) F, S.** Emphasis on conversation, cultural readings, and grammar. Extensive use of language laboratory. Students with two years or more of high school French may not take this course for credit without permission from the department chairperson.

1102C. FRE **Elementary French II. (3-0-3) F, S.** Emphasis on conversation, cultural readings, and grammar. Extensive use of language laboratory. Prerequisite: French 1101C. Students with three years or more of high school French may not take this course for credit without permission from the department chairperson.

1101C. GER **Elementary German I. (3-0-3) F, S.** First semester of a two-semester course in which the four skills of speaking, listening, reading and writing Modern German are equally emphasized. Students with two years or more of high school German may not take this course for credit without permission from the department chairperson.

1102C. GER **Elementary German II. (3-0-3) F, S.** Second semester of a two-semester course in which the four skills of speaking, listening, reading and writing Modern German are equally emphasized. Prerequisite: German 1101C or equivalent. Students with three years or more of high school German may not take this course for credit without permission from the department chairperson.

1101C. LAT **Elementary Latin I. (3-0-3) F.** Fundamentals of Latin leading to an understanding of the structure of classical Latin and reading knowledge of simple texts. Special attention is given to the influence of Latin on English and to Roman civilization and culture during the time of the Roman Empire. Students with two years or more of high school Latin may not take this course for credit without permission from the department chairperson.

1102C. LAT **Elementary Latin II. (3-0-3) S.** Continuation of Latin 1101C. Further study of the structure of Latin to be accompanied by more advanced readings. Emphasis on Classical mythology. Prerequisite: Latin 1101C or two years of Latin in high school or consent of instructor. Students with three years or more of high school Latin may not take this course for credit without permission of department chairperson.

1101C. RUS **Elementary Russian I. (3-0-3) F.** Emphasis upon reading, speaking, and understanding Russian. Students with two years or more of high school Russian may not take this course for credit without permission from the department chairperson.

1102C. RUS **Elementary Russian II. (3-0-3) S.** Emphasis upon reading, speaking, and understanding Russian. Prerequisite: Russian 1101C or two years of Russian in high school. Students with three years or more of high school Russian may not take this course without permission of department chairperson.

1101C. SPN **Elementary Spanish I. (3-0-3) F, S.** Emphasis upon conversation, grammar, reading, culture; extensive use of language laboratory. Students with two years or more of high school Spanish may not take this course for credit without permission of department chairperson.

1102C. SPN **Elementary Spanish II. (3-0-3) F, S.** Continuation of Spanish 1101C. Emphasis on conversation, grammar, reading, culture. Extensive use of language laboratory. Prerequisite: Spanish 1101C. Students with three years or more of high school Spanish may not take this course for credit without permission of department chairperson.

Foundations of Civilizations — 3 Semester Hours

3620C. ART **The Historical Context of Art Production. (3-0-3) S, Su.** 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.

3690C. ART **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 relevence 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.

2100C. ENG (PHI) **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: ENG 1002C.

2200C. ENG (PHI) **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: ENG 1002C.

1100C. GEG **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 **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.

1500C. HIS **Historical Foundations of Civilizations. (3-0-3) F, S.** The study of the development of world civilizations from the earliest peoples to modern global interdependence, with an emphasis on global themes and global interactions.

1590C. HIS **Historical Foundations of Civilizations, Honors. (3-0-3) On demand.** The 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.

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.

2200C. ANT **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 **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.

2171C. EDF **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.

1200C. GEG **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 **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.

2001C. JOU **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 JOU 2001C and SPC 2001C.

2091C. JOU 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 JOU 2091C and SPC 2001C. Prerequisite: Admission to the University Honors Program.

2253C. PLS 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 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.

2750C. SOC Social Problems in Contemporary Society. (3-0-3) Sociological analysis of the historical development, definitions and nature of social problems, grounded within theoretical frameworks.

2890C. SOC 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.

2001C. SPC 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 SPC 2001C and JOU 2001C.

2091C. SPC 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 SPC 2091C and JOU 2001C or 2091C.

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

2800C. ECN 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 ECN 2801 or ECN 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.

3700C. HIS 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.

3790C. HIS Turning Points in the History of Religion and Sciences, 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.

3001C. LAS 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.

2500C. PHI 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.

2309C. WST Women, Men, and Culture. (3-0-3). Examines gender role and development from a variety of theoretical and multidisciplinary perspectives within a variety of contexts: political, economic, religious and social.

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

2000C. HST 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.

2472C. HEC 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. HEC 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. Prerequisite: English 1002C and admission to the University Honors Program.

2850C. PED 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 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.

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.

1001C. ENG Composition and Language. (3-0-3) 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: ENG 1000 or proficiency in basic skills as determined by the English Department.

1002C. ENG Composition and Literature. (3-0-3) A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisite: ENG 1001C.

1091C. ENG Composition and Language, Honors. (3-0-3) F. 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 Composition and Literature, Honors. (3-0-3) S. A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisites: ENG 1001C or 1091C and admission to the University Honors Program.

1310C. SPC Introduction to Speech Communication. (3-0-3) 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 Introduction to Speech Communication, Honors. (3-0-3) Fundamental principles of selecting, analyzing, evaluating, organizing, developing and communicating information, evidence, and points of view. Prerequisite: Admission to the University Honors Program.

Quantitative Reasoning and Problem Solving — 3 semester hours

1160C. MAT 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: ENG 1001C. This course should not be considered as preparatory for other courses in mathematics.

1170C. MAT 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: ENG 1001C. This course should not be considered as preparatory for other courses in mathematics.

1180C. MAT The 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: ENG 1001C. This course should not be considered as preparatory for other courses in mathematics.

1441C. MAT 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 MAT 1300 and 1330.

1491C. MAT Calculus and Analytic Geometry 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. MAT 1491C will fulfill the requirements of MAT 1441C or MAT 2110C. Prerequisites: Satisfactory Level III placement score on the mathematics examination and admission to the University Honors Program.

2110C. MAT Mathematical Analysis. (3-0-3) F, S. Differentiation and integration of polynomial, rational, exponential, and logarithmic functions, with applications to business and social science. Prerequisite: MAT 1271 or 1300 with a C or better, or satisfactory Level II placement score.

2120C. MAT Finite Mathematics. (3-0-3) F, S. Elementary counting theory, probability, linear programming, with applications to business and social science. Prerequisite: MAT 1271 or 1300 with a grade of C or better, or satisfactory Level II placement score.

2190C. MAT Finite Mathematics, Honors. (3-0-3) On demand. Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisite: Mathematics 1271 or 1300 or satisfactory Level II placement score, and admission to the University Honors Program.

2250C. MAT 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: High school algebra and geometry, or MAT 1270, or satisfactory Level II placement score.

2290C. MAT 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: High school algebra and geometry, or Mathematics 1270, or satisfactory Level II placement score, and admission to the University Honors Program.

2420C. MAT Introductory Geometry. (3-0-3). F, S. The study of the concepts and theory of geometry via the problem-solving approach, using both calculators and microcomputers throughout. Prerequisite: MAT 1420, or satisfactory score on the first introductory mathematics placement test (IMPT1).

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

1000C. BOT 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.

1050C. BOT 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.

1090C. BOT 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. Prerequisite: Admission to the University Honors Program.

2000C. BOT The Mystery of Microbes. (2-2-3) The characteristics and activities of microorganisms with special emphasis on their significance to society. Not open to those with credit or registration in BOT 3300. Not to count in the Botany major or minor.

3010C. EVB 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 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.

1001C. LFS 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.

1091C. LFS 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.

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.

1091C. ZOO **The 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.

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.

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 LFS 3200.

3091C. ZOO **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.

Physical Sciences

1040C. CHM **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.

2040C. CHM **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.

3040C. CHM **Developments in Science and Technology. (3-0-3) S.** This course explores the historical development and the 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.

1400C. ESC **Weather and Climate. (3-2-4) F, S.** The 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 **Weather/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 required; field trips. Prerequisite: Admission to the University Honors Program.

3010C. GEL/ ESC **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 EVB 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 **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 ESC 3010C, Environmental Physical Science.

1300C. GEL/ ESC **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. (This course replaces GEL 1400 and ESC 1420.)

1390C. GEL/ ESC **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.

3300C. GEL/ INT **Science and Technology: A Promise or a Threat? (2-0-2)** Understanding science and technology, their impact on the advancement of societies and their social and cultural consequences.

2200C. INT/ PHY **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.

1050C. PHY **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 **Physics of the Modern World. (3-0-3)** An introduction to some of the revolutionary ideas of modern physics and how their applications have shaped our modern technological society.

1054C. PHY **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.

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 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.

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.

4004C. EIU **The Mid-East—Religions, Resources, and Politics. (2-0-2)** The development of an understanding of the principles of the religion of Islam and its direct influence on the political structure and stability of the Middle East, an area of ultimate importance to the technically developed world. Majors in Sociology 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 View of Mankind in Contemporary Society. (2-0-2)** An investigation into the historical development and the current validity of the Romantic view of mankind. Questions as to the criminal as a victim of society, children as models of "natural" spontaneity, and the influence of society on the "good" and "evil" nature of the human being will be examined in contemporary literature. 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 life styles of individuals and families. Emphasis will be placed on developing general decision-making skills for adapting to consequences of technology within society. Majors in Home Economics 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.

4020C. EIU **East-West Relations in the Twentieth Century. (2-0-2)** An examination of the current state of East-West relations and discussion as to their history and evolution. Considerations will include geographic, political, and economic policies and characteristics of the dominant blocs in today's world. Majors in History are excluded.

4021C. EIU **Leisure Time: The American Perspective. (2-0-2)** Leisure has become recognized as a basic component of the American life style. 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 College of Business 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.

4026C. EIU **Art in Social Context. (2-0-2)** An examination through art history of the numerous ways in which the visual media can influence the public's perception of men and women in power or pursuing positions of power. Majors in Art, Music, and Theatre Arts 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.

4028C. EIU **Information Literacy. (2-0-2)** An exploration of the fabric of information, the common commodity of an information-based society; how it is created, accessed, evaluated, and used. Moral, legal, and economic issues will be discussed. No students are excluded.

4029C. EIU **Images of Business in Literature and Film. (2-0-2)** This course is designed to focus on images of modern work, the "organization person," and the influence of business organizations on the individual and on contemporary society as presented in film and literature. Majors in English and Speech Communication 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.

4032C. EIU **Civil War—Stonewall Jackson's Valley Campaign, Honors. (4-0-4)** A study of Jackson's Valley Campaign in Virginia through reading, discussion and field trip to the area involved. Students will consider the politics, military strategy, equipment, geography, transportation systems, then-current technology, troop discipline, and Presidential objectives involved. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs. Majors in History 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.

4035C. EIU **Development of the Modern World, Honors. (4-0-4)** The course will trace the development of the modern world view since the Middle Ages with emphasis on the relationship between the major events of each period and the dominant ideas. To enroll, students must be admitted to the University Honors Program and have the permission of the Director.

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.

4038C. EIU **American College Students and the Campus Scene: Profiles and Prospects. (2-0-2)** An examination of the life-styles, attitudes, and values of contemporary college students. The psycho-social and intellectual development of undergraduates is discussed. The Campus Dissent Era is reviewed, and prospects for renewed campus activism are considered. 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.

4040C. EIU **Society and Chemical Science: Acid Rain, Honors. (4-0-4)** This course will examine the interaction between science and society using the currently fashionable set of problems collectively known as "acid rain" as a vehicle. The nature and limitations of scientific knowledge will be illustrated and compared with other sources of information. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs. Majors in Chemistry are excluded.

4041C. EIU **Civil War—The Atlanta Campaign from Chattanooga to Ezra Church, Honors. (4-0-4) Su.** A seminar-discussion course built around classroom experiences as well as a field trip to Atlanta and return, via river transport, if possible. The students will gain insight into contemporary scholarship regarding the Civil War and its relationship to current conflicts. Prerequisites: Admission to the University Honors Program, and permission of the Director of Honors Programs. Majors in History are excluded.

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.

4044C. EIU **American Education: The Immigrant Dream and the Reality. (2-0-2) On demand.** This seminar will focus on the efforts of the dominant culture in American society to use formal education and the public schools as a socializing instrument to impose values, beliefs, and behaviors on members of immigrant ethnic and racial groups and on the responses of those groups to Americanization. Majors in Education are excluded.

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.

4050C. EIU **Computer Ethics. (2-0-2) On demand.** The course will investigate current ethical issues involving computers. While it is not a "computer course," students will make frequent use of postings on the electronic bulletin board of the ECN mainframe computer to research and discuss ethical issues. Prerequisites: 75 semester hours and previous experience with computers.

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 Home Economics 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, the completion of 75 semester hours, and the permission of the Director of Honors Programs.

4053C. EIU **Political Revolutions. (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 the Honors Program.

United States Constitution — 3 semester hours

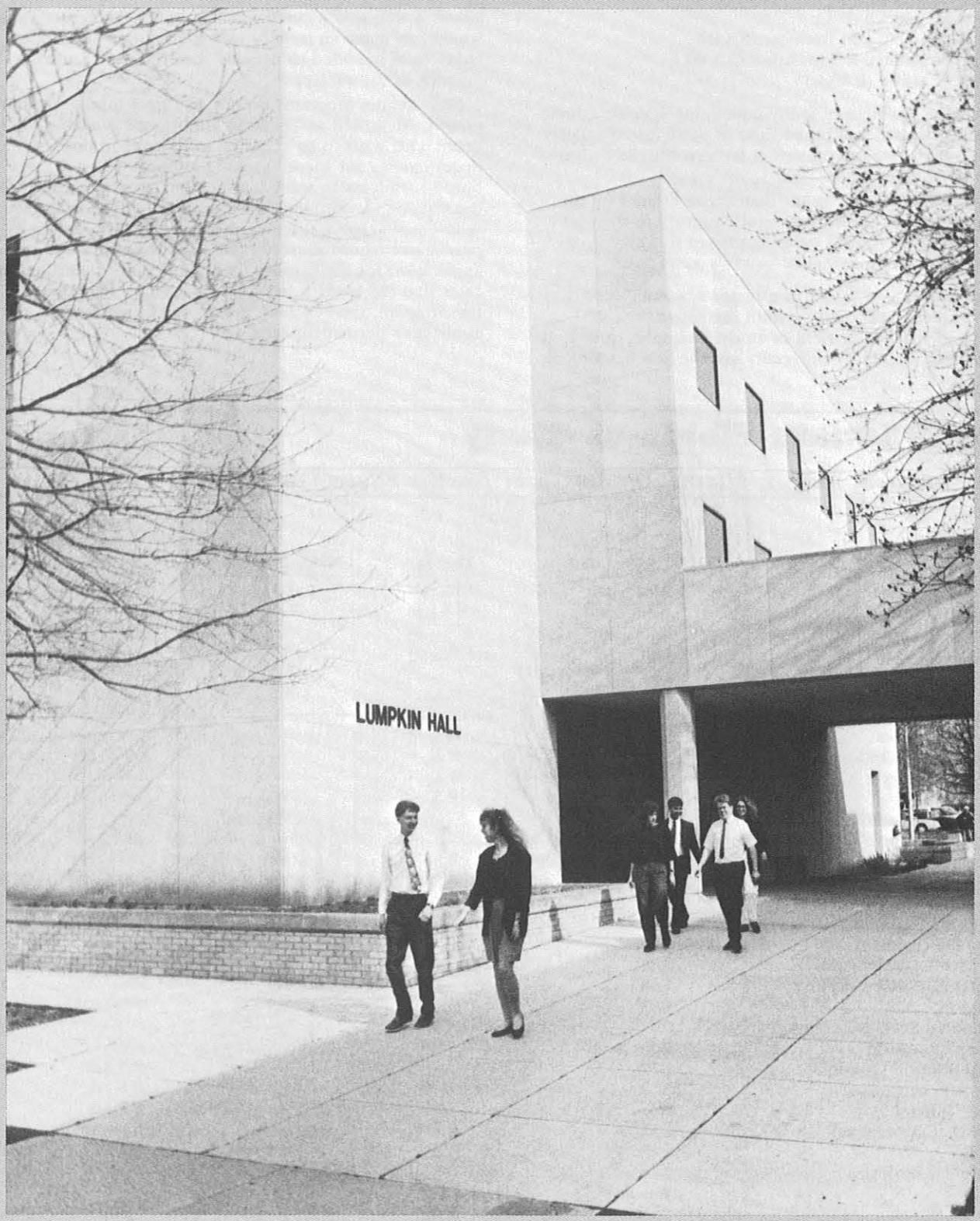
1600C. (2000C) HIS **The U.S. Constitution and the Nation. (3-0-3)** A survey of the origin and development of the Constitution and its impact on the history of the United States.

1690C. (2093C) HIS **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.

1153C. PLS **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 **American Government and Constitution, Honors. (3-0-3). On demand.** 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. Prerequisite: Admission to the University Honors Program.

VII. Fields of Study



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.

A student with a major other than those offered by the Lumpkin College of 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 and the Chemistry Management Option in the Chemistry major. For specific information on the options available in each major, look under the descriptions of the majors in the 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 the 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 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.

Undergraduate Fields of Study

Degree Programs, Majors, Minors, Options, and Teacher Education Programs

Major/Options	School/College	Degree	Minor Available	Teacher Certification Available	
				Option	Minor
Accounting	Business	B.S.B.	—	—	—
Administrative Information Systems	Business	B.S.B.	—	—	—
Adult Education (minor only)	Education	—	Yes	—	—
Afro-American Studies	LAS	B.S.	Yes	—	Yes
Anthropology (minor only)	LAS	—	Yes	—	—
Art	Fine Arts	B.A.	Yes	B.A.	—
Art History Option		B.A.	—	—	—
Studio Art Option		B.A.	—	—	—
Graphic Design Option		B.A.	—	—	—
Board of Governors B.A. Program		B.A.	—	—	—
Botany	LAS	B.S.	Yes	B.S.	—
Business Administration (minor only)	Business	—	Yes	—	—
Business Education	Business	—	—	B.S.B.	Yes(1)
Career Occupations	Applied Sciences	B.S.	—	—	—
Chemistry (4)	LAS	B.S.	Yes	B.S.	Yes
Management Option		B.S.	—	—	—
Communication Disorders and Sciences	LAS	B.S.	—	B.S.(3)	—
Computer Management	Business	B.S.B.	—	—	—
Creative Writing (minor only)	LAS	—	Yes	—	—
Earth Science (minor only)	LAS	—	Yes	—	Yes
Economics (4)	LAS	B.A.	Yes	—	—
International Studies Option		B.A.	—	—	—
Elementary Education	Education	B.S.Ed.	—	—	—
Early Childhood Option		—	—	B.S.Ed.	—
Middle School Option		—	—	B.S.Ed.	—
General Option		—	—	B.S.Ed.	—
Engineering (Cooperative)	LAS	B.S.	—	—	—
English (4)	LAS	B.A.	Yes	B.A.	Yes
Environmental Biology	LAS	B.S.	—	—	—
Finance	Business	B.S.B.	—	—	—
French	LAS	B.A.	Yes	B.A.	Yes
Geography (minor only)	LAS	—	Yes	—	Yes
Geology	LAS	B.S.	Yes	—	—

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 studies 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 CUGPA 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

Degree Programs, Majors, Minors, Options, and Teacher Education Programs

Major/Options	School/College	Degree	Minor Available	Teacher Certification Available: Option	Teacher Certification Available: Minor
German	LAS	B.A.	Yes	—	Yes
Health Communication (minor only)	Interdisciplinary	—	Yes	—	—
Health Studies	HPER	B.S.	—	B.S.	Yes
Community Health Option		B.S.	Yes	—	—
History (4)	LAS	B.A.	Yes	B.A.	Yes
International Studies Option		B.A.	—	—	—
Home Economics (4)	Applied Sciences	B.S.	Yes	B.S.	Yes
Dietetics Option		B.S.	—	—	—
Family Services Option		B.S.	—	—	—
Home Economics in Business Option		B.S.	—	—	—
Industrial Technology	Applied Sciences	B.S.	Yes	—	—
Manufacturing Technology Option		B.S.	—	—	—
Journalism	LAS	B.A.	Yes	—	Yes
Junior High School Education	Education	B.S.Ed.	—	B.S.Ed.	—
Latin American Studies (minor only)	Interdisciplinary	—	Yes	—	—
Management	Business	B.S.B.	—	—	—
Marketing	Business	B.S.B.	—	—	—
Mathematics	LAS	B.A.	Yes	B.A.	Yes
Mathematics and Computer Science	LAS	B.S.	—	—	—
Media Services (minor only)	Education	—	Yes	—	Yes
Medical Technology (Cooperative)	LAS	B.S.	—	—	—
Military Science (minor only)	Applied Sciences	—	Yes	—	—
Music	Fine Arts	B.Mus.	Yes	B.Mus.	Yes
Jazz Studies Option		B.Mus.	—	—	—
Performance Option		B.Mus.	—	—	—
Philosophy	LAS	B.A.	Yes	—	—
Physical Education	HPER	B.S.	—	B.S.	Yes
Athletic Training Option		B.S.	—	B.S.	—
Physics (4)	LAS	B.S.	Yes	B.S.	Yes
Political Science (4)	LAS	B.A.	Yes	—	—
International Studies Option		B.A.	—	—	—
Pre-Dentistry	LAS	—	—	—	—
Pre-Engineering	LAS	—	—	—	—
Pre-Law Studies (minor only)	Interdisciplinary	—	Yes	—	—

Undergraduate Fields of Study

Degree Programs, Majors, Minors, Options, and Teacher Education Programs

Major/Options	School/College	Degree	Minor Available	Teacher Certification Available	
				Option	Minor
Pre-Medicine	LAS	—	—	—	—
Pre-Nursing	LAS	—	—	—	—
Pre-Optometry	LAS	—	—	—	—
Pre-Pharmacy	LAS	—	—	—	—
Pre-Physical Therapy	LAS	—	—	—	—
Pre-Veterinary	LAS	—	—	—	—
Professional Writing (minor only)	LAS	—	Yes	—	—
Psychology (4)	LAS	B.A.	Yes	B.A.	Yes
Public Relations (minor only)	LAS	—	Yes	—	—
Recreation Administration (4)	HPER	B.S.	Yes	—	—
Therapeutic Recreation Option		B.S.	Yes	—	—
Safety and Driver Education (minor only)	HPER	—	Yes	—	Yes
Social Science	LAS	—	—	B.A.	—
Sociology	LAS	B.A.	Yes	—	—
Spanish	LAS	B.A.	Yes	B.A.	Yes
Special Education (4)	Education	B.S.Ed.	—	—	—
Standard Special Option (2)		—	—	B.S.Ed.	—
Early Childhood Option (2)		—	—	B.S.Ed.	—
Speech Communication (4)	LAS	B.A.	Yes	B.A.	Yes
Technology Education	Applied Sciences	—	—	B.S.	Yes
Theatre Arts	Fine Arts	B.A.	Yes	B.A.	Yes
Women's Studies (minor only)	Interdisciplinary	—	Yes	—	—
Zoology	LAS	B.S.	Yes	B.S.	—

(1) Minor options in Accounting, Basic Business, Information Processing, and Information Processing/Secretarial.
(2) Students majoring in Special Education will pursue a program which will result in certification in Learning Disabilities, Educable Mentally Handicapped, or Behavior Disorders (SED).
(3) The B.S. in Communication Disorders and Sciences is toward certification; the master's degree is necessary for teacher certification.
(4) Majors in which Honors Programs are available. See also the description of the Lumpkin College of Business Honors Program in Section VIII.

VIII. College Descriptions and Program Requirements

Eastern Illinois University offers degree programs in six colleges:

The College of Applied Sciences
The College of Education
The College of Fine Arts
The College of Health, Physical Education, and Recreation
The College of Liberal Arts and Sciences
The Lumpkin College of Business

This section, alphabetized by college, describes each college's mission and admission requirements and lists its faculty by department. It then 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 the section on Teacher Certification on pages 77-81.

For a detailed description of the courses listed in the following pages, see Section XI.

College of Applied Sciences

Larry Helsel, *Acting Dean*
Martha S. Brown, *Associate Dean*
Joyce Crouse, *Assistant Dean*
John Messer, *Acting Assistant Dean*

General Mission

The College of Applied Sciences is committed to quality programs which develop understanding, competencies, skills, and capabilities of its graduates who are prepared to assume positions in business, industry, education, government, and social service agencies. Undergraduate programs in the School of Home Economics, School of Technology, and Military Science prepare graduates for the challenges of a society in a technological age. In addition to theoretical constructs, technical knowledge, and acquisition of skills, the curriculum provides graduates with a broad general education. Completion of the Military Science two- or four-year program of instruction leads to a commission as an officer in the United States Army, Army Reserve or National Guard. A student's major may be in any field of study recognized by the University with a minor in Military Science.

Masters of Science programs in the School of Technology and School of Home Economics prepare graduates for advanced professional positions through the development of specialized areas of expertise. A Master of Arts in Gerontology, a multi-disciplinary program administered in the College, prepares graduates to meet continuing demands of society for qualified professionals in the field of gerontology.

Accreditation of programs by the American Home Economics Association and the National Association of Industrial Technology demonstrates the College's strong commitment to quality programs, qualified faculty, excellent facilities, and state-of-the-art equipment.

Admission Requirements

There are no specific requirements for admission to the College of Applied Sciences. For the requirements for the degree programs offered by the College, see the section on undergraduate degrees in this catalog and the listing for graduate degrees in the Graduate Catalog.

Faculty of the College of Applied Sciences

SCHOOL OF HOME ECONOMICS

Joyce Crouse, *Chairperson*
Armstrong, C.; Brown, M.; Burnham, C.; Butts, R.; Campanis, L.; Dilworth, J.; Dow, R.; Franklin, N.; Geddie, M.; Gosselin, L.; Hedges, E.; Horn, J.; Hubbard, M. L.; McAlister, P.; Murphy, F.; Ozier, S. J.; Ries, C.; Slavik, J.; Snyder, P. (academic advisor); Stein, P.; Strader, G.; Woodward, L.

SCHOOL OF TECHNOLOGY

John Messer, *Acting Chairperson*
Armel, D.; Boldrey, T.; Butler, L.; Felstehausen, J.; Helsel, L.; Izadi, M.; Kyser, D.; Liu, P.; Nelms, H.; Richardson, R.; Strandberg, G.; Sutliff, R.; Toosi, M.; Waskom, T. L.; Watson, C.; Wiseman, R.; Woodley, D.

MILITARY SCIENCE (ROTC)

Robert Dinnen, *Chairperson*
Douglas, R.; Kellerman, R.; Messman, C.; Nash, R.

College of Applied Sciences: Academic Programs

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.
- Quantative 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
Information Services and Technology 4870

(*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
Information Services and Technology 4750

(*3 semester hour limit)

* Credit may be granted via COS 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.

Home Economics *(B.S.)*

Major in Home Economics: Option in Dietetics (Approved by the American Dietetic Association)

- Home Economics 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), 1410, 1415, 3430, 3435, 3450 ..... 16 sem. hrs.
- Secondary Education 1099 ..... 3 sem. hrs.
- Economics 2801 ..... 3 sem. hrs.
- Management 3010 ..... 3 sem. hrs.
- Psychology 2000 ..... 3 sem. hrs.
- Sociology 2750C ..... 3 sem. hrs.
- Zoology 2001C ..... 3 sem. hrs.
- TOTAL ..... 86 sem. hrs.

Option in Home Economics in Business

- Home Economics 1800, 2244, 2270, 2472C, 2800, 3300, 3920, 4274, 4275, 4400 ..... 25 sem. hrs.
- Accountancy 2100 ..... 3 sem. hrs.
- Business Education 1420, 2510 ..... 6 sem. hrs.
- Economics 2801, 2802 ..... 6 sem. hrs.
- Management 3010 ..... 3 sem. hrs.
- Marketing 3470 ..... 3 sem. hrs.
- Area I or II or III or IV ..... 28-33 sem. hrs.
- TOTAL ..... 74-79 sem. hrs.

Area I (Foods):
A minimum of 28 semester hours of coursework including study in microbiology, business and product communications, chemistry, foods and nutrition, family and institutional food systems management, statistics and journalism.

Area II (Fashion and 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, home furnishings, consumer concerns, journalism and psychology.

Area III (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, food systems management, housing and residential equipment, consumer concerns, legal concerns, social behavior, journalism and psychology.

Area IV (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

Home Economics 1120, 1800, 2244, 2270, 2472C, 2800, 2850, 3300, 3307, 3853, 4274, 4275, 4400, 4845 . . . . . 36 sem. hrs.
Select 14 sem. hrs. from the following:
Home Economics 3800, 3820, 4300, 4840, 4846, 4851, 4854, 4859, 4860 . . . . . 14 sem. hrs.
Educational Guidance 4900 . . . . . 3 sem. hrs.
Psychology 2000, 3521, 3780 . . . . . 9 sem. hrs.
Sociology 2710, 2750C, 3600 . . . . . 9 sem. hrs.
TOTAL . . . . . 73 sem. hrs.

(Major GPA based on all home economics courses taken at Eastern Illinois University.)

Option in Home Economics Education with Teacher Certification* Standard High School Certificate

Home Economics 1120, 2234, 2244, 2250, 2270, 2472C, 2800, 2850, 3140, 3235, 3300, 3307, 3400, 3853, 4275 (6 sem. hrs.), 4400, 4840 . . . . . 52 sem. hrs.
Economics 2801, Psychology 2000; 3 sem. hrs. in History 2010 or 2020 or Political Science 1153C . . . . . 9 sem. hrs.
TOTAL . . . . . 61 sem. hrs.

(Major GPA based on all home economics courses taken at Eastern Illinois University.)

* For the education coursework required for this option, see "Teacher Certification Programs."

Honors Program for Home Economics 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 Home 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:
12 required semester hours
HEC 4444 Honors Independent Study . . . . . 3 sem. hrs.
HEC 4555 Honors Research . . . . . 3 sem. hrs.
HEC 4644 Honors Thesis . . . . . 3 sem. hrs.
HEC 5000-5499 Graduate course approved by the School of Home Economics Honors Coordinator . . . . . 3 sem. hrs.
TOTAL . . . . . 12 sem. hrs.

Minor in Home Economics:

Home Economics 1800, 2472C, 3300 . . . . . 9 sem. hrs.
Electives in Home Economics in consultation with a Home Economics advisor and including at least 3 additional sem. hrs. of courses numbered 3000 or above . . . . . 12 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

Minor in Home Economics for Teacher Certification:

Home Economics 1120, 1800, 2234, 2472C, 2850, 3400; 2244 or 3300 . . . . . 21-22 sem. hrs.
Electives in home economics . . . . . 3-2 sem. hrs.
TOTAL . . . . . 24 sem. hrs.

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:

Business Education 2510 or Computer and Operations Management 2175, 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, 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, 1160) or (1350, 1360) . . . . . 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, casting, 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, computer-aided drafting, and graphic arts production.

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 Education courses taken at Eastern Illinois University.)

Note: Independent study may not be used for concentrations.

Manufacturing Technology Option:

Computer and Operations Management 2175, 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, 1160) or (1350, 1360)	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	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 Communications - 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 9 semester hours in one concentration.

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. Over 40 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 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, English composition, mathematics, basic computers and human behavior.

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 (waiverable for prior service).

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, if offered, for a prescribed period; approval of chairperson, Military Science Department.

BENEFITS OF THE PROGRAM
Leadership Development
Adventure Training
Opportunity to compete for over 40 full tuition scholarships
$100 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 Ranger training are available for qualified volunteers.

On-campus opportunities are available with the Drill Team, Leadership Excellence Club, Ranger Challenge Team, Color Guard, and intramural competition.

Minor in Military Science:

Military Science 3001, 3002, 4001, 4004, 4100	14 sem. hrs.
History 4002	3 sem. hrs.
TOTAL	17 sem. hrs.

College of Education

Charles Joley, *Dean*
George W. Schlinsog, *Associate Dean*
Ronald Leathers, *Assistant Dean*

General Mission

The primary mission of the College of Education is to prepare teachers and other educational personnel having the knowledge, competencies, skills, and commitment to function effectively in a variety of instructional, guidance and counseling, or administrative roles.

At the undergraduate level the College offers a wide range of programs leading to Illinois State Teaching certificates. These programs have developed an excellent reputation and are approved both by the National Council for Accreditation of Teacher Education and by the Illinois State Teacher Certification Board. For details concerning these programs, please see the section of this catalog titled "Teacher Certification Programs."

At the graduate level the College offers Master's Degrees in a number of fields: Educational Administration and Supervision, Elementary Education, Guidance and Counseling, and Special Education. Further, the College also offers Specialist Degrees in Educational Administration and Supervision, and in Guidance and Counseling. For further information consult the Graduate Catalog or contact the appropriate department.

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

EDUCATIONAL ADMINISTRATION

Larry Janes, *Acting Chairperson*
Banks, F.; Bartz, D.; Findley, B.; 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

Paul Overton, *Chairperson*
Eberly, C.; Fraker, F.; Kayser, L.; Lyles, J.; Matzner, K.; Powell, B.; Rawlins, M.; Saltmarsh, R.; Ward, P.

Note: There is no undergraduate program in Educational Psychology and Guidance. For a description of the graduate program, see the Graduate Catalog.

ELEMENTARY AND JUNIOR HIGH SCHOOL EDUCATION

Carol Helwig, *Chairperson*
Brown-Sandberg, S.; Downs, D.; Foust, D.; Grado, L.; Greathouse, N.; Lambert, J.; Leyden, M.; Lisowski, M.; MacLaren, F.; Malehorn, H.; Nunn, G.; Reven, L.; Schlinsog, G.; Scifres, C.; Stephen, V.; Taitt, H.; Varble, M.; Vieth, J.; Vincent, S.; White, R.

SECONDARY EDUCATION AND FOUNDATIONS

Mahmood H. Butt, *Chairperson*
Barger, R.; Cummings, E.; Dennee, J.; Edwards, A.; Fewell, P.; Gholson, R.; Lawson, R.; Ligon, J.; Miller, B.; Pierson, G.; Rogers, D.; Smith, D.; Sutton, K.

SPECIAL EDUCATION

Kathlene Shank, *Chairperson*
Bair, H.; Carson, R.; Cooper, C.; Dudzinski, M.; Harley, D.; Ivarie, J.

STUDENT TEACHING

Francis E. Summers, *Chairperson*
Beck, R.; Campanis, L.; Campbell, B.; Carlie, N.; Clay-Mendez, L.; Fischer, B.; Flaugher, P.; Grado, L.; Griffin, R.; Hogg, M.; Hooser, R.; Krehbiel, H.; Lindley, K.; Luft, R.; MacLaren, F.; Manhart, C.; McFarland, H.; McGaughey, J.; Metzger, T.; Moore, J.; Muller, B.; Nappe-Hartom, J.; Parker, J.; Payne, A.; Phillips, W.; Preston, F.; Ricketts, S.; Schmalz, R.; Shepherd, M.; Stephen, V.; Stephenson, M.; Switzer, C.; Titus, C.; Trammel, R.; Varble, M.; Vieth, J.; Vincent, S.; Williams, E. J.

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.

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 Elementary and Junior High School Education for additional information.

HIGH SCHOOL CERTIFICATES

Eastern offers two routes to a high school certificate. One is by pursuing the Junior High School 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:

Botany (Biological Sciences)
Business Education
Chemistry
Communication Disorders and Sciences*
English
French
German
Health Studies
History
Home Economics
Mathematics
Physical Education
Physics
Psychology
Social Science
Spanish
Speech Communication
Technology Education
Theatre Arts
Zoology (Biological Sciences)

* 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 Pathology and Audiology

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 '93 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 VI) 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, Physical Education or Speech and Language Impaired, 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

Educational Foundations 2555	3 sem. hrs.
Educational Psychology 3325	3 sem. hrs.
Secondary Education 3330	3 sem. hrs.
Departmental Methods 3400[1]	3-6 sem. hrs.
Educational Foundations 4450	3 sem. hrs.
Special Education 3500 or Approved Departmental Course(s)	3 sem. hrs.
Student Teaching 4000 and 4001	12 sem. hrs.
TOTAL	30-33 sem. hrs.

[1] Exceptions to this course number are in art, business education and music.

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

Elementary Education 2320	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	22-24 sem. hrs.

* 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 Seconday Education Program (ASEP)

ASEP is an alternate program leading to a secondary school teaching certificate. The program uses an integrated, competency-based approach emphasizing early experience

in public high school classrooms. Instruction is flexible with specific learning modules and a Credit/No Credit grading system. Pre-student-teaching clinical experiences (100 clock hours) are included.

ASEP PROGRAM COURSES

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 Methods 4000[1] (Includes Student Teaching)	14 sem. hrs.
TOTAL	26-29 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.

For further information concerning either the regular or alternate program, contact the Department of Secondary Education and Foundations.

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.

Admission to Teacher Education

Admission to the University 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, to the University Council on Teacher Education which determines such admission.

Application forms are secured at a meeting scheduled each semester by the College of Education. Dates of these meetings are posted in the Office of Clinical Experiences, 210 Buzzard Building, and announced in the official notices of the *Eastern News*. At this meeting, the rules and regulations pertaining to admission to and retention in teacher education are explained and application forms are distributed. 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, a citizen of the United States 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 to the Office of Clinical Experiences at a teacher education meeting. Application should be made during the first semester of the student's junior year.
2. At least 60 semester hours of credit must be completed (with a minimum of 15 semester hours at EIU) before the student will be admitted to Teacher Education.
3. Students also must apply to their major department and receive a positive departmental recommendation. Students should check with their major department for specific departmental admission requirements.
4. 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 of 2.50, both cumulatively and in their major.
5. Acceptable scores on the Pre-Professional Skills Test (PPST).
6. Language Proficiency as demonstrated by a grade of at least "C" in each of the following courses: ENG 1001C, ENG 1002C, and SPC 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.

A student who is refused admission to teacher education or whose admission 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.

Notes:

1. Students must be admitted to teacher education 10 weeks prior to the beginning of the student teaching term.
2. Students pursuing the Board of Governors degree and 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.
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.

   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.

* A student readmitted to Eastern Illinois University after having been dismissed for low scholarship may be admitted to teacher education if his/her cumulative grade-point average based on all attempted work following readmission is at least 2.50 and if his/her post-readmission credits include at least 12 semester hours with grades of "A," "B," "C," or "D".

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 4000, 4001)

A student must apply for a student teaching assignment, and be admitted to teacher education, no later than 10 weeks preceding the 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 admittance to teacher education. 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 Junior High School 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. **Junior High Curriculum.** Students must have completed Junior High School Education 3110 and 3150 or an approved substitute. Equivalent courses submitted must be approved by the Dean, College of Education.
   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.** Students in the Alternate Secondary Education Program must apply for a student teaching assignment. However, they do not register for Student Teaching 4000 or 4001. Instead they 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.

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 CDS, and completion of 3 semester hours of CDS 5470, "Advanced Practicum" with a grade of B or better. Students must register for 10 to 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.

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 ten 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 fifteen semester hours (except in Special Education). The number of hours of outside work permitted is restricted.

* Note: Special Education requires a cumulative grade point average of 2.50 in all courses with a Special Education prefix.

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. Interested individuals should contact the COST Coordinator, Department of Secondary Education and Foundations, BEB 213, for further information.

College of Education: 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 Home Economics 3300, Educational Guidance 4900, Educational Psychology 4770, Educational Administration 5420, Home Economics 4846, Recreation 2250, 4830, Psychology 3525, Junior High School Education 4280, Information Services and Technology 4870, 5360 (for eligible students); Industrial Technology 1413, Educational Guidance 5100 (for eligible students) . . . . . 9 sem. hrs.
TOTAL . . . . . 19 sem. hrs.

Elementary Education
(B.S. in Education)

Three distinct options are offered through the Elementary Education Curriculum: Early Childhood, General, and Middle School. The Early Childhood option leads to an Early Childhood Certificate (birth through grade three); General and Middle School options 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 four 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 of the three options. The student and advisor *must* cooperate in planning the sequence.

Transfer students will have their completed coursework evaluated by the Dean of the College of Education or designated representative.

Elementary Education: Early Childhood Option; Early Childhood Certificate (birth-grade 3)

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:
Geology 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 . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Home Economics 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:
Life Science 1001C . . . . . 3 sem. hrs.
Chemistry 1040C or Physics 1050C . . . . . 4 sem. hrs.
Science electives, 1 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 2000C . . . . . 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 9 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.
Home Economics 3853, 4854 . . . . . 6 sem. hrs.
Physical Education 3600 . . . . . 2 sem. hrs.
Special Education 3000 or 3500 . . . . . 3 sem. hrs.
Student Teaching 4001[3] . . . . . 10-15 sem. hrs.

[1] Students may be exempted on the basis of mathematics placement tests but may be required to substitute other credit in mathematics.
[2] Must be taken outside major.
[3] Minimum of four (4) weeks at preschool and six (6) weeks in primary grades.

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:
Geology 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 . . . . . 3 sem. hrs.
Select from Health Studies 2000C, Home Economics 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:
Life Science 1001C . . . . . 3 sem. hrs.
Chemistry 1040C or Physics 1050C . . . . . 4 sem. hrs.
Science electives, 1 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 2000C . . . . . 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 9 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 4001 . . . . . 10-15 sem. hrs.

[1] Students may be exempted on the basis of mathematics placement tests but may be required to substitute other credit in mathematics.
[2] Must be taken outside major.

Concentrations for: Early Childhood and General Options

Students must select an Area of Concentration from the following list. This concentration is to fulfill additional Illinois State General Education requirements in the Early Childhood and General Options.

The Concentration consists of 18 sem. hrs., nine of which must be at the upper division level.

Art

Courses must include six semester hours from Art 1000, 1110, and 1111. Twelve semester hours from Two-Dimensional Studies, Three-Dimensional Studies, or Art History. Select from: Two-Dimensional Studies — Art 2000, 2050, 2560, 2910, 2920, 3000, 3051, 3052, 3570, 3910, 3920, 4000, 4051, 4052, 4580, 4910, 4920; Three-Dimensional Studies: Art 2100, 2250, 2700, 2800, 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 3820, 4251, 4252, 4701, 4702, 4800; or Art History: Art 2601, 2602, 2330C, 2650C, 3630, 3641, 3642, 3651, 3652, 3660, 3670, 3680, 4765, 4790.

Biological Science

Courses may be selected from Botany, Environmental Biology, Life Science, or Zoology, but must include a minimum of five semester hours in Botany and five semester hours in Zoology.

Language Arts

Must include English 2901 or one course in composition, and must include one course in American literature.

Fine Arts

Courses may be selected from one of the following areas: Art, Fine Arts, Music, and Theatre Arts. Consult the department of Elementary Education before selecting this concentration.

Foreign Language

Courses must be selected from one foreign language.

Mathematics

Courses to total eighteen semester hours in Mathematics other than methods courses. (Consult the Department of Elementary Education for a list of courses which will result in an endorsement on an Elementary teaching certificate.)

Music

Courses must include Music 1541, 3553C. Six semester hours must be selected from: Applied Music (may be retaken); Music Ensembles (may be retaken); Music 1136, 1201, 1202, 1203, 1204, 1543, 1544, 2070, 2201, 2203, 2204, 2555C, 3120, and 3562C.

Social Sciences

Courses may be selected from one of the following disciplines: Anthropology, Economics, Geography, History, Political Science, Psychology, and Sociology.

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:
- Geology 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 . . . . . 3 sem. hrs.
- Select from Health Studies 2000C, Home Economics 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:
- Life Science 1001C . . . . . 3 sem. hrs.
- Chemistry 1040C or Physics 1050C . . . . . 4 sem. hrs.
- Science electives, 1 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 2000C . . . . . 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 9 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.
- Junior High 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 4001[4] . . . . . 10-15 sem. hrs.

[1] Students may be exempted on the basis of mathematics placement tests but may be required to substitute other credit in mathematics.

[2] Must be taken outside major.

[3] Students selecting Mathematics Subject Area are exempt from Mathematics 3520.

[4] Students will student teach in Grades 4-6 or in a multidisciplinary middle-level school assignment through grade 8.

Subject areas for the Middle School Option:
(18 sem. hrs., of which 9 sem. hrs. must be upper division)

Biological Sciences

Courses may be selected from: Botany, Environmental Biology, Life Science, or Zoology, but must include a minimum of five semester hours in Botany and five semester hours in Zoology.

English

Requirements include: English 4903; one course in American literature; one course in composition; one course in British literature; plus two English electives.

Mathematics

Requirements include nine (9) 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 (9) semester hours must be electives other than methods courses. (Consult the Department of Elementary Education for a more specific list.)

Social Sciences

Requirements include three (3) semester hours U.S. history; six (6) semester hours non-U.S. history; three (3) semester hours political science. Six (6) semester hours from one of the following areas: Anthropology, Economics, Geography, and Sociology.

Junior High School 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 . . . . . 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, Home Economics 2472C, Physical Education 2850C . . . . . 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 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.
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.
Junior High School Education 2000, 3110, 3150, 4280, 4760 . . . . . 14 sem. hrs.
Special Education 3000 or 3500 . . . . . 3 sem. hrs.
Student Teaching 4001 . . . . . 10-15 sem. hrs.
Electives needed to total 120 semester hours.

ART

Field II: Art 1000; 1110 or 2310C; 2050 or 3080; 2250 or 2700 or 2340; 2410; 2440; 2330C; 3410; art electives. Total, 24 sem. hrs.

BIOLOGICAL SCIENCES

Field I: Life Science 1001C, 3200, 3400; Environmental Biology 2010; Botany 1010, 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 8 sem. hrs. in botany and 8 sem. hrs. in zoology. Total, 32 sem. hrs.

Field II: Life Science 1001C; Botany 1010, 1022; Zoology 1010, 3300 or 3700. Electives in botany, environmental biology, zoology, or life science. Field II must include a minimum of 8 sem. hrs. in botany and 8 sem. hrs. in zoology. Total, 24 sem. hrs.

ENGLISH

Field I: English 1001C, 1002C, 3400, one of (3701, 3702, 3703), 2901, one of (2003, 3001, 4760, 4762), one of (3802, 3806, 3807, 3808); 4903; Speech Communication 1310C; electives in English (recommended 2002, 2004, 2006, 2008). Total, 32 sem. hrs.

Field II: English 1001C, 1002C, one of (3701, 3702, 3703), one of (2003, 3001, 4760, 4762), one of (3802, 3807, 3808); 4903; Speech Communication 1310C; English electives (recommended 2002, 2004, 2006, 2008). 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.

HOME ECONOMICS

Field II: Home Economics 1120, 2472C, 2234, 2244, 2800, 2831, 2850, 3235, 3300. Total, 24 sem. hrs.

INDUSTRIAL ARTS

Field II: Industrial Technology 1364, 1413, 2064, 2324, 3400; electives in industrial technology. Total, 24 sem. hrs.

MATHEMATICS

Field I: Mathematics 1441C, 2442, 2800, 3400, 2310, 3271, 3530; One course from the following: Mathematics 3272, 4750, 4760, 4900; Plus sufficient electives to reach minimum of 32 sem. hrs.

Field II: Mathematics 1441C, 2442, 2800, 3400, 2310, 3271, 3530; One course from the following: Mathematics 3272, 4750, 4760, 4900; (Minimum of 25 sem. hrs.).

PHYSICAL EDUCATION

Field II: Physical Education 2440, 3400, 3600, 4320; 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 1900, 1920, 1930, 2220; two or three semester hours from any 2000-level technique/theory course or 3000-level coaching course; three or two semester hours from physical education services courses (including an aquatics course or swimming proficiency). Total, 24 sem. hrs.

PHYSICAL SCIENCE

Field II: Chemistry (1310, 1315) or (1300, 1315); either (Chemistry 1410, 1415) or (Chemistry 1510, 1515); either Physics (1150, 1160) or (1350, 1360); 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, 3000, 3005; Social Studies 3400; two or three semester hours in U.S. history (upper division recommended); two or three semester hours in World or European history (upper division recommended); eight semester hours in geography or eight semester hours in political science; three semester hours in anthropology or sociology, or economics. Electives in social studies other than psychology. Total, 32 sem. hrs.

Field II: History 2010, 2020, 3000, 3005; two or three semester hours in U.S. history electives (upper division recommended); two or three semester hours in World or European history (upper division recommended); six semester hours from one of the following: economics*, geography*, or political science*. Electives in social studies other than psychology. 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, speech pathology and audiology, 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.

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 4001[3] ..... 16 sem. hrs.
Elective ..... 1 sem. hr.

* Must be taken from the Integrated Core.
** At least one 3 sem. hr. course must be taken in non-western or third world cultures; either in 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] 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 4001 ..... 16 sem. hrs.
Electives ..... 1-2 sem. hrs.

* Must be taken from the Integrated Core.
** At least one 3 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.

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 1-2 sem. hrs. electives and Elementary Education 2000 or Secondary Education 3330.

Include Mathematics 1420, 2420C, 3520 and add 3 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 1-2 sem. hrs. electives and Elementary Education 2000.

Successfully complete Secondary Education 3330, Junior High School 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, French, German, Health Studies, History, Home Economics, 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, 2340, 2560, 2601, 2330C, 2700, 3080, 3820.

BIOLOGICAL SCIENCE (Standard High School Certificate)
Life Science 1001C*, 3200, 3400; Environmental Biology 2010*; Botany 1010, 1022, 3100 or 3200; Zoology 1010, 2100 or 3300, 3700.

BUSINESS EDUCATION (Standard High School Certificate)
(Accountancy 2100 and 2150) or (Business Education 1110, 1120), Marketing 3470, Economics 2801 and 2802, Business Education 2010, 2130, 2510, 3000, 3400, 3401, 3402, and 4750.

ENGLISH (Standard High School Certificate)
English 2205, 2601, 2901, 3001, 3400, 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.)

FRENCH (Standard High School Certificate)
32 semester hours in French including Foreign Language 3200, 3400, and 3510, but excluding all Credit/No Credit courses.***

GERMAN (Standard High School Certificate)
32 semester hours in German to include Foreign Language 3400, but excluding all Credit/No Credit courses.***

HEALTH STUDIES (Standard High School Certificate)
Health Studies 2270, 3200, 3400, 3750, 4275; Zoology 2001C* and electives from at least three of the component areas.**

HISTORY (Standard High School Certificate)
History 1100, 2010, 2020, 3000, 3005, 3500; Social Science 3400; history electives** number above 3000 to include three semester hours in U.S. history and 3 semester hours in non-U.S. history.

HOME ECONOMICS (Standard High School Certificate)
Home Economics 1120, 2244, 2472C, 2800, 2850, 2234, 3140, 3300, 3400, 4274, 4275 (three sem. hrs.), 4400.

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; 2 hrs. from 1203, 1204, 2205, 2206, 1136 (determined by advisement and auditions); 0300 taken twice; (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 1100, 2010, 2020, 3000, 3005, 3 sem. hrs. in U.S. History electives; 8 sem. hrs. electives from *one* of (anthropology, economics, political science or sociology); 3 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 Language 3200, 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 6 semester hours in a single technical area** and 6 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.

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:
SPE 4444. Honors Independent Study . . . . . (Arr.-Arr.-3)
SPE 4644. Honors Thesis . . . . . (Arr.-Arr.-3)
SPE 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.

College of Fine Arts

James K. Johnson, *Acting Dean*
Beverly Gartin, *Assistant Dean*

GENERAL MISSION

The College is committed to the University's goal of providing a comprehensive undergraduate program of liberal studies as a foundation for all students. Of special concern is the development of understanding and appreciation of cultural and aesthetic values in all students. Further, the College sees as its specific goal the development of highly talented performing and creative artists prepared for professional careers in the arts and arts education. To accomplish this goal the College provides a strong academic base in the history, theory, composition, and performance/exhibition of the fine arts disciplines, and builds on those the application of the arts for career preparation in such areas as computer graphics, merchandising, recording technology, teaching, and technical assistance. The College provides an effective learning environment, utilizing high-quality faculty, classrooms and laboratories. Finally, excellent facilities for performance and exhibition are utilized for an extensive schedule of arts activities that serve the greater community as well as the University.

ADMISSION REQUIREMENTS

There are no specific requirements for admission to the College of Fine Arts. For the requirements for the degree programs offered by the College, see the section on undergraduate degrees in this catalog and the listing for graduate degrees in the Graduate Catalog.

FACULTY OF THE COLLEGE OF FINE ARTS

Art

James K. Johnson, *Chairperson*
Bartel, K.; Bodine, P.; Boshart, J.; Braun, S.; Browne, K.; Carli, N.; Colvin, W.; DeRuiter, G.; Emmerich, C.; Harrison, G.; Hegarty, M.; Heyduck, B.; Hild, G.; Leonard-Cravens, M.; Marquardt-Cherry, J.; McRoberts, J.; Moldroski, A. R.; Nivens, C.; Rehm-Mott, D.; Sorge, W.; Wilen, C.

Music

Herman D. Taylor, *Chairperson*
Joseph M. Martin, *Assistant*
Baker, C.; Barta, R.; Bialek, M. A.; Borah, B.; Brinkman, J.; Butler, H.; Coles, M.; Cook, K.; Daniels, J.; DiBianco, D.; Fagaly, S.; Hayden, P.; Hesterman, P.; Hills, R.; Hillyer, H.; Hobbs, W.; Horney, A.; Krehbiel, H.; Lane, J.; Melvin, W.; Miller, E. J.; Moss, B.; Roden, T.; Sanders, G.; Sanders, K.; Snyder, R. E.; Tracy, D.; Zwicky, G.

Theatre Arts

E. T. Guidotti, *Chairperson*
Blanchette, C.; Duehmig, M.; Eisenhour, J.; Jorns, D.; Sain, J.; Wolski, D.; Wolski, J.; Yarbrough, M.

Tarble Arts Center

R. Michael Watts, *Director*
Donna Meeks, *Curator*

College of Fine Arts: Academic Programs

Art *(B.A.)*

Major in Art: Option in Art History

Art 1000, 1110, 1111, 2050, 2100, 2601, 2602, 4400, 4790 . . . . . 27 sem. hrs.
Two courses chosen from: Art 2250, 2560, 2700, 2800 . . . . . 6 sem. hrs.
Electives chosen from: Art 2300, 3630, 3641, 3642, 3651, 3652, 3660, 3670, 3680, 3685, 4400*, 4765 . . . . . 27 sem. hrs.
Foreign Language . . . . . 8-16 sem. hrs.
TOTAL . . . . . 68-76 sem. hrs.

* 3 hrs. required, 6 hrs. maximum

(Major GPA based on all art courses taken at Eastern Illinois University.)

Option in Studio Art

Art 1000, 1110, 1111, 2011, 2050, 2100, 2601, 2602, 3011, 3680 . . . . . 26 sem. hrs.
Art History course numbered 3630 or above . . 3 sem. hrs.
Electives chosen from Two-Dimensional courses or Electives chosen from Three-Dimensional courses
Art . . . . . 36 sem. hrs.
TOTAL . . . . . 65 sem. hrs.

TWO-DIMENSIONAL COURSES

9 sem. hrs. from Art 2000, 2560; 2250 or 2700 or 2800 plus 18 sem. hrs. from Art 2910, 2920, 3000, 3051, 3052, 3080, 3570, 3910, 3920, 4000, 4051, 4052, 4580; 9 sem. hrs. chosen from Art History or Three-Dimensional courses
TOTAL . . . . . 36 sem. hrs.

THREE-DIMENSIONAL COURSES

9 sem. hrs. from Art 2250, 2700 and 2800, plus
18 sem. hrs. from Art 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 4111, 4112, 4251, 4252, 4701, 4702, 4800, 4801, 4802; 9 sem. hrs. chosen from Art History or Two-Dimensional courses
TOTAL . . . . . 36 sem. hrs.

(Major GPA based on all art courses taken at Eastern Illinois University.)

Option in Graphic Design

Art 1000, 1110, 1111, 2000, 2011, 2050, 2560, 2601, 2602, 2910, 2920, 3011, 3910, 3920, 4910, 4920 . . . . . 44 sem. hrs.
Industrial Technology 1364, 3123, 3343, 3353 . . . . . 13 sem. hrs.
Art History courses numbered 3630 or above . . 6 sem. hrs.
Electives in Art . . . . . 3 sem. hrs.
Electives chosen from Art courses and/or the following: Accountancy 2100, 2150, 2200, Management 2750, 3010, 3450, Marketing 3470 . . . . . 6 sem. hrs.
TOTAL . . . . . 72 sem. hrs.

(Major GPA based on all art and indutrial 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, 2560, 2601, 2602, 3410, 3420, 4740, 4775 . . . . . 37 sem. hrs.
Electives chosen from: Art 2100, 2250, 2700, 2800 . . . . . 9 sem. hrs.
Electives in art, to include 9 sem. hrs. in a selected medium; 3 sem. hr. Art History course numbered 3630 or above . . . . . 12 sem. hrs.
TOTAL . . . . . 58 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 . . . . . 9 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 follows. Students interested in a Studio emphasis must select Art 1000, 1110, and 1111. 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 6 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 6 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 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	1/2-1 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 1-2 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 (8 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 the Junior Standing 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 Music 1103. 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, 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. 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 of standard classical literature, a junior recital of classical literature and improvisation in small groups, and a senior recital 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 1530, 2530, 3530, 4530, 3800, 3801, 4850, 2550, 2581, 0070 (2 sem. hrs.)	15 sem. hrs.
Ensembles: 6 sem. of 0220, 0221, 2 sem. of 0222, 2 sem. 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 2 sem. hrs. from 0070, 2070, 3542, 3547, 4541, 4542, 4750, 4840, 4850, 4600*, 4980* . . . . . 19 sem. hrs.
Music History 1581, 3581, 3582; at least 2 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.

1. **String, Wind, or Percussion Instruments Emphasis.** Two semesters of class piano or completion of Music 2204; Music 2360, 3260, 3547; 3 sem. hrs. in music electives; 8 sem. hrs. of instrumental ensemble, including at least 1 sem. hr. from 0204, 0205, 0206, 0207, 0215, 0240, 0241, 0242, and 4 sem. hrs. from 0200, 0210, 0211, or 0220; 30 sem. hrs. in primary instrument. Total, 48 sem. hrs.
2. **Keyboard Emphasis.** Music 2205, 2206, 8 sem. hrs. in ensemble including 1 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 4 sem. hrs. of secondary applied keyboard); 1 sem. hr. in music electives; 2 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 4 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; 8 sem. hrs. in music electives. Total, 42-43 sem. hrs.
   c. Accompanying Primary: 2 sem. hrs. in Music 1136; 0010-001 taken twice; 2221, 2222, 4770, 4920; 2 sem. hrs. from 2155, 2360, 3155, 3260; 30 sem. hrs. in applied keyboard (may include 4 sem. hrs. of secondary applied keyboard); 6 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; 5 sem. hrs. from 2155, 3155, 2360, 3260, 4770; 8 sem. hrs. in vocal ensemble from 0230, 0231, 0233, 3120; 6 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.

Performance Majors are required to register for applied study and an ensemble each semester in residence. (Major GPA based on music courses only.)

* 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.
** Partially fulfills the humanities requirement.

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 2 sem. hrs. from 0070, 2070, 3542, 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), 2103, 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 1 sem. hr. of vocal ensemble from Music 0230, 0231, 3120; 1301, 2360, 3260, 3400; at least 2 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 7 semesters; 6 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; 6 sem. hrs. in major instrumental ensembles. (Total, 28 sem. hrs.)

c. Composition Principal: Four semesters of class piano or completion of Music 2204; 3 sem. hrs. from Music 1302, 1303, 1304, 1305, 1306; 10 sem. hrs. of applied composition; 6 sem. hrs. in major instrumental ensembles. (Total, 23 sem. hrs.)

d. Accompanying Principal: Music 0260, 1302, 1304, 1305, 1306, 2205, 2206, 4950; 9 sem. hrs in applied keyboard; 5 sem. hrs. in major instrumental ensembles; 6 sem. hrs. of French and/or German.** (Total, 29 sem. hrs.)

2. Vocal Emphasis.

Music 2155, 3155, 3439, 3440; at least 2 sem. hrs. from Music 3547, 4750, 4840, 4850; 4 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); 9 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); 3 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; 3 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; 2 sem. hrs. from 0230, 0231; 1301, 1302, 1305, 2141, 2142, 2205, 2206, 4950; 8 sem. hrs. in applied keyboard; 6 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; 4 sem. hrs. in class or applied voice; 5 sem. hrs. in major vocal ensembles; 9 sem. hrs. selected from at least two of the following areas: Art 2330C, 2650C, English 3405, 2003, 2004, 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 6 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; 3 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; 4 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; 3 sem. hrs. in applied instrumental or keyboard music distributed over three semesters.
TOTAL . . . . . 13 sem. hrs.
Participation for at least four semesters in a university instrumental organization is required.
TOTAL . . . . . 33-34 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 . . . . . 10 sem. hrs.
Technical & Design Courses
Theatre Arts 2005, 2210, 2211, 2220, 2257 . 11 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3751, 3752, 3445 . . . . . 12 sem. hrs.
Electives from both lists below
Performance Electives
Theatre Arts 3333, 3344, 3345, 3346, 3347, 3431, 4400 . . . . . 3 sem. hrs.
Technical & Design Electives
Theatre Arts 3350, 3357, 3358, 3360 . . . . . 3 sem. hrs.
TOTAL . . . . . 39 sem. hrs.

Option in Theatre Arts with Teacher Certification* Standard High School Certification

Major Requirements
Performance Courses
Theatre Arts 1133, 1134, 2244, 3220 . . . . . 10 sem. hrs.
Technical & Design Courses
Theatre Arts 2005, 2210, 2211,** 2220, 2257 . . . . . 11 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3751, 3752, 3445 . . . . . 12 sem. hrs.
Electives from both lists below
Performance Electives
Theatre Arts 3333, 3344, 3345, 3346, 3347, 3431, 4400 . . . . . 3 sem. hrs.
Technical & Design Electives
Theatre Arts 3550, 3357, 3358, 3360 . . . . . 3 sem. hrs.
Students majoring in Theatre Arts with Teaching Certification Option must choose a second teaching area other than psychology and speech communication.
Teaching Methods 3400 must be taken in the student's second teaching area . . . . . 3 sem. hrs.
TOTAL . . . . . 42 sem. hrs.

* For the education coursework required for this option, see "Teacher Certification Programs."

** A fee is required in THA 2210 and 2211 for shop materials.

Minor in Theatre Arts (Performance, Directing, & Design):

Performance Courses:
Theatre Arts 1133 or 1134; 2244 or 3431 . . . 6 sem. hrs.
Technical & Design Courses:
Theatre Arts 2210, 2211** . . . . . 6 sem. hrs.
Literature & Directing Courses:
Theatre Arts 2258, 3445 . . . . . 6 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Minor in Theatre Arts for Teacher Certification:

Performance Courses:
Theatre Arts 1133 or 1134, 2244, 3431 . . . . . 9 sem. hrs.
Technical & Design Courses:
Theatre Arts 2210, 2211** . . . . . 6 sem. hrs.
Literature & Directing Courses:
Theatre Arts 2258, 3445 . . . . . 6 sem. hrs.
TOTAL* . . . . . 21 sem. hrs.

** A fee is required in THA 2210 and 2211 for shop materials.

College of Health, Physical Education and Recreation

Larry J. Ankenbrand, *Acting Dean*
Scott Crawford, *Coordinator of Graduate Studies*
David Dutler, *Director, Recreational Sports*
Jeff Dvorak, *Assistant Director, Recreational Sports*
Chuck Prince, *Assistant Director, Recreational Sports*

General Mission

The College of Health, Physical Education, and Recreation (HPER) is committed to providing excellent undergraduate professional preparation for students in Health Studies (including preparation in community health, teacher certification, and safety and driver education); in Physical Education (including preparation in teacher certification, coaching, and athletic training, and non-teacher programs for private and public agencies); and in Recreation Administration (including preparation for positions in therapeutics, municipal and commercial programs, resorts, parks, and health clubs). The curriculum is designed to prepare students to apply scientific principles and theory, to develop technical knowledge and skills, and to provide for a broad general education. Courses are also offered to meet the personal needs of students to improve the quality of their lives.

The Master of Science degree program in Physical Education prepares graduates for professional positions with specialized areas of expertise. Students may study teaching and coaching theory, sports administration for both school and non-school programs, and exercise science at the advanced level. Students interested in adult fitness and cardiac rehabilitation may select coursework preparing them for employment in industrial fitness, hospitals, YMCA-YWCA, health clubs, etc.

A strong commitment to quality programs in the College of Health, Physical Education and Recreation is demonstrated by a highly qualified and dedicated faculty, excellent facilities and equipment, and recognition by several accrediting and certifying agencies as follows:

1. Accreditation of the Recreation Administration program by the National Recreation and Parks Association.
2. Student certification by the American College of Sports Medicine at various levels of competency in exercise science.
3. Student certification by the National Athletic Trainers Association.
4. Student certification in Leisure Studies by the National Aquatic Association, Red Cross, and American Camping Association.
5. Student certification in first aid, safety and CPR by Red Cross.
6. Student certification as health education specialist by the National Commission for Health Education Credentialing Inc.
7. Recognition of teacher preparation programs by the Illinois State Board of Education.
8. Recognition by the National Council for the Accreditation of Teacher Education.

Admission Requirements

There are no specific requirements for admission to the College of Health, Physical Education, and Recreation. For the requirements for the degree programs offered by the College, see the section on undergraduate degrees in this catalog and the listing for graduate degrees in the Graduate Catalog.

Faculty of the College of H.P.E.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, J.; Walker, B.; Woods. S.

Leisure Studies

David Culkin, *Chairperson*
Higelmire, W.; Johnson, D.; Jones, A. L.; Smith, W. A.

Physical Education

Phoebe Church, *Chairperson*
Ankenbrand, L.; Birkhead, C.; Church, M.; Colbert C.; Craft, J.; Crawford, S.; Croisant, P.; Doyle, R.; Dutler, D.; Emmett, J.; Fischer, R.; Flaugher, P.; Garrison, J.; Gossett, G.; Hilke, B.; Hyndman, J.; Kasper, M.; Lasley, K.; Legg, B.; Little, G.; Lueken, P.; Mallory, M.; McCausland, R.; McClung, J.; McFarland, G.; McFarland, J.; McInerney, J.; McNamara, L.; Melvin, R.; Moore, N.; Morgan, G.; Mosnia, T.; Nordtvedt, N.; Ohl, M.; Opp, L.; Owen, J.; Paap, R.; Padovan, R.; Perine, B.; Ralston, B.; Rice-Pitts, P.; Samuels, R.; Sanders, J. W.; Schmidt, J.; Smith, J.; Spoo, R.; Weber, D.; Weber, K.; Weber, M.; Wittke, R.; Wolf, D.; Woodall, T.

College of Health, Physical Education, and Recreation: Academic Programs

Health Studies *(B.S.)*

Major in Health Studies: Option in Community Health

Core: Health Studies 1200, 2250, 2270, 3196, 3199, 3270, 3700, 3750, 3765, 4250, 4275, Zoology 2001C . . . . . 38 sem. hrs.
Select 9 hours from: Health Studies 2600, 2900, 3500, 3560, 4800, 4810, 4820, 4890, 4910 . . . . . 9 sem. hrs.
Select 3 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 . . . . . 69 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, Home Economics, 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, Home Economics (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* Standard High School Certificate

Health Studies 1200, 2250, 2270, 3199, 3200, 3400, 3750, 3765, 4275 . . . . . 29 sem. hrs.
Zoology 2001C . . . . . 3 sem. hrs.
Twelve semester hours chosen from at least three of the following areas: . . . . . 12 sem. hrs.
Ecological Relationships: Environmental Biology 2010
Disease Control: Health Studies 2900
Human Sexuality and Family Life: Health Studies 3500, 3560, 4890, Home Economics 2800, Sociology 4730
Food Practices and Eating Patterns: Home Economics 2472C
Safety: Health Studies 1120, 2320, or 3100; 3001, 3300, 3340, 3350
Mood-Modifying Substances: Health Studies 4800, 4810, 4820
Mental/Emotional Health: Psychology 3550
Supportive Content: Health Studies 3196, 2600, 4741
TOTAL . . . . . 44 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, 3275, 3500, 3560, 3700, 3765, 4800, 4890
Speech Communication 3200, 3230, 3300, 3903, 4470, 4760, 4860 . . . . . 6 sem. hrs.
TOTAL . . . . . 34 sem. hrs.

Minor in Community Health:

Health Studies 1200, 2250, 2270, 3700, 3750 . . 12 sem. hrs.
Eight sem. hrs. from: Health Studies 1120, 2320, 2600, 2900, 3100, 3196, 3199, 3200, 3300, 3350, 3500, 3765, 4741, 4800, 4250, 4810, 4820, 4890 . . . . . 8 sem. hrs.
TOTAL . . . . . 20 sem. hrs.

Minor in Health Studies for Teacher Certification:

Health Studies 1200, 2250, 2270, 3200, 3400 . . 12 sem. hrs.
Nine semester hours taken from three or more of the following areas . . . . . 9 sem. hrs.
Ecological Relationships: Environmental Biology 2010
Disease Control: Health Studies 2900
Human Sexuality and Family Life: Health Studies 3500, 3560, 4890, Home Economics 2800, Sociology 4730
Food Practices and Eating Patterns: Home Economics 2472C
Safety: Health Studies 1120, 2320, 3001, 3100, 3300, 3340, 3350
Mood-Modifying Substances: Health Studies 4800, 4810, 4820
Mental/Emotional Health: Psychology 3550
TOTAL . . . . . 21 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, 3100, 3200, 3350, 4720; Physical Education 3130; Political Science 2603, 3643; Psychology 3550, 4870 . . . . . 5 sem. hrs.
TOTAL . . . . . 21 sem. hrs.

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 recommended.

Major:

Integrated Core Requirements Plus:
Physical Education 1500, 2440, 3990, 4320, 4340, 4440 or 4450, 4275 . . . . . 24-27 sem. hrs.
Zoology 2001C . . . . . 3 sem. hrs.
*Physical Education electives:
0-4 hrs. from 1000 level courses (include one aquatics course 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 1 hr. activity and 2 hr. technique/theory activities not allowed.
** 1 hr. activity classes may not be counted. Electives chosen with approval of advisor based on career goal considerations.

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:
GEG 1100C or HIS 1500C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction and Well-Being:
Select from ANT 2200C, GEG 1200C, PLS 2253C, SOC 2750C, ECN 2800C . . . . . 3 sem. hrs.
Select from HST 2000C, HEC 2472C, PED 2850C . . . . . 3 sem. hrs.
Language:
ENG 1001C, 1002C . . . . . 6 sem. hrs.
SPC 1310C . . . . . 3 sem. hrs.
Quantative Reasoning:
Courses selected from Integrated Core . . . . . 3 sem. hrs.
Scientific Awareness . . . . . 9 sem. hrs.
[ZOO 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:
PLS 1153C or HIS 2000C . . . . . 3 sem. hrs.
Additional General Education Requirements:
HIS 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:
PED 2101, 2102, 2103, 2105 . . . . . 4 sem. hrs.
PED 2106, 2360, 2380, 2390 . . . . . 4 sem. hrs.
PED 2220, 2230 . . . . . 2 sem. hrs.
Electives from the following:
PED 1000- and 2000-level courses (include one aquatics course or proficiency) . . . . . 2 sem. hrs.
PED 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:
GEG 1100C or HIS 1500C . . . . . 3 sem. hrs.
Human Behavior, Social Interaction and Well-Being:
Select from ANT 2200C, GEG 1200C, PLS 2253C, SOC 2750C, ECN 2800C . . . . . 3 sem. hrs.
Select from HST 2000C, HEC 2472C, PED 2850C . . . . . 3 sem. hrs.
Language:
ENG 1001C, 1002C . . . . . 6 sem. hrs.
SPC 1310C . . . . . 3 sem. hrs.
Quantative Reasoning:
Courses selected from Integrated Core . . . . . 3 sem. hrs.
Scientific Awareness . . . . . 9 sem. hrs.
[ZOO 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:
PLS 1153 or HIS 2000C . . . . . 3 sem. hrs.
Additional General Education Requirements:
HIS 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.
2 from: 2101, 2102, 2103, 2105
2 from: 2106, 2360, 2380, 2390
1 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

Health Studies 2000C, 2320 or 3100 . . . . . 5-7 sem. hrs.
Home Economics 2472C . . . . . 3 sem. hrs.
Life Science 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 2000, 2001C . . . . . 6 sem. hrs.
TOTAL . . . . . 78 or 82 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

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.
Life Science 1001C . . . . . 3 sem. hrs.
Health Studies 3100 . . . . . 4 sem. hrs.
Home Economics 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 3 hrs. of PSY electives . . . . . 6 sem. hrs.
Zoology 2000 . . . . . 3 sem. hrs.
TOTAL . . . . . 82 sem. hrs.

* Duplication of 1 hr. activity and 2 hr. technique/theory activities not allowed.

** 1 hr. activity classes may not be counted. Electives chosen with approval of advisor based on career goal consideration.

Physical Education Minor for Teacher Certification:

Teaching Option:
Physical Education 2440, 2450, 3400, 3600, 4320, 4340 . . . . . 18 sem. hrs.
One of the following: Physical Education 2360, 2380, 2390 . . . . . 2 sem. hrs.
One of the following: Physical Education 2101, 2102, 2103, 2105 . . . . . 2 sem. hrs.
One-semester-hour service course in dance . . . . . 1 sem. hr.
One 3000-level coaching course
OR
Three one-semester hour Physical Education service courses . . . . . 2-3 sem. hrs.
TOTAL . . . . . 25-26 sem. hrs.

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.)*

Major:

Leisure Studies 1320, 1780, 2250, 2290, 3550 or 3551, 3600, 4275 (6 sem. hrs.), 4830, 4850, 4880 . . . . . 31 sem. hrs.
Electives from: Leisure Studies 2500, 3300, 3510 3515, 3860, 3900, 3910, 3960, 3998 Consortium, 4741, 4790, 4820, 4860, 4950 . . . . . 20 sem. hrs.
Psychology course as approved by advisor and department chair . . . . . 3 sem. hrs.
Physical Education activity courses . . . . . 2 sem. hrs.
Electives from economics, management, marketing, or accountancy approved by advisor and department chair . . . . . 6 sem. hrs.
TOTAL . . . . . 62 sem. hrs.

Option in Therapeutic Recreation

Leisure Studies 1320, 1780, 2250, 3250, 3360, 3550 or 3551, 4275* (6 sem. hrs.), 4355, 4830, 4850 . . . . . 32 sem. hrs.
Art 2310C or 2340 . . . . . 3 sem. hrs.
Political Science 2603 or 1153C . . . . . 3 sem. hrs.
Psychology 2000 . . . . . 3 sem. hrs.
Sociology 2710 . . . . . 3 sem. hrs.
Zoology 2001C . . . . . 3 sem. hrs.
Electives from: Leisure Studies 2290, 2500, 3510, 3515, 3560, 3760, 3900, 3910, 3960, 4741, 4790, 4840, 4860, 4950, 5420, 5430, Music 1423, Theatre Arts 3431 . . . . . 14 sem. hrs.
Electives from economics, management, marketing, or accountancy approved by advisor and department chairperson . . . . . 6 sem. hrs.
P.E. service courses, to include one aquatic and one rhythmical activity . . . . . 2 sem. hrs.
**Electives approved by advisor and department chairperson . . . . . 15 sem. hrs.
TOTAL . . . . . 84 sem. hrs.

* Internship (REC 4275) must be served in a clinical, residential, or community-based Therapeutic program under the supervision of a Certified Therapeutic Recreation Specialist (CTRS) by NCTRC.

** 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) to meet current certification standards.

Note: The Therapeutic Recreation Option is undergoing revision. Please contact the Chair of the department for the revised requirements of this program.

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

LST 4644 Honors Thesis	3 sem. hrs.
LST 4666 Honors Seminar (two times)	6 sem. hrs.
LST 4444 Honors Independent Study	1 sem. hr.
LST 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.

College of Liberal Arts and Sciences

Jon Laible, *Dean*
David Ebdon, *Associate Dean*
Jeffrey Lynch, *Assistant Dean*
Barbara Kuykendall, *Assistant to the Dean*

General Mission

The mission of the College of Liberal Arts and Sciences is to instill in students the knowledge, skills, and values that will allow them to emerge as productive citizens. Specifically, the College seeks to provide intensive training in a discipline and to develop in all students a capacity for reasoned judgement, an ability to communicate effectively, and a sense of social responsibility. The College thus plays the key role in advancing the University toward its stated goal of developing "broadly educated, responsible citizens who are prepared to serve and to lead in a free society."

Specific Programs

The College of Liberal Arts and Sciences provides programs leading to the Bachelor of Arts in thirteen majors; seven of these majors along with Social Science are offered with a teacher certification option. The College provides programs leading to the Bachelor of Science degree in nine majors: five of these majors are offered with a teacher certification option. Chemistry is also offered with a management option. Cooperative Bachelor of Science degrees in engineering and medical technology are also provided. In addition to interdisciplinary minors in Afro-American Studies, Anthropology, Creative Writing, Latin American Studies, Pre-Law, Professional Writing, and Public Relations, the College offers minors in twenty disciplines. Fourteen of these minors are offered in the teacher certification program.

At the graduate level, the College offers ten programs which lead to the Master of Arts degree, five programs which lead to the Master of Science degree, and two programs which lead to the Master of Science in Education degree and a Specialist Degree in School Psychology. The College also participates in the interdisciplinary program in gerontology.

The College offers departmental Honors Programs in chemistry, economics, English, German, history, physics, political science, psychology, and speech communication.

In the College of Liberal Arts and Sciences, courses numbered 3980-3999 and 4980-4999 may not be used to satisfy LAS undergraduate major requirements, nor may they be included in approved programs for LAS graduate students. No more than six semester hours in courses numbered 3961-3969 and 4961-4969 may be used to satisfy undergraduate major requirements in LAS.

Admission Requirements

There are no specific requirements for admission to the College of Liberal Arts and Sciences. For the requirements for specific degree programs offered by the College, see the section on undergraduate degrees in this catalog and the listing for graduate degrees in the *Graduate Catalog.*

Committee	Chairperson
Afro-American Studies	William Colvin
Environmental Studies	Kipp Kruse
Pre-Medical Studies	Judith James
Pre-Engineering Studies	Marvin Breig
Pre-Legal Studies	Peter R. Leigh
Social Science Studies	Charles Titus

Faculty of the College of Liberal Arts and Sciences

BOTANY

Janice Coons, *Chairperson*

Arzeni, C.; Becker, S.; Crofutt, L.; Darding, R.; Ebinger, J.; McGaughey, J.; Methven, A.; Pederson, C.; Speer, J.; Weiler, W; Zimmerman, U. D.

CHEMISTRY

David Buchanan, *Chairperson*

Black, T. H.; Deakyne, C.; Ellis, J.; Foote, C. D.; Furumo, N.; Hamerski, J.; Henderson, G.; Karraker, R.; Keiter, E.; Keiter, R.; Madigan, M.; Marquart, J.; McGuire, M.; Osborne, K.; Sheeran, D.

COMMUNICATION DISORDERS AND SCIENCES

Robert Augustine, *Chairperson*

Dell, C.; Goldacker, F.; Hanner, M. A.; Jacques, R.; Richard, G.; Trammel, R.; Wasson, C.; Weiler, N.

ECONOMICS

Ebrahim Karbassioon, *Chairperson*

Bates, L.; Brodsky, N.; Corley, E.; Dao, M.; Fahy, P.; Lenihan, P.; Mason, T.; Moshtagh, A.; Nordin, H.; Sidwell, R.; Smith, A.; Thompson, W.; Wahid, A.; Weber, W.; Weisbrot, M.

ENGLISH

James R. Quivey, *Chairperson*

Abella, O.; Allison, J.; Bartling, S.; Bazargan, S.; Boswell, P; Brayfield, P.; Calendrillo, L.; Carpenter, D.; Christhilf, M.; Coleman, L.; Dolton, D.; Funk, R.; Guernsey, B.; Guzlowski, J.; Hoberman, R.; Kilgore, J.; Kory, F.; Lazenby, W.; Leddy, M.; Loudon, M.; Lynch, J.; Martone, J.; McCormick, F.; McDonough, C.; Miller, W.; Moore, J.; Preston, F. Jr.; Quinn, T.; Radavich, D.; Ransom, E.; Raybin, D.; Ringuette, D.; Rogers, R.; Schmudde, C.; Searle, W.; Shonk, T.; Simpson, J.H.; Stevens, C.; Stokes, F.; Suksang, D.; Swords, S.; Sylvia, R.; 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.

GEOLOGY/GEOGRAPHY

Alan Baharlou, *Chairperson*

Chesner, C.; Gutowski, V.; Harrington, L.; Jorstad, R.; Khan, B.; Meyer, D.; Pheifer, R.; Stratton, J.; Wallace, R. G.; Wise, R.

HISTORY

David Maurer, *Chairperson*

Beck, R.; Cook, M.; Curran, C.; Elbert, E. D.; Hardeman, M.; Hennings, R.; Hockman, D.; Key, N.; Koch, R.; McElligott, J.; Nichols, L.; Riccio, B.; Schlauch, W.; Shelton, A.; Sterling, R.; Titus, C.; Hamand Venet, W.; Waldrep, C.

JOURNALISM

John David Reed, *Chairperson*

Claxton, R.; Goodrick, E.; Ibelema, M.; Kaufman, S.; Ladd, M.; Poulter, B.; Price, H.; Robinson, G.; Ryan, J.; Tidwell, J.; Voelz, P.; Wohlrabe, M.

MATHEMATICS

Ira Rosenholtz, *Chairperson*

Anderson, H.; Andrews, P.; Broline, D.; Comerford, J.; Comerford, L.; Coon, L.; Coulton, P.; Davis, A.; Dey, S.; Gauchman, H.; Gerling, M.; Glazebrook, J.; Hawker, C.; Henn, J.; Hsu, N-C.; Koontz, L.; Krukenberg, C.; Megginson, R.; Meyerholtz, R.; Nanda, J.; Rahman, M.; Ronsse, G.; Schmalz, R.; Taitt, N.; Weaver, M.; Wolcott, K.

PHILOSOPHY

Robert Barford, *Chairperson*

Aylesworth, G.; Beakley, B.; DePetro, J.

PHYSICS

Douglas Davis, *Chairperson*

Andrew, K.; Aryainejad, S.; Bergmann, R.; Brandt, D.; Breig, M. L.; Conwell, J.; Daniels, S.; Gardner, J.; Miller, C. Jr.; Pakey, D.; Storm, L.

POLITICAL SCIENCE

Richard Goodrick, *Chairperson*

Brazil, H.; Chen, Y. P.; Faust, J.; Lateef, A.; Leigh II, P.; McNitt, A.; Poole, B.; Thorsen, L.; Wandling, R.

PSYCHOLOGY

Fred Yaffe, *Chairperson*

Addison, W.; Best, J.; Cross, R.; Gruber, R.; Havey, J.; Jorgensen, J.; Kirk, W.; Leal, L.; McCormick, C.; McGown, W.; Midkiff, E.; Oehler-Stinnett, J.; Rearden, J.; Spencer, W.; Stinnett, T.; Wilson, K.; Woike, B.

SOCIOLOGY/ANTHROPOLOGY

Robert Whittenbarger, *Chairperson*

Eckert, C.; Foster, G.; Hope, J.; Hummel, R.; Jenkins, S.; Kashefi, M.; Magalis, J.; Swartzbaugh, R.; Wohlstein, R.

SPEECH COMMUNICATION

Douglas G. Bock, *Chairperson*

Bradd, M.; Conley, J.; Garner, D.; Glennon, I.; Hadwiger, K.; Helsel, C.; Heumann, J.; Hogg, M.; McClerren, B.; McKee, M.; McSwain, J. E.; Mason, G.; Merritt, F.; Nading, R.; Oglesbee, F.; Oseguera, A.; Parcells, F.; Perkins, T.; Sroufe, G.; Smith, C.

ZOOLOGY

Richard Funk, *Chairperson*

Alexander, H. Jr.; Andrews, R.; Baumgardner, K.; Baumgartner, S.; Bollinger, E.; Chapman, M.; Costa, C.; Fraembs, F.; Goodrich, M.; Hedges, F.; Horton, L.; James, J.; James, W.; Kruse, K.; Landes, B.; Martinez, J.; Maya, J.; McGilliard, K.; Miller, B. G.; Moll, E.; Nilsen, H.; Pierce, C.; Ridgeway, B.

College of Liberal Arts & Sciences: Academic Programs

Afro-American Studies *(B.S.)*

Major:

Afro-American Studies 2000	3 sem. hrs.
Art 2300	3 sem. hrs.
English 2705, 4750	6 sem. hrs.
History 2100, 3760 (3065)	6 sem. hrs.
Home Economics 4840	3 sem. hrs.
Music 2555C (2)	3 sem. hrs.
Psychology 4700	3 sem. hrs.
Sociology 2710, 2840, 3810	9 sem. hrs.
A maximum of three courses chosen from: Afro-American Studies 4275, 4400, Anthropology 2200C, 3611, Educational Foundations 2171C, 3500, Computer and Operations Management 2175, 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 Afro-American Studies for Teacher Certification:

Afro-American Studies 2000	3 sem. hrs.
Art 2300	3 sem. hrs.
English 2705, 4750	6 sem. hrs.
History 2100	3 sem. hrs.
Music 2555C (2)	3 sem. hrs.
Three courses chosen from: Anthropology 2200C, 3611, Educational Foundations 2171C, History 3760 (3065), Home Economics 4840, Journalism 3951, Political Science 4774, Psychology 4700, Sociology 2710, 2840, 3810	9-10 sem. hrs.
TOTAL	27-28 sem. hrs.

Interdisciplinary Minor in Afro-American Studies

Afro-American Studies 2000	3 sem. hrs.
Art 2300	3 sem. hrs.
English 2705, 4750	6 sem. hrs.
History 2100	3 sem. hrs.
Music 2555C (2)	3 sem. hrs.
Three courses, approved by the Afro-American Studies Director, from: Anthropology 2200C, 3611, Afro-American Studies 4275, 4400, Educational Foundations 2171C, 3500, Home Economics 4840, History 3760 (3065), Journalism 3951, Political Science 4774, Psychology 4700, Sociology 2710, 2840, 3810, Zoology 3001C	9-10 sem. hrs.
TOTAL	27-28 sem. hrs.

Botany *(B.S.)*

Major:

Botany 1010, 3100, 3200, 3300, 3541, 4801, 4811, 4851	27 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); (1410, 1415) or (1510, 1515)	8 sem. hrs.
Life Science 1001C, 3200	7 sem. hrs.
Zoology 1020	4 sem. hrs.
Electives in Botany (except Botany 1000C, 2000C, 2340 and Botany 3450) or Environmental Biology 4750, or Zoology 4840	9 sem. hrs.
Electives in Mathematics/Science[1]	12 sem. hrs.
TOTAL	67 sem. hrs.

(Major GPA based on all botany, environmental biology, life science, and zoology courses taken at Eastern Illinois University.)

[1] Organic chemistry recommended.

Option in Botany with Teacher Certification Standard High School Certificate*

Botany 1010, 1022, 3100, 3200, 3541	16 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); (1410, 1415) or (1510, 1515)	8 sem. hrs.
Environmental Biology 3010C	3 sem. hrs.
Life Science 1001C, 3200, 3400	10 sem. hrs.
Zoology 1020; 2000 or 2100; 2001C or 3100; 3300	13-15 sem. hrs.
Electives in botany and/or zoology (except Botany 1000C, 2000C, 2340 and 3450 and Zoology 4400) or Environmental Biology 4750	6 sem. hrs.
TOTAL	56-58 sem. hrs.

(Major GPA based on all botany, environmental biology, life science and zoology courses taken at Eastern Illinois University.)

* For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Botany:

Botany 1010, 1022; 3100 or 3200; 3300 or 3541	13 sem. hrs.
Electives in Botany (except Botany 1000C, 2000C, 2340); at least 3 sem. hrs. must be 3000 level or higher)	5 sem. hrs.
TOTAL	18 sem. hrs.

Chemistry *(B.S.)*[1]

Major:

Chemistry 1310 (or 1300), 1315, 1510, 1515 . . . 8 sem. hrs.
Chemistry 2310, 2730, 3000, 3001, 3430, 3435, 3780, 3840, 3845, 3910, 3915, 3920, 3940, 4000, 4001, 4770, 4900, 4905 . . . . . 39 sem. hrs.
Electives in Chemistry (excluding 3100 and 3200) . . . . . 6 sem. hrs.
[2]Mathematics 1441C, 2442 . . . . . 10 sem. hrs.
[3]Physics 1350, 1360 . . . . . 8 sem. hrs.
TOTAL . . . . . 71 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] Mathematics 2300 is suggested.
[3] Physics 1370 is recommended.

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: 6 required semester hours
CHM 4555 Honors Research . . . . . 2 sem. hrs.
CHM 4666 Honors Seminar . . . . . 1 sem. hr.
CHM 4644 Honors Thesis . . . . . 3 sem. hrs.
B. 6 or more semester hours elected from
CHM 4444 Honors Independent Study . . . 0-3 sem. hrs.
CHM 4555 Honors Research . . . . . 0-3 sem. hrs.
A Chemistry graduate course approved by the Departmental Honors Coordinator . . 3 sem. hrs.

Option in Chemistry with Management

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Chemistry 1310 (or 1300), 1315, 1510, 1515, 2310, 2730, 3430, 3435, 3780, 3840, 3845, 3910, 3915 . . . . . 32 sem. hrs.
Electives in Chemistry (excluding 3001, 3100, 3200, 3940, 4001) . . . . . 3 sem. hrs.
[1]Course(s) in Computer Programming. . . . . 2-3 sem. hrs.
Computer and Operations Management 2810 . . . . . 3 sem. hrs.
Economics 2801, 2802 . . . . . 6 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Management 2750, 3010 . . . . . 6 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 1441C, 2120C, 2442 . . . . . 13 sem. hrs.
Physics 1350, 1360 . . . . . 8 sem. hrs.
Electives in Accountancy, Computer and Operations Management, Finance, Management or Marketing . . . . . 3 sem. hrs.
TOTAL . . . . . 88-89 sem. hrs.

(Major GPA based on all chemistry courses taken at Eastern Illinois University.)

[1] Computer and Operations Management 2175 or Mathematics 2300 and Chemistry 3940 are suggested.

Option in Chemistry with Teacher Certification* Standard High School Certificate

Chemistry 1310 (or 1300), 1315, 1510, 1515 . . . 8 sem. hrs.
Chemistry 2310, 2730, 3100, 3430, 3435, 3780, 3840, 3845, 3910, 3915 . . . . . 25 sem. hrs.
Electives in Chemistry (excluding 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, 1360 . . . . . 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 4 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 (or 1300), 1315; (1410, 1415) or (1510, 1515) . . . . . 8 sem. hrs.
Chemistry 3430, 3435 . . . . . 5 sem. hrs.
Electives in Chemistry (excluding 3001, 3100, 3940, 4001) . . . . . 5-6 sem. hrs.
TOTAL . . . . . 18-19 sem. hrs.

Minor in Chemistry for Teacher Certification:

Chemistry 1310 (or 1300), 1315, (1410, 1415) or (1510, 1515) . . . . . 8 sem. hrs.
Chemistry 3430, 3435 . . . . . 5 sem. hrs.
Chemistry 2720, or 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, 1160) or (1350, 1360) . . . . . 8 sem. hrs.
TOTAL . . . . . 29-31 sem. hrs.

[1] A minimum of 10 semester hours of physics (including 4 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, 3410, 3600, 3651, 3700, 3800, 4751, 4761, 4800 . . . . . 36 sem. hrs.
Communication Disorders and Sciences 4700** . . . . . 2 sem. hrs.
Physics 1070 . . . . . 4 sem. hrs.
Psychology 2000, 3830 or 3620, 4515, 3780 or 3765 . . . . . 12 sem. hrs.
Zoology 2000 or 2001C . . . . . 3 sem. hrs.
TOTAL . . . . . 57 sem. hrs.

(Major GPA based on all communication disorders and sciences courses taken at Eastern Illinois University.)

* For the education coursework required for this option, please consult with a departmental advisor.

** A 2.5 overall GPA and a 2.85 GPA in the Communication Disorders and Sciences major are required for admission to CDS 4700.

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 is required for admission consideration to the graduate program at Eastern Illinois University. Admission is competitive. Meeting minimum GPA requirements does not guarantee admission. Admission is determined by a graduate faculty committee. The committee considers all applications including 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 twelve 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 and 3810 . . . . . 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, excluding Economics 3810.)

[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: 9 semester hours in a combination of the following courses. Each course may be repeated for a maximum of 6 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 (3992) (or Mathematics 3702**), 4801, 4802, and excluding 2800C and 3810 . . . . . 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, 3750, 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 6 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, 3750, 3810, 3970, and 4275)[1] ..... 15 sem. hrs.
TOTAL ..... 21 sem. hrs.

* It is strongly recommended that students elect Economics 4801 and/or 4802.

[1] It is strongly recommended that students complete Mathematics 2110C and 2120C before enrolling in Economics courses numbered 4750 and above.

Engineering *(B.S.)*

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 or 1300; 1315, 1510, 1515 ..... 8 sem. hrs.
English 1001C, 1002C ..... 6 sem. hrs.
Health Studies 1200 ..... 2 sem. hrs.
Humanities electives ..... 9[1] sem. hrs.
Industrial Technology 1043 ..... 3 sem. hrs.
Mathematics 1441C, 2442, 2443, 3501 ..... 17 sem. hrs.
Physics 1000, 1350, 1360, 1370, 2390, 2400, 3270 ..... 22 sem. hrs.
Speech Communication 1310C ..... 3 sem. hrs.
Social Studies electives ..... 9[1] sem. hrs.
TOTAL ..... 79 sem. hrs.

Elective credit to bring the total to 90 semester hours.

[1] These courses should be selected in consultation with the chairperson of the Pre-Engineering Studies Committee to ensure that the University of Illinois requirements will also be 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.

English *(B.A.)*

Major:

English 2601, 2901 or 3901 or 4901, 3001, 4300, 4950 ..... 15 sem. hrs.
Two courses from Group 2, 2205 plus one other course ..... 6 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 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.
(Major GPA based on all English courses except English 0990, 0995, 1000, 1001C, 1002C, 1091C, 1092C, and 1099, taken at Eastern Illinois University.)

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 2601, 2901, 3001, 3400, 4300, 4950 .. 18 sem. hrs.
Two courses from Group 2, 2205 plus one other course ..... 6 sem. hrs.
Two courses from each of Groups 3, 4, and 5 ..... 18 sem. hrs.
Three additional courses in English
OR
Two courses in a single foreign language (excluding conversational courses) and one additional course in English ..... 9 sem. hrs.
TOTAL ..... 51 sem. hrs.

(Major GPA based on all English courses, except English 0990, 0995, 1000, 1001C, 1002C, 1091C, 1092C, and 1099, taken at Eastern Illinois University.)

* 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 2601, 2901, 3001, 3400, 4300, 4950 . . 18 sem. hrs.
Two courses from Group 2, 2205 plus one other course . . . . . 6 sem. hrs.
Two courses from each of Groups 3, 4, and 5 and one additional course in English
OR
Two courses in a single foreign language (excluding conversational courses) and five courses from Groups 3, 4, and 5 selected so that two courses are from each of two of those groups and one is from the other . . . . . 21 sem. hrs.
TOTAL . . . . . 45 sem. hrs.

(Major GPA based on all English courses, except English 0990, 0995, 1000, 1001C, 1002C, 1091C, 1092C, and 1099, taken at Eastern Illinois University.)

* For the education coursework required for this option, see "Teacher Certification Programs."

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, 3400 and 4906 . . . . . 15 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Minor in English for Teacher Certification:

English 2601, 2901, 3001, 3400 . . . . . 12 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 . . . . . 21 sem. hrs.

Minor in Creative Writing:

English 2003 . . . . . 3 sem. hrs.
Nine semester hours from: English 2005, 4762, 4763, 4764 . . . . . 9 sem. hrs.
Six semester hours from: English 2002, 2004, 2006, 3405, 3504; Journalism 2101, 3000, 3102; Information Services and Technology 3300; Speech Communication 3520, 3540; Theatre Arts 3445, 3751, 3752 . . . . . 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.
Journalism 2101 . . . . . 3 sem. hrs.
Two courses chosen from English 2003, 2901, 3005, Journalism 3000, 3102, Business Education 2010, Management 3830, Speech Communication 3610 . . . . . 6 sem. hrs.
TOTAL . . . . . 19 sem. hrs.

[1] Internship may be taken in student's major field of study with approval of English Department.

Environmental Biology *(B.S.)*

Major:

Botany 1010, 1022, 3100, 3300 . . . . . 13 sem. hrs.
Botany 3541 or Zoology 3100 . . . . . 4 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); (1410, 1415) or (1510, 1515) . . . . . 8 sem. hrs.
Economics 3810 . . . . . 3 sem. hrs.
Earth Science 1300C or 1400C . . . . . 3-4 sem. hrs.
Environmental Biology 3010C, 4275, 4750 . . . . . 18 sem. hrs.
Life Science 1001C, 3200 . . . . . 7 sem. hrs.
Zoology 1010, 2000 or 2100, 3300, 3020 or 3700 . . . . . 13-15 sem. hrs.
Any two of: Botany 4811, Zoology 3010, 4810 . . . . . 6-7 sem. hrs.
TOTAL . . . . . 75-79 sem. hrs.

(Major GPA based on all life science, botany, environmental biology, and zoology courses taken at Eastern Illinois University.)

French, German or Spanish *(B.A.)*

Major:

A major in French, German, or Spanish consists of 32 semester hours in one language beyond the course numbered 2201 in that language.

(Major GPA is based on all courses in the major language taken at Eastern Illinois University.)

Honors Program for German 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 Departmental Honors Coordinator.

Students in the German 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.

Department Honors Requirements:

A. Non-Major Honors in German
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 German (BA)

4444 Honors Independent Study	3 sem. hrs.
4644 Honors Thesis	3 sem. hrs.
4666 Honors Seminar (2 times)	6 sem. hrs.
plus German courses beyond German 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 major	32 sem. hrs.
Foreign Language 3400, 3510	5 sem. hrs.
TOTAL	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 9 of the 17 semester hours must be on the 3000 or 4000 level.

E.g.:

2201	4 sem. hrs.
2202	4 sem. hrs.
3 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 (4 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, 3510	5 sem. hrs.
TOTAL	26 sem. hrs.

Note: Courses taken on Credit/No Credit basis do **not** count toward this minor.

Minor in German for Teacher Certification

German courses numbered beyond 1101C	24 sem. hrs.

Note: The student has the option of completing the 24-semester-hour German minor by taking 21 semester hours of German above 1101C plus Foreign Language 3400 unless he or she must take this course for a major or minor in another foreign language.

Note: Courses taken on a Credit/No Credit basis do **not** count toward this minor.

Geology *(B.S.)*

Major:

Geology 1300C, 2430, 2440, 3405, 3420, 3430, 3510, 4460, 4465, 4490	36 sem. hrs.
Electives from: Geology 3460, 3470, 3490, 3525, 4000, 4200, 4450, 4480, 4892, Earth Science 2420, 2460, Geography 3800, 3850, 3855	9 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); (1410, 1415) or (1510, 1515)	8 sem. hrs.
Mathematics 1330, 1441C	7 sem. hrs.
Physics 1150, 1160	8 sem. hrs.
Zoology 1001C or Botany 1050C	3 sem. hrs.
TOTAL	71 sem. hrs.

(Major GPA based on all geology and earth science courses taken at Eastern Illinois University.)

Minor in Earth Science:

Earth Science 1300C, 1400C, 2420, 2460, 3410	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 (1300, 1315) or (1310, 1315)	4 sem. hrs.
Earth Science 1400C	4 sem. hrs.
Geology 1300C, 2430	8 sem. hrs.
Physics 1054C	3 sem. hrs.
Physical Science 3400	3 sem. hrs.
Two of the following Earth Science courses: 2420, 2460, 3410	6 sem. hrs.
TOTAL	28 sem. hrs.

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 6 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 or 3775	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.

Minor in Geology:

Geology 1300C, 2430, 2440, 3405, 3430	18 sem. hrs.
Three semester hours elective in Geology	3 sem. hrs.
TOTAL	21 sem. hrs.

History *(B.A.)**

Major:

History 1500C*, 1600C** (2000C), 2010, 2020, 2300, 2400, 2500 (3500) . . . . . 15-21 sem. hrs.
History electives numbered above 3000 to include 9 sem. hrs. in U.S. history and 9 sem. hrs. in non-U.S. history (excluding HIS 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, ENG (PHI) 2100C or 2200C or GEG 1100C. If the ART, ENG, or GEG course noted in the previous sentences is taken, then an additional non-U.S. course above 3000 is required.

** Required if credit not acquired for PLS 1153C. If the PLS 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 1100, 2010, 2020, 3000, 3005, 3500 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 (3500) . . 15 sem. hrs.
Select 3 sem. hrs. from History 1400, 3250 (3550), 3260, 3300 (3600) . . . . . 3 sem. hrs.
History electives numbered above 3000 to include 9 sem. hrs. in U.S. History and 9 sem. hrs. in non-U.S. History (excluding HIS 3700C) . . . . . 18 sem. hrs.
TOTAL . . . . . 36 sem. hrs.
Economics 2801, 2802, 3860 . . . . . 9 sem. hrs.
Select 6 sem. hrs. from: Political Science 2253C (2203), 3203, 3223, 3303, 3323, 3363, 3373, 3383, 4821, 4822, 4823 . . . . . 6 sem. hrs.
Select 3 sem. hrs. from Geography 1200C (1500), 3600 . . . . . 3 sem. hrs.
Total . . . . . 18 sem. hrs.
Total (HIS, ECN, PLS, and GEG) . . . . . 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,
Spanish 2202.
Total . . . . . 1-14 sem. hrs.
TOTAL . . . . . 54-68 sem. hrs.

Option in History with Teacher Certification* Standard High School Certificate

History 2010, 2020, 2300, 2400, 2500 (3500) . . . . . 15 sem. hrs.
History electives numbered above 3000 to include 9 sem. hrs. in U.S. history and 9 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 language, 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 for Teacher Certification:

History 2010, 2020, 2300, 2400, 2500 . . . . . 15 sem. hrs.
History electives numbered above 3000 to include 3 sem. hrs. in U.S. history and 3 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:

Journalism 2001C, 2101, 3000, 3001, 3002, 3301 or 3302, 4101, 4102 . . . . . 21 sem. hrs.

Courses chosen from: Anthropology 2200C; Economics 2802, 3880; English 2901, 3001; Foreign Language 2201; History 2400, 4960; Philosophy 3300; Political Science 2603, 3733; One Upper-Division (3000 and 4000 level) Psychology course; Sociology 2761, 3681; Speech Communication 3300. (The student may substitute for listed courses at same or higher levels within a discipline with advisor's permission; the program must include at least one course from three of the following areas: economics, history, political science, and sociology.) . . . . 18-19 sem. hrs.

Upper division courses, ordinarily in a block from a single department, selected in consultation with the student's advisor and integrated into the student's program in journalism. Supporting areas outside Arts and Sciences may be recommended to satisfy this requirement for special research and career interests upon request by the student, approval by the student's advisor, and approval by the Dean, College of Liberal Arts and Sciences . . . . . 12 sem. hrs.

Electives in journalism coursework . . . . . 9 sem. hrs.

Two foreign language classes, or equivalent . . . . . 4-6 sem. hrs.

TOTAL . . . . . 64-67 sem. hrs.

(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 at 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.

Minor in Public Relations:

Journalism 2101, 3002, 3302, Speech Communication 2300, 3500 . . . . . 13 sem. hrs.

Journalism/Speech Communication 4820, 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 3123 . . . . . 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.

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, History 3280, Political Science 3383, Spanish 3520 or 4320, Latin American Studies 4400 . . . . . 9 sem. hrs.

TOTAL . . . . . 20 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.)*

(Formerly Computational Mathematics)

Major:

Computer and Operations Management 2310 . . . . . 3 sem. hrs.
Mathematics 1441C, 2310, 2345, 2442, 2443, 2550, 2670, 3570, 3670, 3701, 3702, 3770, 4870, 4970 . . . . . 48 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 . . . . . 67-69 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.)*

This cooperative degree program, administered by the Pre-Medical Studies Committee, leads to the Bachelor of Science degree. It is a four-year program including three years of college work followed by one year of work in an affiliated hospital. The degree requires 122 semester hours of credit including 90 semester hours at Eastern Illinois University (or a combination of transfer credits and credits earned at Eastern totaling 90 semester hours) and 32-semester-hours credit for successful completion of a one-year program in medical technology at an affiliated hospital.

After completing 40 semester hours of this program a student should apply to the Pre-Medical Studies Committee for admission to the Medical Technology program. Approval by the Committee is required for admission and continuing in the Medical Technology program. The decisions of the committee are based on the availability of spaces in approved affiliated hospitals for the fourth year of the program as well as the applicant's academic qualifications. Admission to the Medical Technology program does not insure admission to an affiliated hospital Medical Technology program. Eastern Illinois University cannot guarantee admission to any of its affiliated hospitals.

Major:

Botany 3300 . . . . . 4 sem. hrs.
Chemistry 1310 or 1300, 1315, 1410, 1415, 2730, 3430, 3435 . . . . . 16 sem. hrs.
Life Science 1010 . . . . . 4 sem. hrs.
Mathematics 1271 or 1300 or 2250C . . . . . 3-4 sem. hrs.
Zoology 1020, 3000, 2001C or 3100, 3600, 3800 . . . . . 16-17 sem. hrs.
Medical Technology 4000, 4005, 4010, 4020, 4030, 4040, 4050, 4055, 4060, 4070 at an affiliated school of medical technology . . . . . 32 sem. hrs.
TOTAL . . . . . 75-77 sem. hrs.

(Major GPA based on all courses in botany, chemistry, life science, mathematics, medical technology and zoology.)

Philosophy *(B.A.)*

Major:

One GE 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 3020, 3030**, 3040, 3060, 3300 . . . . . 3 sem. hrs.
Theory of Knowledge Component* (at least one course): Philosophy 3030**, 3740, 3780, 3810 . . . . . 3 sem. hrs.
Language Component*: a student must complete either Option A (one year of a foreign language at the college level — 6 sem. hrs.) or Option B (Philosophy 3100 — 3 sem. hrs.)
Option A . . . . . 6 sem. hrs.
Option B . . . . . 3 sem. hrs.
Electives in Philosophy . . . . . 15 sem. hrs.
TOTAL . . . . . Option A: 42 sem. hrs.
Option B: 39 sem. hrs.

* Philosophy 3600 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.)

Minor in Philosophy:

One GE course in Philosophy . . . . . 3 sem. hrs.
Philosophy 1900 . . . . . 3 sem. hrs.
Electives in philosophy to include at least six sem. hrs. of courses numbered 3000 and above . . . . . 12 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Physics *(B.S.)*

Major:

Chemistry (1310, 1315) or (1300, 1315); 1510; 1515 . . . . . 8 sem. hrs.
Mathematics 1441C, 2442, 2443, 3501, 3502 . . 20 sem. hrs.
Physics 1350*, 1360*, 1370, 2390, 2400, 3080, 3150, 3410, 3420, 4000, 4010, 4850 . . . . . 37 sem. hrs.
Three of Physics 4710, 4711, 4712, 4713 . . . . . 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, 1360) or (1150, 1160) 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:

PHY 4555 Honors Research . . . . . 3 sem. hrs.
PHY 4644 Honors Thesis . . . . . 3 sem. hrs.
PHY 4666 Honors Seminar . . . . . 2 sem. hrs.
PHY 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, 1510, 1515[2] . . . 8 sem. hrs.
Mathematics 1441C, 2300, 2442, 2443, 3501 . 18 sem. hrs.
Physical Science 3400 . . . . . 3 sem. hrs.
Physics (1350, 1360)[1], 1370, 2390, 2400, 3080, 3150, 3410, 4000, 4010, 4470, 4710, 4711, 4712, 4713 . . . . . 37 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, 1360) or (1150, 1160) 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 4 semester hours of laboratory) in order to meet certification requirements in chemistry.

Minor in Physics:

Physics 1350 or 1150, 1360 or 1160, 1370 . . . 12 sem. hrs.
Electives from: Physics 2390, 2400, 3010, 3011, 3012, 3080, 3090, 3150, 3300, 3350, 3410, 3420, 4470, 4711, 4712, 4713, 4750, 4850, 4860, (not more than 2 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); 1510, 1515[1] . . . . . 8 sem. hrs.
Mathematics 1441C, 2442 . . . . . 10 sem. hrs.
Physical Science 3400[2] . . . . . 3 sem. hrs.
Physics (1350, 1360)[3], 1370, 3150 . . . . . 16 sem. hrs.
Electives chosen from Physics 2390, 3080, 3410, 4470, 4710, 4711, 4712, 4713, 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 4 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, 1360) or (1150, 1160) 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, (4821, 4822, 4823) . . . . . 3 sem. hrs.
Comparative Politics: one of Political Science 3303, 3323, 3343, 3363, 3383 . . . . . 3 sem. hrs.
American Politics: one of Political Science 3643, 3713, 3723, 3733, 3743, 3753, 3903 (4831, 4832, 4833), 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 . . . . . 38-39 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:

A. PLS 4444 Honors Independent Study . . . . . 3 sem. hrs.
PLS 4555 Honors Research . . . . . 3 sem. hrs.
PLS 4644 Honors Thesis . . . . . 3 sem. hrs.
PLS 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 PLS 2002, PLS 2053, PLS 4753 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, (4821, 4822, 4823) . . . . . 12 sem. hrs.
American Politics, one of Political Science 3643, 3713, 3723, 3733, 3743, 3753, 3903, (4831, 4832, 4833), 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 3000, 3005, 3110, 3210, 3260, 3300, 3350, 3800 . . . . . 6 sem. hrs.
Economics, 12 sem. hrs.: 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

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) or (1300, 1315); 1510, 1515 . . . . . 8 sem. hrs.
English 1001C, 1002C . . . . . 6 sem. hrs.
Industrial Tech. 1043 . . . . . 3 sem. hrs.
Mathematics 1441C, 2442, 2443, 3501 . . . . . 17 sem. hrs.
Physics 1000, 1350, 1360, 1370, 2390, 2400, 3270 . . . . . 22 sem. hrs.
Humanities and Social Studies approved by Pre-Engineering Chairperson . . . . . 6 sem. hrs.
TOTAL . . . . . 62 sem. hrs.

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, 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 three years of college work before entering dental school. It is recommended that the minimum program be enriched with electives in history, economics, philosophy, sociology, and a modern language. All applicants for dental school are required to take the dental aptitude 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) or (1300, 1315);
1410, 1415, 3430, 3435, 3440 . . . . . 16 sem. hrs.
Physics (1150, 1160) or (1350, 1360) . . . . . 8 sem. hrs.
Mathematics elective . . . . . 3 sem. hrs.
Life Science 1010 . . . . . 4 sem. hrs.
Zoology 1020, 2000 or 3200 . . . . . 7-8 sem. hrs.
Electives . . . . . 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.

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 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) or (1300, 1315);
1410, 1415, 2730, 3430, 3435, 3450 . . . . . 19 sem. hrs.
Physics (1150, 1160) or (1350, 1360) . . . . . 8 sem. hrs.
Life Science 1010, 3200 . . . . . 8 sem. hrs.
Zoology 1020 . . . . . 4 sem. hrs.
Electives, approved by the advisor . . . . . 15 sem. hrs.
TOTAL . . . . . 60 sem. hrs.

Psychology *(B.A.)*

Major:

Psychology 2000, 2610, 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 two from Psychology 3530, 3601, 3765 . . . . . 6 sem. hrs.
Group D: at least one from Psychology 3515, 3521, 3525 . . . . . 3 sem. hrs.
Electives: 6 sem. hrs. from any Psychology courses except Psychology 4274 and 4275 . . 6 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.
PSY 3310, 3590, 3780, 3830, 3870, 4250, 4880 . . . . . 21 sem. hrs.
PSY 3515 or 3521 or 3525 . . . . . 3 sem. hrs.
PSY 4666 Honors Seminar (taken twice) . . . . . 6 sem. hrs.
[PSY 4444 (Honors Independent Study) taken once may be substituted for PSY 4666]
PSY 4644 Honors Thesis . . . . . 3 sem. hrs.
One graduate level course approved by the Departmental Honors Coordinator . . . . . 3 sem. hrs.
[PSY 4444 (Honors Independent Study) may be substituted for this requirement]
PSY 4444 can be taken for a total of no more than 6 hours.
Minimum Total Hours for Departmental Honors: 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, 2610, 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 two from Psychology 3530, 3601, 3765 . . . . . 6 sem. hrs.
Group D: at least one from Psychology 3515, 3521, 3525 . . . . . 3 sem. hrs.
Psychology 3400, 4515 . . . . . 6 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 . . . . . 3 sem. hrs.
Electives in Psychology (excluding 3400, 3550) 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 . . . . . 3 sem. hrs.
Psychology 3400 or Social Science 3400 . . . . . 3 sem. hrs.
Electives in Psychology . . . . . 14 sem. hrs.
TOTAL . . . . . 20 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 3025 or 3000 or 3200 or 3750 . . . . . 9 sem. hrs.
History 2300, 2400, elective in U.S. history . . . 9 sem. hrs.
History 1100, 3000, 3005, elective 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 anthropology, 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.

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 all sociology and anthropology 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 CUGPA of at least 2.0 in order to declare a major in sociology.*

To be admitted to the sociology major, transfer students must have at least 15 hours of credit taken at Eastern with a CUGPA of at least 2.0 in order to declare a major in sociology.*

Once admitted, in order to be certified for graduation with a major in sociology, a student must achieve a CUGPA 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 CUGPA 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, 2430, History 3510, 3780, Life Science 3200, Sociology 3610, Zoology 2000[2].

[1] Prerequisite: Three years of college Spanish or permission of the department chairperson.
[2] Prerequisite: Life Science 1001C.

Speech Communication *(B.A.)*

Major:

Admission to this program requires a minimum of a 2.25 cumulative grade-point average for at least twelve 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 2300, 2320, 2520, 2630 . . . . . 12 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 9 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 9 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 9 sem. hrs. selected from concentrations I, II, and/or special content courses.

IV. General Speech Communication:
12 sem. hrs. selected from concentration II, 9 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
SPC 4555 Honors Research . . . . . 3-6 sem. hrs.
SPC 4444 Honors Independent Study . . . . . 3-6 sem. hrs.
SPC 4666 Honors Seminar . . . . . 3-6 sem. hrs.
SPC 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

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 the following . . . . . 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.

* "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.)

** For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Speech Communication:

Speech Communication 2300, 2320, 2520, 2630 . . . . . 12 sem. hrs.
*Select 3 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.

Zoology *(B.S.)*

Major:

Botany 1010 . . . . . 4 sem. hrs.
Chemistry 1310 or 1300, 1315, 1410, 1415, 3430 . . . . . 12 sem. hrs.
Life Science 1010, 3200 . . . . . 8 sem. hrs.
Mathematics 1441C[1] . . . . . 5 sem. hrs.
Zoology 1020, 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 . . . . . 68 sem. hrs.

(Major GPA based on all environmental biology, life science and zoology courses taken at Eastern Illinois University.)

[1] Students not prepared for MAT 1441C may need to take an additional course.
[2] Excluding workshops (3997, 3998, 4997, 4998, 4999).
[3] No General Education "C" courses are acceptable as electives in the Zoology major, except MAT 2120C and 2250C.

Option in Zoology with Teacher Certification* Standard High School Certificate

Botany 1010, 1022, 3100, 3200 . . . . . 12 sem. hrs.
Chemistry 1310 or 1300, 1315, 1410, 1415 . . . . 8 sem. hrs.
Environmental Biology 3010C . . . . . 3 sem. hrs.
Life Science 1010, 3200, 3400 . . . . . 11 sem. hrs.
Zoology 1020, 3010, 3100, 3200 or 3500, 3300, 3700 . . . . . 23 sem. hrs.
TOTAL . . . . . 57 sem. hrs.

(Major GPA based on all botany, environmental biology, life science and zoology courses taken at Eastern Illinois University.)

* For the education coursework required for this option, see "Teacher Certification Programs."

Minor in Zoology:

Life Science 1010 (or equivalent) . . . . . 4 sem. hrs.
Zoology 1020 (or equivalent) . . . . . 4 sem. hrs.
Electives in Zoology, Environmental Biology, and Life Science[1, 2, 3]. At least 9 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). Life Science 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 are acceptable as electives in the Zoology minor.

Interdisciplinary Programs

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 their fields of study to include women's issues. The recent 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 Student Academic Services, Old Main 116.

Women's Studies 4309 . . . . . 3 sem. hrs.
Electives from: Art 3685, English 3900, Home Economics 2831, History 3900, Health Studies 3560, Journalism 3903, Political Science 3903, Sociology 3903, Speech Communication 3903, Women's Studies 2309C . . . . . 15 sem. hrs.
TOTAL . . . . . 18 sem. hrs.

Lumpkin College of Business

Theodore W. Ivarie, *Dean*
Kathleen Bennett, *Assistant to the Dean*
Nancy Wilson, *Acting Director of Administration and Development*
Robert Meier, *Director of Graduate Business Studies*
Wanda Johnson, *Academic Advisor*
Judith Sunderman, *Academic Advisor*
Doreen Nelms, *Admissions Officer*

General Mission

Students graduating from the Lumpkin College of Business should be able to contribute constructively to society and to the purposes of their employing organizations. These broadly educated graduates should have demonstrated proficiency in the common body of knowledge in business administration as well as that of their academic majors. Concepts and principles shall be integrated in relevant courses that will prepare students to:

1. Communicate effectively.
2. Define and solve problems in a rational manner.
3. Consider ethical implications of decisions and actions in order to function in a socially responsible manner, and
4. Recognize global, national, regional, and local economic, social, and technological forces that interact with them in their roles as responsible citizens and leaders.

To accomplish these outcomes the Lumpkin College of Business offers a graduate program culminating in the Master of Business Administration degree as well as the following undergraduate majors leading to the Bachelor of Science in Business: Accountancy, Administrative Information Systems, Business Education, Computer Management, Finance, Management (Administrative, Human Resources, and Operations concentrations), and Marketing. In addition, an interdisciplinary Minor in Business Administration is available to students majoring in fields other than business.

Admission to the Lumpkin College of Business

The Lumpkin College of Business limits the number of students who can declare majors and who can register for upper-division courses, depending on resources available. Those wishing to select a business major are classified as pre-business until admitted to a major. Students with a declared non-business major that requires upper-division business courses are admitted to courses on a proportional basis with business majors. Regardless of student's status, all prerequisites for business classes must be met prior to attendance. To be eligible to make application for admission to a major in the Lumpkin College of Business, students must:

1. Have been admitted to the University **(Admission to the University does not guarantee admission to the Lumpkin College of Business.)**
2. Have completed at least 42 semester hours.
3. Have completed at least three of the five tool courses or their equivalent with at least a grade of "C" in each:
   ACC 2100 Principles of Accounting I
   ACC 2150 Principles of Accounting II
   *COM 2175 Computer Based Systems and Business Applications *OR* BED 2510 Computer Systems and Microcomputer Applications
   MGT 2750 Legal and Social Environment of Business
   COM 2810 Business Statistics I
4. Have been classified as a pre-business major.
5. Be in good academic standing in order to make application.

*Prospective Computer Management majors should enroll in COM 2175. All others should enroll in BED 2510.

A student cannot be enrolled in any 3000-level business course at the time of application to the Lumpkin College of Business.

Application is made at the Office of Undergraduate Studies in Lumpkin Hall, Room 112.

Students who have not yet met the requirements for application to a major in business will remain classified as pre-business and may make application when they meet application criteria.

Applicants must submit completed application forms on or before the following deadlines in order to be considered for admission:

Term of Admission	Application Date**	Notification Date
Fall	February 15	March 1
	June 15*	July 1
Spring	September 15	October 1
Summer	February 15	March 1

* For students not qualifying for application by February 15.
** GPA requirement must be met by date of application.

Admission is competitive and will be based on a ranking of overall grade point averages. Native students will be considered separately from transfer students. Any student with 17 or more credits accepted at EIU from another institution will be considered a transfer student for Lumpkin College of Business admission purposes.

If accepted by EIU, grades received from previously attended colleges will be used in calculating the GPA for entrance into the Lumpkin College of Business. New off-campus transfer students who indicate on the application for admission to the University that they intend to major in the Lumpkin College of Business do not need to file a separate application; however, they must satisfy the criteria of application for admission. Transfer students apply to the Lumpkin College of Business by submitting official transcripts to the Admissions Office immediately at the end of each grading period. The same published application deadline dates apply to transfer students as apply to native students. Those who meet the application criteria will be accepted pending successful completion of all admission criteria.

A business major may not take an upper-level (3000 or above) business course until final admission to the Lumpkin College of Business. Prior to final admission to the Lumpkin College of Business, a declared major student must complete:

1. 60 semester hours.
2. all five of the tool courses listed below with at least a grade of "C" in each:
   ACC 2100 Principles of Accounting I
   ACC 2150 Principles of Accounting II
   *COM 2175 Computer Based Systems and Business Applications *OR* BED 2510 Computer Systems and Microcomputer Applications
   MGT 2750 Legal and Social Environment of Business
   COM 2810 Business Statistics I

* Prospective Computer Management majors should enroll in COM 2175. All others should enroll in BED 2510.

A Lumpkin College of Business Committee on Admissions will review student appeals, admission procedures, and special situations. All decisions of the Committee are final.

Students who do not meet the criteria for admission will continue in pre-business status and must initiate a new application for admission for reconsideration for a later term.

A student who has been academically dismissed from Eastern Illinois University after being admitted to an upper-division major in business will be reclassified as a pre-business major. Once readmitted to the university, the student must reapply to the Lumpkin College 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 advisors before pre-registration or registration. All other students wishing to pre-enroll in upper-division business classes must have approval from the College Dean of the student's major. 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 EIU, that course will not be accepted by the Lumpkin College of Business in subsequent transfer from another college or university.

Honors Program for Business Majors With 3.50 Cumulative G.P.A.

Admission to the Business Honors Program requires a 3.50 cumulative G.P.A. and permission of the Director of the Honors Program and the Business Honors Program Coordinator.

Business 4555, Management 4391 . . . . . 6 sem. hrs.
At least two of the following 3 courses:
Management 3091,
Marketing 3491,
Finance 3790 . . . . . 6 sem. hrs.
TOTAL . . . . . 12 sem. hrs.

Faculty of the Lumpkin College of Business

Accountancy/Finance

Frank Clark, *Chairperson*
Born, W.; Davis, H.; Dudley, D.; Dudley, L.; Gover, T.; Gueldner, G.; Hennig, M.; Hogan, S.; Jordan-Wagner, J.; Kopel, R.; Laribee, S.; Mandeville, R; Michelson, S.; Mills, T.; Moncada, T.; Monippallil, M.; Nibbelin, M.; Walker, L.; Wootton, C.

Business Education/Administrative Information Systems

Lillian R. Greathouse, *Chairperson*
Campbell, B.; Garrett, N.; Graves, P.; Kottwitz, K.; Luft, R.; Lundgren, C.; Lundgren, T.; McEwen, T.; McGrady, D.; Nantz, K.; Noll, C.; Wilkins, M.

Computer and Operations Management

Yunus Kathawala, *Chairperson*
Allen, W.; Bomball, M.; Dennison, R.; Ketler, K.; Laribee, J.; Meier, R.; Satterfield, R.; Turban, E.; Walstrom, J.; Wasz, J.; Wilson, M.

Management/Marketing

V. Aline Arnold, *Chairperson*
Arseneau, D.; Brankey, E.; Chandler, W.; Dudley, S.; Elmuti, D.; Freese, C.; Joyner, A.; Kemmerer, B.; Kim, E.; Mallory, K.; Marlow, E.; Marlow, N.; Oglesby, M.; Payne, S.; Preston, S.; Rinefort, F.; Roszkowski, C.; Wayland, J.; Wayland, R.; Weller, R.

Lumpkin College of Business: Academic Programs

Accounting
*(B.S. in Business)**

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.
Business Education 2510 . . . . . 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[1] . . . . . 6 sem. hrs.
TOTAL . . . . . 76 sem. hrs.

(Major GPA based on all Lumpkin College of Business courses taken.)

[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.

* For requirements for admission to the Lumpkin College of Business see page 113.

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 trainers, microcomputer specialists, and records and micrographics personnel.

Major:

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Business Education 2020, 2130, 2510, 2610, 3100, 3110, 3120, 4800, 4850 . . . . . 26 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, 4360 . . . . . 9 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 2110C, 2120C[1] . . . . . 6 sem. hrs.
TOTAL . . . . . 71 sem. hrs.

(Major GPA based on all Lumpkin College of Business courses taken.)

[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.

* For requirements for admission to the Lumpkin College of Business see page 113.

Business Education
*(B.S. in Business - with Teacher Certification)**

Business Education prepares students for careers as secondary business teachers.

Major:

Accounting 2100, 2150 . . . . . 6 sem. hrs.
Business Education 2130, 2510, 2610, 3000, 3400, 3401/3402, 4750 . . . . . 18 sem. hrs.
Computer and Operations Management 2810, 4250 . . . . . 6 sem. hrs.
Economics 2801, 2802 . . . . . 6 sem. hrs.
English 1001C, 1002C . . . . . 6 sem. hrs.
English Elective . . . . . 3 sem. hrs.
Finance 3710 . . . . . 3 sem. hrs.
Health Studies 1200[1] . . . . . 2 sem. hrs.
Humanities (see General Ed requirements) . . . . 6 sem. hrs.
Management 2750, 3010, 4360 . . . . . 9 sem. hrs.
Marketing 3470 . . . . . 3 sem. hrs.
Mathematics 1271, 2120C . . . . . 6 sem. hrs.
Natural Science[2] . . . . . 9 sem. hrs.
Non-Western or Third World History . . . . . 3 sem. hrs.
Political Science 1153C . . . . . 3 sem. hrs.
Professional Education Requirements[3] . . . . 20-24 sem. hrs.
Psychology 2310 . . . . . 3 sem. hrs.
Senior Seminar[4] . . . . . 2 sem. hrs.
Speech Communication 1310C . . . . . 3 sem. hrs.
U.S. History . . . . . 3 sem. hrs.
TOTAL . . . . . 120-124 sem. hrs.

(Major GPA based on all business courses taken at Eastern Illinois University.)

* For requirements for admission to the Lumpkin College of Business, see page 113.

[1] May be satisfied by passing the Health Competency Examination, in which case the student must substitute a Health Studies Elective.

[2] Must include 3 hrs. in physical science, 3 hrs. in a biological science and 3 hrs. in physical *or* biological science. One course must include a lab.

[3] The Regular Program consists of 24 semester hours and the Alternate Secondary Education Program (ASEP) consists of 20-21 semester hours. (See Teacher Education section of the catalog for course requirements.)

[4] Must be chosen outside area of business.

Minor in Business Education for Teacher Certification:

Business Education 1420, 2510, 2610, 3400 . . 10 sem. hrs.
Business Education 3401 and/or 3402 . . . . . 2 sem. hrs.
Statistics or 1 year 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
Business Education 2020, 2130, 4750 . . . . . 9 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 microcomputer networks in the corporate environment.

Major:

Accountancy 2100, 2150 . . . . . 6 sem. hrs.
Computer and Operations Management 2175, 2310, 2810, 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.
Three of the following:
Computer and Operations Management 2250, 3250, 3800, 3820, 4810, 4820, or Mathematics 3670, 4970 . . . . . 9 sem. hrs.
TOTAL . . . . . 72 sem. hrs.

(Major GPA based on all Lumpkin College courses taken.)

[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.

* For requirements for admission to the Lumpkin College of Business, see page 113.

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.
Business Education 2510	3 sem. hrs.
Computer and Operations Management 2810, 3950, 4250	9 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710, 3720, 3730, 4830	12 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 three must be Finance): Finance 3740, 3750, 3760, 3900, 4040, 4100, 4200, 4820, Management 3480, Computer and Operations Management 3800, Accountancy 4800	15 sem. hrs.
TOTAL	72 sem. hrs.

(Major GPA based on all Lumpkin College of Business courses taken.)

[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.

* For requirements for admission to the Lumpkin College of Business, see page 113.

Management *(B.S. in Business)**

Management majors can elect to concentrate in one of three areas: administrative management, human resource management, or operations management. Since the study of management lends itself to many disciplines, job prospects are varied.

Major:

Accountancy 2100, 2150	6 sem. hrs.
Business Education 2510	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, 3830, 4310, 4360	15 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 2110C, 2120C[1]	6 sem. hrs.
Select concentration in Administrative Management, Human Resources Management, or Operations Management	21 sem. hrs.
TOTAL	75 sem. hrs.

Administrative Management:
Courses in the areas of: Human Resource Management, Law of Business Organizations, Organizational Theory, Special Topics in Management, International Business Policy and Operations, International Marketing, **PLUS** one of International Finance, Introduction to Operations Research, Internship in Management, Management Consulting Research. **Total, 21 sem. hrs.**

Human Resources Management:
Courses in the areas of: Human Resource Management, Law of Business Organizations, Labor and Employment Law, Compensation Management, Labor Management Relations, Recruitment, Selection and Development, Personnel Research and Performance Appraisal. **Total, 21 sem. hrs.**

Operations Management:
Courses in the areas of: Introduction to Operations Research, Business Statistics II, Production Systems and Control, Capacity Management, Production Operations Strategy, **PLUS** two of: Internship in Computer and Operations Management, Computer-Based Business Applications, Special Topics in Computer and Operations Management, Plant Layout and Material Handling, Statistical Quality Assurance. **Total, 21 sem. hrs.**

(Major GPA based on all Lumpkin College of Business courses taken.)

[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.

* For requirements for admission to the Lumpkin College of Business, see page 113.

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.
Computer and Operations Management 2810, 3950, 4250	9 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710	3 sem. hrs.
Business Education 2510	3 sem. hrs.
Management 2750, 3010, 3470, 4360	12 sem. hrs.
Marketing 3470, 3490, 3720, 4470, 4780, 4860, 4875, 4900; 4490 or 4876 or 4100	27 sem. hrs.
Mathematics 2110C, 2120C[1]	6 sem. hrs.
TOTAL	75 sem. hrs.

(Major GPA based on all Lumpkin College of Business courses taken.)

[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.

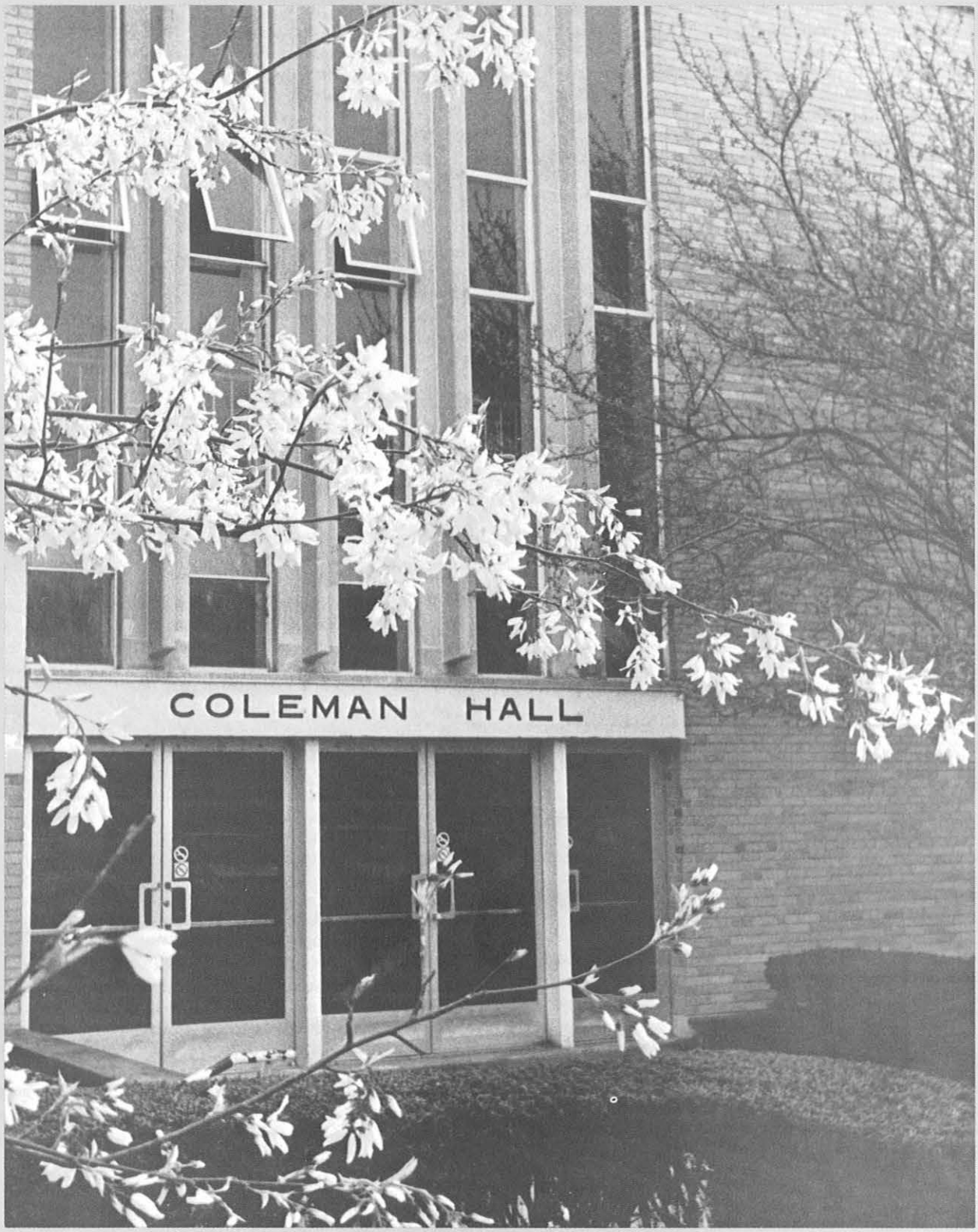
* For requirements for admission to the Lumpkin College of Business, see page 113.

Minor in Interdisciplinary Business Administration:

Accountancy 2100	3 sem. hrs.
Business Education 2510, 1420	6 sem. hrs.
Management 3010	3 sem. hrs.
Twelve additional hours to be chosen from: Accountancy 2150, 2200, 3701, 4800, Business Education 2610 or Management 3830, Business Education 2020, 4800, Economics 2801, 2802, Finance 3710, 3740, 3900, Management 2750, 4310, Marketing 3470, 3490, 3720, Marketing 4470 or 4780	12 sem. hrs.
TOTAL	24 sem. hrs.

Note: Not available for students in business-related majors. Approval to enroll in upper division courses must be obtained from the Dean of the student's particular college.

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. In addition, 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, Illinois, Richland Community College in Decatur, 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 Academic Services.

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 Academic Services. Mail-In registration forms may be obtained from the Office of Off-Campus Academic Services. 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:

	Fr/Soph	Jr/Sr	Grad
Tuition (Per Semester Hour)	$77.00	$77.00	$81.00
Textbook Rental (Per Semester Hr.)	$ 3.70	$ 3.70	$ 3.70

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 Academic Services. Please address inquiries and requests for schedules to:

School of Adult and Continuing Education
Booth House
Eastern Illinois University
Charleston, Illinois 61920
or telephone (217) 581-5114/fax (217) 581-6697

Adult Degree Programs

Degree programs of particular interest to the adult nontraditional learner are Career Occupations, described in detail in Section VIII, and the BOG-BA, 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 Board of Governors universities
12 semester hours in social studies
12 semester hours in humanities
12 semester hours in science and/or mathematics

In addition, students must successfully complete the following:

Two courses in a single Foreign Language;
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.

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 Credit-Free Programming, and if you are interested in Credit Programs, you should contact the Office of Off-Campus Academic Services.

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.

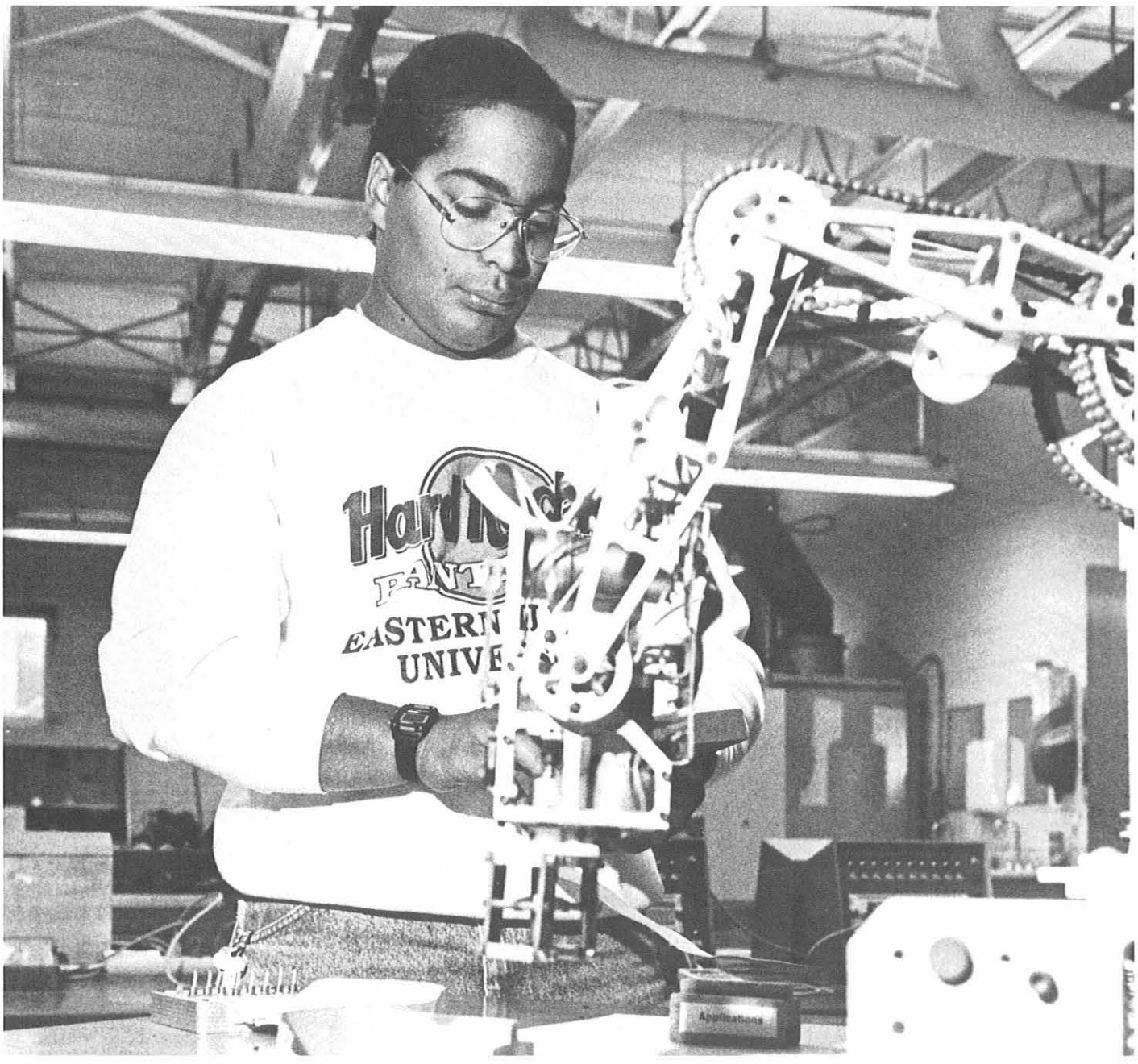
Contract-Credit Courses

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 Academic Services 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.



X. Graduate School

Graduate Degrees

The University offers on the fifth-year level the 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 (SSP) 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 Research.

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.

International Students.

Regulations concerning the admission of students from foreign nations to graduate study can be obtained from the office of the Dean of the Graduate School and Research. 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 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 these awards should contact the department of their choice or the Office of the Graduate Dean. Applications for the 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
Psychology
Speech Communication

Master of Science

Botany
Chemistry
Communication Disorders and Sciences
Environmental Biology
Home Economics
  Option: Dietetics
Physical Education
Technology
Zoology

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 and Supervision
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.

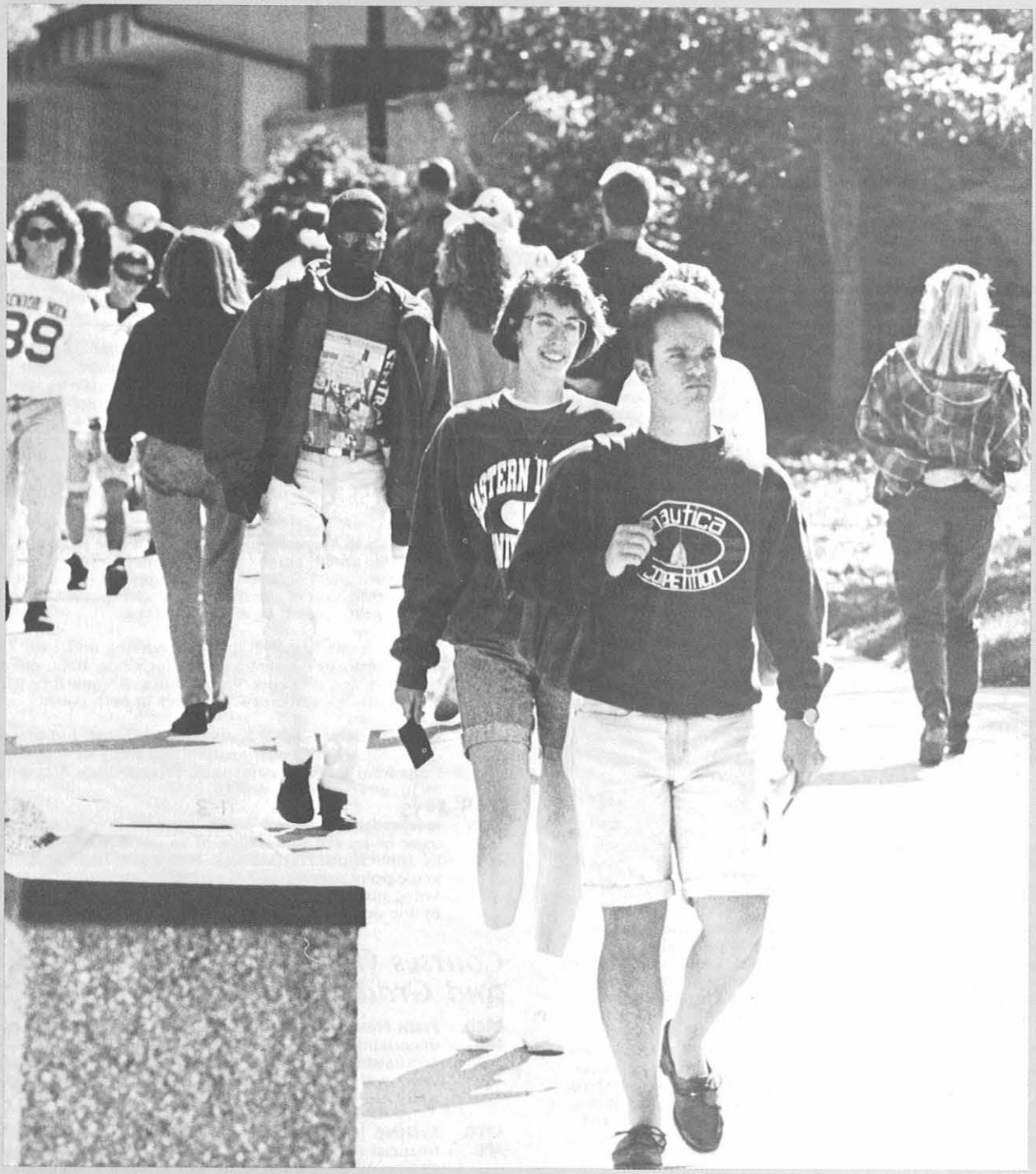
SPECIALIST IN SCHOOL PSYCHOLOGY DEGREE

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.

c. Course numbers which are followed by the letter "C" are core courses. 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.

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. 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 for 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.

4050. ACC **Advanced Accounting and Consolidations. (3-0-3)** Financial accounting measurement, partnerships, international operations, consignments, installment sales, fiduciaries, and accounting for various types of business combinations. Prerequisite: Accountancy 3051 with grade of 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: ACC 3030, 3041, and permission of department chair.

4275. ACC **Internship in Accounting. (Arr.-Arr.-3 or 6 or 9 or 12 or 15) (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.

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.-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.

Afro-American Studies

Undergraduate Courses

2000. AFR **Introduction to the Afro-American Experience. (3-0-3) F, S.** Introduction to the study of Afro-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.

2100. **Afro-American History.** (See History 2100)

2300. **Afro-American Art.** (See Art 2300)

2555C. **Experiencing Music with the Music of African Americans.** (See Music 2555C(2).)

2705. **Black Literature.** (See English 2705.)

2710. **Principles of Sociology** (See Sociology 2710.)

3065. **The American South.** (See History 3065.)

3810. **Urban Sociology.** (See Sociology 3810.)

4275. AFR **Internship in Afro-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 Afro-American Studies chairperson.

4700. **Psychology of Prejudice and Discrimination.** (See Psychology 4700.)

4740. **Racial and Cultural Minorities.** (See Sociology 2840.)

4750. **Studies in Black Literature.** (See English 4750.)

4840. **The Disadvantaged Family.** (See Home Economics 4840.)

Anthropology

Undergraduate Courses

2200C. ANT **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 **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 worldwide 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.

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, consent of supervising faculty member, and permission of the department chairperson.

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, 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 Junior High School 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.

2011. ART **Art Orientation. (1-0-1) F, S.** An introduction and preparation for a professional career in a number of fields of art. Restricted to art majors.

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 and Art 1110 or Art 2310C and junior high school education curriculum with field II in art.

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.

2250. ART **Ceramics I. (0-6-3) F, S.** Introduction to various handbuilding techniques, decorative methods, the firing process and the use of the potter's wheel.

2300. ART **Afro-American Art. (3-0-3) F.** Contribution of the African American people to the art of the western world. Course is recommended for partial fulfillment of the humanities requirement for students enrolled at Eastern prior to F'92.

2310C. ART **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 **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.

2340. ART **Crafts. (2-3-3) F, S.** The study of the aesthetic and technical qualities of crafts. Lecture and lab experiences will introduce students to the contributions that various Western and non-Western cultures have made in the area of crafts to the development of humanity. Prerequisites: The course is recommended for partial fulfillment of the humanities requirement and specific fulfillment of the Fine Arts requirement for students enrolled at Eastern prior to F'92. Not open to students whose major or minor is art.

2390C. ART **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. (1-0-1) 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. (Arr.-Arr.-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, junior high school 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, Junior High School Education, or Special Education.

2560. ART **Printmaking I. (0-6-3) F, S.** Survey and exploration of methods of printmaking.

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 **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 **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. Prerequisites: 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, Art 1111 or permission of instructor.

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.

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 and 1111.

2920. ART **Graphic Abstractions. (0-6-3) S.** Simplification of an object into black-and-white form and subsequent color translations. Prerequisite: Art 2910.

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 2011, except for art majors in the teacher certification option. A transfer student may take this course concurrently with Art 2011. 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 junior high school 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: 2250.

3252. ART **Ceramics III. (0-6-3) F, S.** Continuation of Art 3251. Prerequisite: Art 3251.

3410. ART **Art Education for Secondary Schools. (2-3-3) F.** 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, Junior High School 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.

3420. ART **New Media in the Art Curriculum. (0-6-3) F.** 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 **African Art. (3-0-3) S.** Comprehensive study of the styles and functions of African Tribal Arts. Open to Art majors for elective credit only.

3620C. ART **The Historical Context of Art Production. (3-0-3) S, Su.** 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.

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.** 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. Prerequisite: Art 2601 or 2602 or 2330C or 2650C or 3620C or permission of the instructor.

3690C. ART **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 relevence 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. The Apple IIe computer may be used as a design tool. 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 **Graphic Design I. (0-6-3) F, S.** Introduction to use of display type and symbol as a communication tool. Prerequisite: Art 2920.

3920. ART **Graphic Design II. (0-6-3) F, S.** Continued investigation with type and an introduction to the use of text type and its application to layout design. Prerequisite: Art 3910.

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.

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. Prerequisite: Art 3000 or 2000 and the permission of the instructor.

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.

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.

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 holloware; 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) S.** 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

4765. ART **Twentieth Century American Painting and Sculpture. (3-0-3) F.** A study of major American artists and tendencies that have developed since 1908. Prerequisite: Art 2602 or 2330C or 2650C 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 and art-historical literature, with emphasis on critics, artists and art of the post-World War II period. Prerequisite: Art 2650C or 3680 or 4765 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 **Graphic Design III. (0-6-3) F.** The application of visual communication concepts to three dimensional problems. Prerequisite: Art 3920.

4920. ART **Graphic Design IV. (0-6-3) S.** Comprehensive typographic studies involving text type and pictorial elements. Prerequisites: Art 4910; or 3920 and 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.**

Biological Sciences

(See Botany, Environmental Biology, Life Science, and Zoology listings.)

Botany

Undergraduate Courses

1000C. BOT **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.

1010. BOT **General Botany. (2-4-4)** General botany with particular emphasis on plant structure, function, and economic importance. Prerequisite: Life Science 1001C.

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 **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.

1090C. BOT **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. Prerequisite: Admission to the University Honors Program.

2000C. BOT **The Mystery of Microbes. (2-2-3).** The characteristics and activities of microorganisms with special emphasis on their significance to society. Not open to those with credit or registration in BOT 3300. Not to count in the Botany major or minor.

2318. BOT **Outdoor Home Horticulture. (1-2-2) S-odd-numbered years.** The principles and practices of outdoor gardening and landscaping with emphasis on the practical aspects of each.

2319. BOT **Indoor Home Horticulture. (1-2-2) F-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 of Lower Plants. (1-4-3) F, S.** The classification, structure, life-history, and importance of the algae and fungi. Prerequisite: Botany 1010.

3200. BOT **Morphology of Higher Plants. (1-4-3) F, S.** The classification, structure, life-history, and importance of the bryophytes and vascular plants. Prerequisite: Botany 1010.

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 1010 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.

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 9 credit hours in botany (or, by petition, 6 credit hours in botany with additional credit in other biological sciences to total at least 9 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.

Courses Open to Juniors, Seniors and Graduate Students

4751. BOT **Lichens. (0-4-2) F.** The collection and identification of lichens. Prerequisite: Botany 3100.

4801. BOT **Systematic Botany. (1-4-3) F.** The classification and characteristics of the common families of flowering plants. Prerequisite: Botany 1010.

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 1010 or equivalent.

4851. BOT **Plant Anatomy. (1-4-3) S.** A study of the structure and development of cell and tissue types comprising the plant body of seed plants. Prerequisite: Botany 3200.

4882. BOT **Phycology. (1-4-3) S.** The structure, classification, life-history, evolution, and economic importance of the algae with emphasis on freshwater forms. 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.

4904. BOT **Introductory Mycology. (1-4-3) S.** Course description: 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.

4979. 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.

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.

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 Education and Administrative Information Systems

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.** The business firm in the social and legal framework of society, its responsibility and contributions to society. Not open to junior or senior B.S.B. majors.

2020. BED **Introduction to Administrative Information Systems. (3-0-3) F, S.** Basic administrative management concepts; overview of the management of administrative office systems; career opportunities.

2130. BED **Word Processing. (3-0-3)** An introduction to word processing in the modern office; encompasses word processing and administrative services concepts, equipment operation, and management control. Prerequisite: Business Education 1120 or equivalent.

2510. BED **Computer Systems and Microcomputer Applications. (3-0-3)** An introduction to computer systems, business applications, and end-user computing. Emphasis on microcomputer applications software including word processing, spreadsheets, graphics, and database management systems. Not open to prospective computer management majors. Prerequisite: Keyboarding skills strongly recommended.

2610. (2010) BED **Business Communication. (3-0-3) F, S.** Practice in formulation and communication of business information, oral and written. Prerequisite: Business Education 2510 or equivalent, and keyboarding skills strongly recommended.

3000. BED **Consumer Education. (3-0-3) F, S.** Factors affecting personal and family financial management, including investments and savings, use of credit, insurance and taxes. Team taught with Home Economics 3300.

3100. BED **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: Business Education 2510.

3110. BED **Electronic Office Procedures. (3-0-3) F, S.** Procedures for the electronic office with emphasis on human relations, organizational skills, communication skills, and decision making. Flow-of-work simulation integrates skills and knowledge. Prerequisites: Business Education 2020, 2130 and 2510.

3120. BED **Administrative Systems Personnel. (3-0-3) F, S.** Strategies and issues related to effective supervision and management of office and information systems personnel. Prerequisite: Business Education 2020. May not be substituted for Management 3450.

3300. BED **Personal Financial Investment. (2-0-2) F, S.** Comparative study of investment procedures and opportunities for the individual and family, including savings, insurance, securities, real estate, and estate planning. *Note:* Not open to students who have completed or who are enrolled in Finance 3720.

3400. BED **Methods of Teaching Business. (1-0-1) F, S.** Foundations of business education, curriculum source of assistance for the classroom teacher, and techniques of planning and evaluation for the business curricula. Prerequisite to all departmental specialized methods courses. Prerequisites: Educational Psychology 3325 and Secondary Education 3330.

3401. BED **Methods of Teaching Office Skills. (2-0-1 or 2) F, S.** Teaching methods, content, textbooks, teaching materials, and visual aids in typewriting and shorthand. Prerequisite: Business Education 3400.

3402. BED **Methods of Teaching Basic Business and Accounting. (2-0-1 or 2) F, S.** Teaching methods, content, textbooks, teaching materials, and visual aids in basic business and accounting. Prerequisite: Business Education 3400.

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 or 15) (Credit/No Credit) F, S.** A minimum of 360 hours of employment in a firm approved by the instructor; a training memorandum and approval prior to enrollment is required. Prerequisite: Acceptance of the student by a business firm and by the instructor as evidenced by a training memorandum.

4740. BED **Independent Study. (Arr.-Arr.-1 to 3) F, S.** Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisites: Senior standing, 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.

4800. BED **Electronic Information Systems. (2-0-2) On demand.** The study of sophisticated transmission systems, including electronic, telecommunication, fiber optic, and satellite transmission; and their impact on information processing in the office. Prerequisite: Junior standing.

4850. BED **Administrative Systems Design. (3-0-3) F, S.** Analysis, design, implementation, evaluation and control of administrative office systems. Prerequisites: Business Education 3100, 3110, and senior 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 descriptions 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 team building. Prerequisites: 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 programs 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. Prerequisites: 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. Prerequisites: Six semester hours in Career Occupations courses.

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. For the student who has had no high school chemistry or whose background in algebra is weak, Chemistry 1300 and 1315 should be taken instead of 1310 and 1315. There is one additional meeting per week for extra drill.

For the second semester, Chemistry 1410 (lecture) and 1415 (laboratory) are offered for those whose interest is in the biological sciences and the various pre-professional programs in the medically related fields. Chemistry 1510 (lecture) and 1515 (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, 1410 and 1415; Chemistry 1300 and 1315, or 1310 and 1315, 1510 and 1515.

Note: A breakage ticket of $5 is required for laboratory courses in chemistry. The unused portion is returnable at the end of the course.

Undergraduate Courses

1040C. CHM 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.

1300. CHM General Chemistry. (4-0-3) F, S. An introductory course for those with no high school chemistry or weak algebra background. The same as Chemistry 1310 but at a slower pace. Chemistry 1315 must be taken concurrently. Credit not granted for both Chemistry 1300 and 1310.

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. Not recommended for those whose ACT mathematics score is less than 21 without prior or concurrent enrollment in Mathematics 1271 or 1300. Credit not granted for both Chemistry 1310 and 1300.

1315. CHM General Chemistry Laboratory I. (0-3-1) Must be taken concurrently with Chemistry 1310 or 1300.

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 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.

1410. CHM General Chemistry II. (3-0-3). The second semester of the general chemistry sequence for biological science majors and those in the various medical fields. Chemistry 1415 must be taken concurrently. Prerequisites: Chemistry (1300, 1315) or (1310, 1315). Credit not granted for both Chemistry 1410 and 1510.

1415. CHM General Chemistry Laboratory II. (0-3-1). Must be taken concurrently with Chemistry 1410. Credit not granted for both Chemistry 1415 and 1515.

1510. CHM 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 1515 must be taken concurrently. Prerequisites: Chemistry (1300, 1315) or (1310, 1315). Credit not granted for both Chemistry 1510 and 1410.

1515. CHM General Chemistry Laboratory II. (0-3-1) F, S. Must be taken concurrently with Chemistry 1510. Credit not granted for both Chemistry 1515 and 1415.

1590. CHM 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 1595, Honors, must be taken concurrently.

1595. CHM General Chemistry Laboratory II, Honors. (0-3-1) S. Experimental work demonstrating chemical principles and their applications. Must be taken concurrently with Chemistry 1590, Honors. Prerequisite: Admission to the University Honors Program.

2040C. CHM 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.

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 (1410, 1415) or (1510, 1515).

2730. CHM Quantitative Analysis. (2-4-3) F, S. Theory and applications of gravimetric, volumetric, electrochemical, and spectrophotometric quantitative chemical analysis. Prerequisites: Chemistry (1410 and 1415) or (1510 and 1515).

3000. CHM **Undergraduate Seminar. (1-0-0) F, S.** Audit only. For juniors. Prerequisite: Concurrent registration in Chemistry 3910 or permission of the instructor.

3001. CHM **Undergraduate Seminar. (1-0-1) F, S.** A thorough search of a recent development in chemistry and the presentation of a talk based on this search. For juniors. Prerequisite: Chemistry 3000.

3040C. CHM **Developments in Science and Technology. (3-0-3) S.** This course explores the historical development and the 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 the 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 (1410, 1415) or (1510, 1515). 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) S.** This course will introduce the student 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) 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 1510; Mathematics 1441C and 2442; Physics 1350 and 1360.

3915. CHM **Physical Chemistry Laboratory. (0-6-2) 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. Prerequisite: 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 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. Prerequisites: Chemistry 3500 plus 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; permission of 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; 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. Prerequisites: A minimum of 2 credit hours of Chemistry 4555; admission to the Departmental Honors Program; permission of 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; permission of 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. Prerequisites: Chemistry 3450.

4765. CHM **Biochemistry Laboratory. (0-4-2) S.** Introduction to experimentation with biochemical systems, processes, and compounds; identification and quantitative measurement of constituents and transformations in biological systems. Prerequisites: Chemistry 3450. Current 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 either B.S. or M.S. degrees in chemistry. Prerequisites: Eight semester hours in chemistry and twelve 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 **Special Topics in Biochemistry. (3-0-3) F, S.** 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 co-requisite: Chemistry 4900.

4960. CHM **Industrial Chemistry. (3-0-3) On demand.** A detailed survey of the interrelation of the scientific, engineering and business aspects of the chemical industry including heat and mass balance, chemical economics, chemical marketing, case studies of important inorganic and organic processes. Prerequisite: Chemistry 3910 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.

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.

Communication Disorders and Sciences

Undergraduate Courses

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 **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 **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. Prerequisites: Communication Disorders and Sciences 1100, 2110, and 2700.

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. Prerequisite: Communication Disorders and Sciences 1100.

2800. CDS **Introduction to Speech Pathology. (3-0-3) S.** A study of the pathology, etiology and treatment of articulatory, voice, hearing, stuttering, and organically-based speech 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: Communication Disorders and Sciences 2210, 2800, or permission of the instructor.

3410. CDS **Stuttering. (2-0-2) S.** Prominent theories of causes of stuttering are surveyed. Corrective techniques are studied and evaluated. Prerequisite: Communication Disorders and Sciences 2800, 3800 or permission of the instructor.

3600. CDS **Audiology. (2-0-2) F.** The study of the basic process of hearing and its assessment. Students conduct hearing surveys and do individual hearing tests. Students observe at least 25 hours in the Clinic. Prerequisite: Communication Disorders and Sciences 2800 or permission of the department chairperson.

3651. CDS **Aural Rehabilitation I. (2-0-2) S.** Study of rehabilitation for the hard-of-hearing, including techniques of hearing aid selection. Prerequisite: Communication Disorders and Sciences 3600 or permission of the instructor.

3700. CDS **Phonological Assessment and Remediation. (3-0-3) F.** Study of assessment and remediation of functional phonological disorders. Formal and informal assessment procedures are discussed. Behavioral, linguistic, sensorimotor, and other remediation programs are presented. Prerequisites: Communication Disorders and Sciences 1100 and 2700.

3800. CDS **Evaluation and Therapy. (3-0-3) F.** Training in specific diagnostic techniques for speech disorders; planning specific corrective techniques. Students observe at least 25 hours in the clinic. Prerequisite: Communication Disorders and Sciences 1100, 2110, 2210, 2700, 2800 or permission of the instructor.

4700. CDS **Clinical Practice. (Arr.-Arr.-1 or 2)** Supervised work with a variety of speech-language-hearing disorders. A minimum of 2 semester hours are required. Each of these semester hours must be earned in a different semester. Exceptions require permission of the department chairperson, a major GPA of 3.25, and completion of all clinic prerequisites. Prerequisites: Communication Disorders and Sciences 1100, 2210, 2800, 3250, 3700, 3800, or permission of the department chairperson and a major GPA of 2.85.

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 of a specific problem or problems in speech pathology, audiology, speech or hearing correction. Prerequisite: 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: Communication Disorders and Sciences 2800 and 2110 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: Communication Disorders and Sciences 2800 or permission of the instructor.

4800. CDS **Professional Relationships for the Speech-Language Pathologist. (2-0-2) S.** Discussion of certification and ethical issues, counseling techniques, 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.

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.**

Computer and Operations Management

Undergraduate Courses

2175. COM **Computer-Based Systems and Business Applications. (3-0-3) F, S.** An introduction to business software packages, such as word processing and spreadsheets, and to computer languages such as FORTRAN. Emphasis is on programming in an interactive environment. Additional topics, such as hardware, telecommunications, operating systems and organizational information systems are discussed. Prerequisite: Completion of 30 semester hours or more.

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 2175, and completion of 30 semester hours or more. (This course replaces COM 2300).

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 2175 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: Mathematics 2120C.

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. (This course replaces COM 3190.)

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. Prerequisites: Computer and Operations Management 3290 or (Mathematics 3670, 4870 and Computer Operations Management 2310).

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, Management 3010, and Mathematics 2110C.

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. Prerequisites: Admission to Lumpkin College of Business. 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).** Employment 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.

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 COM 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 COM 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

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; 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; 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 **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 **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 **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 **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) S. 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.

2460 ESC **Oceanography. (3-0-3) S.** Descriptive study of the physics, chemistry, biology and geology of the world ocean.

3010C. ESC/ GEL **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 EVB 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 **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 ESC 3010C, Environmental Physical Science.

3300. ESC **Soils. (2-2-3) On demand.** Survey of basic topics in soil science. Chemical and physical processes in soils biota and organic matter, soil classification and soil fertility. Applied laboratory experiences. Prerequisite: Chemistry 1410 or 1510. Cross listed as Geography 3300.

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).

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.

4420. 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. Prerequisites: Permission of the faculty supervisor and approval of the department chairperson.

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 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 ECN 2801 or ECN 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. *Note:* May not be counted as part of the 36-semester-hour requirement in economics for economics majors. May not be counted toward the minor.

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 distributions, 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 state, federal, or international agency or business firm. Twelve semester hours may be earned in the fall or spring semesters and 9 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 on any other internship offered by the university. *Note:* No more than six semester hours can be used to meet the total credit hours required in the major. Prerequisites: 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: Permission of the Director of Honors Programs and 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. Prerequisites: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

4666. ECN **Honors Seminar. (Arr.-Arr.-3)** Areas of investigation which require integration of Economics and research will be treated. Prerequisites: Permission of the Director of Honors Programs and 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 Soviet Economy. (3-0-3) S.** A descriptive analysis of the economic structure of the Soviet Union with primary emphasis on the post World War II period. 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 or the equivalent.

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.

4872. ECN **Economic Planning. (3-0-3) S.** A study of development planning by public authorities in market economies as well as command economies. Prerequisite: Economics 4570 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.

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) 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

Please note that courses in Educational Administration will be offered as frequently as possible. For a specific schedule of courses, students should contact the Chairperson of the Department of Educational Administration.

Courses Open to Juniors, Seniors, and Graduate Students

4780. EDA **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. EDA **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.

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 **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. (This course replaces EDF 1000.)

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. Prerequisites: Students need to have completed their cultural diversity course and/or a third world course.

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 6 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

4900. EDG **Principles and Techniques of Guidance. (3-0-3)** An introductory course, principles and purposes underlying guidance activities. Required of students in family services curriculum.

4910. EDG **Guidance in the Elementary School. (3-0-3) F.** 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. Prerequisites: 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, twelve 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.

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.

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 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 Junior High School Education 3110, 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.

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.

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.** 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) 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. (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. ELE **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. ELE **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.

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 the 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 Junior High School Education 4280.

Note: Courses in English are grouped for curriculum selection as follows (the Groups are further indicated by numbers at the end of the course description):

Group 1 — Required Courses: 2601, 2901* or 3901 or 4901, 3001, 3400*, 4300, 4390**, 4644**, 4950
Group 2 — Introduction to Literary Study: 2002, 2004, 2006, 2008, 2098, 2205***
Group 3 — Periods: English Literature before 1660: 3800, 3801, 3802, 3803, 3804
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, 2602, 2603, 2692, 2693, 2705, 2850, 3005, 3205, 3405, 3504, 3600, 3601, 3604, 3606, 3903, 3970, 4275, 4750, 4752, 4760, 4762, 4763, 4764, 4775, 4850, 4905, 4906

*Required for Teacher Certification
**Required for Department Honors
***Required for all English majors

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 8.

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: ENG 0990 or Test of English as a Foreign Language (TOEFL) score of 550 minimum or certification at English Language Schools Level 9.

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 **Composition and Language. (3-0-3)** 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: ENG 1000 or proficiency in basic skills as determined by the English Department.

1002C. ENG **Composition and Literature. (3-0-3)** A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisite: ENG 1001C.

1091C. ENG **Composition and Language, Honors. (3-0-3) F.** 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 **Composition and Literature, Honors. (3-0-3) S.** A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisites: ENG 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.

2002. ENG **Understanding Poetry. (3-0-3) F.** A course in the understanding and enjoyment of poetry, with emphasis on reading and appreciation of many poems, chiefly shorter forms, selected from the full spectrum of poetry, old and new. Prerequisite: ENG 1002C. (Group 2)

2003. ENG **Creative Writing I: Fiction and Poetry. (3-0-3).** An introduction to the writing of poetry and fiction, with exercises in the technical aspects of both genres. Class time devoted to various principles of writing through workshop discussion. Prerequisite: ENG 1002C. (Group 6)

2004. ENG **Understanding the Drama. (3-0-3) S.** A course in the understanding and enjoyment of dramatic literature, with emphasis on reading and evaluation of selected great plays. Prerequisite: ENG 1002C. (Group 2)

2005. ENG **Creative Writing II: Drama (3-0-3) S.** This course gives students practice and instruction in writing short dramatic scenes for radio, theatre, TV, and film. It concentrates on elements common to all dramatic writing but also emphasizes the differing demands of the various media. Prerequisites: ENG 1002C and 2003. (Group 6)

2006. ENG **Understanding the Short Story. (3-0-3) F.** A course in the understanding and enjoyment of short fiction, with emphasis on reading and evaluating selected masterpieces of the nineteenth and twentieth centuries. Prerequisite: ENG 1002C. (Group 2)

2008. ENG **Understanding the Novel. (3-0-3) S.** A course in the understanding and enjoyment of the novel, with emphasis on reading and evaluating selected masterpieces of the 18th, 19th, and 20th centuries. Prerequisite: ENG 1002C. (Group 2)

2009C. ENG **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: ENG 1002C.

2010C. ENG **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: ENG 1002C.

2011C. ENG **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: ENG 1002C.

2090C. ENG **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: ENG 1002C or 1092C and admission to the University Honors Program.

2091C. ENG **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: ENG 1002C or 1092C and admission to the University Honors Program.

2098. ENG **Understanding the Novel, Honors. (3-0-3) On demand.** A course in the understanding and enjoyment of the novel, with emphasis on reading and evaluating selected works of the past three centuries. Prerequisites: ENG 1002C or 1092C and admission to the University Honors Program. (Group 2)

2099C. ENG **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: ENG 1002C or 1092C and admission to the University Honors Program.

2100C. ENG (PHI) 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: ENG 1002C.

2200C. ENG (PHI) 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: ENG 1002C.

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: ENG 1002C. (Group 2)

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, Sophocles, Plato, Virgil, Dante, Rabelais, Montaigne, Cervantes. Required of English majors, open to others. Prerequisite: ENG 1002C. (Group 1)

2602. ENG World Literature since the Renaissance. (3-0-3) S. Emphasis on generally recognized masters, such as Racine, Goethe, Voltaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Gide, Mann, Kafka, Camus. Prerequisite: ENG 1002C. (Group 6)

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: ENG 1002C. (Group 6)

2692. ENG World Literature since the Renaissance, Honors. (3-0-3) On demand. Emphasis on generally recognized masters, such as Racine, Goethe, Voltaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Gide, Mann, Kafka, Camus. Prerequisites: ENG 1002C or 1092C and admission to the University Honors Program. (Group 6)

2693. ENG Mythology, Honors. (3-0-3) On demand. A comparative study of the myths of various cultures, focusing on primary features of the deity (e.g., the Creator-God, Mother Earth, the Adversary or Trickster, the Sacrificed God), as well as the nature and task of the Hero. Prerequisites: ENG 1002C or 1092C and admission to the University Honors Program. (Group 6)

2705. ENG Black Literature. (3-0-3) F. The major writers of Black American literature, with emphasis on such authors as Toomer, Hughes, Brooks, Wright, Ellison, Baldwin, Hansberry, Jones. Prerequisite: ENG 1002C. (Group 6)

2850. ENG Post-Colonial Literatures in English. (3-0-3) F. Introduction to African, Indian and West Indian literatures in their sociocultural 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: ENG 1002C (Group 6)

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: ENG 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: ENG 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: ENG 1002C. (Group 6)

3009C. ENG 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: ENG 1002C.

3205. ENG History of Literary Criticism. (3-0-3) S. A study of the principal ideas, themes, problems in the history of literary criticism from Plato to the present. Prerequisite: ENG 1002C. (Group 6)

3099C. ENG 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: ENG 1002C or 1092C and admission to the University Honors Program.

3400. ENG Methods of Teaching English in the High School. (3-0-3) F, S. Problems of and materials and methods for teaching English in the high school. Includes 10 on-site hours and 20 laboratory hours of pre-student teaching clinical experience. Prerequisites: ENG 1002C, Educational Psychology 3325, and Secondary Education 3330. (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: ENG 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 Liberal Arts and Sciences. Prerequisite: ENG 1002C. (Group 6)

3600. ENG The Bible as Literature. (3-0-3) F, S. Types of literature in the Old and New Testaments. Prerequisite: ENG 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 Liberal Arts and Sciences. Prerequisite: ENG 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 Liberal Arts and Sciences. Prerequisite: ENG 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: ENG 1002C. (Group 6)

3700. ENG Colonial American Literature. (3-0-3) F. From the beginning through Brown, Irving, and Bryant. Prerequisite: ENG 1002C. (Group 5)

3701. ENG American Romanticism. (3-0-3) S. American literature from 1830 to 1863, with emphasis on such figures as Emerson, Thoreau, Whitman, Poe, Hawthorne, and Melville. Prerequisite: ENG 1002C. (Group 5)

3702. ENG American Realism. (3-0-3) F. American literature from 1865-1900, with emphasis on such figures as Twain, Dickinson, Howells, James, Crane, Norris, Dreiser. Prerequisite: ENG 1002C. (Group 5)

3703. ENG Twentieth-Century American Literature. (3-0-3) S. Representative works, with primary attention to such figures as Dreiser, Robinson, O'Neill, Frost, Eliot, Faulkner, Hemingway, Steinbeck, Stevens, Albee. Prerequisite: ENG 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: ENG 1002C. (Group 3)

3801. ENG **Chaucer. (3-0-3) S.** *Canterbury Tales* and other representative Medieval texts with an emphasis on Middle English. Prerequisite: English 1002C. (Group 3)

3802. ENG **Shakespeare. (3-0-3) S.** A study of representative comedies, histories, tragedies, romances. Prerequisite: ENG 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, Webster, Herbert, Marvell, Bacon, Browne. Prerequisite: ENG 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 figures as Wycherley, Rochester, Dryden, Swift, Pope, Fielding, Sterne, Johnson, Goldsmith, Cowper, Gray. Prerequisite: ENG 1002C. (Group 4)

3806. ENG **English Romantic Literature. (3-0-3) F.** Precursors of English Romanticism and such writers as Blake, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Hazlitt, Lamb. Prerequisite: ENG 1002C. (Group 4)

3807. ENG **Victorian Literature. (3-0-3) S.** Representative works, with primary attention to such writers as Carlyle, Tennyson, Browning, Arnold, Newman, Mill, Ruskin. Prerequisite: ENG 1002C. (Group 4)

3808. ENG **Twentieth Century British Literature. (3-0-3) S.** Representative works with primary attention to such figures as Conrad, Eliot, Joyce, Lawrence, Shaw, Yeats, Thomas. Prerequisite: ENG 1002C. (Group 4)

3901. ENG **Language and Linguistics. (3-0-3) S.** Astudy of kinds of language and linguistic approaches: phonological, syntactic, and semantic analysis; historical, geographic, and social variation; human and non-human language systems. Prerequisite: ENG 1002C. (Group 1)

3903. ENG **Women, Literature, and Language. (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 Liberal Arts and Sciences. Prerequisite: ENG 1002C. (Group 6)

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. Prerequisite: ENG 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: ENG 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 Department Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750. ENG **Studies in Black Literature. (3-0-3) S.** Study in depth of various genres, movements, periods, and major writers in black 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 Liberal Arts and Sciences. Prerequisite: ENG 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 Liberal Arts and Sciences. Prerequisite: ENG 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: ENG 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 Liberal Arts and Sciences. Prerequisites: ENG 1002C, 2003. (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 Liberal Arts and Sciences. Prerequisites: ENG 1002C, 2003. (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 Liberal Arts and Sciences. Prerequisites: ENG 1002C, 2003, 2005. (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 Liberal Arts and Sciences. Prerequisite: ENG 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 sociocultural and historical contexts. May be taken twice with permission of the Department chairperson and the Dean, College of Liberal Arts and Sciences. Prerequisite: ENG 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: ENG 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: ENG 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 Liberal Arts and Sciences. Prerequisite: ENG 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 Liberal Arts and Sciences. Prerequisites: ENG 1002C and 3400 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: ENG 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

3000. 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, life science, botany and/or zoology.

3010C. EVB **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 **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.

Courses Open to Juniors, Seniors, and Graduate Students

4750. EVB **Biometrics. (2-2-3) F, S.** Methods of quantitative analysis of biological data at the population level. Prerequisites: Eighteen semester hours in environmental biology, life science, 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.

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.**

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 and Computer and Operations Management 2810.

3730. FIN **Financial Markets. (3-0-3) F, S.** A study of the financial system, financial institutions, flow of funds, interest rates, and the regulatory framework of the financial system. Prerequisites: Accountancy 2100, Economics 2802, Finance 3710 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, 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 and junior standing.

3760. FIN **Issues in Depository Institution Management. (3-0-3) F, S.** A survey of issues in depository institution management and their application primarily through the use of case studies. Although commercial bank management is the focal point, issues in the management of competing institutions are presented also. Prerequisite: Finance 3750.

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 and junior standing.

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: Business Education 2510, Economics 2802, Finance 3710 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: Business Education 2510 or Computer and Operations Management 2175; Accountancy 2100, 2150; Economics 2801, 2802; and Finance 3710.

4110. FIN **Special Topics in Finance. (3-0-3) On demand.** Topics to be announced. May be repeated for different topics. Prerequisites: FIN 3710 and permission of department chair.

4200. FIN **Security Analysis and Portfolio Management. (3-0-3) F, S.** The study of the selection and management of financial assets within the context of modern portfolio theory. Prerequisites: Finance 3720 and 3730.

4275. FIN **Internship in Finance. (Arr-Arr.-3 or 6 or 9 or 12 or 15) (Credit/No Credit)** Employment 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.

4740. FIN **Independent Study. (Arr.-Arr.-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, 3730 and Economics 3860.

4830. FIN **Current Problems 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 3720 and 3730.

4850. FIN **Energy Finance and Incentives. (3-0-3) On demand.** A survey of literature and other materials pertinent to public and private financing of national and regional energy capabilities as well as consideration of alternative governmental policies and incentives involved. Prerequisite: Junior standing.

Fine Arts

Undergraduate Courses

2010C. FAR **Arts Omnibus. (2-2-3)** 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.

2012C. FAR **Nonwestern Fine Arts. (3-0-3) F, S.** Fine Arts from outside the European and North American traditions will be examined.

2091. FAR **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. Prerequisite: Admission to the University Honors Program.

2092. FAR **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. Prerequisite: Admission to the University Honors Program.

3001. FAR **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.

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.**

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. They may be applied to the humanities requirement. Eligibility for enrollment is as follows:

French, German, Spanish: FRE, GER, SPN

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 completing 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.

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. In the first week of classes, all students will be tested in the Elementary and Intermediate courses to ensure proper placement.

High School Units	
Less than 2 years	Elementary 1101C
2 years	Elementary 1102C
3 years	Intermediate 2201
4 years	Intermediate 2201 or 2202
more than 4 years	Courses above 3000

Note: A student with credit in one or more of the department's C/NC conversational courses may enroll in other departmental courses as indicated in the chart below. A student with such credit and high school experience in a given language may request permission from the department chairperson to enroll one step higher than indicated.

C/NC Credit Earned	Lowest regular course in which student may enroll
1001	1101C
1002	1102C

Advanced Competency Credit Policy
Advanced Competency Credit is credit toward graduation for previously acquired language proficiency.

Advanced Competency Credit 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 lower level language courses at another institution and received credit for these courses will not be eligible for Advanced Competency Credit.
3. Advanced Competency Credit will be granted as follows:
   A student beginning at the 1102C level and completing 7 semester hours of course work with a grade of C or better in each course will be granted 3 semester hours of advanced competency credit.

   A student beginning at the 2201 or 2202 level and completing 7 or 8 semester hours of course work with a grade of C or better in each course will be granted 6 semester hours of advanced competency credit.

   Independent study courses, courses taken credit/no credit, and courses for which proficiency 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

2500. FLG **Hispanic American Culture Through Study-Travel. (Arr.-Arr.-2).** 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. Prerequisites: Permission of the instructor.

3400. FLG **Methods of Teaching Foreign Language. (3-0-3) F.** Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and Secondary Education 3330.

3510. FLG **Cadet Teaching. (Arr.-Arr.-2)** Observation and supervised micro-teaching in one of the department's elementary C/NC courses. French and Spanish teaching majors and minors only. May be taken twice, once in French and once in Spanish. Prerequisite: Foreign Languages 3400 or taken concurrently with Foreign Languages 3400.

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 French, German, and Spanish courses outside the traditional classroom. No more than 4 semester hours may be counted toward the major or 3 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 3303 or German 3301 or Spanish 3000 or a score of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

Foreign Language — French

Undergraduate Courses

1001. FRE **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. FRE **Elementary French I. (3-0-3) F, S.** Emphasis on conversation, cultural readings, and grammar. Students with two years or more of high school French may not take this course for credit without permission from the department chairperson.

1102C. FRE **Elementary French II. (3-0-3) F, S.** Emphasis on conversation, cultural readings, and grammar. Prerequisite: French 1101C. Students with three years or more of high school French may not take this course for credit without permission from the department chairperson.

2201, 2202. FRE **Intermediate French. (4-0-4 each course) 2201-F; 2202-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. FRE **French for Business. (3-0-3) S.** 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: FRE 2202 or equivalent.

3300. FRE **French Phonetics. (3-0-3) S.** 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. FRE **French Conversation. (3-0-3) F.** Consolidation of grammatical and phonological principles through their application in oral expositions. Prerequisite: French 2202 or permission of the department chairperson.

3303. FRE **French Advanced Grammar. (3-0-3) S.** 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. FRE **French Civilization. (3-0-3) F.** A contrastive study of certain aspects of contemporary French and American culture. Prerequisite: French 2202 or permission of the department chairperson.

3305. FRE **French Literature I. (3-0-3) S.** Survey of French literature from the Middle Ages to the eighteenth century. Prerequisite: French 2202 or permission of the department chairperson.

3306. FRE **French Literature II. (3-0-3) S.** Survey of French literature from the eighteenth century to the present. Prerequisite: French 2202 or permission of the department chairperson.

3820. FRE **French Composition and Stylistics. (3-0-3) F.** A study of basic principles essential for effective formal and informal writing in French. Prerequisite: French 2202 or permission of the department chairperson.

4100. FRE **Topics in Francophone Cultures. 3-0-(Arr. 1-3) F.** Special topics in French and Francophone cultures not ordinarily treated in standard courses. Topic and outlines of course will vary. Prerequisites: Six credits beyond FRE 2202 or consent of department chairperson. Course may be taken twice with consent of department chairperson.

4200. FRE **Topics in Francophone Literatures. 3-0-(1-3) S.** Special topics in French and Francophone literatures not ordinarily treated in standard courses. Topic and outline of course will vary. Prerequisites: Six credits beyond FRE 2202 or consent of department chairperson. Course may be taken twice with consent of department chairperson.

4400. FRE **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 or instructor. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4401. FRE **French Novel I. (3-0-3) S.** Selected novels from Mme. de La Fayette to Balzac. Prerequisite: Three years of college French or permission of the department chairperson.

4402. FRE **French Novel II. (3-0-3) F.** Selected novels from Stendhal to the present. Prerequisite: Three years of college French or permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4760. FRE **French Drama. (3-0-3) F.** French drama from the fifteenth century to the present.

4770. FRE **French Poetry. (3-0-3) F.** Selected authors from Villon to the present.

Foreign Language — 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.

Undergraduate Courses

1001. GER **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. GER **Elementary German I. (3-0-3) F, S.** First semester of a two-semester course in which the four skills of speaking, listening, reading and writing Modern German are equally emphasized. Students with two years or more of high school German may not take this course for credit without permission from the department chairperson.

1102C. GER **Elementary German II. (3-0-3) F, S.** Second semester of a two-semester course in which the four skills of speaking, listening, reading and writing Modern German are equally emphasized. Prerequisite: German 1101C or equivalent. Students with three years or more of high school German may not take this course for credit without permission from the department chairperson.

2030. GER **Contemporary Culture in German Speaking Countries. (3-0-3) S.** 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. Prerequisite: None.

2201, 2202. GER **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 or four years of high school German or permission of the department chairperson.

3101. GER **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. GER **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.

3300. GER **German Culture and Civilization. (3-0-3) F.** Prerequisite German 2202 or permission of the department chairperson.

3303. GER **German Linguistics. (3-0-3) S.** 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.

3304. GER **German Lyrics and Ballads. (3-0-3) S.** Prerequisite: German 2202 or permission of the department chairperson.

3310. GER **Survey of German Literature I. (3-0-3) F.** Survey of German literature to 1700. Prerequisite: Three years of college German or permission of the department chairperson.

3311. GER **Survey of German Literature II. (3-0-3) S.** Survey of German literature from 1700 into the twentieth century. Prerequisite: Three years of college German or permission of the department chairperson.

3330. GER **German for Business. (3-0-3) F.** 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.

4400. GER **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 or instructor. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4402. GER **Topics of German Literature. (3-0-3) S.** 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. GER **Honors Independent Study. (Arr.-Arr.-3)** Intensive study and writing on topics in German language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisites: Permission of Director of the Honors Programs and Departmental Honors Coordinator.

4644. GER **Honors Thesis. (Arr.-Arr.-3)** Intensive research and preparation of a thesis on a topic in German language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Permission of Director of the Honors Programs and Departmental Honors Coordinator.

4666. GER **Honors Seminar. (3-0-3)** Reading, writing and discussion on selected topics in German language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisites: Permission of the Director of Honors Programs and Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750. GER **Introduction to German Stylistics. (3-0-3) S.** Elements of prose composition: form, content, style and meaning. Prerequisite: Three years of college German or permission of the department chairperson.

4760. GER **Goethe. (3-0-3). F.**

Foreign Language — Latin

Undergraduate Courses

1101C. LAT **Elementary Latin I. (3-0-3) F.** Fundamentals of Latin leading to an understanding of the structure of classical Latin and reading knowledge of simple texts. Special attention is given to the influence of Latin on English and to Roman civilization and culture during the time of the Roman Empire. Students with two years or more of high school Latin may not take this course for credit without permission from the department chairperson.

1102C. LAT **Elementary Latin II. (3-0-3) S.** Continuation of Latin 1101C. Further study of the structure of Latin to be accompanied by more advanced readings. Emphasis on Classical mythology. Prerequisite: Latin 1101C or two years of Latin in high school or consent of instructor. Students with three years or more of high school Latin may not take this course for credit without permission of department chairperson.

2201. LAT **Introductory Latin Reading. (4-0-4) F-odd-numbered years.** Intensive review of Latin grammar, readings from Ovid, Phaedrus, Caesar. Prerequisite: Latin 1102C or three years of high school Latin.

2202. LAT **Intermediate Latin. (4-0-4) S-even-numbered years.** 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.

Foreign Language — Russian

Undergraduate Courses

1101C. RUS **Elementary Russian I. (3-0-3) F.** Emphasis upon reading, speaking, and understanding Russian. Students with two years or more of high school Russian may not take this course for credit without permission from the department chairperson.

1102C. RUS **Elementary Russian II. (3-0-3) S.** Emphasis upon reading, speaking, and understanding Russian. Prerequisite: Russian 1101C or two years of Russian in high school. Students with three years or more of high school Russian may not take this course without permission of department chairperson.

Foreign Language — Spanish

Undergraduate Courses

1001. SPN **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. SPN **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. SPN **Elementary Spanish I. (3-0-3) F, S.** Emphasis upon conversation, grammar, reading, culture; extensive use of language laboratory. Students with two years or more of high school Spanish may not take this course for credit without permission of department chairperson.

1102C. SPN **Elementary Spanish II. (3-0-3) F, S.** Continuation of Spanish 1101C. Emphasis on conversation, grammar, reading, culture. Extensive use of language laboratory. Prerequisite: Spanish 1101C. Students with three years or more of high school Spanish may not take this course for credit without permission of department chairperson.

2201, 2202. SPN **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.

3000. SPN **Problems in Spanish Grammar. (3-0-3) F.** 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.

3100. SPN **Spanish Pronunciation and Conversation. (4-0-4) 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. SPN **Business Spanish. (3-0-3) 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.

3500. SPN **Hispanic Short Story. (3-0-3) S-even numbered years.**

3510. SPN **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. SPN **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.

4202. SPN **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.

4310. SPN **Civilization and Culture of Spain. (3-0-3) F.** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4320. SPN **Civilization and Culture of Spanish America. (3-0-3) S.** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4400. SPN **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 or instructor. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages.

4510. SPN **Survey of Early Spanish Literature. (3-0-3) F.** Survey of Spanish literature from the Twelfth to Seventeenth Century. Prerequisite: Spanish 3000 or permission of the department chairperson.

4520. SPN **Survey of Early Spanish American Literature. (3-0-3) S.** Survey of Spanish American literature from the Colonial period of 1886. Prerequisite: Spanish 3000 or permission of the department chairperson.

4640. SPN ***Don Quixote de la Mancha.* (4-0-4) F.** 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.

4650. SPN **Topics in Hispanic Literature. (3-0-3) F.** Prerequisite: Three years of college Spanish or permission of the department chairperson.

Freshman Seminar

1004. EIU **Freshman Seminar. (1-0-1) F, S.** 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

1100C. GEG **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 **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 **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 **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.

3200. GEG **Human Impact on the Environment. (3-0-3) S-odd-numbered years.** Emphasis on human impact 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. GEG **Soils (2-2-3) On demand.** Survey of basic topics in soil science. Chemical and physical processes in soils, soil biota and organic matter, soil classification and soil fertility. Applied laboratory experiences. Prerequisite: Chemistry 1410 or 1510. Cross listed as Earth Science 3300.

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.

3800. GEG **Introduction to Cartography. (1-4-3) F, 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) S.** 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.

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.

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.

Geology

Undergraduate Courses

1300C. GEL/ ESC **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 **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.

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.

2430. GEL **Historical Geology. (3-2-4) F, S.** Development of major structural segments of Earth's crust; fossil record of life; age relations among rock units. Field work. Prerequisite: Geology 1300C.

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 **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 EVB 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 **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 ESC 3010C, Environmental Physical Science.

3300C. GEL/ INT **Science and Technology: A Promise or a Threat? (2-0-2).** Understanding science and technology, their impact on the advancement of societies and their social and cultural consequences.

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.

3430. GEG **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 2430 and Mathematics 1310 or equivalent.

3460. GEL **Economic Mineral Deposits. (2-2-3) On demand.** Origin, geologic occurrence and utilization of metallic and nonmetallic mineral deposits. Field work. Prerequisites: Geology 1300C and Geology 2440.

3470. GEL **Seminar. (Arr.-Arr. 1-3) F, S.** Discussions, reports, and field work concerning selected geologic 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. Prerequisites: Geology 1300C, 2430.

3510. GEL **Principles of Sedimentation. (2-2-3) F.** Sources of sediments, mechanics of transportation, depositional controls, postdepositional changes; physical and chemical properties of sedimentary rocks, classifications; analytical laboratory techniques. Field work. Prerequisites: Geology 2430 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.

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. Prerequisites: Geology 1300C, 2430, 3430, or permission of the instructor.

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 3405(3450) and 3430, and Physics 1150 and 1160.

4400. 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.

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. Prerequisites: Geology 3405, Physics 1160 or permission of instructor.

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.

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 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 2430, 3405, and one year of Earth Science or introductory geology courses or permission of the department chairperson. Mineralogy, structural geology, and stratigraphy are strongly recommended.

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. Prerequisites: Geology 2440, Geology 3405, Physics 1160.

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. Prerequisite: Geology 2430.

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 2430 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

1120. HST **Basic CPR. (1-0-1)** Credit toward graduation not granted to students who have completed Health Studies 2320 or 3100.

1200. HST **Personal Health. (2-0-2)** A study of individual and social health issues through the application of health science theory and research.

2000C. HST **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.

2250. HST **Professions in School and Community Health. (1-0-1) 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)** Factors in the physical, biological, and social environments that influence the magnitude and character of health problems, goals, and solutions. Prerequisite: Health Studies 1200 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. (Fee)

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 1200, or 2000C, or permission of instructor.

3001. HST **Cardiopulmonary Resuscitation (CPR-BLS) Instructor. (3-Arr.-3). F, S.** Certification through the American Red Cross (ARC) as instructors in Community CPR and Basic Life Support (BLS) for the Professional Rescuer. Prerequisites: HST 1120 or HST 2320 or HST 3100 or current certification in community CPR, or permission of the instructor. (Fee)

3100. HST **Standard First Aid and Personal Safety Instruction. (3-Arr.-4) F, S.** Advanced First Aid and Emergency Care, Basic Cardiopulmonary Resuscitation, and Standard First Aid Multimedia. If course is satisfactorily completed, students will be certified by the American Red Cross and the American Heart Association as having completed these three courses and will also be certified as instructors in Standard First Aid and Personal Safety and Standard First Aid Multimedia. (Fee)

3196. HST **Public Health Statistics and Data Analysis. (3-0-3) 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 **Utilization of Microcomputers in the School Health and Community Health Fields. (3-0-3)** Designed to orient students to the various types of software and hardware being used in the health-related occupations. History, hardware selection, software selection specific to health, software evaluation, and health data management will be included in the course content. No minimum programming level requirements. This is not a programming course.

3200. HST **School Health. (3-0-3)** A survey of the school health program with emphasis on the responsibilities of school personnel. Prerequisite: Health Studies 1200 or equivalent.

3270. HST **Public Health Administration. (3-0-3)** Presentation of fundamental factors involved in the administration of public health programs; definition of local, state and federal programs and responsibilities as determined by health policy and legislation. Prerequisites: Health Studies 2270, Political Science 1103 or 2603.

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.** Preparation for high school driver education teachers. Includes simulation and work with beginning drivers. Prerequisite: Driver's license and safe driving record.

3320. HST **Advanced Driver Education and Traffic Safety. (3-0-3) 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) S.** 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 and Curriculum Development in Health. (3-0-3)** 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, or permission of instructor.

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) F, 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. Prerequisite: Health Studies 1200 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.

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.** 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, S.** 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) F.** The first-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.

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 Graduate School. **For graduate courses, see the Graduate Catalog.**

History

Undergraduate Courses

1000. HIS **Makers of the Modern World. (1-0-1) On demand.** An introduction to the study of history through biographies of major world figures.

1005. HIS **Great Events in American History. (1-0-1) On demand.** An introduction to the great events that shaped American history.

1100. HIS **World Civilization to 1500. (3-0-3) F, S.** The contributions of major civilizations from the beginning of recorded time to the dawn of the modern age.

1200. HIS **World Civilization Since 1500. (3-0-3) F, S.** The political, social, and cultural forces which have shaped modern world civilizations since the beginning of European expansion. Course does not count toward the history major or teacher certification minor.

1290. HIS **World Civilization Since 1500, Honors. (3-0-3) On demand.** A survey of those themes, events, institutions, and ideas that had a major impact on the history of the west, non-west, and third-world from 1500 to present. Prerequisite: Admission to the University Honors Program.

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 **Historical Foundations of Civilizations. (3-0-3) F, S.** The study of the development of world civilizations from the earliest peoples to modern global interdependence, with an emphasis on global themes and global interactions.

1590C. HIS **Historical Foundations of Civilizations, Honors. (3-0-3) On demand.** The 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.

1600C. (2000C) HIS **The U.S. Constitution and the Nation. (3-0-3)** A survey of the origin and development of the Constitution and its impact on the history of the United States.

1690C. (2093C) HIS **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.

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 **Afro-American History. (3-0-3) F.** A history of Afro-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. (3500) HIS **Research Techniques and Sources. (1-4-3) F, S.** Instruction in the collection, organization, and use of archival data.

3000. HIS **Europe from the Renaissance to Waterloo. (3-0-3) F, S.** A survey of major European developments between 1500 and 1815.

3005. HIS **Europe Since Napoleon. (3-0-3) F, S.** Survey of European history from the Congress of Vienna to the present.

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. (3430) HIS **History of England, 1066-1688. (3-0-3) F.** A survey of English History from the Normandy conquest to the Glorious Revolution.

3110. (3440) HIS **History of England and the British Empire, 1688-Present. (3-0-3) S.** A survey of English History from the Glorious Revolution to the present.

3200. (3530) 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. (3540) 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. (3550) 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.

3260. HIS **Latin American History. (3-0-3) On demand.** Survey of Latin American development with an emphasis upon events since independence.

3280. HIS **United States, Caribbean, and Central America. (3-0-3) On demand.** After a brief historical background, this course will focus upon those recent crises in Central America and the Caribbean perceived by the United States as challenges.

3300. (3600) 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. (3650) 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. (3710) HIS **French Revolution. (3-0-3) On demand.** A study of the French Revolution and the concept of the revolution in general.

3420. (3740) 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. (3800) 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.

3700C. HIS **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. (3065) 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. (3070) 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 **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. (3080) HIS **U.S. Diplomatic History. (3-0-3) On demand.** A survey of American diplomacy from the American Revolution to the present time.

3810. (3180) 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. (3903) HIS **Women in American History. (3-0-3) On demand.** The struggle of women for equal rights in the United States and the intellectual development of the feminist movement.

3910. (3240) HIS **History of American Sport. (3-0-3) S.** Development and impact of organized athletic endeavors in American society.

3920. (4002) 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. (4060) 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. (4110) 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: Permission of the Director of Honors Programs and 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: Permission of the Director of Honors Programs and 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. Prerequisites: Permission of the Director of Honors Programs and Departmental Honors Coordinator.

4666. HIS **Honors Seminar. (3-0-3).** Areas of investigation which require integration of History and research will be treated. Prerequisites: Permission of the Director of Honors Programs and 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 history or written consent of the 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 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 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 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 history or written 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 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 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 governmental institutions. Prerequisite: Three semester hours in history or written consent of the instructor.

4950. HIS **The Emergence of Industrial America. (3-0-3) On demand.** An intensive study of the transformation of the United States from a largely agrarian society to an urban and industrial power between the years 1870 and 1920. Prerequisite: Three semester hours in history or written consent of the instructor.

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 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 history or written consent 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.**

Home Economics

Undergraduate Courses

1120. HEC **Food Selection and Preparation. (2-2-3) F, S.** Food selection considerations and basic food preparation practices.

1800. HEC **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. HEC **Sociology of Clothing. (3-0-3) F.** Significance of sociological and psychological reasons for clothing selection; political and economic trends affecting clothing.

2232. HEC **Historic Costume and Fashion Analysis. (3-0-3) S.** A historic and current study of fashion; the production and distribution of fashion goods.

2233. HEC **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. HEC **Principles of Clothing Construction. (0-6-3) F, S.** A study of basic principles of clothing construction processes.

2244. HEC **Consumer Textile Products. (2-0-2) F, S.** A study of family clothing and common household textile products as they relate to the consumer.

2250. HEC **Residential and Commercial Equipment. (3-0-3) F, S.** Selection, construction, operation, and care of household equipment and their relation to the well-being of the family group.

2270. HEC **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. HEC **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. HEC **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. HEC **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. HEC **Women in Contemporary Society. (3-0-3) F, S.** An interdisciplinary study of the emergence of women as a viable force in contemporary society. May be used toward social studies general education requirement.

2850. HEC **Child Development. (3-0-3) F, S.** The physical, intellectual, social, and emotional development of the pre-school child.

3120. HEC **Food Science. (2-4-4) S.** Scientific principles underlying food preparation and processing; principles of experimental methodology as applied to food science. Prerequisites: Home Economics 1120 and either Chemistry (1300, 1315) or (1310 and 1315), or 1040C; Chemistry 3430 for the Dietetics option.

3140. HEC **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: Home Economics 1120 and Home Economics 2472C.

3151. HEC **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: Home Economics 2472C.

3233. HEC **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: Home Economics 2233 and Accounting 2100.

3235. HEC **Advanced Clothing Construction. (0-4-2) F, S.** Advanced clothing construction techniques and garment fitting. Prerequisite: Home Economics 2234, pass proficiency examination, or permission of the instructor.

3237. HEC **Tailoring. (0-6-3) F.** Fabric selection and techniques used in the tailoring of a suit or coat. Prerequisites: Home Economics 2234, 3235, or permission of the instructor.

3245. HEC **Textiles. (3-0-3) S.** An introduction to the study of fibers, methods of fabricating textiles, and finishes on the market. Prerequisite: Home Economics 2244.

3280. HEC **Interior Design and Home Furnishings. (3-0-3) S.** Study of the selection, construction, and arrangement of home furnishing at different life styles.

3300. HEC **Consumer Education. (3-0-3) F, S.** A study of factors affecting the buymanship of food, clothing, housing, transportation, credit, and insurance. Team taught with Business Education 3000.

3307. HEC **Home Management Theory. (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. HEC **Methods of Teaching Home Economics. (4-0-4) S.** The principles of teaching applied to home economics with particular emphasis on curriculum development. Prerequisites: Educational Psychology 3325 and Secondary Education 3330.

3750. HEC **Independent Study in Home Economics. (Arr.-Arr.-3)** Provides opportunity for in-depth study of home economics 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. HEC **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. Prerequisite: Permission of the instructor.

3796. HEC **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: Home Economics 1120, 2472C, 3790.

3800. HEC **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. HEC **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: Home Economics 2800 or permission of the instructor.

3853. HEC **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: Home Economics 2850 or Elementary Education 2320 or 2321 or Psychology 3515 or permission of the instructor.

3920. HEC **Communications in Home Economics. (2-0-2) S.** Techniques and skills in communicating home economics ideas, attitudes, and subject matter with individuals and groups.

3926. HEC **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: Home Economics 3920 and junior standing, or consent of the instructor.

4140. HEC **Institutional Food Management. (1-4-3) F, S.** Practice in quantity food production; menu planning; recipe standardization; and management of time, motion, and materials. Prerequisites: Home Economics 2472C and 1120.

4238. HEC **Principles of Pattern Design. (0-6-3) S.** Principles of designing clothing and the translation of these designs into an original pattern. Prerequisite: Home Economics 3235 or permission of the instructor.

4274. HEC **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. HEC **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: Home Economics 4274, junior standing, permission of the Chair of the School of Home Economics, and acceptance of the student by a business or agency.

4300. HEC **Consumer Issues. (2-0-2) F, S.** Current issues and problems confronting families in managing their resources with special emphasis on energy conservation.

4345. HEC **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: Home Economics 3796 and 4275; Marketing 3470, and senior standing.

4400. HEC **Directions in Home Economics. (2-0-2) F.** Philosophy, current issues and trends, and research in home economics. Prerequisite: Six hours of Home Economics.

4444. HEC **Honors Independent Study. (Arr.- Arr.-3)** Consideration of special topics in Home Economics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisites: Permission of the Director of Honors Programs and Departmental Honors Coordinator.

4555. HEC **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: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

4644. HEC **Honors Thesis. (Arr.-Arr.-3)** Intensive research in preparation of a thesis on a topic in Home Economics approved by faculty supervisor and the Departmental Honors Coordinator. Prerequisites: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Courses Open to Junior, Seniors, and Graduate Students

4750. HEC **Advanced Human Nutrition. (3-0-3) F.** Emphasis on biochemical function of essential nutrients in the study of human nutrition. Prerequisites: Chemistry (1300, 1315) or (1310, 1315) and Chemistry 1410, 1415, 3430, 3435, and 3450; Home Economics 2472C.

4751. HEC **Diet Therapy. (4-0-4) S.** 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: Home Economics 2472C and 4750, Chemistry (1300, 1315) or (1310, 1315) and Chemistry 1410, 1415, 3430, 3435, and 3450.

4753. HEC **Nutrition and the Addicted Person. (1-0-1) S.** Consideration of nutrition needs and eating problems of alcoholics and other substance abusers; nutrition management and treatment plans. Prerequisite: Home Economics 2472C.

4770. HEC **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: Home Economics 3300 or permission of the instructor.

4780. HEC **Living Environments. (3-0-3) S.** Living environments, planning living spaces for families considering environment, design, space, and materials in relation to family needs and resources. Prerequisites: Home Economics 2270 or permission of the instructor.

4790. HEC **Interior Design Practices. (3-0-3) F.** Creating interior spaces considering style, materials, presentation techniques, and the design process. Prerequisite: Home Economics 2270 or permission of the instructor.

4820. HEC **Death and Dying. (3-0-3) F, S.** Issues of death and dying and their implications for individuals and their families.

4840. HEC **The Disadvantaged Family. (3-0-3) S.** Low income and minority group families and their values, needs, problems, and practices. Prerequisite: Home Economics 2800 or permission of the instructor.

4845. HEC **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: Home Economics 2800 or permission of the instructor.

4846. HEC **Aging and the Family. (3-0-3) F.** Aging as a phase in the family developmental process and the consequent effect. Prerequisite: Home Economics 2800 or permission of the instructor.

4851. HEC **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 Home Economics Infant Development Laboratory.

4854. HEC **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. HEC **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. HEC **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: Home Economics 2800 and Health Studies 4800 or permission of the instructor.

4913. HEC **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. HEC **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. HEC **Food Service 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: Home Economics 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.**

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 3D 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.

1201. INT **Introduction to Desktop Publishing Technology. (0-2-1) F.** Introduction to a variety of computer packages related to creating graphic images. Techniques for producing quality typography and design using desktop publishing technology. Experience with scanning, text merging, graphics packages, laser printing and modem communication.

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 1160 or 1360 or permission of the instructor.

2200C. INT/ PHY **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.

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. Prerequisites: 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. Prerequisites: 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 **Science and Technology—A Promise or a Threat. (2-0-2).** Understanding science and technology, their impact on the advancement of societies and their social and cultural consequences.

3343. INT **Communication Preparation. (1-4-3) F, S.** Communication visualization and design, image assembly and paste-up, basic photography and photoconversion, raised surface and screen process printing. Prerequisite: Industrial Technology 1364.

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. Student will develop lesson plans and present lessons using the micro-teaching model. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; 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 1160 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 1360 or (Physics 1160 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.

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 1300 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 3113; 3053 or 3203.

4033. INT **Computer Assisted Graphic Communication. (1-4-3) S.** The use of computers in graphic communications, including: typesetting, image generation, pagination, programmable camera operation and micro computer communications. Prerequisite: Industrial Technology 3343 or 3353.

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. Prerequisites: 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.

4602. INT **Physical Metallurgy. (0-4-2) S.** Methods of altering, controlling and determining physical properties of metals. Prerequisite: Industrial Technology 1263.

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. Prerequisite: Industrial Technology 1263 and Mathematics 2110C or 1441C.

Courses Open to Juniors, Seniors, and Graduate Students

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 6 semester hours of coursework in Industrial Technology.

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 1300 or its equivalent, junior standing.

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.

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 Courses

1200. IST **Introduction to Library/Media Use. (2-0-2).** Methods and techniques to help students learn to use libraries and library materials effectively.

3300. IST **Selection of Materials for Children. (3-0-3)** Study of the literature available for children, selection criteria, and reading guidance techniques.

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.

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 **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 JOU 2001C and SPC 2001C.

2091C. JOU **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 JOU 2091C and SPC 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: 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: 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: 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: 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: 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: Journalism 3002 and junior standing or permission of the instructor. Credit will not be given for both Journalism 3302 and 3301.

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, home economics, 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.

3950. JOU **Special Topics. (3-0-3) 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 Liberal Arts and Sciences. 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 rights of journalists. In-depth studies of First Amendment theory, libel, privacy, free press and fair trial, access to information, confidentiality and copyright. Prerequisite: 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: 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.

4501. JOU **Advertising. (3-0-3) F.** Principles of advertising with special emphasis on newspaper design and sales. Prerequisite: Journalism 3301 or 3302 or permission of the instructor.

Courses Open to Juniors, Seniors, and Graduate Students

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: Journalism 3001.

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: 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.

4820. JOU **Fundamentals of Public Relations. (3-0-3) F, S.** Techniques of a positive public relations program, including the process, tools and application. Prerequisite: Journalism 3301 or 3302 or 3820 or permission of the instructor. Credit not granted for both Speech Communication 4820 and Journalism 4820.

4900. JOU **Journalism Seminar. (3-0-3) On demand.** In-depth study of various topics in journalism. Prerequisite: Journalism 3301 or 3302 or permission of instructor.

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 4820 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 School Education

Undergraduate Courses

2000. JHE 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, twelve clock hours of structured observation. Prerequisite: Concurrent enrollment with ELE 2320 is recommended, or permission of department chairperson.

3110. JHE Curriculum and Instruction in Middle-Level School. (3-1-3) F. 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 experience in classrooms at both middle and secondary levels. Prerequisites: Junior High School Education 2000 or Elementary Education 2000; and Elementary Education 2320. Prior or concurrent enrollment in Psychology 3521 is recommended.

3150. JHE Interdisciplinary Teaching in the Middle-Level School. (3-1-3) 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 both middle and secondary levels. Prerequisites: Junior High School Education 3110 and Psychology 3521, or permission of department chairperson.

4280. JHE Teaching Reading in the Secondary School. (3-1-3) F. Techniques for providing appropriate reading instruction in proper sequence for students in grades seven through twelve. Fifteen clock hours of clinical experiences are required. Prerequisite: Six semester hours in education and psychology.

4741. JHE Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

4760. JHE Social-Emotional Development in the Middle-Level Curriculum. (3-1-3) S. Instruction and planning in exploratory and teacher-based advisor-advisee programs, as well as classroom management strategies appropriate for middle-level school students. Fifteen clock hours of clinical experience in classrooms at both middle and secondary levels. Prerequisites: Junior High School Education 3110 and Psychology 3521, or permission of department chairperson.

4781. JHE 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: Junior High School Education 2000 or Elementary Education 2000; Elementary Education 2320; Junior High School Education 3110; or permission of department chairperson.

4782. JHE 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: Junior High School Education 2000 or Elementary Education 2000; Elementary Education 2320; Junior High School Education 3110; or permission of department chairperson.

4783. JHE 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: Junior High School Education 2000 or Elementary Education 2000; Elementary Education 2320; Junior High School Education 3110; 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.**

Latin American Studies

Undergraduate Courses

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. Fee required.

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. Fee required.

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 handicapped are provided.

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. Prerequisites: None.

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. Prerequisite: Leisure Studies 2250 or permission of the instructor.

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. Fee required.

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 6 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 sociorecreation 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. Fee required.

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. Laboratory fee required.

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. Fees. Prerequisite: Leisure Studies 2290.

3760. LST **Recreation in the Natural Environment. (1-2-2) F.** An analysis of existing programs in outdoor recreation. Consideration is given to various federal, state, and private agencies involved in the management and preservation of our natural and wilderness areas, and studies are conducted of federal and state regulations for these areas. Experiences in a variety of outdoor activities such as rappelling, cross-country skiing and sailing are also provided. Laboratory fee required.

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. Fee required. Prerequisite: Environmental Biology 2010 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 6 hours with permission of Department Chair. Prerequisites: 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 disabled individuals. 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: Permission of the Director of Honors Programs and 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. Prerequisites: Permission of Director of Honors Programs and 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: Permission of the Director of Honors Programs and the Departmental Honors Coordinator. May be taken twice.

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.** The course orients the students 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. Fee required.

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; for graduate credit, permission of instructor.

4880. LST **Research and Evaluation in Leisure Services. (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.

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.

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.**

Liberal Arts and Sciences

Undergraduate Courses

3001C. (2372C) LAS **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.

3103. LAS **Humanities. (3-0-3) Su.** Topics to be announced.

3203. LAS **Social Studies. (3-0-3) Su.** Topics to be announced.

3303. LAS **Mathematics-Science. (3-0-3) Su.** Topics to be announced.

3970. LAS **Study Abroad. (Arr.-Arr.-1-15)** See EIU 3970.

Life Science

Undergraduate Courses

1001C. LFS **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.

1010. LFS **General Biology. (3-3-4) F, S.** Introductory biology for students majoring in the biological sciences.

1091C. LFS **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.

3200. LFS **Genetics. (3-2-4) F, S.** The fundamental principles of genetics (classical, molecular, and population) stressing applications to all organisms. Prerequisite: Life Science 1010 (1001C acceptable).

3400. LFS **Methods of Teaching Biological Science 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.

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, commercial 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.

3560. MGT **Labor and Employment Law. (3-0-3)** A study of major federal legislation, National Labor Relations Board decisions and procedures, judicial decisions, affirmative action and equal opportunity, workers' compensation, and occupational safety and health. 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.

4275. MGT **Internship in Management. (Arr.-Arr.-3 or 6 or 9 or 12) (Credit/No Credit).** Employment 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.

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.

4340. MGT **Organization Theory. (3-0-3)** Study of organizations and their management from a macro perspective. Emphasis is on the systems approach to managing; internal and external environments; the organization as a part of a complex socioeconomic system; elements of organizational structure; strategic management in a global environment. 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, Business Education 2510 or Computer and Operations Management 2175, 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, Business Education 2510 or Computer and Operations Management 2175, 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 Management Relations. (3-0-3)** A study of industrial and labor relations theory, review of the legal environment, collective bargaining and contract negotiations, contract interpretation, administration, and the grievance process. Prerequisites: Management 3450 and Management 3560.

4500. MGT **Recruitment, Selection, and Development, (3-0-3) F, S.** A study of the personnel staffing function with an emphasis on recruitment, selection, training and development. An integrated approach to the administration of the personnel staffing function in various organizational settings. Prerequisites: Management 3450, Management 3560.

4550. MGT **Personnel Research and Performance Appraisal. (3-0-3) F, S.** A study of personnel research methods including measurement, scale properties, criterion development, and validation as they relate to the performance appraisal process. This course focuses on developing effective performance appraisal techniques and processes which satisfy multiple organizational objectives. Prerequisites: Computer and Operations Management 2810, Management 3450, 3560.

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

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 services for small business firms in east central Illinois. Prerequisite: Senior or graduate standing in the Lumpkin College of Business.

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. Prerequisites: Economics 2802 and 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 **Consumer 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.

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)** Employment experience in some phase of marketing for one semester, in a firm approved by the department chairperson. Prerequisite: Marketing 3470 and approval by the department chairperson.

4470. MAR **Sales Management and Personal Selling. (3-0-3) S.** The marketing management function of directing the policies and procedures of selling organizations is analyzed with the objective of maximizing the sales and profit opportunities of the particular organization involved. Sales planning and control are an integral part of the sales executive's responsibilities. Prerequisite: Marketing 3470.

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.

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.

Courses Open to Juniors, Seniors, and Graduate Students

4780. MAR **Advertising Management. (3-0-3) F.** Application of the management functions to advertising. Prerequisite: Marketing 3470.

4860. 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.

4875. 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.

4876. MAR **Product Development and Brand Management. (3) S.** A study of the process of product planning and development as related to venture management. Prerequisite: Marketing 3470.

4900. 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.

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 the 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.

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.

1150. MAT **Introductory Mathematics. (3-0-3)** A selection of topics designed to increase the student's understanding and appreciation of the role of mathematics in the modern world. This course should not be considered as preparatory for other courses in mathematics.

1160C. MAT **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. This course should not be considered as preparatory for other courses in mathematics.

1170C. MAT **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. This course should not be considered as preparatory for other courses in mathematics.

1180C. MAT **The 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. 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.

1300. MAT **College Algebra. (3-0-3) F, S.** Algebraic concepts needed for higher mathematics. Credit not granted for both Mathematics 1271 and 1300. (Recommended as preparation for Mathematics 1441C.) Prerequisite: Satisfactory Level II or Level III placement score.

1310. MAT **College Trigonometry. (2-0-2)** Basic concepts of right triangle trigonometry with applications. Corequisite of MAT 1271 or MAT 1300 or satisfactory Level II placement score. Not open to math majors or students who have completed or are enrolled in MAT 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: MAT 1310 or MAT 1330 or satisfactory score on trigonometry section of Level III placement test.

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 **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 1300 and 1330.

1491C. MAT **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 on the mathematics examination and admission to the University Honors Program.

2110C. MAT **Mathematical Analysis. (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 or 1300 with a C or better, or satisfactory Level II placement score.

2120C. MAT **Finite Mathematics. (3-0-3) F, S.** Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisite: Mathematics 1271 or 1300 with a grade of C or better, or satisfactory Level II placement score.

2170. MAT **Computer Programming-Pascal (2-2-3) F, S.** The application of the Pascal computer language to both numeric and non-numeric algorithms. Prerequisite: Credit for or concurrent enrollment in Mathematics 1441C or 2110C. Students may count only four hours from Mathematics 2310 and 2170.

2190C. MAT **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 or 1300 or satisfactory Level II placement score, and admission to the University Honors Program.

2250C. MAT **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: High school algebra and geometry, or Mathematics 1270, or satisfactory Level II placement score.

2290C. MAT **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: High school algebra and geometry, or Mathematics 1270, or satisfactory Level II placement score, and admission to the University Honors Program.

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: Three semester hours of college-level mathematics or concurrent enrollment in any mathematics course numbered 2000 or above. Students may count only four hours from Mathematics 2310 and 2170.

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 **Introductory Geometry. (3-0-3). F, S.** The study of the concepts and theory of geometry via the problem-solving approach, using both calculators and microcomputers throughout. Prerequisite: Mathematics 1420, or satisfactory score on the first introductory mathematics placement test (IMPT1).

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 **Computational Techniques. (2-2-3) S.** Computational models and problem solving, programming techniques. Prerequisite: Mathematics 2310 or 2170.

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.

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; 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 school, or special education curriculum. Prerequisite: Mathematics 2420C, or satisfactory score on IMPT1 and IMPT2, and concurrent or prior registration in Elementary Education 3000, or permission of the instructor.

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, 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 6 through 9. Restricted to students in the curriculum for elementary middle school, junior high, or special education teachers. Prerequisites: Mathematics 1420 and 2420C, or satisfactory score on both introductory mathematics placement tests (IMPT1 and IMPT2).

3670. MAT **Computers and Programming. (2-2-3) F, S.** Computer structure, data representation, instruction sets, semantics and syntax of assembly language programming, system macros, programmer macros, subroutines. Prerequisite: Mathematics 2310 or Computer and Operations Management 2300.

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 combinatorics. Prerequisites: 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 twelve 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.

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 6 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. Prerequisite: 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. (3-0-3) On demand.** Topics from mathematics useful in the elementary and/or junior high school including algebra, geometry, problem solving, computer applications, etc. This course may be repeated for credit. A maximum of 9 s.h. credit may be counted toward a degree program. Prerequisite: Permission of the instructor.

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. Prerequisite: Mathematics 3530, and C or better in Mathematics 2443.

4870. MAT **Data Structures. (3-0-3) F.** Stacks, queues, linked lists, recursive programming, trees, graphs, sorting, searching, theory of database systems. Programs done in assembler and Pascal. Prerequisite: Mathematics 3670 or 2670.

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 geometries, constructions and the classic impossibilities, tessellations, polyhedra, transformational geometry, symmetry and similarity. Prerequisites: Mathematics 1340 and 2420C. Not open to mathematics majors.

4970. MAT **Operating Systems and Job Control Languages. (3-0-3) S.** System structure, memory management, processor management, evaluation procedures, security. Detailed study of IBM OS/VS JCL will be given. Prerequisite: Mathematics 3670.

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, S.** 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) F, S.** A survey of laboratory methods used in the modern clinical laboratory. Limited enrollment. Prerequisite: Open to junior-standing medical technology students only. Permission of the chairperson of the Medical Technology Program is required.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

4020. MDT **Clinical Hemostasis. (1 to 2).** Study of the platelet, vascular, coagulation, and fibrinolytic systems related to disease states and therapeutic monitoring. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

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. Prerequisite: Admission to the Medical Technology program.

Military Science

Undergraduate Courses

1001. MSC **Introduction to Military Science, U.S. Defense Establishment. (1-1-1) F, S.** An introduction and familiarization to: ROTC, its purpose and organization; the National Security Structure; the Department of the Army; the codes, roles, and professional development of commissioned officers; and military traditions, courtesies, and customs of the service. Field training may be required.

1002. MSC **Introduction to Tactics. (1-1-1) F, S.** Fundamentals of Tactics and their application to the employment of squad and platoon-sized units in offensive and defensive military operations. Field training may be required. Prerequisite: Permission of the instructor.

2003. MSC **ROTC Basic Camp. (Arr.-Arr-1 to 6) Su.** Six weeks of training at Ft. Knox, Kentucky. Travel pay and salary stipend. No military service obligation. Graduates eligible to enter Advanced Military Science courses. Amount of credit dependent on previously earned Military Science Basic course credits. Concentrated training in substitution for first two years of Basic Military Science classes. Students who have successfully completed U.S. Army Basic Training may be given credit in lieu of ROTC Basic Camp. Prerequisites: Application and permission of instructor.

2100. MSC **Small Unit Tactics. (2-1-2) F, S.** The principles and dynamics of the small military unit, with emphasis on the planning and execution of military missions. Additional emphasis will be placed on Soviet Union military tactics and equipment; principles of war; and combat orders. Prerequisite: Permission of the instructor.

2200. MSC **Military Staff Functions. (2-1-2). F, S.** Principles and concepts of military staff functions. The military staff will be introduced, defined, and examined vis-a-vis military operations. The development of a cohesive staff team will be discussed. Prerequisite: Permission of the instructor.

3001. MSC **Principles of Military Leadership. (2-2-3) F.** A study of military professionalism and ethics, principles of leadership, the responsibilities and techniques of military leaders, a comparison of U.S. and Soviet military leadership styles and the problems of leadership in the military environment. Prerequisites: ROTC Advanced Course standing or permission of the instructor.

3002. MSC **Introductory Military Operations (Fundamentals and Dynamics of the Military Team). (3-2-4) S.** Application of the principles of offensive and defensive combat as it relates to small tactical units; primarily platoon level or lower. Stresses patrolling operations and demonstration of leadership traits taught during 3001. Field training is required. Prerequisite: ROTC advanced course standing or permission of the instructor.

3003. MSC **ROTC Advanced Camp. (Arr.-Arr.-6) Su.** Six weeks of training at Fort Lewis, Washington. Travel pay and salary stipend. Required for Commission as Army Officer. Instruction and practical application of leadership skills in a field training environment, demonstration and evaluation of leadership capabilities, problem analysis, decision making and troop leading skills. Prerequisites: Military Science 3001 and 3002.

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: Military Science 3001 and 3002 or permission of the instructor.

4004. MSC **Leadership Assessment. (2-2-3) S.** Study and application of the Army's Leadership Assessment program which includes communications skills, organizational structures, human relations, power and influence, and management in military organizations. Study of skills necessary to officers entering their first military assignment. Prerequisites: Military Science 3001 and 3002 or 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.

Music

(For information about auditions, applied study, recitals, etc., see pages 88-89.)

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.

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)
Prerequisite: Permission of instructor.

Music Ensembles

Membership in music ensembles is open to all students, with selection generally made on the basis of auditions. Audition times are posted in the Department office prior to each semester. Courses in ensemble taken by music majors, minors and those electing concentrations beyond four semesters may be counted for upper division credit. Instruments are available without charge for students wishing to participate in instrumental ensembles. In addition to the **Oratorio Chorus,** the nucleus of which is formed at certain times by the Concert Choir and Mixed Chorus for the study and performance of cantatas, oratorios, Masses, and other major choral works; and the **Pep Bands,** whose personnel are selected from the Symphonic Winds and Concert Band to perform at basketball games, are the various ensembles listed in the specific course descriptions 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 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. Upperclassmen 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 9 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.

0541. MUS **Introduction to Music Theory. (2-0-2) F. (Credit/No Credit: Does not count toward graduation.)** Basic skills and concepts required for the study of music theory and literature at the college level.

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, 1542. MUS **Music Theory and Literature. (3-0-3 each course) F, S.** The study of the fundamentals of music and melodic, harmonic and rhythmic materials and how they relate to musical structure of binary, ternary, rondo, and fugue forms; a study of selected examples from music literature is included. Must be taken in sequence.

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.

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.

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. Prerequisite: 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 the 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. (2-0-2) F.** A continuation of the study of musical materials and how they relate to musical structure. Prerequisite: Music 1542.

2542. MUS **Music Theory. (3-0-3) S.** The study of 20th century materials and how they relate to musical structure. 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 **Experiencing Music 1, 2, 3. (3-0-3)** Music appreciation for the general student — listening and responding to music in its cultural context. 1: Experiencing Music with Live, In-class Encounters; 2: Experiencing Music with the Music of African Americans; 3: Experiencing Music with Jazz and Rock Music. Open to Music majors for elective credit only. (This course replaces MUS 2552, MUS 2561, and MUS 2554.)

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.

3310. Voice. (Ar.-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)
Prerequisite: Permission of instructor.

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 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. 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. 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. 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 **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. (This course replaces MUS 2553, MUS 2563 and MUS 2564.)

3562C. (2562C) MUS **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.

3593C. MUS **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. Prerequisite: 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. Prerequisites: Music 1542 and 1544 or permission of the instructor.

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 twenty-five minute lecture-recital presentation on a topic related to keyboard pedagogy. Prerequisites: Satisfactory completion of 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 Procedure. (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 **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.

1900. PHI **Logic. (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.

2000. PHI **History of Philosophy: Ancient. (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 **History of Philosophy: Ancient, 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.

2100C. PHI (ENG) 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.

2200C. PHI (ENG) 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.

2500C. PHI 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.

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.

3020. PHI Ethics (3-0-3) S. Analysis and evaluation of principal theories and 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.

3060. PHI Philosophical Ideas in Literature. (3-0-3) F-odd-numbered years. A study of literature and philosophy as interpretations of reality from a temporal, structural, and linguistic viewpoint.

3070. 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 as Husserl, Heidegger, Sartre, Jaspers and Merleau-Ponty. Prerequisite: Three semester hours in philosophy other than Philosophy 1900, or permission of the instructor.

3100. PHI Symbolic Logic. (3-0-3) S-odd-numbered years. An introduction to methods for analyzing and evaluating deductive arguments, using an artificial language to focus attention on the formal structure of propositions and arguments.

3220. PHI History of Philosophy: Medieval. (3-0-3) S-odd-numbered years. An examination of the principal philosophers from Epicurus through St. Thomas Aquinas.

3260. PHI History of Philosophy: Modern. (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 History of 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.

3300. 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.

3600. 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.

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.

3810. 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.

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. Prerequisites: Three semester hours in Philosophy other than Philosophy 1900 or permission of the instructor.

3900. 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.

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.

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.

Physical Education

Non-physical education majors may elect four semester hours of physical education service course credit toward graduation. Physical education majors and minors and recreation administration majors may have six semester hours of credit in physical education service courses. Physical education and recreation administration majors do not have the Credit/No Credit option for one-semester-hour activity courses.

Service Courses

+0020. PED Baseball (Intercollegiate Team Participation). (0-10-1) S.

***0030. PED Basketball (Intercollegiate Team Participation). (0-10-1) F, S.**

+0050. PED Soccer (Intercollegiate Team Participation). (0-10-1) F.

+0060. PED Volleyball (Intercollegiate Team Participation). (0-10-1) F.

+0090. PED Football (Intercollegiate Team Participation). (0-10-1) F.

+0100. PED Softball (Intercollegiate Team Participation). (0-10-1) S.

***0120. PED Golf (Intercollegiate Team Participation). (0-10-1) F, S.**

***0140. PED Tennis (Intercollegiate Team Participation). (0-10-1) F, S.**

***0150. PED Wrestling (Intercollegiate Team Participation). (0-10-1) F, S.**

***0160. PED Cross Country and Track (Intercollegiate Team Participation). (0-10-1) F, S.**

***0180. PED Swimming (Intercollegiate Team Participation). (0-10-1) F, S.**

+1000. PED 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.

Note: Any repeats of the courses (* and +) would not count in meeting the minimum 120 semester hours for graduation. Majors outside the College of Health, Physical Education and Recreation may count no more than four physical education service courses toward the 120-hour requirement.

*May repeat, with credit, for a maximum of eight times.
+May repeat, with credit, for a maximum of four times.

1400. PED Swimming (Beginning). (0-2-1) For beginning swimmers only. Persons able to swim 45 feet should enroll in Physical Education 1410.

1410. PED Swimming (Intermediate). (0-2-1) F, S.

1440. PED Lifeguarding. (0-2-1) S. Upon satisfactory completion of the course, students will be certified by the American Red Cross. Prerequisites: Health Studies 1120 or 3001, Physical Education 1420, Health Studies 2320 or 3100 or equivalent. Must also pass a preliminary swimming skills test.

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. Prerequisite: 17 years old and Physical Education 1440 or proof of having taken ARC Lifeguard Training.

1480. PED Canoeing. (0-2-1) F. Prerequisite: Demonstrate level of swimming ability by passing a pre-test.

1600. PED Weight Training. (0-2-1)

1610. PED Archery. (0-2-1) F.

1640. PED Rifle and Pistol. (0-2-1) F, S. Fee.

1650. PED Trap and Skeet. (0-2-1) F. Fee.

1660. PED Bowling. (0-2-1) Fee.

1670. PED Golf. (0-2-1)

1680. PED Stunts and Tumbling. (0-2-1) F.

1681. PED Gymnastics Apparatus. (0-2-1) S.

1691. PED Jogging. (0-2-1) F, S.

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.

1720. PED Basketball. (0-2-1) F, S.

1740. PED Soccer. (0-2-1) F.

1750. PED Softball. (0-2-1) F.

1770. PED Volleyball. (0-2-1) F.

1810. PED Badminton. (0-2-1) F, S.

1830. PED Racquetball. (0-2-1)

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)

1900. PED Folk Dance. (0-2-1) F.

1920. PED Ballroom Dance. (0-2-1) F, S.

1930. PED Square Dance. (0-2-1) F, S.

1940. PED Jazz Dance. (0-2-1) F, S. Fundamentals of jazz dance techniques.

1950. PED Tap Dance. (0-2-1) F. A course designed to introduce students to the fundamentals of tap dance techniques.

Non-Credit Intercollegiate Sports

0750. PED Fall Softball. (5-0-0) F.

0830. PED Fall Baseball. (5-0-0) F.

0990. PED 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 Games of Low Organization. (0-4-2) F, S.** Introduction to individual, 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. (2-0-2) 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. (2-0-2) 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. (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 certification to teach upon completion of course requirements. Prerequisite: Student must pass preliminary swim skill test.

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.

2240. PED **Theory and Composition of Modern Dance. (0-4-2) F, S.** Explores and applies the elements of time, space, and energy release to compositional form. Prerequisite: Physical Education 2230. 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/Speedball, 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 **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 **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 **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. May be used as partial fulfillment of the fine arts and humanities requirements.

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. (2-0-2) 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.

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 Supervision of Physical Education. (3-0-3)** This course is designed to orient students to 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. Prerequisites: Physical Education 2440 and 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 2440, 4340, Zoology 2000C.

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 2440, 4340, Zoology 2000C.

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

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 3 undergraduate and/or 3 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 Courses

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. ASEP students satisfy prerequisites with Secondary Education 3000.

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, 1360, and 1370 constitute the standard introductory sequence in physics for majors and minors in chemistry, physics, and pre-engineering. Physics 1150 and 1160 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 **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 **Physics of the Modern World. (3-0-3).** An introduction to some of the revolutionary ideas of modern physics and how their applications have shaped our modern technological society.

1054C. PHY **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 1300.

1160. PHY **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 1160 and 1360. Prerequisites: Physics 1150 and Mathematics 1300.

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.

1360. PHY **General Physics II. (3-3-4) F, S.** Thermodynamics, electricity and magnetism. The second of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Corequisite: Mathematics 2442. Prerequisite: Physics 1350. Credit not given for both Physics 1360 and 1160.

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 1360.

2200C. PHY/ INT **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.

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 a 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 fundamentals of transistor electronics. Emphasis on scientific applications. Prerequisites: Physics 1160 or 1360, Mathematics 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. Prerequisites: Physics 1360, 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.** 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.** Advanced magnetism, magnetic materials, magnetic energy, varying electric currents, AC circuits, Maxwell's equations, electromagnetic radiation. Prerequisite: Physics 3410.

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.

4470. PHY **Optics. (3-3-4) S-even-numbered years.** Geometrical optics, optical instruments, wave optics: superposition, coherence, interference, diffraction, polarization. Prerequisite: Physics 1370.

4710. PHY **Experimental Physics I. (0-4-1) F.** Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Corequisite: Physics 3150.

4711. PHY **Experimental Physics II. (0-4-1) S.** Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Prerequisites: Physics 3150, Mathematics 1441C.

4712. PHY **Experimental Physics III. (0-4-1) F.** Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Prerequisites: Physics 3150, Mathematics 1441C.

4713. PHY **Experimental Physics IV. (0-4-1) S.** Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Prerequisites: Physics 3150, Mathematics 1441C.

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 1360, 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.** 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.** 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.

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.**

Political Science

Undergraduate Courses

1003. PLS **Introduction to Politics. (3-0-3)** A national and world survey of political conflict, theories of democracy and socialism, and political, social and economic aspects of 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)** 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 **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 **American Government and Constitution, Honors. (3-0-3). On demand.** 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. 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.

2011. PLS **Constitutional Principles. (1-0-1) F, S. (Credit/No Credit).** A study of the Declaration of Independence, the proper use and display of the flag, and the constitutions of the United States and the State of Illinois. Not open to Political Science majors.

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 nonmajors 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.

2253C. PLS **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 **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.

2511. PLS **Mock Trial. (0-2-1) 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 two credits.

2603. PLS **State and Local Government. (3-0-3)** The structure, leadership, functions, and policies of state, county, and city governments; an analysis of the Illinois State constitution.

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) S.** The legal authority, structure, leadership and functions of state, county and city governments; an analysis of the Illinois State constitution. 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 **Government and Politics of the U.S.S.R. and Eastern Europe. (3-0-3) S.** Marxist-Leninist police states, Gorbachev and glasnost, the democratic transitions, and national 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. Prerequisite: 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, S.** 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.

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 analysis of the role and techniques of labor, business, agrarian, ethnic and other groups in the political process. Prerequisite: Political Science 1153C or permission of the instructor.

3743. PLS **The Legislative Process. (3-0-3) S.** An examination of the institutional structures and functions of legislative bodies at the national, state and local levels. Prerequisite: Political Science 1153C or permission of the instructor.

3753. PLS **The American Presidency. (3-0-3) S-even-numbered years.** An analysis of the development of the American Presidency, including the various roles and powers of the President and a comparison of those roles and powers with those of the modern governor. Prerequisite: Three semester hours in Political Science or permission of the instructor.

3903. PLS **Public Policy and the Sexes. (3-0-3) S.** 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. Prerequisite: 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. (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: Permission of the Director of Honors Programs and 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: Permission of the Director of Honors Programs and 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. Prerequisites: Permission of Director of Honors Programs and Departmental Honors Coordinator.

Courses Open to Junior, 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.** A study of the dynamics of organization origin and policy development; a survey of contemporary theory and its significance. Prerequisite: Political Science 1153C or permission of the instructor.

4821, 4822, 4823. PLS **International Policy Issues. (3-0-1 each course) 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. (Courses offered consecutively: 4821 for five weeks, 4822 for five weeks, and 4823 for five weeks. Students may register for any one, two, or all three of the courses in the same semester.) Prerequisite: Nine semester hours in the social sciences or permission of the instructor.

4831, 4832, 4833. PLS **Policy Practicum. (3-0-1 each course) S-odd-numbered years.** 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 Political Science 4831, 4832, 4833 and Economics 4831, 4382, 4833.

4843. PLS **Analysis of Urban Politics. (3-0-3) F-odd-numbered years.** A study of the empirical research dealing with urban government and the structural components of urban politics.

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.

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) F.** 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.** Contemporary concepts in political thought with an emphasis upon the development of communist, fascist, social democratic and new left 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

2000. PSY **Introduction to Psychology. (3-0-3)** An introduction to and overview of the basic methods and principles of psychology.

2330. PSY **Introduction to Helping. (3-0-3)** Familiarization with therapeutic techniques and the ethics of helping by focusing on self-help. Practice applying selected methods for self-improvement, progress on self-help projects discussed in small groups. A review of the effectiveness of various methods. Prerequisite: Psychology 2000.

2390. PSY **Introduction to Psychology, Honors. (3-0-3) F.** An Introduction to and overview of the basic methods and principles of psychology. Prerequisites: permission of the instructor and admission to the University Honors Program.

2610. PSY **Statistical Methods of Psychology. (3-2-4)** Application of statistical methods to behavioral data. Not open to students who have taken or are enrolled in Mathematics 3701 or 3702. Prerequisites: Psychology 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. Prereq-uisites: Psychology 2000, academic standing as a sopho-more 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 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 2000.

3260. PSY **Introduction to Group Dynamics.(1-2-2) F, S.** Introduction to group dynamics and therapeutic group procedures. Labora-tory 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 2000 and approval of instructor prior to registration.

3310. PSY **Physiological Psychology. (3-0-3) F.** A survey of the physiolog-ical correlates of the behavior in humans and lower organ-isms. Prerequisite: Psychology 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 learn-ing modules from several simulated teaching experiences prepare each student to teach an entire psychology course. Prerequisites: Educational Psychology 3325, and Secondary Education 3330; Psychology 2000 plus twelve 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 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, cogni-tive and social factors affecting identity, roles, and occupa-tional selection. Prerequisite: Psychology 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 percep-tion, motivation and emotion. Emphasis will be given to developmental changes following adolescence to death. Prerequisite: Psychology 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, environ-mental, and technological issues are considered. Prerequi-site: Psychology 2000 or permission of the instructor.

3550. PSY **Psychology of Adjustment. (2-0-2)** A review of personality development and how persons adjust to life's stages and stresses. The emphasis is on learning to cope with feelings and interpersonal concerns, and on personal growth. Does not count toward Psychology major or minor.

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 princi-ples, assessment, research and techniques used in the treat-ment process. Prerequisite: Psychology 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 2000, 2610.

3620. PSY **Psychology of Learning. (3-0-3) S.** Introduction to basic prin-ciples and concepts of learning with particular emphasis on the application to problems of human learning. Prerequi-site: Psychology 2000.

3680. PSY **Sensation and Perception. (3-0-3) S.** Survey and study of the basic principles of sensation and perception relative to per-son's interaction with the environment. Applied significant and life span trends are considered. Prerequisite: Psychol-ogy 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. Prerequi-site: Psychology 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 2000.

3765. PSY **Methods in Behavioral Management. (3-0-3)** The basic con-cepts of human operant conditioning. Emphasizes applied research and techniques of behavior management applicable to a wide variety of settings and problems. Prerequisite: Psychology 2000.

3780. PSY **Abnormal Behavior. (3-0-3)** A study of the etiology, diagnosis, and treatment of neuroses, psychoses and various emo-tional and behavioral disorders. Prerequisite: Psychology 2000.

3805. PSY **Research Methods and Experimental Design. (2-4-4)** Examina-tion of research methodology in psychology, including observational, experimental, and survey techniques. Pro-vides opportunity to design research, analyze data, and write scientific reports. Prerequisites: Psychology 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 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 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 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: Fifteen 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.

4274. PSY **Orientation to Internship. (1-0-1) (Credit/No Credit) F, S.** An introduction to the internship experience, professional behavior and ethics, and human service delivery systems. Prerequisites: Psychology major, Psychology 2330, 3250, 4780, 4850, or permission of the instructor.

4275. PSY **Internship. (Arr.-Arr.-1 to 15) (Credit/No Credit) F, S.** Supervised practicum and field experience designed to familiarize and train students in applied settings. Prerequisites: Psychology major, Psychology 2330, 3250, 4780, 4850, or permission of the instructor.

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 2000 and 3515.

4590. PSY **Psychology Seminar. (3-0-3) 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.

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. Prerequisites: Permission of Director of Honors Programs and Department Honors Coordinator.

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: Permission of the Director of Honors Programs and Department 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 2000 or Sociology 2710.

Courses Open to Juniors, Seniors, and Graduate Students

4880. PSY **Advanced Statistics in Psychology. (3-0-3) S.** Analysis of variance techniques in experimental design. Prerequisite: Psychology 2610 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.**

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.

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.

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 3000 or ASEP Director's permission.

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.

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.

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 graduate students. **For graduate courses, see the Graduate Catalog.**

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.

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.

4004C. EIU **The Mid-East—Religions, Resources, and Politics. (2-0-2)** The development of an understanding of the principles of the religion of Islam and its direct influence on the political structure and stability of the Middle East, an area of ultimate importance to the technically developed world. Majors in Sociology 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 View of Mankind in Contemporary Society. (2-0-2)** An investigation into the historical development and the current validity of the Romantic view of mankind. Questions as to the criminal as a victim of society, children as models of "natural" spontaneity, and the influence of society on the "good" and "evil" nature of the human being will be examined in contemporary literature. 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 Home Economics 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.

4020C. EIU **East-West Relations in the Twentieth Century. (2-0-2)** An examination of the current state of East-West relations and discussion as to their history and evolution. Considerations will include geographic, political, and economic policies and characteristics of the dominant blocs in today's world. Majors in History 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 College of Business 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.

4026C. EIU **Art in Social Context. (2-0-2)** An examination through art history of the numerous ways in which the visual media can influence the public's perception of men and women in power or pursuing positions of power. Majors in Art, Music, and Theatre Arts 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.

4028C. EIU **Information Literacy. (2-0-2)** An exploration of the fabric of information, the common commodity of an information-based society; how it is created, accessed, evaluated, and used. Moral, legal, and economic issues will be discussed. No students are excluded.

4029C. EIU **Images of Business in Literature and Film. (2-0-2)** This course is designed to focus on images of modern work, the "organization person," and the influence of business organizations on the individual and on contemporary society as presented in film and literature. Majors in English and Speech Communication 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.

4032C. EIU **Civil War—Stonewall Jackson's Valley Campaign, Honors. (4-0-4)** A study of Jackson's Valley Campaign in Virginia through reading, discussion and field trip to the area involved. Students will consider the politics, military strategy, equipment, geography, transportation systems, then-current technology, troop discipline, and Presidential objectives involved. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs. Majors in History 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.

4035C. EIU **Development of the Modern World, Honors. (4-0-4)** The course will trace the development of the modern world view since the Middle Ages with emphasis on the relationship between the major events of each period and the dominant ideas. To enroll, students must be admitted to the University Honors Program and have the permission of the Director.

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.

4038C. EIU **American College Students and the Campus Scene: Profiles and Prospects. (2-0-2)** An examination of the lifestyles, attitudes, and values of contemporary college students. The psycho-social and intellectual development of undergraduates is discussed. The Campus Dissent Era is reviewed, and prospects for renewed campus activism are considered. 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.

4040C. EIU Society and Chemical Science: Acid Rain, Honors. (4-0-4) This course will examine the interaction between science and society using the currently fashionable set of problems collectively known as "acid rain" as a vehicle. The nature and limitations of scientific knowledge will be illustrated and compared with other sources of information. Prerequisites: Admission to the University Honors Program and permission of the Director of the Honors Programs. Majors in Chemistry are excluded.

4041C. EIU Civil War—The Atlanta Campaign from Chattanooga to Ezra Church, Honors. (4-0-4) Su. A seminar-discussion course built around classroom experiences as well as a field trip to Atlanta and return, via river transport, if possible. The students will gain insight into contemporary scholarship regarding the Civil War and its relationship to current conflicts. Prerequisites: Admission to the University Honors Program, and permission of the Director of Honors Programs. Majors in History are excluded.

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.

4044C. EIU American Education: The Immigrant Dream and the Reality. (2-0-2) On demand. This seminar will focus on the efforts of the dominant culture in American society to use formal education and the public schools as a socializing instrument to impose values, beliefs, and behaviors on members of immigrant ethnic and racial groups and on the responses of those groups to Americanization. Majors in Education are excluded.

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.

4050C. EIU Computer Ethics. (2-0-2) On demand. The course will investigate current ethical issues involving computers. While it is not a "computer course," students will make frequent use of postings on the electronic bulletin board of the ECN mainframe computer to research and discuss ethical issues. Prerequisites: 75 semester hours and previous experience with computers.

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 Home Economics 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, the completion of 75 semester hours, and the permission of the Director of Honors Programs.

4053C. EIU Political Revolutions. (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.

Social Science

Undergraduate Courses

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.

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 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 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 prescientific 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.

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 15) (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 15 hours including courses taken in any other internship offered by the University. Prerequisites: permission of the department chairperson, acceptance of the student by the agency or organization involved, and a grade point average of 2.25 in the major.

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, consent of supervising faculty member, and permission of the department chairperson.

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.

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.

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.

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.

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.

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. Prerequisites: Junior standing; enrolled in or employed in special education and/or vocational education programs.

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: Permission of the Director of Honors Programs and the Department 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. Prerequisites: Permission of the Director of Honors Programs and 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: Permission of the Director of Honors Programs and 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.

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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.

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.

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.

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.

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.

4925. SPE **The Role of the Educator as a Facilitator of Language in Children (Birth to Five) Identified as Exceptional. (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. Communication Disorders and Sciences 2210 must also be taken prior to or concurrently with this course.

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

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 **Introduction to Speech Communication (3-0-3)** 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 **Introduction to Speech Communication, Honors. (3-0-3)** 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 **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 SPC and JOU 2001C.

2091C. SPC **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 SPC 2091 and JOU 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; 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.

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.

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 twelve 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 6 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 6 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 4501.

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: Permission of the Director of the Honors Programs and the Department of 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. Prerequisites: Speech Communication 3540; payment of $30 lab fee.

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. Prerequisites: Permission of the Director of the Honors Programs and the Department 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. Prerequisites: Permission of the Director of the Honors Programs and the Department 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: Permission of the Director of the Honors Programs and the Department 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.

4820. SPC **Fundamentals of Public Relations. (3-0-3) S.** Techniques of a positive public relations program, including the process, tools and application. Prerequisite: Journalism 3301 or 3302 or 3820 or permission of the instructor. Credit not granted for both Speech Communication 4820 and Journalism 4820.

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.

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.**

Speech Pathology and Audiology

See Communication Disorders and Sciences.

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 junior high school education must enroll for a minimum of ten semester hours and may enroll for 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 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.

4000. STG **Orientation to Student Teaching. (Arr.-Arr.-1) (Credit/No Credit)** Twenty-five clock hours of direct participation in observation and induction activities of a pre-student teaching nature. Required of students pursuing a standard secondary or standard special teaching certificate, except Special Education and Communication Disorders and Sciences.

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 Junior High School 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 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 in the course during a semester or summer term. For details and information about courses and programs currently available, consult the chairperson of the department of interest, the Study Abroad Coordinator or the School of Adult and Continuing Education.

Theatre Arts

Undergraduate Courses

1133. THA **Beginning Interpretation. (3-0-3) F, S.** Designed to introduce the student to the study of literature through the medium of oral performance, where the medium is itself a process of defining.

1134. THA **Voice and Movement for Performers. (3-3-3) S.** Integrated approach to voice, acting, and movement. Emphasis on developing an audible, resonant voice, clear diction, and a relaxed and properly aligned body—all in the context of acting/performance.

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, S.** Fundamentals in design and use of theatrical makeup. Laboratory projects.

2140C. (1140C) THA **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. (1190C) THA **World Theatre, 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. (Fee.)

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. (Fee.)

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) 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 theatre arts. May substitute for THA 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. **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. (3-0-3) F-even-numbered years.** Interpretation of literature in traditional and experimental styles. Introduction to the aesthetics of readers' and chamber theatre. Prerequisite: Theatre Arts 1133 or permission of the instructor.

3344. THA **Advanced Acting Studies I: Scene & Character Study. (3-3-3) Every fourth year, to alternate with Advanced Acting II, III, and IV.** 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) Every fourth year, to alternate with Advanced Acting I, III, and IV.** This is a course designed to prepare students for the demands of acting in non-realistic, period, or stylized productions. Styles may include the Greeks, Shakespeare, Comedy of Manners, Brecht, and/or the Absurdists. Prerequisites: Theatre Arts 1134; 1133, 2244, 2258, or permission of the instructor. It is not necessary to have taken Advanced Acting I to enroll in this class.

3346. THA **Advanced Acting Studies III: Dialects. (3-3-3) Every fourth year, to alternate with Advanced Acting I, II, and IV.** 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.

3347. THA **Advanced Acting Studies IV: Auditioning. (3-3-3) Every fourth year, to alternate with Advanced Acting I, II, and III.** This is a course that teaches students how to prepare and present effective audition pieces for a variety of theatrical companies and situations. Students will rehearse and perform six audition pieces during the semester. Prerequisites: Theatre Arts 1132 or 1134; 1133, 2244, 2258, or permission of the instructor.

3357. THA **Scene Design. (3-3-3) F-even-numbered years.** 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) S-odd-numbered years.** 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) S-even-numbered years.** Explores basic skills and techniques in lighting theatrical productions. Prerequisite: Theatre Arts 2257 or permission of the instructor.

3431. THA **Children's Dramatics. (3-3-3) F, S.** Dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented. Prerequisite: Theatre Arts 1144 or Theatre Arts 2244 or permission of the instructor

3445. THA **Directing. (3-3-3) F or S.** 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.

3550. 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 at least one design course (Theatre Arts 3357, 3358, or 3360).

3751. THA **Survey of Theatre and Drama I. (3-0-3) F.** The origin of theatre as a social force and an artistic form in the Classical Greek, Roman, Medieval, Elizabethan, and Neo-Classical French Periods. Partially fulfills humanities requirement and fine arts requirement.

3752. THA **Survey of Theatre and Drama II. (3-0-3) S.** The history of the theatre and its literature from the middle of the seventeenth century to the present. Partially fulfills humanities requirement and fine arts requirement.

3753C. THA **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.

3754. THA **American Theatre on Film. (3-1-3) F or S, as needed.** 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: ENG 1001C and 1002C, junior-senior status.

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.

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) Every other Spring 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.

Courses Open to Juniors, Seniors, and Graduate Students

4810. THA **Summer Theatre (Arr.-Arr.-3-6)** Practical, comprehensive experiences in theatre arts. May substitute, with permission of the instructor(s) and the departmental chair, for 3344, 3345, 3346, 3347, 3431, 3550, and/or 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

(For complete descriptions, see the following:)

Art 3685. Women in Art. (3-0-3)

English 3903. Women, Literature, and Language. (3-0-3)

Health Studies 3560. Women's Health. (3-0-3)

History 3900. Women in American History. (3-0-3)

Home Economics 2831. Women in Contemporary Society. (3-0-3)

Journalism 3903. Women and the Media. (3-0-3)

Political Science 3903. Public Policy and the Sexes. (3-0-3)

Sociology 3903. Sex Roles and Social Change. (3-0-3)

Speech Communication 3903. Rhetoric of Women. (3-0-3)

2309. WST **Women, Men, and Culture. (3-0-3)** Examines gender role and development from a variety of theoretical and multidisciplinary perspectives within a variety of contexts: political, economic, religious and social.

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: 9 semester hours in Women's Studies or permission of the Women's Studies Minor Chair.

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.

1020. ZOO **Animal Diversity. (3-2-4)** A study of the functional anatomy, systematics and natural history of the major groups of animals. Prerequisite: Life Science 1010.

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.

2000. ZOO **Mammalian Anatomy. (0-6-3)** A comprehensive study of the gross anatomy of a mammal with anatomy of the human emphasized. Dissection, demonstration and discourse on representative forms including human cadaver. Prerequisite: Life Science 1010 (1001C acceptable).

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.

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: Life Science 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 LFS 3200.

3010. ZOO **Principles of 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: Life Science 1010, Botany 1010, and Zoology 1020 or permission of instructor.

3091C. ZOO **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 **Principles of Animal Physiology. (3-3-4) F, S.** A study of basic principles of animal physiology with emphasis on mammalian organ systems. Prerequisite: Nine semester hours of zoology. Chemistry requirement should be completed.

3200. (2100) ZOO **Comparative Vertebrate Anatomy. (2-4-4) F, S.** A study of structures and their evolution in the chordates. Laboratory work with a variety of forms. Prerequisite: Zoology 1020.

3300. ZOO **Vertebrate Natural History. (2-2-3)** The natural history of vertebrates including distribution, reproduction, economic importance, evolution, and classification. Prerequisite: Zoology 1020.

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. Prerequisite: Zoology 1020.

3600. ZOO **Parasitology. (2-2-3) F, S.** Means of identification, life histories, and methods of control of the more common animal parasites, including those of man. Prerequisites: Zoology 1020 and one other zoology course.

3700. ZOO **Entomology. (2-4-4) Su, F.** The morphology, classification, ecology and economic importance of insects. Methods of collection and specimen preparation are included. Prerequisite: Zoology 1020.

3800. ZOO **Introduction to Immunology. (2-3-3)** Basic principles and laboratory procedures for the study of immune responses. Prerequisites: Twelve semester hours of biological science and one year of college chemistry.

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. May be taken for a maximum of four semester hours.

4490. ZOO **Seminar in Zoology. (0-2-1) F, S.** A seminar in current zoological literature. Prerequisite: Nine semester hours of zoology. 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 2100 and 3500 recommended.

Courses Open to Junior, 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. Prerequisite: Sixteen semester hours of biological science.

4755. ZOO **Organic Evolution. (3-0-3) F.** Fundamental principles of organic evolution stressing historical fact, evidences for and processes common to all biota. Prerequisite: Sixteen semester hours of biological science or permission of the instructor.

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: ZOO 3010 and LFS 3200.

4769. ZOO **Fisheries Ecology and Management. (1-4-3) S-odd-numbered years.** Relationships of fish with biotic and abiotic components of their environment. Role of fishes in aquatic ecosystems and current management strategies. Prerequisite: Ten semester hours of zoology. Zoology 4810 and Environmental Biology 4750 recommended.

4770. ZOO **Ichthyology. (1-4-3) S-even-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. Prerequisites: Zoology 2000 or 3200, 3300.

4810. ZOO **Freshwater Ecology. (1-4-3) F, S.** The physical environment and biological communities involved in fresh water ecosystems. Prerequisites: One year of chemistry; ten semester hours of zoology.

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: Life Science 3200 and Chemistry 3430.

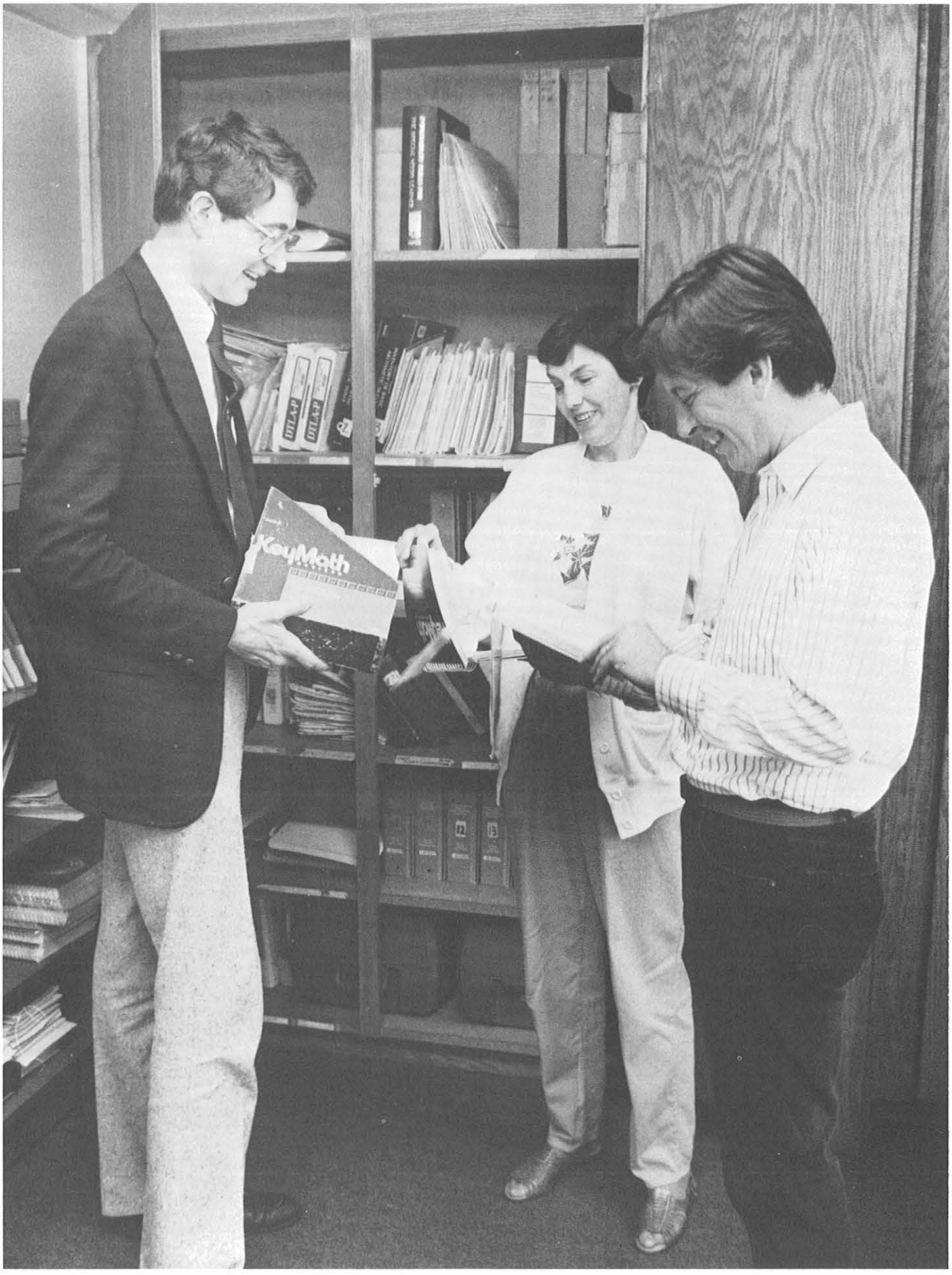
4840. ZOO **Advanced Genetics. (3-0-3) F.** Study of genetics on the molecular and biochemical levels, including structure, function, transmission, and regulation of the genetic material, in prokaryotes and eukaryotes. Prerequisites: Life Science 3200 and organic chemistry; biochemistry recommended.

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; one course in organic chemistry and biochemistry recommended.

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.**


KeyMath

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)

Maxine Clayton, Administrative Assistant to the President (1955)

PLANNING SERVICES

Kimberly A. Furumo, M.B.A., University of Akron, Director (1989)

John Morrisey, M.S. Ed., Eastern Illinois University, Budget Officer (1968)

Academic Affairs

PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

Barbara L. Hill, Ph.D., Southern Illinois University (1969)

Terry M. Weidner, Ph.D., The Ohio State University, Associate Vice President for Academic Affairs (1964)

Cynthia D. Nichols, M.A., Eastern Illinois University, Assistant Vice President for Academic Affairs (1986)

Jeanne H. Simpson, D.A., Illinois State University, Assistant Vice President for Academic Affairs (1981)

L. Stephen Whitley, Ph.D., Purdue University, Director, General Education and Senior Seminar (1963)

Mary C. McDaniel, 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 Student 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)

College of Applied Sciences

Larry D. Helsel, Ed.D., Pennsylvania State University, Acting Dean (1980)

Martha S. Brown, Ph.D., Florida State University, Associate Dean (1979)

Joyce S. Crouse, Ph.D., Southern Illinois University, Assistant Dean, and Chair, School of Home Economics (1968)

John M. Messer, D.Ed., University of Northern Colorado, Acting Assistant Dean and Chair, School of Technology (1977)

Paula Snyder, B.S., Michigan State University, Academic Advisor, School of Home Economics (1973)

Military Science Program (ROTC)

Robert W. Dinnen, Major (1989)

Lumpkin College of Business

Theodore W. Ivarie, Ed.D., Arizona State University, Dean (1979)

Kathleen A. Bennett, B.S. Ed., Eastern Illinois University, Assistant to Dean (1974)

Judith Hofstrand, M.A., Sangamon State University, Director, Administration and Development (1985) (On Leave)

Nancy A. Wilson, M.B.A, Eastern Illinois University, Acting Director, Administration and Development (1989)

Robert E. Meier, Ph.D., University of Illinois, Coordinator, Graduate Studies in Business (1964)

Wanda L. Johnson, M.S., Arkansas State University, Academic Advisor (1979) (Part-time)

Doreen M. Nelms, M.S., Eastern Illinois University, Academic Advisor (1981)

Judith A. Sunderman, M.B.A., Eastern Illinois University, Academic Advisor (1980) (Part-time)

College of Education

Charles Joley, Ed.D., University of Illinois, Dean (1970)

George W. Schlinsog, D.Ed., University of Oregon, Associate Dean (1967)

Ronald M. Leathers, M.S., Indiana State University, Assistant Dean (1965)

William F. Buckellew, Ed.D., University of Arkansas, Assistant (1962) (Part-time)

Mary C. Clement, Ed.D., University of Illinois, Coordinator, Beginning Teacher Induction Program, Student Teaching (1991)

College of Fine Arts

James K. Johnson, M.F.A., University of Kansas, Acting Dean (1978)

Beverly A. Gartin, Ed.D., University of Massachusetts, Assistant Dean (1989)

Michael Watts, M.F.A., University of Texas at Austin, Director, Tarble Arts Center (1986)

Donna A. Meeks, M.F.A., University of Wisconsin-Milwaukee, Curator, Exhibitions and Education, Tarble Arts Center (1987)

College of Health, Physical Education and Recreation

Larry J. Ankenbrand, Ed.D., University of Missouri, Acting Dean (1977)

David C. Dutler, Ph.D., Southern Illinois University, Director, Recreational Sports (1976)

Jeffery W. Dvorak, M.S.Ed., Southern Illinois University, Assistant Director, Recreational Sports (1991)

Charles E. Prince, B.S., Eastern Illinois University, Assistant Director, Recreational Sports (1991)

Daniel J. Bolin, M.S.Ed., University of Illinois, Director, Safety Programs (1970)

Scott A.G.M. Crawford, Ph.D., University of Queensland, Australia, Coordinator, Graduate Studies in HPER (1989)

College of Liberal Arts and Sciences

Jon M. Laible, Ph.D., University of Illinois, Dean (1964)

David W. Ebdon, Ph.D., University of Maryland, Associate Dean (1968)

Jeffrey P. Lynch, M.A., University of Dayton, Assistant Dean (1976)

Barbara S. Kuykendall, M.A., Eastern Illinois University, Assistant to the Dean (1987)

William Colvin, Ed.D., Illinois State University, Chairperson, Afro-American Studies (1987)

Kipp Kruse, Ph.D., University of Nebraska, Chairperson, Environmental Studies Committee (1969)

Marvin L. Breig, Ph.D., University of Oklahoma, Chairperson, Pre-Engineering Studies (1963)

Peter R. Leigh, Ph.D., University of Southern California, Chairperson, Pre-Legal Studies (1969)

Judith James, Ph.D., Illinois State University, Chairperson, Pre-Medical Studies (1973)

Charles Titus, M.A., Eastern Illinois University, Chairperson, Social Science Studies Committee (1972)

School of Adult and Continuing Education

William C. Hine, Ed.D., Indiana University, Dean (1986)

Brian A. Cole, Ph.D., University of Maryland, Director, Off-Campus and Contract Programs (1989)

Kaylin S. Johns, M.S., Western Illinois University, Director, Credit-Free Programs (1987)

Board of Governors Degree Program

Shirley W. Neal, Ph.D., University of Illinois, Director (1968) (On Leave)

L. Kaye Woodward, Ed.D., University of Arkansas, Acting Director (1986)

Graduate School and Research

Larry J. Williams, Ph.D., University of Illinois, Dean (1964)

Jill F. Nilsen, Ph.D., University of Illinois, Associate Dean (1976)

Edwin L. May, M.A., Adams State College, Director, Research and Grants (1978)

Academic Development

Shirley B. Moore, Ed.D., University of Northern Colorado, Dean (1970)

Martha P. Jacques, M.R.C., Bowling Green State University, Academic Advisor, Office of Disability Services (1992)

Academic Assistance Center

Calvin B. Campbell, Adv. C., University of Illinois, Director (1966)

Josephine C. Barger, M.A., Notre Dame University, Advisor (1977) (Part-time)

Catherine Cloud, M.S.Ed., Eastern Illinois University, Advisor (1988)

John L. Coffey, M.A., Ball State University, Advisor (1986)

Kathy Davies, M.S., Eastern Illinois University, Advisor (1982)

Lora L. Green, M.S. Ed., Eastern Illinois University, Advisor (1989)

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)

Laurie A. Zak, M.A., Bowling Green State University, Advisor (1990)

Counseling Center

Claud D. Sanders, Ed.D., University of Illinois, Director (1966)

Claudia F. Lane, M.S.Ed., Eastern Illinois University, Counselor (1987)

Genie Lenihan, Ph.D., University of Illinois, Counselor (1981)

Alice K. Sanders, Ph.D., University of Georgia, Counselor (1988)

Gerard Saucier, Ph.D., University of Oregon, Counselor (1991)

Faculty Development

Garret W. DeRuiter, M.F.A., Southern Illinois University, Coordinator (1965)

Testing Services

David K. Dodd, Ph.D., University of Utah, Director (1984)

Douglas J. Bower, M.S.Ed., Eastern Illinois University, Coordinator, Academic Test Administration (1988)

Library Services

Allen Lanham, Ph.D., Eastman School of Music, Dean (1991)

Audio-Visual Center

Gene Scholes, Ph.D., Southern Illinois University, Director (1966)

Larry E. Wood, Ed.S., Eastern Illinois University, Assistant Director (1969)

Radio-TV Center

John L. Beabout, M.A., Ohio University, Director (1981)

Kenneth S. Beno, M.A., Eastern Illinois University, Manager, TV Station (1986)

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, Acting (1967)

Student Academic Services

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, Associate Director (1974)

Susan W. Ambrose, M.S., Eastern Illinois University, Assistant Director (1985)

Deborah L. Dykes, B.A., Trinity Christian College, Assistant Director (1990)

Jill A. Blasey, M.A., Eastern Illinois University, Admissions Counselor (1991)

Kathleen M. McSherry, B.S., Central Michigan University, Admissions Counselor (1988)

Rita I. Pearson, M.A., Eastern Illinois University, Admissions Counselor (1990)

Community College Relations

Jean R. Lange, M.A., Northeastern Illinois University, Director (1985)

Records

John H. Conley, M.S.Ed., Eastern Illinois University, Registrar (1972)

G. Sue Harvey, M.S.Ed., Eastern Illinois University, Assistant Registrar (1977)

Glenda K. Phipps, B.S.Ed., Eastern Illinois University, Assistant Registrar (1992)

Registration

Michael Taylor, B.A., Eastern Illinois University, Director (1974)

David Sardella, M.S., Mankato State College, Assistant Director (1972)

Textbook Service

Walter Kingenberg, B.S., Ohio University, Director (1992)

International Students

Brigitte A. Chen, M.A., University of Illinois, Advisor (Part-time) (1978)

Career Planning and Placement

Shirley A. Stewart, M.S.Ed., Eastern Illinois University, Director (1988)

Richard Warren Kistner, M.S., Illinois State University, Assistant Director (1991)

Financial Aids

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)

Health Services

Richard H. Larson, M.D., University of Cincinnati, Director (1985)

Jerry D. Heath, M.D., University of Illinois, Health Service Physician (1956) (Part-time)

Charles E. Ramsey, M.D., University of Illinois, Health Service Physician (1989) (Part-time)

Stanley W. Thiel, M.D., Washington University, Health Service Physician (1986)

Joseph D. Wall, M.D., University of Illinois, Health Service Physician (1986)

Student Activities and University Union

Martha Joan Gossett, A.A., Danville Junior College, Director, University Union (1982)

James A. Rardin, B.S., Eastern Illinois University, Assistant Director, University Union (1985)

Mark L. Haines, B.A., Eastern Illinois University, Director, Arrangements, (1983)

David Milberg, M.S.Ed., Iowa State University, Director, Student Activities (1988)

William S. Davis, J.D., University of Illinois, Coordinator, Student Legal Services (1980)

Diann O'Brien-Gunn, M.A., Eastern Illinois University, Arts and Crafts Coordinator (1982)

Student Housing

Louis V. Hencken, M.S.Ed., Eastern Illinois University, Associate Vice President for Student Affairs and Director (1967)

Mark I. Shaklee, M.Ed., University of Missouri, Associate Director (1978)

Patrick J. Bradley, M.S., Wayne State College, Assistant Director (1982)

Kevin P. Cannon, M.S.Ed., Eastern Illinois University, Assistant Director (1984)

Mary M. Smith, Ed.S., Eastern Illinois University, Assistant Director (1970)

Keith Kohanzo, M.S.Ed., Eastern Illinois University, Assistant and Student Judicial Hearing Officer (1971)

Lynette F. Drake, M.S., Eastern Illinois University, Director, Orientation, and Coordinator, Alcohol, Drug, AIDS Information (1991)

Residence Hall Food Service

Beverly K. Sterling, M.S.Ed., Eastern Illinois University, Director (1972)

Residence Hall Counselors

Lisa K. Hikes, M.S.Ed., Eastern Illinois University, Complex Counselor (1990)

Barbara A. Busch, Adv.C., University of Illinois (1964)

James P. Gregory, M.S.Ed., Eastern Illinois University (1991)

Doris A. Hamilton, B.S.Ed., Eastern Illinois University (1990)

Lisa K. Hikes, M.S.Ed., Eastern Illinois University (1990)

Kelly P. Miller, M.B.A., Eastern Illinois University (1991)

Patricia A.R. Sepnafski, M.S.Ed., Eastern Illinois University (1990)

Marianne VanKeuren, M.S., Eastern Illinois University (1990)

Shawn D. Peoples, M.S.Ed., Eastern Illinois University (1992)

University Police Department

Thomas D. Larson, M.A., Eastern Illinois University, Chief Public Safety Officer (1983)

Business Affairs

VICE PRESIDENT FOR BUSINESS AFFAIRS

Charles C. Colbert, Ed.D., University of Georgia (1988)

Business Services and Treasurer

John Marlyn Finley, B.S.Ed., Eastern Illinois University, Director (1970)

Administrative Services

Harriet Rose, M.A., Sangamon State University, Assistant Director (1985)

Computer and Telecommunications 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

James L. Pacino, M.P.A., California State University, Assistant Vice President (1990)

Physical Plant

Carol A. Strode, B.A., Eastern Illinois University, Associate Vice President, Facilities, Acting (1973)

Institutional Advancement

VICE PRESIDENT FOR INSTITUTIONAL ADVANCEMENT

Stephen C. Falk, M.A., Central Michigan University (1989)

Arthur H. Rathjen, Jr., B.A., Alma College, Assistant Vice President for Development (1989)

Affirmative Action and Cultural Diversity

Cynthia D. Nichols, M.A., Eastern Illinois University, Acting (1986)

Athletics

Michael R. Ryan, M.A., California State University, Director (1989)

Joan K. Schmidt, M.S., Northern Illinois University, Associate Director (1970)

Ronald Paap, A.M., University of Northern Colorado, Associate Director (1963)

Paul Lueken, M.S., St. Thomas University, Assistant Director, Athletics, and Director, Athletic Development/Marketing (1986)

Don D. Dawson, M.S., Eastern Kentucky University, Academic Advisor (1991)

Internal Auditing

Jeffrey L. Cooley, CPA, B.S. in Bus., Eastern Illinois University, Director (1983)

University Relations

Art Tate, M.A., Michigan State, Assistant Director (1987)

INFORMATION AND PUBLICATIONS

David Kidwell, B.S., Eastern Illinois University, Director, Sports Information (1972)

Instructional Staff

*Denotes department chairperson
**Denotes acting department chairperson

A

Dewey F. Abell, M.L.S., University of California, Associate Professor, Library (1969) (Part-time)

Olga Abella, Ph.D., State University of New York, Assistant Professor, English (1989)

William E. Addison, Ph.D., Miami University, Associate Professor, Psychology (1987)

Lenore Aebischer, M.S., Eastern Illinois University, Instructor, Special Education (1991)

Herbert Alexander, Jr., M.S., Wichita State University, Instructor, Zoology (1977) (Part-time)

Karola Alford, M.A., Eastern Illinois University, Instructor, Psychology (1990) (Part-time)

William R. Allen, Ph.D., University of Wisconsin, Assistant Professor, Computer and Operations Management (1989)

John B. Allison, Ph.D., University of Chicago, Associate Professor, English (1988)

Dewey H. Amos, Ph.D., University of Illinois, Professor, Geology/Geography (1965) (Part-time)

Keith Andrew, Ph.D., University of Arkansas, Associate Professor, Physics (1987)

Peter Andrews, Ph.D., University of Maryland, Associate Professor, Mathematics (1992)

Richard D. Andrews, Ph.D., University of Illinois, Professor, Zoology (1966)

Larry J. Ankenbrand, Ed.D., University of Missouri, Professor, Physical Education (1977)

Donald Armel, M.S., Indiana State University, Assistant Professor, Technology (1985)

Carol J. Armstrong, M.S.Ed., Eastern Illinois University, Associate Professor, Home Economics (1972)

V. Aline Arnold, Ph.D., North Texas State University, Associate 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)

Charles Arzeni, Ph.D., University of Michigan, Professor, Botany (1965)

D. Ferrel Atkins, Ph.D., University of Kentucky, Professor, Mathematics (1958) (Part-time)

Robert M. Augustine, Ph.D., Southern Illinois University, Associate Professor, Communication Disorders and Sciences* (1978)

Gary E. Aylesworth, Ph.D., State University of New York, Assistant 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.Ed., University of Illinois, Assistant Professor, Special Education (1992)

Cynthia L. Baker, M.M., Indiana University, Instructor, Music (1991)

Virginia A. Baldwin, M.L.I.S., Indiana University, Assistant Professor, Library Services (1991)

Freddie A. Banks, Jr., Ph.D., Southern Illinois University, Assistant Professor, Educational Administration (1991)

Robert Barford, Ph.D., Indiana University, Professor, Philosophy* (1968)

Robert N. Barger, Ph.D., University of Illinois, Professor, Secondary Education and Foundations (1977)

Richard J. Barta, Ed.S., University of Kansas, Professor, Music (1978)

Katherine L. Bartel, M.F.A., Southern Illinois University, Assistant Professor, Art (1989)

Sharon Bartling, Ph.D., University of Illinois, Professor, English (1972)

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, Associate Professor, Health Studies** (1988)

Kandy Baumgardner, Ph.D., Utah State University, Professor, Zoology (1973)

Susan Bazargan, Ph.D., University of Washington, Associate Professor, English (1985)

Ann Beabout, M.A., Eastern Illinois University, Instructor, Speech Communication (1984)

John L. Beabout, M.A., Ohio University, Assistant Professor, Speech Communication (1981)

Brian Beakley, Ph.D., State University of New York at Stony Brook, Assistant Professor, Philosophy (1990)

Tammy M. Bear-Tibbs, M.A., Eastern Illinois University, Instructor, English (1991)

Roger B. Beck, Ph.D., Indiana University, Associate Professor, History (1987)

Steven A. Becker, Ph.D., University of Iowa, Professor, Botany (1968)

John K. Bennett, M.A., Eastern Illinois University, Instructor, Intercollegiate Athletics and Mathematics (1982)

Rachelle Bergmann, Ph.D., University of California, Associate Professor, Physics (1989)

Dixon E. Berry, M.L.S., Indiana University, and M.B.A., Eastern Illinois University, Assistant Professor, Library (1988)

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)

Mary A. Bialek, M.Ed., Pennsylvania State University, Professor, Music (1969)

Terri J. Biggs, M.S., Eastern Illinois University, Instructor, Health Studies (1987) (Part-time)

Cheryl Birkhead, M.S., Illinois State University, Lecturer, Intercollegiate Athletics (1978)

T. Howard Black, Ph.D., Northwestern University, Professor, Chemistry (1985)

Clarence Blanchette, M.A., University of Iowa, Professor, Theatre Arts (1973)

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, Associate Professor, Technology (1987)

Eric K. Bollinger, Ph.D., Cornell University, Assistant Professor, Zoology (1990)

Mark R. Bomball, Ph.D., University of Mississippi, Associate Professor, Computer and Operations Management (1969)

Andrea Bonnicksen, Ph.D., Washington State University, Professor, Political Science (1979)

Bernard W. Borah, M.M., University of Illinois, Instructor, Music (1989) (Part-time)

Waldo L. Born, Ph.D., University of Texas, Assistant Professor, Accountancy and Finance (1988)

Jeffrey G. Boshart, M.F.A., University of Massachusetts, Assistant Professor, Art (1988)

Parley A. Boswell, Ph.D., Loyola University, Associate Professor, English (1987)

Michael G. Bradd, M.A., Bradley University, Lecturer, Speech Communication (1990)

Olinda Braga de Souza, A.M., University of Illinois, Instructor, Foreign Languages (1992)

Douglas E. Brandt, Ph.D., University of Hawaii, Associate 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)

Marvin L. Breig, Ph.D., University of Oklahoma, Professor, Physics (1963)

Karl F. Bridges, A.M./M.S., University of Illinois, Instructor, Library Services (1991)

James M. Brinkman, Ed.D., University of Illinois, Professor, Music (1970)

Noel Brodsky, Ph.D., University of Illinois, Assistant Professor, Economics (1988)

Duane M. Broline, Ph.D., University of Wisconsin, Associate Professor, Mathematics (1986)

Judith L. Brown, M.A., Eastern Illinois University, Instructor, Psychology (1985) (Part-time)

Martha S. Brown, Ph.D., Florida State University, Associate Professor, Home Economics (1979)

Susan M. Brown-Sandberg, Ed.D., University of Illinois, Associate Professor, Elementary and Junior High School Education (1987)

Kathleen A. Browne, M.F.A., Southern Illinois University, Assistant Professor, Art (1986)

David H. Buchanan, Ph.D., University of Wisconsin, Professor, Chemistry* (1971)

William F. Buckellew, Ed.D., University of Arkansas, Professor, Physical Education (1962) (Part-time)

Kathryn M. Bulver, Ph.D., University of Wisconsin, Assistant Professor, Foreign Languages (1990)

Catherine A. Burnham, Ed.D., University of Illinois, Assistant Professor, Home Economics (1990)

Henry Butler, M.M.A., Michigan State University, Assistant Professor, Music (1990)

Louis C. Butler, Ph.D., Southern Illinois University, Associate Professor, Technology (1984)

Mahmood H. Butt, Ph.D., Indiana University, Professor, Secondary Education and Foundations* (1992)

Robert Y. Butts, M.S., Virginia Polytechnic Institute and State University, Assistant Professor, Home Economics (1971)

C

Linda Calendrillo, Ph.D., Purdue University, Assistant Professor, English (1992)

Daniel J. Callahan, M.S.Ed., Southern Illinois University, Lecturer, Intercollegiate Athletics (1989)

Lucy A. Campanis, Ph.D., Pennsylvania State University, Associate Professor, Home Economics (1986)

Betty J. Campbell, Ph.D., University of Illinois, Assistant Professor, Business Education and Administrative Information Systems (1969)

Stephen A. Canfield, Ph.D., University of Illinois, Assistant Professor, Foreign Languages (1992)

K. Janelle Carey, M.A., Eastern Illinois University, Instructor, English (1981)

Nanette M. Carli, Ed.D., Illinois State University, Assistant Professor, Art (1991)

David Carpenter, Ph.D., University of Oregon, Associate Professor, English (1986)

Rori R. Carson, M.S., Western Illinois University, Assistant Professor, Special Education (1991)

David H. Carwell, M.A., University of Kentucky, Instructor, Political Science (1990)

Richard Cavanaugh, M.S., University of Illinois, Instructor, Health Studies (1982)

E. Wayne Chandler, D.B.A., Arizona State University, Associate Professor, Management/Marketing (1983)

Max K. Chapman, Ph.D., Kent State University, Assistant Professor, Zoology (1972)

Carrie C. Chen, Ed.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, Assistant 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, Assistant Professor, Physical Education (1984)

Phoebe Church, Ph.D., Indiana State University, Associate 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)

Luis Clay-Mendez, Ph.D., Washington University, Professor, Foreign Languages (1980)

Stephen M. Cloud, B.A., Eastern Illinois University, Instructor, English (1991)

William M. Cloud, Ph.D., University of Wisconsin, Professor, Physics (1962) (Part-time)

Harold G. Coe, Ph.D., Purdue University, Professor, Psychology (1965) (Part-time)

Charles C. Colbert, Ed.D., University of Georgia, Associate Professor, Physical Education (1988)

Linda S. Colemen, Ph.D., University of Wisconsin-Milwaukee, Associate Professor, English (1987)

Marilyn J. Coles, D.M.A., University of Illinois, Assistant Professor, Music (1988)

William Colvin, Ed.D., Illinois State University, Professor, Art (1987)

Marsha L. Combs, J.D., University of Illinois, Instructor, Management/Marketing (1990) (Part-time)

Jonell A. Comerford, Ph.D., University of Illinois, Associate Professor, Mathematics (1988)

Leo P. Comerford, Jr., Ph.D., University of Illinois, Professor, Mathematics (1988)

James R. Conley, M.A., Eastern Illinois University, Instructor, Speech Communication (1990)

Joseph T. Connelly, Ed.D., University of Illinois, Professor, Political Science (1958) (Part-time)

James Conwell, Ph.D., University of Nebraska, Professor, Physics (1985)

Kathleen R. Cook, M.M., University of Wisconsin, Assistant Professor, Music (1990)

Michael D. Cook, M.A., Cornell University, Assistant Professor, History (1989)

Rebecca J. Cook, M.Ed., University of Illinois, Instructor, Special Education (1990) (Part-time)

Lewis H. Coon, Ed.D., Oklahoma State University, Professor, Mathematics (1965)

Janice K. Coons, Ph.D., University of Wisconsin, Associate Professor, Botany* (1989)

Carolyn S. Cooper, Ph.D., University of Kansas, Associate 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)

Charles J. Costa, Ph.D., University of Maryland, Associate Professor, Zoology (1987)

Patrick R. Coulton, Ph.D., University of Notre Dame, Associate Professor, Mathematics (1983)

Shelly L. Counsell, M.S., Eastern Illinois University, Instructor, Special Education (1991) (Part-time)

John M. Craft, M.S., Eastern Illinois University, Associate Professor, Physical Education (1970)

Penelope D. Crawford, B.A., George Mason University, Lecturer, Foreign Languages (1991) (Part-time)

Scott A.G.M. Crawford, Ph.D., University of Queensland, Australia, Associate Professor, Physical Education (1989)

Laurence E. Crofutt, A.M., Indiana University, Assistant Professor, Botany (1967)

Phyllis T. Croisant, Ph.D., University of Illinois, Associate Professor, Physical Education (1984)

Richard K. Crome, M.S.Ed., Eastern Illinois University, Assistant Professor, Foreign Languages (1987)

Richard W. Cross, Ph.D., Indiana University, Assistant Professor, Psychology (1989)

Joyce S. Crouse, Ph.D., Southern Illinois University, Professor, Home Economics* (1968)

David Culkin, Ph.D., University of Oregon, Associate Professor, Leisure Studies* (1991)

Earl S. Cummings, M.A., Ball State University, Assistant Professor, Secondary Education and Foundations (1992)

Carleton E. Curran, Ph.D., University of Wisconsin, Associate Professor, History (1966)

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Jerry L. Daniels, M.M., Drake University, Associate Professor, Music (1982)

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Roger L. Darding, Ph.D., University of Illinois, Professor, Botany (1970)

A. Douglas Davis, Ph.D., University of California, Los Angeles, Professor, Physics* (1970)

H. Allen Davis, Jr., Ph.D., University of Wisconsin, Associate Professor, Mathematics (1987)

Henry H. Davis, Ph.D., University of North Carolina, Assistant Professor, Accountancy and Finance (1991)

Carol A. Deakyne, Ph.D., Princeton University, Associate Professor, Chemistry (1990)

Darice A. DeLap, M.S., Eastern Illinois University, Instructor, Home Economics (1991) (Part-time)

Carl W. Dell, Ph.D., Bowling Green State University, Associate Professor, Communication Disorders and Sciences (1985)

Marietta L. Deming, Ph.D., University of Toledo, Associate Professor, Health Studies (1987)

Jean Dennee, Ed.D., Utah State University, Associate Professor, Secondary Education and Foundations (1987)

Robert E. Dennison, M.B.A., Eastern Illinois University, Instructor, Computer and Operations Management (1991) (Part-time)

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)

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Alphonso J. DiPietro, Ph.D., George Peabody College for Teachers, Professor, Mathematics (1959) (Part-time)

David K. Dodd, Ph.D., University of Utah, Associate Professor, Psychology (1984)

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Dale D. Downs, Ed.D., Indiana University, Professor, Elementary and Junior High School Education (1963)

Kathleen P. Doyle, Ph.D., Southern Illinois University, Professor, Health Studies (1978)

Robert Doyle, Ph.D., Southern Illinois University, Associate Professor, Physical Education (1979)

Dean Dudley, Ph.D., University of Washington, Professor, Accountancy and Finance (1985)

Lola W. Dudley, Ph.D., University of Arkansas, Associate Professor, Accountancy and Finance (1989)

Sidney C. Dudley, Ph.D., University of Arkansas, Associate Professor, Management/Marketing (1989)

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Richard A. Dulka, M.A., St. Louis University, Associate Professor, Foreign Languages (1968)

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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)

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John R. Faust, Ph.D., University of North Carolina, Professor, Political Science (1966)

Joyce Felstehausen, Ed.D., University of Illinois, Professor, Technology (1977)

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, Assistant Professor, Educational Administration (1991)

Russell D. Fischer, Ed.D., North Texas State University, Associate Professor, Physical Education (1976)

Patricia Flaugher, M.S., Southern Illinois University, Assistant Professor, Physical Education (1969)

Laura D. Flesor, M.A., Eastern Illinois University, Instructor, English (1988)

Beverly D. Foote, Ph.D., University of Illinois, Assistant Professor, Chemistry (1978)

C. Dan Foote, Ph.D., University of Illinois, Associate Professor, Chemistry (1965)

Gary S. Foster, Ph.D., Kansas State University, Professor, Sociology/Anthropology (1981)

Delbert D. Foust, Adv.C., University of Illinois, Associate Professor, Elementary and Junior High School Education (1964) (Part-time)

Frank A. Fraembs, M.S., University of Illinois, Assistant Professor, Zoology (1964)

French L. Fraker, Ph.D., University of Illinois, Assistant Professor, Educational Psychology and Guidance (1987)

Norma L. Franklin, M.S., Eastern Illinois University, Instructor, Home Economics (1990)

Chris E. Freese, J.D., University of Louisville, Instructor, Management/Marketing (1990)

Shelley S. French, Ph.D., University of Illinois, Instructor, Foreign Languages (1989)

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, Assistant Professor, Chemistry (1989)

G

John W. Gardner, Ph.D., University of Illinois, Associate Professor, Physics (1983)

Donald P. Garner, Ph.D., Wayne State University, Professor, Speech Communication (1963)

Norman A. Garrett, Ed.D., Arizona State University, Associate Professor, Business Education and Administrative Information Systems (1990)

Michael B. Garrison, B.G.S., University of Nebraska, Lecturer, Intercollegiate Athletics (1989)

Beverly A. Gartin, Ed.D., University of Massachusetts, Associate Professor, Music (1989)

Hillel Gauchman, Ph.D., University of Moscow, Professor, Mathematics (1986)

Morgan W. Geddie, M.B.A., University of Central Oklahoma, Instructor, Home Economics (1992)

Max O. Gerling, Ph.D., Florida State University, Professor, Mathematics (1978)

Ronald E. Gholson, Ph.D., Southern Illinois University, Professor, Secondary Education and Foundations (1976)

James F. Glazebrook, Ph.D., University of Warwick, Assistant Professor, Mathematics (1988)

Ivy Glennon, M.A., University of Illinois, Assistant Professor, Speech Communication (1990)

Frank Goldacker, M.S., Eastern Illinois University, Assistant Professor, Communication Disorders and Sciences (1989)

Michael A. Goodrich, Ph.D., Pennsylvania State University, Professor, Zoology (1964)

Evelyn T. Goodrick, M.A., Kent State University, Associate Professor, Journalism (1976)

Richard P. Goodrick, Ph.D., Southern Illinois University, Professor, Political Science* (1976)

Colleen H. Gosselin, Ad.C., University of Illinois, Instructor, Psychology (1991)

Laurent A. Gosselin, Ed.D., Temple University, Professor, Home Economics (1981)

Gerald L. Gossett, M.S., Indiana State University, Assistant Professor, Physical Education (1969)

Timothy D. Gover, M.S., University of Illinois, Professor, Accountancy and Finance (1963)

Louis M. Grado, Ph.D., University of Iowa, Professor, Elementary and Junior High School Education (1955) (Part-time)

Walter J. Grady, B.S.C.E., University of Notre Dame, Lecturer, Mathematics (1983)

Patricia O. Graves, Ed.D., Memphis State University, Associate Professor, Business Education and Administrative Information Systems (1987)

Grant G. Gray, Ph.D., North Dakota State University, Associate Professor, Botany (1966) (Part-time)

Lillian Greathouse, Ph.D., Southern Illinois University, Associate Professor, Business Education and Administrative Information Systems* (1986)

Noelle J. Greathouse, Ph.D., Indiana State University, Assistant Professor, Elementary and Junior High School Education (1988)

Karl M. Grisso, Ph.D., University of Illinois, Professor, Library (1969)

Russell Gruber, Ph.D., University of Cincinnati, Assistant 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, Associate Professor, Theatre Arts* (1987)

Vincent P. Gutowski, Ph.D., University of Pittsburgh, Associate Professor, Geology/Geography (1983)

John Z. Guzlowski, Ph.D., Purdue University, Professor, English (1981)

H

Kenneth E. Hadwiger, Ph.D., University of Oklahoma, Professor, Speech Communication (1964)

Julian J. Hamerski, Ph.D., University of the Pacific, Associate Professor, Chemistry (1963)

Marjorie Hanft-Martone, M.A., University of Oklahoma, Instructor, Psychology (1986)

Mary Anne Hanner, M.S., Eastern Illinois University, Associate Professor, Communication Disorders and Sciences (1981)

Debra Ann Harley, Ph.D., Southern Illinois University - Carbondale, Assistant Professor, Special Education (1992)

Lisa M. B. Harrington, Ph.D., University of Oklahoma, Assistant Professor, Geology/Geography (1990)

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, Associate Professor, Mathematics (1979)

Ruth M. Hawkins, M.S.Ed., Eastern Illinois University, Assistant Professor, Elementary and Junior High School Education (1988)

Paul Hayden, D.M.A., University of Illinois, Associate Professor, Music (1988)

Edith M. Hedges, M.S., University of Wisconsin, Assistant Professor, Home Economics (1966)

Frank H. Hedges, M.S., University of Illinois, Assistant Professor, Zoology (1965)

Melinda Hegarty, Ph.D., University of Iowa, Associate Professor, Art (1977)

Christine Heisel, M.A., Eastern Illinois University, Assistant Professor, Speech Communication (1985)

Larry D. Heisel, D.Ed., Pennsylvania State University, Professor, Technology (1980)

Carol M. Helwig, Ed.D., University of Illinois, Professor, Elementary and Junior High School Education* (1969)

Giles L. Henderson, Ph.D., Indiana University, Professor, Chemistry (1966)

Joan E. Henn, Ph.D., University of Tennessee, Assistant Professor, Mathematics (1989)

Mary B. Hennig, M.B.A., Eastern Illinois University, Instructor, Accountancy and Finance (1985)

Robert E. Hennings, Ph.D., University of California, Berkeley, Professor, History (1962) (Part-time)

Sara L. Hensley, M.Ed., University of Arkansas, Instructor, Leisure Studies (1991)

Peter D. Hesterman, Ph.D., Eastman School of Music, Professor, Music (1978)

Joseph K. Heumann, M.A., University of Iowa, Professor, Speech Communication (1976)

Billy J. Heyduck, D.Ed., Pennsylvania State University, Professor, Art (1966)

Daniel F. Hickey, B.A., Eastern Illinois University, Lecturer, Speech Communication (1991) (Part-time)

William F. Higelmire, Ed.D., University of Northern Colorado, Associate Professor, Leisure Studies (1987)

Glenn J. Hild, M.F.A., University of Nebraska, Associate Professor, Art (1979)

Barbara Hilke, M.S., University of Oregon, Lecturer, Intecollegiate Athletics (1979)

Barbara Hill, Ph.D., Southern Illinois University, Professor, Home Economics (1969)

Robert V. Hillman, M.L.S., Brigham Young University, Assistant Professor, Library (1989)

Robert Hills, M.S., Eastern Illinois University, Associate Professor, Music (1985)

Harold L. Hillyer, M.M., University of Southern California, Assistant Professor, Music (1972)

William C. Hine, Ed.D., Indiana University, Associate Professor, Secondary Education and Foundations (1986)

David Hobbs, M.M., Northwestern University, Assistant Professor, Music (1991)

Ruth Hoberman, Ph.D., Columbia University, Associate Professor, English (1984)

Dan Hockman, Ph.D., University of Illinois, Professor, History (1965)

Stephen D. Hogan, Ph.D., University of Oklahoma, Associate Professor, Accountancy and Finance (1990)

Mary C. Hogg, M.A., University of Iowa, Instructor, Speech Communication (1989)

Lucille S. Holcomb, Ed.D., Illinois State University, Assistant Professor, History (1991) (Part-time)

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)

Janet Hope, Ph.D., University of North Carolina, Instructor, Sociology/Anthropology (1991)

Jody R. Horn, M.S., Eastern Illinois University, Instructor, Home Economics (1990)

Allan L. Horney, M.S., University of Illinois, Professor, Music (1974)

Lucinda Horton, M.S., Eastern Illinois University, Faculty Assistant, Zoology (1990)

Kim L. Howrey, M.S.Ed., Eastern Illinois University, Instructor, Special Education (1991) (Part-time)

Nai-chao Hsu, Ph.D., Washington University, Professor, Mathematics (1966)

Mary L. Hubbard, Ph.D., Southern Illinois University, Professor, Home Economics (1979)

Richard L. Hummel, Ph.D., Indiana University, Professor, Sociology/Anthropology (1969)

Ben Hunsaker, M.S., Southern Illinois University, Instructor, Speech Communication (1989) (Part-time)

David C. Hunter, M.A., Eastern Illinois University, Instructor, Psychology (1988) (Part-time)

Judith Hyndman, M.S., Eastern Illinois University, Instructor, Physical Education (1990)

I

Minabere Ibelema, Ph.D., The Ohio State University, Associate Professor, Journalism (1991)

Diana S. Ingram, M.A., Eastern Illinois University, Instructor, Speech Communication (1986)

Norman Isacson, M.S., Eastern Illinois University, Academic Advisor (1991)

Bill V. Isom, M.S.Ed., Southern Illinois University, Professor, Library (1964) (Part-time)

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, Associate 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, Associate Professor, Zoology (1973)

William S. James, Ph.D., University of Tennessee, Associate Professor, Zoology (1970)

Larry D. Janes, Ed.D., Illinois State University, Professor, Educational Administration** (1983)

Kathleen H. Jenkins, Specialist in Ed., Eastern Illinois University, Associate Professor, Library (1977)

Samuel W. Jenkins, Ph.D., Louisiana State University, Associate Professor, Sociology/Anthropology (1975)

Linda L. Jenkins-Taylor, M.S., Southern Illinois University, Instructor, Speech Communication (1988)

Dorothe L. Johnson, Adv.C., University of Illinois, Associate Professor, Leisure Studies (1968)

James K. Johnson, M.F.A., University of Kansas, Professor, Art* (1978)

Charles L. Joley, Ed.D., University of Illinois, Professor, Occupational Education (1970)

Annie Lee Jones, Ph.D., University of Michigan, Professor, Leisure Studies (1972)

Johnetta Jones, M.A., Southern Illinois University, Assistant Professor, Sociology/Anthropology (1977)

James Jordan-Wagner, Ph.D., University of North Texas, Assistant Professor, Accountancy and Finance (1990)

Julia Jorgensen, Ph.D., Princeton, Assistant Professor, Psychology (1992)

Robert B. Jorstad, Ph.D., University of Idaho, Associate Professor, Geology/Geography (1982)

Alphonso Joyner, J.D., Howard University, Associate Professor, Management/Marketing (1985)

K

Ebrahim Karbassioon, Ph.D., University of Nebraska, Lincoln, Professor, Economics* (1980)

Robert H. Karraker, Ph.D., Iowa State University, Professor, Chemistry (1967)

Mahmoud Kashefi, Ph.D., Indiana University, Assistant Professor, Sociology/Anthropology (1990)

Mark J. Kasper, Ed.D., Columbia University, Assistant Professor, Physical Education (1992)

Yunus Kathawala, Ph.D., University of Georgia, Professor, Computer and Operations Management* (1982)

Susan J. Kaufman, Ph.D., Indiana State University, Associate Professor, Journalism (1986)

Lynda L. Kayser, Ed.D., University of Maine, Associate Professor, Educational Psychology and Guidance (1984)

Ellen A. Keiter, Ph.D., University of Illinois, Associate Professor, Chemistry (1977)

Richard L. Keiter, Ph.D., University of Maryland, Professor, Chemistry (1969)

Barbara E. Kemmerer, Ph.D., University of Nebraska, Assistant Professor, Management/Marketing (1990)

Robert C. Kennedy, M.A., Western Illinois University, Instructor, History (1991) (Part-time)

Karen J. Ketler, Ph.D., Kent State University, Assistant Professor, Computer and Operations Management (1988)

Newton E. Key, Ph.D., Cornell University, Assistant Professor, History (1989)

Belayet Khan, Ph.D., University of Pittsburgh, Associate Professor, Geology/Geography (1983)

John Kilgore, Ph.D., University of California, Irvine, Professor, English (1979)

Eonsoo Kim, Ph.D., University of Illinois, Assistant Professor, Management/Marketing (1992)

Albert J. Kinderman, Ph.D., University of Minnesota, Professor, Mathematics (1991) (Part-time)

Linda J. Kirby, M.S.Ed., Eastern Illinois University, Instructor, Special Education (1991) (Part-time)

William G. Kirk, Ph.D., University of Kansas, Professor, Psychology (1975)

Jay Kitterman, M.S.Ed., Northern Illinois University, Instructor, Home Economics (1991) (Part-time)

Elizabeth Klein, M.A., Columbia University, Instructor, English (1990)

Raymond L. Koch, Ph.D., University of Minnesota, Associate Professor, History (1966)

Karl-Ludwig Konrad, M.A., University of Washington, Associate Professor, Foreign Languages (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, Assistant Professor, English (1990)

Kathleen Kottwitz, M.S.Ed., Eastern Illinois University, Instructor, Business Education and Administration Information (1992)

Helen J. Krehbiel, Ph.D., University of Illinois, Assistant Professor, Music (1988)

Claire E. Krukenberg, Ph.D., University of Illinois, Professor, Mathematics (1968)

Kipp Kruse, Ph.D., University of Nebraska, Professor, Zoology (1979)

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L

Thomas L. LaClaire, M.S., Eastern Michigan, Assistant Professor, Psychology (1991)

Marta J. Ladd, M.A., Eastern Illinois University, Assistant Professor, Journalism (1986)

Jon M. Laible, Ph.D., University of Illinois, Professor, Mathematics (1964)

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Janet M. Lambert, Ed.D., Oregon State University, ~~Assistant~~ Professor, Elementary and Junior High School Education (1988) Associate

Bert A. Landes, M.A.T., Colorado State University, Assistant Professor, Zoology (1967)

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Stephen F. Laribee, D.B.A., Kent State University, Professor, Accountancy and Finance (1989)

Herbert Lasky, Ph.D., New York University, Professor, History (1966)

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Abdul Lateef, Ph.D., Southern Illinois University, Professor, Political Science (1968)

Richard W. Lawson, Ph.D., Indiana University, Associate Professor, Secondary Education and Foundations (1964)

Walter S. Lazenby, Jr., Ph.D., Indiana University, Professor, English (1969)

Linda Leal, Ph.D., Tulane University, Associate Professor, Psychology (1985)

Ronald M. Leathers, M.S., Indiana State University, Associate Professor, English (1965)

Michael Leddy, Ph.D., Boston College, Associate Professor, English (1985)

William L. Legg, M.S., West Virginia University, Lecturer, Intercollegiate Athletics (1989)

Peter R. Leigh, Ph.D., University of Southern California, Professor, Political Science (1969)

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)

Michael B. Leyden, D.Ed., University of Florida, Professor, Elementary and Junior High School Education (1970)

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Marylin Lisowski, Ph.D., Ohio State University, ~~Associate~~ Professor, Elementary and Junior High School Education (1987)

Gwen G. Little, M.S.Ed., Eastern Illinois University, Instructor, Physical Education (1987)

Ping Liu, Ph.D., Iowa State University, Assistant Professor, Technology (1991)

Carl L. Lorber, M.B.A., Sangamon State University, Assistant Professor, Library (1988)

Michael D. Loudon, Ph.D., State University of New York, Buffalo, Associate 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, Associate Professor, Business Education and Administrative Information Systems (1989)

Judith W. Lyles, Ed.D., University of Illinois, Assistant Professor, Educational Psychology and Guidance (1991)

Jeffrey P. Lynch, M.A., University of Dayton, Associate Professor, English (1976)

M

Fredrick W. MacLaren, Ph.D., University of Oklahoma, Professor, Elementary and Junior High School Education (1961) (Part-time)

Mary C. Maddox, M.F.A., University of Iowa, Instructor, English (1979)

Matthew J. Madigan, M.S., Eastern Illinois University, Faculty Assistant, Chemistry (1978)

Joanne Magalis, Ph.D., University of Illinois, Assistant Professor, Sociology/Angthropology (1971)

Harold A. Malehorn, Ph.D., Northwestern University, Professor, Elementary and Junior High School Education (1970)

Kimberly Mallory, M.B.A., University of Colorado, Instructor, Management/Marketing (1992)

Michael W. Mallory, B.S., University of Michigan, Lecturer, Intercollegiate Athletics (1991)

Robert L. Mandeville, D.B.A., George Washington University, Professor, Business (1992)

Carol A. Manhart, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)

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)

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, Associate Professor, English (1985)

Gail E. Mason, Ph.D., Indiana University, Associate Professor, Speech Communication (1989)

Timothy I. Mason, Ph.D., Indiana University, ~~Assistant~~ Professor, Economics (1989) Associate

Kenneth Matzner, Ph.D., University of Illinois, Associate Professor, Educational Psychology and Guidance (1984)

David J. Maurer, Ph.D., The Ohio State University, Professor, History* (1962)

Jamie A. Maya, Ph.D., University of Arizona, Associate Professor, Zoology (1966)

Patricia McAlister, D.Ed., Pennsylvania State University, Associate Professor, Home Economics (1976)

Joan M. McCausland, M.S., Eastern Illinois University, Instructor, Health Studies (1988) (Part-time)

Ralph E. McCausland, B.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1983)

Beryl F. McClerren, Ph.D., Southern Illinois University, Professor, Speech Communication (1964)

Jeffrey A. McClung, Ph.D., University of New Mexico, Assistant Professor, Physical Education (1989)

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, Assistant Professor, English (1992)

John F. McElligott, Ph.D., New York University, Associate Professor, History (1967)

Lola A. McElwee, B.A., Eastern Illinois University, Lecturer, Journalism (1991)

Thaddeus McEwen, Ph.D., Southern Illinois University—Carbondale, Assistant Professor, Business Education and Administration Information (1992)

Harland G. McFarland, M.S.Ed., Southern Illinois University, Associate Professor, Physical Education (1970)

Jeanna K. McFarland, B.S., Southern Illinois University, Lecturer, Physical Education (1991)

James A. McGaughey, M.S., Eastern Illinois University, ~~Instructor,~~ Botany (1990) Assistant Professor

Kip McGilliard, Ph.D., University of Minnesota, Associate Professor, Zoology (1985)

William P. McGown, Ph.D., University of Southern Mississippi, Professor, Psychology (1970)

David G. McGrady, M.B.A., University of Texas, Instructor, Accountancy and Finance (1986)

Mark E. McGuire, Ph.D., University of Rochester, Associate Professor, Chemistry (1988)

John P. McInerney, M.S.Ed., Northern Illinois University, Instructor, Intercollegiate Athletics and Physical Education (1990)

Melanie B. McKee, Ph.D., Bowling Green State University, Associate Professor, Speech Communication (1985)

Lance J. McNamara, M.S., The Ohio University, Lecturer, Intercollegiate Athletics (1991)

Andrew D. McNitt, Ph.D., Michigan State University, Professor, Political Science (1977)

Jerry W. McRoberts, Ph.D., University of Illinois, Professor, Art (1963)

J. Earl McSwain, Ph.D., Florida State University, Associate Professor, Speech Communication (1973)

Robert E. Megginson, Ph.D., University of Illinois, Associate Professor, Mathematics (1983)

Robert E. Meier, Ph.D., University of Illinois, Professor, Computer and Operations Management (1964)

E. Randall Melvin, B.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1988)

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, Associate Professor, Botany (1987)

Teresa A. Metzger, M.S.Ed., Eastern Illinois University, Instructor, Student Teaching (1990)

Douglas K. Meyer, Ph.D., Michigan State University, Professor, Geology/Geography (1970)

Roy A. Meyerholtz, Ed.D., University of Northern Colorado, Professor, Mathematics (1961)

Stuart E. Michelson, Ph.D., University of Kansas, Assistant Professor, Accountancy and Finance (1991)

Eleanor E. Midkiff, Ph.D., University of Washington, Assistant 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, ~~Assistant~~ Professor, Zoology (1987) Associate

Charles E. Miller, Jr., M.S., Eastern Illinois University, Faculty Assistant, Physics (1967)

E. John Miller, Ph.D., Northwestern University, Associate Professor, Music (1986)

Patricia L. Miller, M.A., University of Illinois, Instructor, History (1985) (Part-time)

William D. Miller, Ph.D., University of Iowa, Professor, English (1963)

Timothy H. Mills, D.B.A., Louisiana Tech University, Assistant Professor, Accountancy and Finance (1989)

Al R. Moldroski, M.A., Michigan State University, Professor, Art (1963)

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, Associate Professor, Accountancy and Finance (1986)

James F. Moore, Ed.D., Loyola University, Instructor, Student Teaching (1991) (Part-time)

John D. Moore, Ph.D., University of Washington, Associate Professor, English (1985)

Neil E. Moore, Ed.S., University of Northern Colorado, Associate Professor, Physical Education (1970)

Shirley B. Moore, Ed.D., University of Northern Colorado, Professor, Psychology (1970)

Alfonso Morales-Front, A.M., University of Illinois, Instructor, Foreign Languages (1991)

George L. Morgan, B.A., Valparaiso University, Lecturer, Intercollegiate Athletics and Physical Education (1989)

Ali R. Moshtagh, Ph.D., University of Arkansas, ~~Assistant~~ Professor, Economics (1987) Associate

Tarcisio Mosnia, M.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics and Physical Education (1984)

Bruce B. Moss, Ph.D., The Ohio State University, ~~Assistant~~ Professor, Music (1990) Associate

Frances L. Murphy, Ph.D., Texas Woman's State University, Assistant Professor, Home Economics (1990)

Amy Beth Myers, M.A., Eastern Illinois University, Instructor, Economics (1983)

N

Robert M. Nading, B.A., Stephen F. Austin State University, Lecturer, Speech Communication (1990)

Jagdish L. Nanda, Ph.D., Indiana University, Professor, Mathematics (1964)

Karen S. Nantz, Ph.D., Brigham Young University, ~~Assistant~~ Professor, Business Education and Administrative Information Systems (1990) Associate

Sat P. Narang, M.S.L.S., University of Wisconsin, Associate Professor, Library (1969)

Shirley W. Neal, Ph.D., University of Illinois, Associate Professor, English (1968)

Howard F. Nelms, Ed.D., University of Northern Colorado, Professor, Technology (1970)

Michael C. Nibbelin, Ph.D., Florida State University, Assistant Professor, Accountancy and Finance (1991)

Lawrence R. Nichols, Ph.D., Duke University, Professor, History (1962)

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, Associate Professor, Art (1986)

Cheryl L. Noll, Ph.D., The Ohio State University, ~~Assistant~~ Professor, Business Education and Administrative Information Systems (1990) Associate

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, Elementary and Junior High School Education (1983)

O

Judy Oehler-Stinnett, Ph.D., University of Southern Mississippi, ~~Assistant~~ Professor, Psychology (1990) Associate

Frank Oglesbee, Ph.D., University of Missouri, Associate Professor, Speech Communication (1988)

Marilyn S. Oglesby, M.S.Ed., Eastern Illinois University, Assistant Professor, Management/Marketing (1969)

Mary L. Ohl, M.S., Eastern Illinois University, Instructor, Physical Education (1989)

Kathryn M. Olsen, M.A., Eastern Illinois University, Instructor, English (1988)

Lori A. Opp, M.S., Western Illinois University, Lecturer, Intercollegiate Athletics and Physical Education (1990)

Kenneth R. Osborne, M.S., Eastern Illinois University, Faculty Assistant, Chemistry (1978)

A. Anthony Oseguera, Ph.D., University of Missouri, Columbia, Professor, Speech Communication (1980)

Paul D. Overton, Ed.D., University of Northern Colorado, Professor, Educational Psychology and Guidance* (1962)

Jill Owen, M.S., Eastern Illinois University, Instructor, Physical Education (1988)

S. Jayne Ozier, Ph.D., Florida State University, Professor, Home Economics (1970)

Gregory A. Ozimek, M.A., Eastern Illinois University, Instructor, Economics (1990)

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, Assistant Professor, Physics (1990)

Frank E. Parcells, Ph.D., Southern Illinois University, Professor, Speech Communication (1980)

Judith S. Parker, M.S.Ed., Eastern Illinois University, Instructor, Student Teaching (1989)

Anneliese Payne, M.S.Ed., Eastern Illinois University, Instructor, Student Teaching (1990)

Stephen L. Payne, Ph.D., Arizona State University, Professor, Lumpkin College of Business (1989)

Charles L. Pederson, Ph.D., University of North Dakota, ~~Assistant~~ Professor, Botany (1989) Associate

Elizabeth M. Perine, M.Ed., Penn State University, Lecturer, Intercollegiate Athletics (1991)

Terry Perkins, Ph.D., University of Kansas, Professor, Speech Communication (1979)

Raymond N. Phelfer, Ph.D., Indiana University, Associate Professor, Geology/Geography (1984)

William L. Phillips, Ed.D., University of Southern Mississippi, ~~Assistant~~ Professor, Special Education (1988) Associate

Ann E. Pierce, M.A., University of Maryland, Instructor, Special Education (1989)

Clay L. Pierce, Ph.D., University of Maryland, Assistant Professor, Zoology (1989)

Gerald Pierson, M.S.Ed., Eastern Illinois University, Associate Professor, Secondary Education and Foundations (1963) (Part-time)

Barbara L. Poole, Ph.D., Kent State University, Assistant Professor, Political Science (1989)

Brian Poulter, M.F.A., University of Wisconsin, Assistant Professor, Journalism (1992)

Barbara M. Powell, M.A.Ed., University of Illinois, Instructor, Educational Psychology and Guidance (1992)

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)

Q

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, Associate Professor, English (1984)

Mushfequr Rahman, Ph.D., McGill University, Professor, Mathematics (1967)

Elizabeth A. Ralston, M.A., University of Wisconsin, Oshkosh, Lecturer, Intercollegiate Athletics and Physical Education (1983)

Terry L. Ramsey, M.S., Rochester Institute of Technology, Faculty Assistant, College of Liberal Arts and Sciences (1990)

Evelyn N. Ransom, Ph.D., University of Illinois, Professor, English (1970)

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)

John J. Rearden, Ph.D., Oklahoma State University, Professor, Psychology (1968)

Phyllis C. Rearden, C.A.S., University of Illinois, Associate Professor, Library (1970)

Alberta A. Reed, M.S., Chicago State University, Instructor, Mathematics (1990)

John D. Reed, Ph.D., Southern Illinois University, Professor, Journalism* (1972)

Denise Rehm-Mott, M.F.A., Indiana University, Associate Professor, Art (1984)

Linda M. Reven, Ph.D., Ohio University, Assistant Professor, Elementary and Junior High School Education (1990)

Barry D. Riccio, Ph.D., University of California, Berkeley, Assistant Professor, History (1991)

Priscilla Rice-Pitts, Ph.D., University of Iowa, Assistant Professor, Physical Education (1989)

Gail Richard, Ph.D., Southern Illinois University, Associate Professor, Communication Disorders and Sciences (1981)

Ray E. Richardson, M.S., Eastern Illinois University, Instructor, Technology (1987)

Sandra K. Ricketts, M.S.Ed., Illinois State, Instructor, Student Teaching (1990)

Bill T. Ridgeway, Ph.D., University of Missouri, Professor, Zoology (1966)

Leta Ridgeway, Ed.S., Eastern Illinois University, Associate Professor, Library (1971)

Ruth A. Riegel, M.A., Eastern Illinois University, Instructor, English (1981)

Carol P. Ries, Ph.D., University of Illinois, Associate Professor, Home Economics (1985)

Foster C. Rinefort, Ph.D., Texas A & M University, Associate Professor, Management/Marketing (1981)

Dana J. Ringuette, Ph.D., University of Washington, Assistant Professor, English (1990)

William Roberts, M.S., Purdue University, Instructor, Psychology (1978) (Part-time)

Glenn Robinson, M.A., Ball State University, Assistant Professor, Journalism (1986)

Timothy J. Roden, M.M., Northwestern University, Instructor, Music (1989)

Donald L. Rogers, Ed.D., University of Nebraska, Professor, Secondary Education and Foundations (1963) (Part-time)

Ferne M. Rogers, M.A., Eastern Illinois University, Instructor, Speech Communication (1981)

Richard E. Rogers, Ph.D., Indiana University, Professor, English (1969)

Gregory S. Ronsse, Ph.D., Kansas State University, Assistant Professor, Mathematics (1984)

Jane M. Rood, M.A., Eastern Illinois University, Instructor, Mathematics (1978)

Ira Rosenholtz, Ph.D., University of Wisconsin, Professor, Mathematics* (1990)

John A. Ross, B.S., University of Wisconsin, Lecturer, Intercollegiate Athletics (1991)

Christie L. Roszkowski, J.D., University of Illinois, Assistant Professor, Management/Marketing (1988)

Al G. Rundle, M.A., University of Denver, Associate Professor, Speech Communication (1963) (Part-time)

Joy L. Russell, M.S.Ed., Eastern Illinois University, Instructor, Special Education (1985) (Part-time)

John M. Ryan, M.S., University of Illinois, Assistant Professor, Journalism (1985)

S

Joseph M. Sain, B.A., Eastern Illinois University, Faculty Assistant, Theatre Arts (1977)

Robert E. Saltmarsh, Ed.D., Indiana University, Professor, Educational Psychology and Guidance (1969)

Rick Samuels, M.Ed., Eastern Washington State College, Lecturer, Intercollegiate Athletics and Physical Education (1980)

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)

Karen J. Sanders, M.M., University of Wisconsin, Professor, Music (1966)

Ronald K. Satterfield, M.B.A., Indiana University, Instructor, Computer and Operations Management (1992)

Karen A. Schlauch, M.A., Eastern Illinois University, Instructor, Mathematics (1991)

Wolfgang T. Schlauch, Ph.D., University of Freiburg, Professor, History (1969)

George Schlinsog, D.Ed., University of Oregon, Professor, Elementary and Junior High School Education (1967)

Rosemary Schmalz, Ph.D., Florida State University, Associate Professor, Mathematics (1987)

Joan K. Schmidt, M.S.Ed., Northern Illinois University, Assistant Professor, Physical Education (1970)

Carol E. Schmudde, Ph.D., University of Pittsburgh, Professor, English (1966)

Debra Schoepke, M.A., Northern Illinois University, Instructor, English (1991)

Gene W. Scholes, Ph.D., Southern Illinois University, Professor, Library (1966)

Estelle C. Scifres, Ed.D., Indiana University, Associate Professor, Elementary and Junior High School Education (1990)

Thomas Scism, Ph.D., University of North Carolina, Associate Professor, Political Science (1968)

William W. Scott, Ph.D., University of Michigan, Professor, Botany (1968) (Part-time)

William J. Searle, Ph.D., Purdue University, Professor, English (1976)

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)

Salisa H. Shook, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)

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, Home Economics (1987)

Allen W. Smith, Ph.D., Indiana University, Professor, Economics (1970)

Bradley W. Smith, M.S., Eastern Illinois University, Instructor, Zoology (1990)

Calvin N. Smith, Ph.D., Purdue University, Professor, Speech Communication (1965)

Don G. Smith, Ph.D., Southern Illinois University, Assistant Professor, Secondary Education and Foundations (1990)

John B. Smith, B.S., University of Wisconsin, Lecturer, Intercollegiate Athletics (1987)

P. Scott Smith, Ph.D., Cornell University, Professor, Physics (1953) (Part-time)

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, Instructor, Communication Disorders and Sciences (1991)

Robert E. Snyder, Ph.D., University of Iowa, Professor, Music (1969)

Walter Sorge, Ed.D., Columbia University, Professor, Art (1970)

John M. Speer, Ph.D., The Ohio State University, Professor, Botany (1969)

Norman R. Spencer, Ph.D., University of Illinois, Assistant Professor, Foreign Languages (1988)

Walter B. Spencer, Ph.D., Baylor University, Professor, Psychology (1971)

Robert A. Spoo, M.S.Ed., Purdue University, Lecturer, Intercollegiate Athletics (1987)

P. Gordon Sroufe, M.S., Indiana State University, Assistant Professor, Speech Communication (1991)

Patricia Stein, Ed.D., University of Georgia, Assistant Professor, Home Economics (1989)

Veronica P. Stephen, Ph.D., University of Illinois, Assistant Professor, Elementary and Junior High School Education (1990)

Mary A. Stephenson, M.S., Eastern Illinois University, Instructor, Elementary and Junior High School Education (1991)

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)

Terry A. Stinnett, Ph.D., University of Southern Mississippi, Assistant Professor, Psychology (1990)

Frank C. Stokes, Ph.D., University of Illinois, Professor, English (1969)

Leonard Storm, Ph.D., University of Illinois, Professor, Physics (1979)

Gayle G. Strader, M.S.Ed., University of Illinois, Associate Professor, Home Economics (1965)

Clifford E. Strandberg, Ed.D., Texas A&M University, Professor, Technology (1965)

James F. Stratton, Ph.D., Indiana University, Professor, Geology/Geography (1975)

Paul G. Straub, Ph.D., University of Illinois, Instructor, Economics (1991)

Duangrudi Suksang, Ph.D., University of Iowa, Assistant Professor, English (1989)

Francis E. Summers, Ed.D., University of Illinois, Professor, Student Teaching* (1965)

L. Donald Sundheim, M.A., University of Minnesota, Associate Professor, Foreign Languages (1968)

Pamela J. Sundheim, M.S.Ed., Eastern Illinois University, Instructor, Foreign Languages (1988) (Part-time)

Ronald I. Sutliff, Ph.D., Purdue University, Associate 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)

Charles Switzer, Ph.D., Michigan State University, Professor, English (1966) (Part-time)

Stephen R. Swords, Ph.D., University of Colorado, Assistant Professor, English (1990)

Richard A. Sylvia, Ph.D., New York University, Associate Professor, English (1986)

T

Henry A. Taitt, Ph.D., University of Illinois, Associate Professor, Elementary and Junior High School Education (1988)

Nancy P. Taitt, Ph.D., University of Illinois, Professor, Mathematics (1969)

Karen L. Taylor, Ph.D., Harvard, Assistant Professor, Foreign Language (1992)

Herman D. Taylor, A. Mus.D., University of Michigan, Professor, Music* (1990)

William F. Thompson, Ph.D., University of Arkansas, Associate Professor, Economics (1981)

Laurence C. Thorsen, Ph.D., University of Illinois, Professor, Political Science (1968)

James A. Tidwell, J.D., University of Louisville, Associate Professor, Journalism (1987)

Charles Titus, M.A., Eastern Illinois University, Instructor, History (1972)

Morteza Toosi, Ph.D., Southern Illinois University, Associate Professor, Technology (1986)

Donald C. Tracy, M.M., University of Michigan, Professor, Music (1968)

Rebecca J. Trammel, M.S., Eastern Illinois University, Instructor, Communication Disorders and Sciences (1990)

Julie C. Tresnak, Ph.D., University of Illinois, Assistant Professor (1992)

Efraim Turban, Ph.D., University of California, Professor, Lumpkin College of Business (1989)

V

Mary E. Varble, Ph.D., Indiana State University, Assistant Professor, Elementary and Junior High School Education (1988)

Tammy F. Veach, M.A., Eastern Illinois University, Instructor, English (1988)

Wendy Hamand Venet, Ph.D., University of Illinois, Associate Professor, History (1985)

Jane A. Vieth, Ed.D., Southern Illinois University, Edwardsville, Assistant Professor, Elementary and Junior High School Education (1991)

Stuart P. Vincent, M.S.Ed., University of Omaha, Associate Professor, Elementary and Junior High School Education (1967)

Peter M. Voelz, Ph.D., University of Michigan, Associate Professor, Journalism (1978)

W

Abu N. M. Wahid, Ph.D., University of Manitoba, Assistant Professor, Economics (1988)

Christopher Waldrep, Ph.D., The Ohio State University, Assistant Professor, History (1990)

Barbara A. Walker, Ph.D., Southern Illinois University, Associate Professor, Health Studies (1986)

C. Lankford Walker, Ph.D., University of Georgia, Associate Professor, Accountancy and Finance (1987)

Ronald G. Wallace, Ph.D., The Ohio State University, Professor, Geology/Geography (1970)

John A.J. Walstrom, Ph.D., University of Nebraska, Professor, Computer and Operations Management (1984)

Richard A. Wandling, Ph.D., Miami University, Assistant Professor, Political Science (1987)

Paul L. Ward, Ph.D., The Ohio State University, Professor, Educational Psychology and Guidance (1967)

Tommy L. Waskom, Ph.D., Texas A ¿ M University, Associate Professor, Technology (1985)

Charlotte Wasson, M.S., Eastern Illinois University, Assistant Professor, Communication Disorders and Sciences (1985)

Joseph S. Wasz, B.S., Purdue University, Instructor, Computer and Operations Management (1992)

Charles W. Watson, M.A., Western Kentucky State College, Assistant Professor, Technology (1965)

Jane P. Wayland, Ph.D., University of North Texas, Assistant Professor, Mangement/Marketing (1991)

Robert F. Wayland, Ph.D., University of North Texas, Assistant Professor, Management/Marketing (1991)

Carl E. Weaver, M.S., University of Illinois, Instructor, Mathematics (1985)

Margaret L. Weaver, Ph.D., University of Illinois, Associate Professor, Mathematics (1980)

David D. Weber, M.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics and Physical Education (1987)

Karyn L. Weber, M.S., Eastern Illinois University, Instructor, Physical Education (1989)

Mary L. Weber, M.S., University of California, Associate Professor, Physical Education (1970)

William V. Weber, Ph.D., University of Kansas, Associate Professor, Economics (1988)

Marilen Wegner, M.Ed., National College of Education, Instructor, English (1988)

Terry M. Weidner, Ph.D., The Ohio State University, Professor, Botany (1964)

Nancy Weiler, Ph.D., University of Illinois, Professor, Communication Disorders and Sciences (1969)

William A. Weiler, Ph.D., Purdue University, Professor, Botany (1969)

Mark Weisbrot, A.M., University of Michigan, Instructor, Economics (1990)

Ralph B. Weller, Ph.D., University of Nebraska, Associate Professor, Management/Marketing (1983)

John A. Whisler, M.A.L.S., University of Iowa, Associate Professor, Library (1981)

Karen L. Whisler, M.L.S., University of Hawaii, M.A., Eastern Illinois University, Assistant Professor, Library (1987)

Richard A. White, Ed.D., University of Illinois, Professor, Elementary and Junior High School Education (1969)

L. Stephen Whitley, Ph.D., Purdue University, Professor, Zoology (1963)

Roger L. Whitlow, Ph.D., St. Louis University, Professor, English (1967)

Robert L. Whittenbarger, Ph.D., University of Wisconsin, Professor, Sociology/Anthropology* (1975)

Earnest B. Whitworth, M.F.A., Rutgers University, Assistant Professor, Art (1987)

Carl E. Wilen, M.F.A., University of Illinois, Professor, Art (1965)

Marilyn L. Wilkins, Ed.D., University of North Dakota, Professor, Business Education and Administrative Information Systems (1983)

Erma Jean Williams, Ph.D., Southern Illinois University, Associate Professor, Student Teaching (1981)

Larry J. Williams, Ph.D., University of Illinois, Professor, Mathematics (1964)

Keith M. Wilson, Ph.D., Georgia State University, Instructor, 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) (Part-time)

Robert C. Wiseman, Ed.D., Indiana University, Professor, Technology (1958)

Roy Wittke, B.S., University of Wisconsin, Lecturer, Intercollegiate Athletics (1990)

Mary D. Wohlrabe, Ed.D., Illinois State University, Associate Professor, Journalism (1981)

Ronald T. Wohlstein, Ph.D., University of Illinois, Professor, Sociology/Anthropology (1970)

Barbara A. Woike, M.A., Michigan State University, Assistant Professor, Psychology (1992)

Keith Wolcott, Ph.D., University of Iowa, Associate Professor, Mathematics (1988)

Deborah Wolf, Ph.D., University of Illinois, Instructor, Physical Education (1987)

David W. Wolski, M.F.A., Michigan State University, Assistant Professor, Theatre Arts (1991)

Jean K. Wolski, M.A., University of Iowa, Instructor, Theatre Arts (1992)

Larry E. Wood, M.S., Kansas State University, Assistant Professor, Audio Visual Center (1989)

M. Thomas Woodall, Ph.D., The University of Iowa, Professor, Physical Education (1965)

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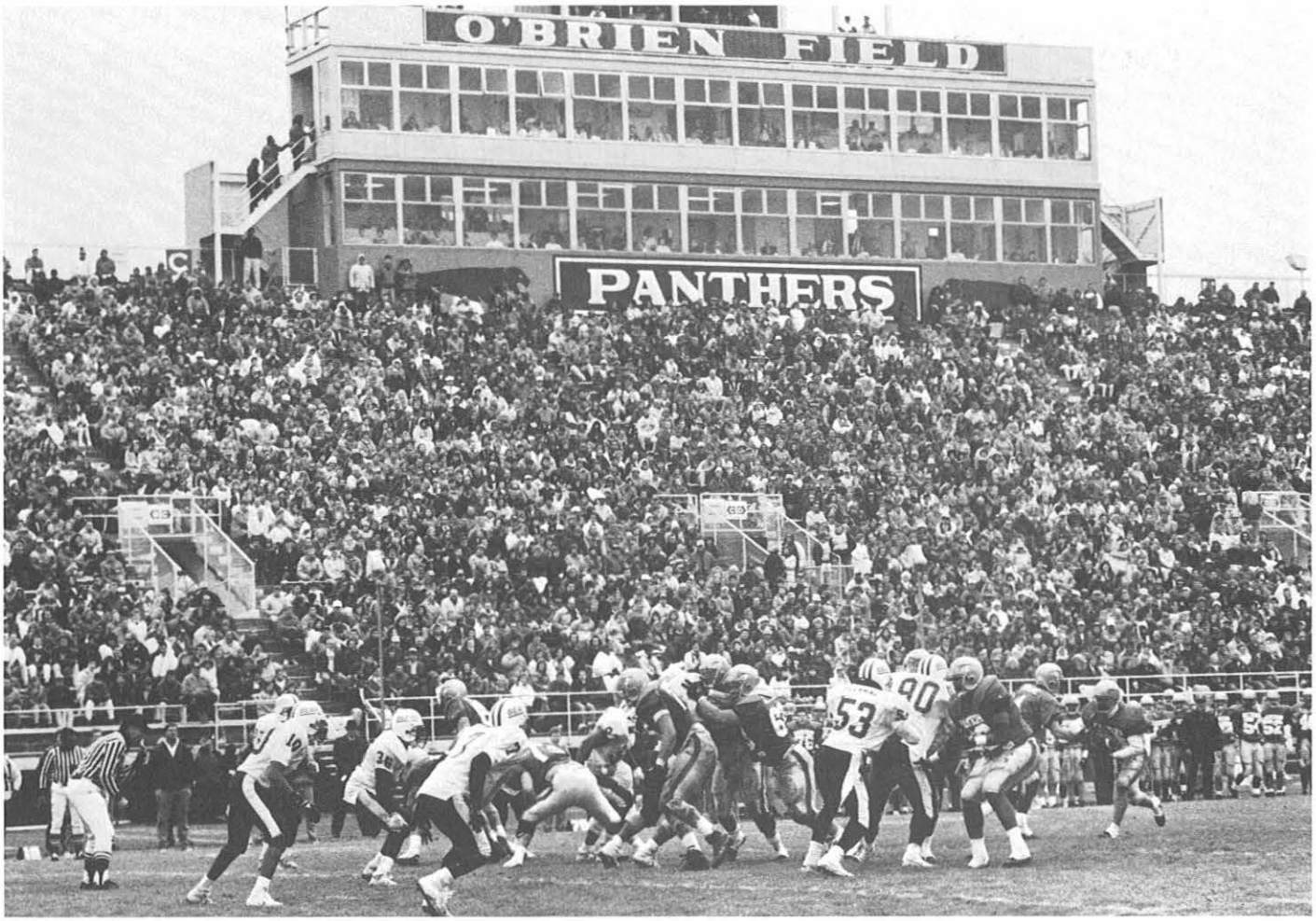

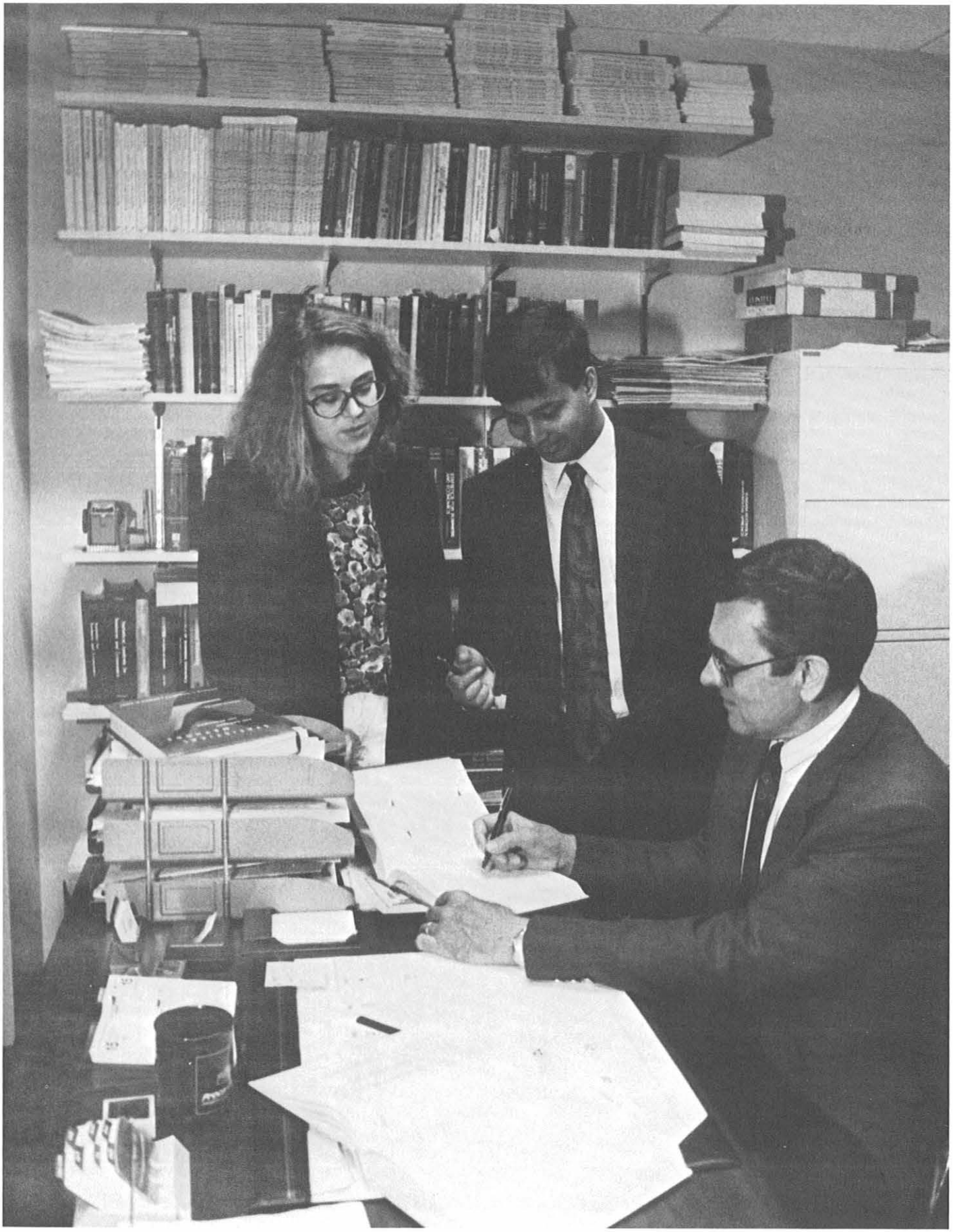

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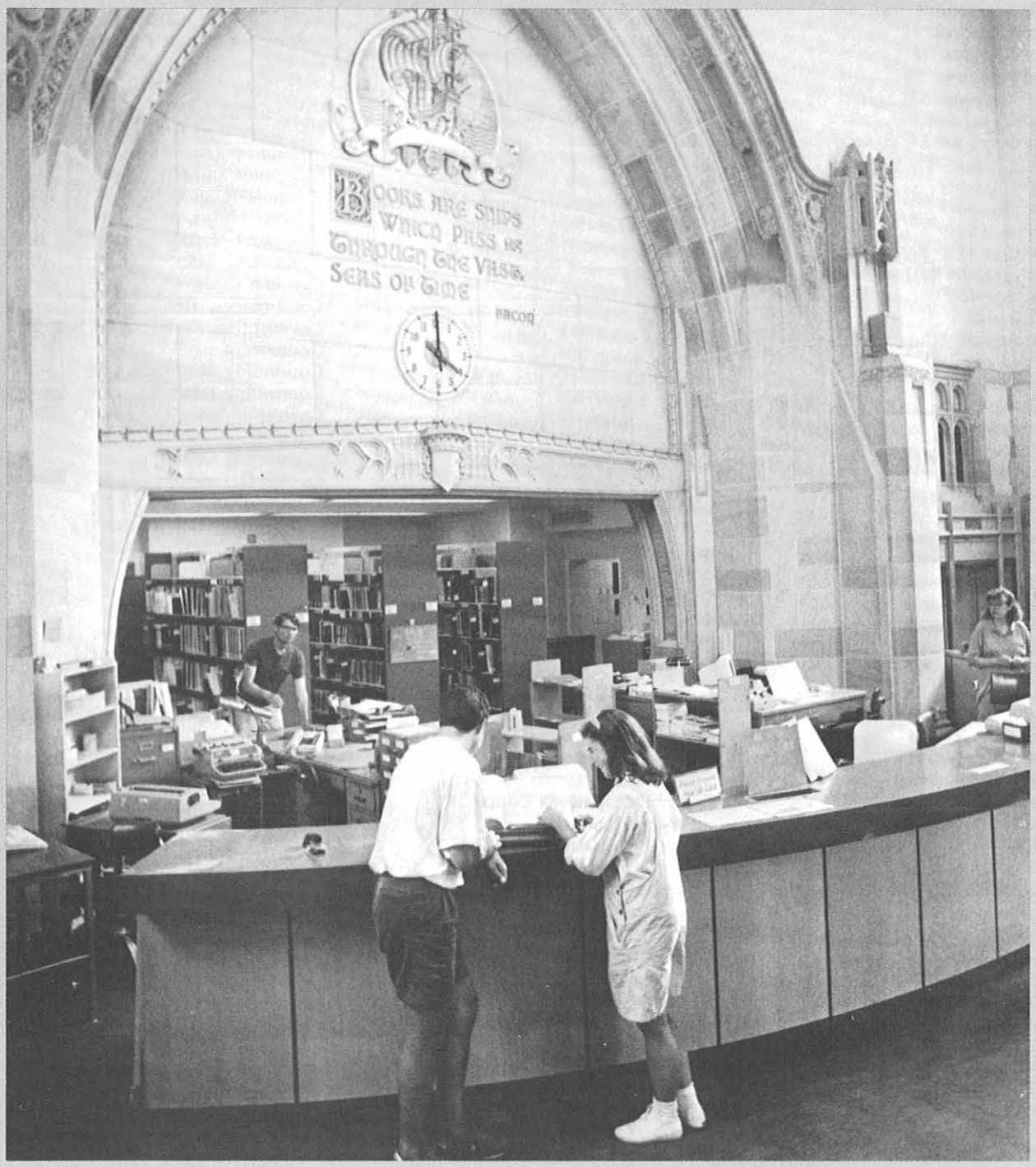
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IF YOU WISH INFORMATION...

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

Disability Services*
Office of Disability Services - (217)581-6583
Text Telephone for the Hearing Impaired - (217)581-3915

Housing
Director of Student Housing - (217)581-5111

Information
Telephone Numbers of Campus Offices - (217)581-5000

Military Scholarships
Director of Veterans Services - (217)581-3713

Placement
Director of Placement - (217)581-2411

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 Aids - (217)581-3713

Student Employment
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Student Insurance
Director of Financial Aids - (217)581-3713

Student Loans
Director of Financial Aids - (217)581-3713

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
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Workshops
School of Adult and Continuing Education - (217)581-5114

Admissions Office

800-252-5711
(Toll-free)

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