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Eastern Illinois University Undergraduate Catalog 1989 - 1990

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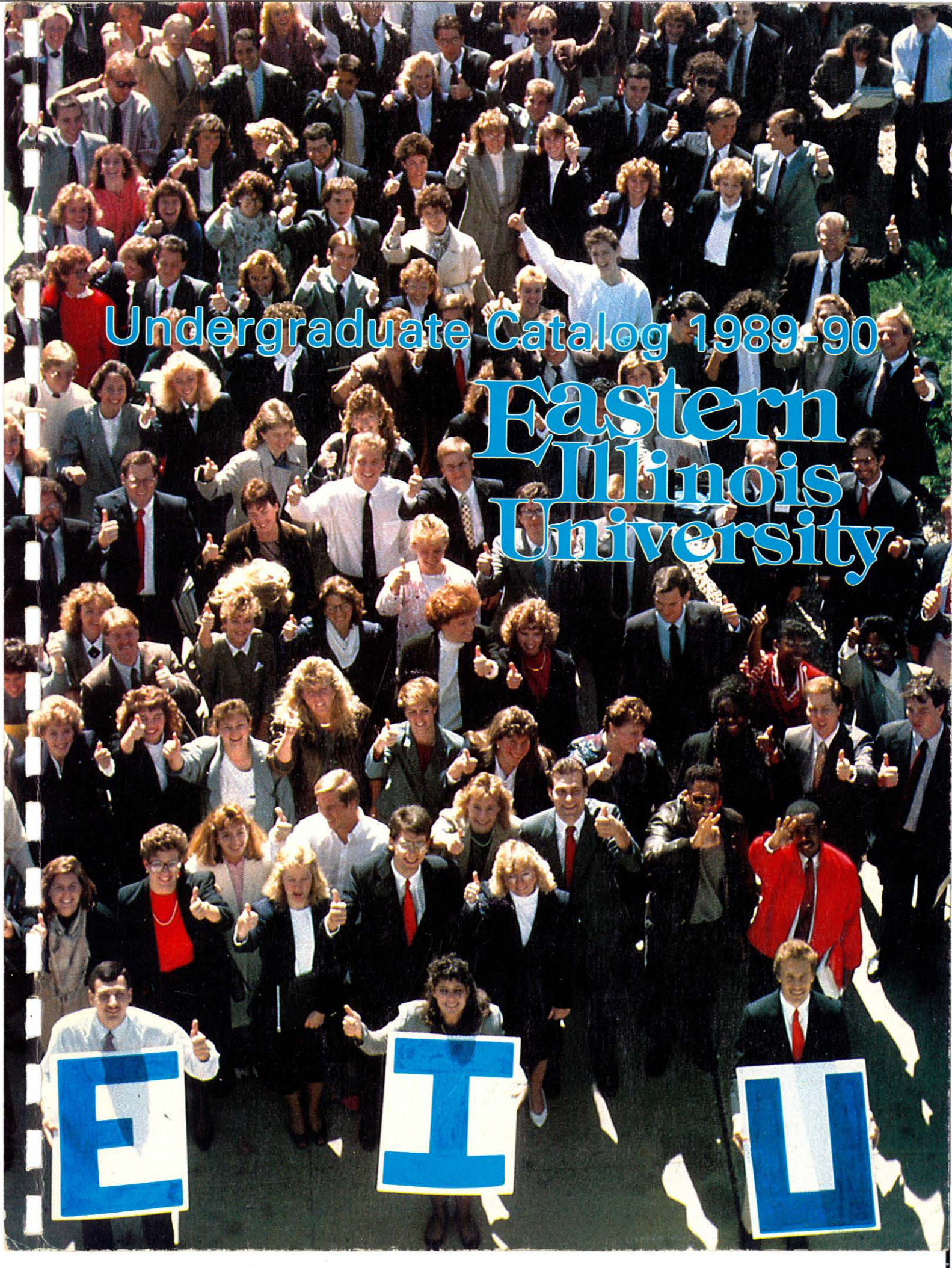
Undergraduate Catalog 1989-90
Eastern Illinois University
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The provisions of this catalog are not to be regarded as irrevocable contractual commitments between the University and the student. The University reserves the right to change any provision 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.

AFFIRMATIVE ACTION

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, national origin, ancestry, religion, age, sex, handicap, or status as a disabled veteran of the Vietnam era. 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.

RIGHT TO PRIVACY STATEMENT

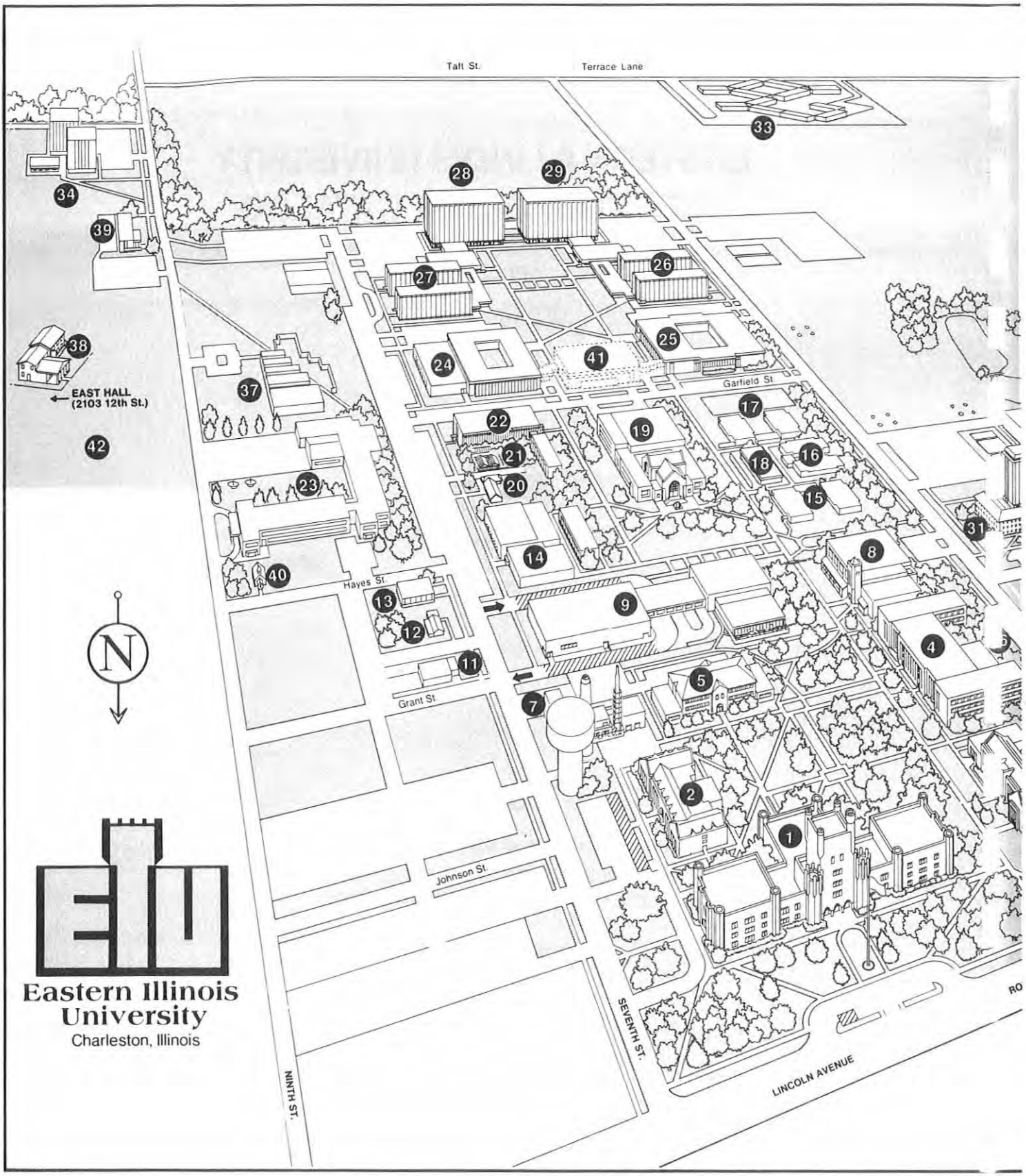
Eastern Illinois University has enacted a comprehensive policy protecting the privacy rights of students as required by the Educational and Privacy Act of 1974. Copies of the policy, "Privacy Rights of Eastern Illinois University Students," are available for inspection in the Office of University Relations.

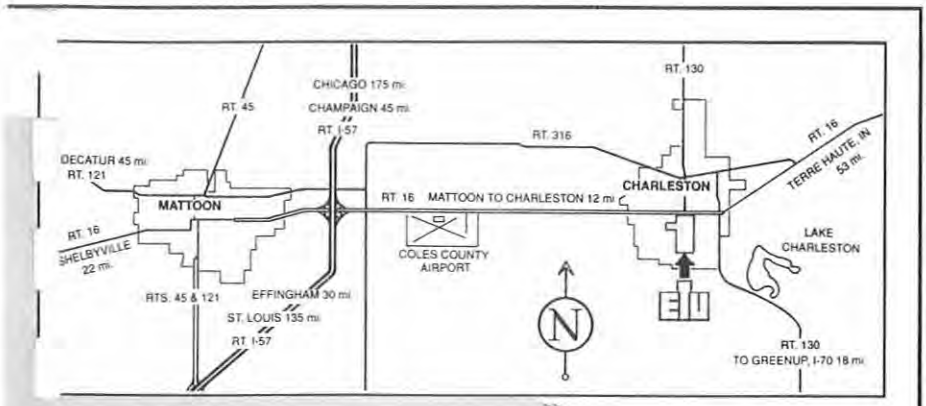
EASTERN ILLINOIS UNIVERSITY
UNDERGRADUATE CATALOG

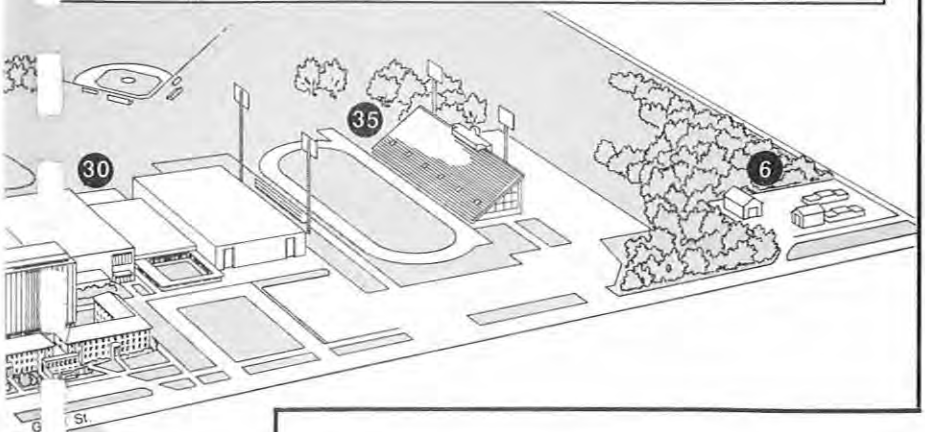
APRIL, 1989

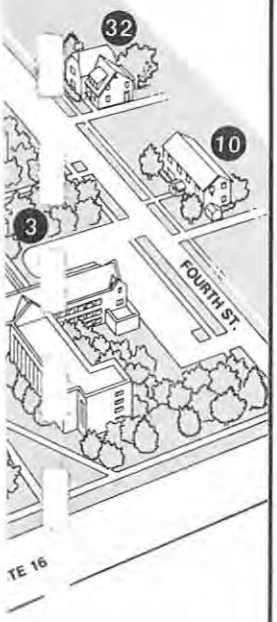
90th YEAR

THIS CATALOG INCLUDES INFORMATION CONCERNING
ADMISSION, ENROLLMENT, FEES, HOUSING,
PROGRAM AND COURSE OFFERINGS
FOR THE
ACADEMIC YEAR 1989-90
INCLUDING
SUMMER TERM OF 1989


Taft St.
Terrace Lane
Garfield St.
Hayes St.
Grant St.
Johnson St.
NINTH ST.
SEVENTH ST.
LINCOLN AVENUE
EAST HALL
(2103 12th St.)
N
Eastern Illinois University
Charleston, Illinois
VISITOR PARKING







CAMPUS GUIDE

1. OLD MAIN (Livingston C. Lord Administration Building):
Chief Administrative Offices (President/Vice Presidents); College of Liberal Arts and Sciences; Offices of Academic Development, 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):
Lumpkin College of Business; Departments of Business Education and Administrative Information Systems and Accountancy, Data Processing and Finance.

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:
Academic Assistance Center, Career Planning and Placement, Computer Services, Duplicating Services, Financial Aid, Camps and Conference Housing, Residence Hall Food Services, 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 Recreation Administration, Intercollegiate Athletics, and Department of Physical Education.

9. UNIVERSITY UNION (Martin Luther King, Jr. University Union):
Bookstore; Offices of Arrangements (Campus Scheduling), Housing, Union Business Operations, Student Activities. 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 Telephone Equipment/Staff.

12. BUZZARD HOUSE: Counseling Center

13. CLINICAL SERVICES BUILDING:
Health Service, Dental Clinic, Reading Clinic, Speech and Hearing Clinic; Department of Communication Disorders and Sciences.

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, Health Professions Studies.

23. BUZZARD BUILDING (Robert G. Buzzard Building):
College of Education; Offices of Daily Eastern News, Warbler, Radio-TV Center (WEIU-TV & WEIU-Radio); 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; Department of Home Economics and Technology; Offices of Occupational Education, Career Occupations, ROTC Program.

25. COLEMAN HALL (Charles H. Coleman Hall):
Department of Economics, English, Foreign Language, History, Philosophy, Political Science-Anthropology, Speech Communication, Management/Marketing.

26. TAYLOR HALL: Residence Hall

27. THOMAS HALL: 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, Recreation and Leisure Studies. Features include: fieldhouse and swimming pool.

31. LINCOLN-STEVENSON-DOUGLAS HALLS:
Residence Halls

32. BRAINARD HOUSE:
Office of Alumni Services, Development, and EIU Foundation.

33. UNIVERSITY APARTMENTS:
Apartments for married 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. NINTH STREET HALL: Residence Hall

40. GREENWOOD SCHOOL:
Restored historic country school.

41. COLEMAN PROPOSED ADDITION:
Will house the Lumpkin College of Business. Four levels will have 2 auditoriums, 4 microcomputer labs, 7 case study rooms, 4 departmental and 70 faculty offices, conferences and resource rooms, student and faculty lounges, and the dean's office. Completion is scheduled for early 1991.

42. GREEK COURTS (under construction):
First four fraternity and sorority houses are now being constructed. When completed over the next decade, the Court will provide around twenty 42-student houses.

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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.

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

EASTERN ILLINOIS UNIVERSITY
1989-90 ACADEMIC CALENDAR

Summer Term 1989 (Intersession)

Central Registration	May 5, 15
First Class Day	May 15
Begin Late Registration Fee	May 16
Last Day to Submit Add or Audit Requests	May 17
Last Day for Full Refund of Tuition and Fees (Except Insurance)	May 18
Last Day to Submit Credit/No Credit Requests	May 18
Last Day for Course Withdrawals Without Grades	May 18
Begin W for Course Withdrawals	May 19
Memorial Day Observance — No Classes	May 29
Last Day to Withdraw Credit/No Credit Requests	Jun 6
Last Day to Withdraw from Courses or University	Jun 6
Last Class Day	Jun 8
Final Examinations	Jun 8
Session Closes	Jun 9
Last Day to Apply or Reapply for Graduation	Jun 19
Commencement	Aug 6

(Five- & Eight-Week Sessions)

	Five-Week	Eight-Week
Last Day for Full Tuition and Fee Refund	Jun 9	Jun 9
Central Registration	Jun 12	Jun 12
Begin Late Registration Fee	Jun 13	Jun 13
First Class Day	Jun 13	Jun 13
Last Day to Submit Add or Audit Requests	Jun 15	Jun 15
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Jun 19	Jun 19
Last Day to Apply or Reapply for Graduation	Jun 19	Jun 19
Last Day to Submit Credit/No Credit Requests	Jun 19	Jun 19
Last Day for Course Withdrawals Without Grades	Jun 19	Jun 19
Begin W for Course Withdrawals	Jun 20	Jun 20
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Jun 26	Jun 26
Independence Day Observance	Jul 3, 4	Jul 3, 4
Makeup Day for Monday, July 3 Classes	Jul 7	Jul 7
Last Day for Grade Appeals	Jul 10	Jul 10
Last Day to Withdraw Credit/No Credit Requests	Jul 10	Jul 17
Last Day to Withdraw from Courses or University	Jul 10	Jul 17
Last Class Day	Jul 18	Aug 3
Commencement	Aug 6	Aug 6
Final Examinations	Jul 19	Aug 7, 8, 9
Session Closes	Jul 20	Aug 10

Fall Semester 1989

Last Day for Full Tuition and Fee Refund	Aug 18
Early Graduate Registration	Aug 19
Central Registration	Aug 21, 22
Late Registration Fee Begins	Aug 23
First Class Day	Aug 23
Last Day to Submit Add Requests	Aug 25
Last Day to Submit Audit Requests	Aug 29
Last Day to Apply or Reapply for Graduation	Sep 1
Labor Day Observance — No Classes	Sep 4
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Sep 6
Last Day to Submit Credit/No Credit Requests	Sep 6
Last Day for Course Withdrawals Without Grades	Sep 6
Begin W for Course Withdrawal	Sep 7
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Sep 20
Last Day for Grade Appeals	Sep 20
Mid-Term	Oct 13
Last Day for W For Course Withdrawals	Oct 23
Begin WP or WF for Course Withdrawals	Oct 24
Fall Recess	Oct 27
Last Day to Withdraw Credit/No Credit Requests	Nov 3
Last Day to Withdraw from Courses or University	Nov 3
Thanksgiving Recess	Nov 22 thru 26
Last Class Day	Dec 7
Study Day	Dec 8
Commencement	Dec 10
Final Examinations	Dec 9 thru 14
Semester Closes	Dec 16

Spring Semester 1990

Last Day for Full Tuition and Fee Refund	Jan 5
Early Graduate Registration	Jan 6
Central Registration	Jan 8, 9
Late Registration Fee Begins	Jan 10
First Class Day	Jan 10
Last Day to Submit Add Requests	Jan 12
King's Birthday Observance—No Classes	Jan 15
Last Day to Submit Audit Requests	Jan 16
Last Day to Apply or Reapply for Graduation	Jan 19
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Jan 24
Last Day to Submit Credit/No Credit Requests	Jan 24
Last Day for Course Withdrawals Without Grades	Jan 24
Begin W for Course Withdrawals	Jan 25
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Feb 7
Last Day for Grade Appeals	Feb 7
Lincoln's Birthday Observance—No Classes	Feb 12
Mid-Term	Mar 6
Last Day for W for Course Withdrawals	Mar 12
Begin WP or WF for Course Withdrawals	Mar 13
Spring Recess	Mar 24 thru Apr 1
Last Day to Withdraw Credit/No Credit Requests	Mar 23
Last Day to Withdraw from Courses or University	Mar 23
Last Class Day	May 3
Study Day	May 4
Final Examination Week	May 5 thru 10
Commencement	May 12
Semester Closes	May 12

Summer Term 1990 (Intersession)

Central Registration	May 4, 14
First Class Day	May 14
Late Registration Fee Begins	May 15
Last Day to Submit Add Requests	May 16
Last Day for Full Refund of Tuition and Fees (Except Insurance)	May 17
Last Day to Submit Audit or Credit/No Credit Requests	May 17
Last Day for Course Withdrawals Without Grades	May 17
Begin W for Course Withdrawals	May 18
Memorial Day Observance — No Classes	May 28
Last Day to Withdraw Credit/No Credit Requests	Jun 5
Last Day to Withdraw from Courses or University	Jun 5
Last Class Day	Jun 7
Final Examinations	Jun 7
Session Closes	Jun 8
Last Day to Apply or Reapply for Graduation	Jun 18
Commencement	Aug 5

(Five- & Eight-Week Sessions)

	Five-Week	Eight-Week
Last Day for Full Tuition and Fee Refund	Jun 8	Jun 8
Central Registration	Jun 11	Jun 11
Begin Late Registration Fee	Jun 12	Jun 12
First Class Day	Jun 12	Jun 12
Last Day to Submit Add Requests	Jun 14	Jun 14
Last Day for Full Refund of Tuition and Fees (Except Insurance)	Jun 18	Jun 18
Last Day to Apply or Reapply for Graduation	Jun 18	Jun 18
Last Day to Submit Audit or Credit/No Credit Requests	Jun 18	Jun 18
Last Day for Course Withdrawals without Grades	Jun 18	Jun 18
Begin W for Course Withdrawals	Jun 19	Jun 19
Last Day for 50% Refund of Tuition and Fees (Except Insurance)	Jun 25	Jun 25
Independence Day Observance — No Classes	Jul 4	Jul 4
Last Day for Grade Appeals	Jul 9	Jul 9
Last Day to Withdraw Credit/No Credit Requests	Jul 9	Jul 16
Last Day to Withdraw from Courses or University	Jul 9	Jul 16
Last Class Day	Jul 17	Aug 2
Study Day	———	Aug 3
Final Examinations	Jul 18	Aug 4, 6, 7
Commencement	Aug 5	Aug 5
Session Closes	Jul 19	Aug 9

BOARD OF GOVERNORS
OF STATE COLLEGES AND UNIVERSITIES

CHANCELLOR
Thomas D. Layzell

APPOINTED MEMBERS

James L. Althoff, McHenry	1985-1991
Dominick J. Bufalino, Norwood Park Township	1983-1989
Nancy H. Froelich, Lake Bloomington	1983-1989
James Garner, Macomb	1987-1993
William E. Hoffee, Fairfield	1983-1989
Evelyn Kaufman, LaSalle	1987-1993
Robert J. Ruiz, Chicago	1987-1993
Wilma J. Sutton, Chicago	1985-1991
D. Ray Wilson, Dundee	1985-1991

OFFICERS
Nancy H. Froelich, Chairman
James L. Althoff, Vice Chairman
Thomas D. Layzell, Secretary

STUDENT MEMBERS
David Dixon, Chicago State University
Patricia C. Kennedy, Eastern Illinois University
Edward J. Grein, Governors State University
Ronald Lange, Northeastern Illinois University
Heather Shiffer, Western Illinois University

EASTERN ILLINOIS UNIVERSITY
CHIEF ADMINISTRATIVE OFFICERS

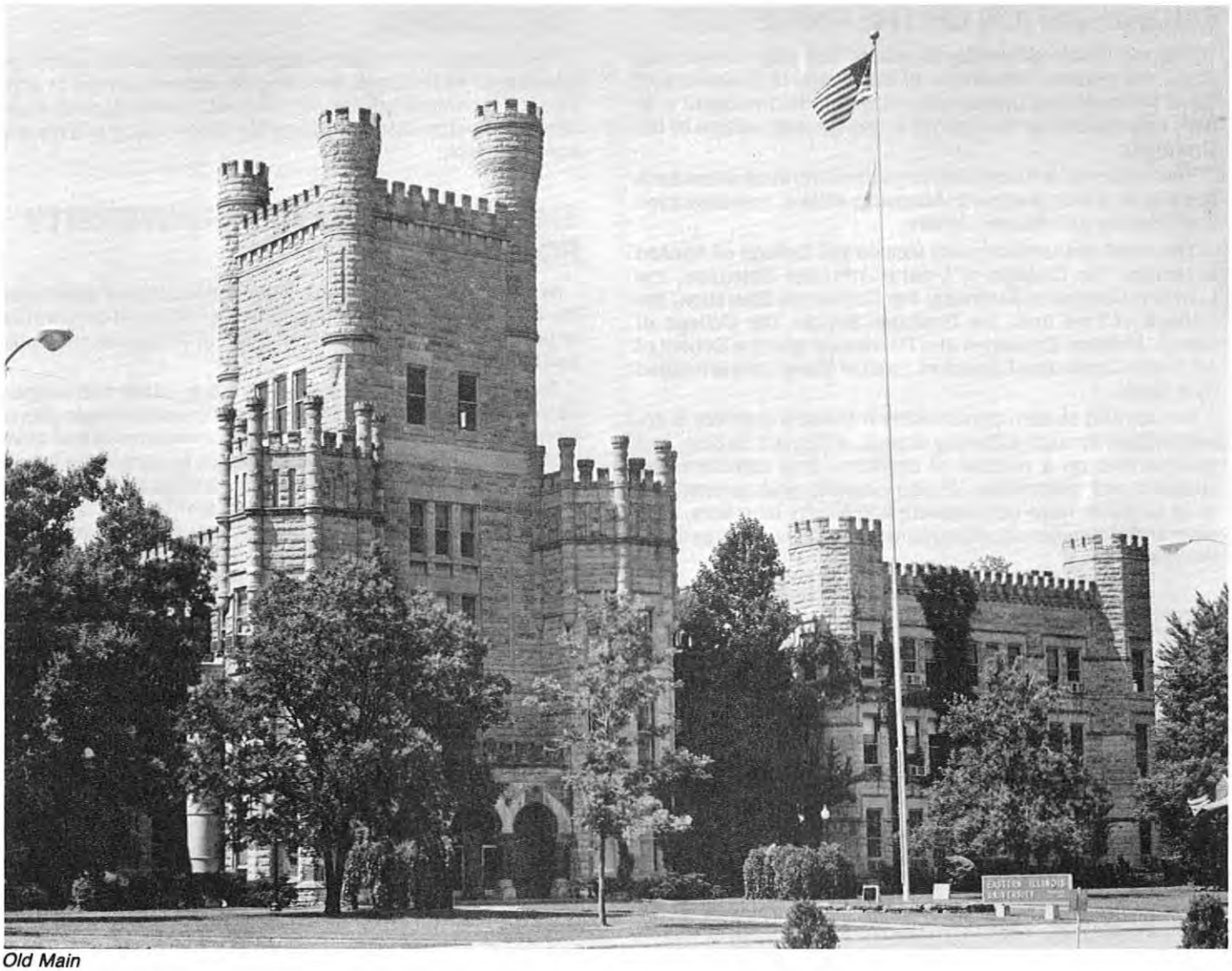
PRESIDENT
Stanley G. Rives

PROVOST and
VICE PRESIDENT FOR ACADEMIC AFFAIRS
Robert L. Kindrick

VICE PRESIDENT FOR ADMINISTRATION AND FINANCE
Verna L. Armstrong

VICE PRESIDENT FOR STUDENT AFFAIRS
Glenn D. Williams

SPECIAL ASSISTANT TO THE PRESIDENT AND DIRECTOR, UNIVERSITY RELATIONS
Daniel E. Thornburgh



Old Main

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 speech pathology and audiology are accredited by the American Speech-Language-Hearing Association. Eastern's Counseling Service is accredited by the International Association of Counseling Services.

I. GENERAL INFORMATION

PURPOSE

Since the time of its founding Eastern Illinois University has developed a comprehensive and stimulating curriculum which offers an education in the liberal arts and sciences and in professional areas. The primary aim of the University's program is to provide excellent instruction and an educational environment which will produce broadly educated, responsible citizens who are prepared to serve and to lead in a free society.

ORGANIZATION OF THE UNIVERSITY

Eastern Illinois University is one of five state universities under the general jurisdiction of the Board of Governors of State Colleges and Universities, to whom the President is finally responsible for the operation and general welfare of the University.

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

The chief instructional units include the College of Applied Sciences, the College of Liberal Arts and Sciences, the Lumpkin College of Business, the College of Education, the College of Fine Arts, the Graduate School, the College of Health, Physical Education and Recreation and the School of Adult and Continuing Education. Each of these units is headed by a dean.

Faculty and student participation in University affairs is accomplished through a Faculty Senate, a Student Senate, and membership on a number of academic and administrative councils and committees. These councils and committees, most of which have both student and faculty members, consider and recommend policies, curricula, 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 Interstate 57. Air transportation is provided daily to and from Chicago through the Coles County Airport.

HISTORY

Eastern Illinois State Normal School was established at Charleston, Illinois, by the Illinois General Assembly by an act approved May 22, 1895. In response to its changing role in higher education, the institution became Eastern Illinois State Teachers College (1921), Eastern Illinois State College (1947), and Eastern Illinois University (1957).

In 1907 the General Assembly granted to the institution the power of conferring degrees. The first master's degrees were awarded in 1952, and the first Specialist in Education Degree was awarded in 1966.

THE CAMPUS

The campus of the University is located on 316 acres and consists of 40 buildings, including 12 residence halls. In addition to the campus proper, the University owns wooded tracts near Charleston which are used for nature study and life science research.

THE EASTERN ILLINOIS UNIVERSITY FOUNDATION

In 1953 the Eastern Illinois Alumni Association sponsored the establishment of the Foundation, a non-profit corporation organized under the laws of the State of Illinois for charitable and educational purposes.

The objectives of the Foundation are to assist and support Eastern Illinois University by encouraging philanthropic gifts of money, property, works of art, historical documents and other materials of educational or artistic value; to participate in programs designed to enhance the educational activities of Eastern Illinois University and its students and faculty; to support projects which increase the research and public service opportunities available to students, faculty and staff members at Eastern Illinois University; and to promote and advance cultural and intellectual activities for members of the University community.

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

Recognizing the contribution that a body of truly interested alumni can make to the development of an institution of higher learning, the University has encouraged the growth of alumni organizations.

The EIU Alumni Association, Inc., established in 1905, is composed of persons who have received a diploma or degree from the institution, or who have completed a minimum of one term in good standing at Eastern Illinois University. Since all who have been students at Eastern, whether graduates or not, are eligible to participate in alumni activities, students now in school are encouraged to learn more about the alumni program.

All graduates and former students as described above are members in the Association. Those who make a contribution to the Eastern Illinois University Foundation at a specified level are active members of the Association.

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 of the Union.

- Activity Tickets
- ATM
- Bookstore
- Bowling
- Bus Tickets
- Camping Equipment Rental
- Check Cashing
- Craft Workroom
- Duplicating Center
- Food Service
- Fraternities & Sororities
- Housing
- Information
- Lobby Shop
- Lounges
- Meeting Rooms
- Minority Programming
- Student Faculty Boards
- Student Government
- Student Legal Service
- Television Lounges
- University 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 forensic 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: Illinois Intercollegiate Debate League; Illinois Intercollegiate Oratorical Association; Interstate Oratorical Association; American Forensic Association; and Delta Sigma Rho, a national honorary forensic fraternity.

STUDENT ACTIVITIES

Student-Faculty Boards

Student members of the student-faculty boards are appointed by the Student Body President with consent of the Student Senate; faculty members are appointed by the Faculty Senate. The Executive Vice President of the Student Body and the Director of Student Activities or his/her representative, are ex officio members of all boards. The boards are as follows: Apportionment, Art, Health Services, Players, WEIU-FM Radio, Recreational Sports, Student Senate, *Warbler* and *Daily Eastern News* Student Publications.

University Board

The officers and coordinators of the University Board are selected by the University Board and approved by the Student Senate. The committees are Concerts (the Parents' Weekend Show and other major concerts), Performing Arts (approximately six outstanding fine-arts performers 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 every week of the school year), Special Events (including camping equipment rental, ice cream socials, etc.), Homecoming, Video Tape, Communications (the Board's calendar book "The Eventsful," a weekly page in *The Daily Eastern News,* informing the campus of the Board's activities, etc.), Crazy Daze (a week of events before finals in the spring), Graphics (the Board's publicity), Human Potential (minority programs), and Mainstage Productions (lesser known band concerts).

Theatre Arts

The Theatre Arts Department houses two theatres and produces four full-scale, faculty-directed productions per year, plus a Summer Theatre show and a number of student-directed Studio Theatre productions. Any registered EIU student may participate in departmental activities, which include acting; building scenery and properties; making costumes; and mounting lights under faculty supervision. Qualified juniors and seniors may also design set, 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.

Radio and Television Center

Several activities provide an introduction to the broadcast media. The Center operates radio station WEIU FM 88.9 and television station WEIU TV Channel 51. The stations serve a 10-county area of East Central Illinois. News Scan 51, a half-hour nightly newscast, is 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 the Director of the Radio and Television Center.

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, String and Symphony Orchestras, Clarinet Choir, and Wind Ensemble. Choral ensembles include the Show Choir, Chamber Singers, Concert Choir, Mixed Chorus, Music 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, films and video tapes, 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 are the newspaper, *The Daily Eastern News; The Vehicle,* a literary magazine; *Heartland,* a general interest magazine; *Minority Today,* a monthly minority newspaper, and the *Warbler,* the yearbook. The publications are produced by student staffs with faculty advisers.

The *News* is published Monday through Friday during Fall and Spring semesters and twice weekly during the Summer Session. Staff positions on the *News* are open to all students.

The *Warbler* is issued annually as a historical and pictorial record of the University year. A student editorial staff, assisted by a faculty adviser, is responsible for the publication. All qualified students are eligible for the staff.

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

Minority Today addresses special interests of Eastern's minority population. The staff is open to all students.

Heartland is a feature magazine directed to the non-campus population in the area surrounding Eastern. Staffing on this biannual publication is open to all students.

A small portion of each student's activity fee goes toward a school-year subscription to *The Daily Eastern News* and the *Warbler.*

Recreational Sports

The College of Health, Physical Education and Recreation, Division of Recreational Sports offers intramural and recreation programs for men and women with opportunity for sharing in recreative physical activities. Emphasis is also placed on co-recreational activities. Participation is voluntary and open to all students. Over 40 structured intramural activities consisting of team sports, special events and singles/doubles tournaments are offered. Unstructured informal free-play opportunities are available in a wide variety of aquatic, fitness and sport activity settings.

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, are objectives 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 adheres to the intercollegiate athletics policies of the National Collegiate Athletic Association.

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 three branches: executive, legislative, and judicial. The student officers and the student senators are elected by popular vote. The judicial branch members are named by the Student Body President and approved by the Student Senate.

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 dependent on 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 Residence Hall Association (RHA) has as its purpose 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 dependent 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. It cooperates with the Panhellenic Council in planning cooperative Greek affairs on- and off-campus. The following fraternities are represented on Eastern's campus:

Delta Chi	Eastern Illinois University Chapter
Delta Sigma Phi	Delta Psi Chapter
Delta Tau Delta	Eastern Illinois Chapter
Kappa Alpha Psi	Theta Gamma Chapter
Lambda Chi Alpha	Phi Alpha Chapter
Pi Kappa Alpha	Zeta Gamma Chapter
Sigma Chi	Eta Mu Chapter
Sigma Nu	Lambda Gamma Chapter
Sigma Pi	Beta Gamma Chapter
Sigma Tau Gamma	Alpha Alpha Chapter
Tau Kappa Epsilon	Gamma Omega Chapter

Panhellenic Council

The Panhellenic Council is composed of the presidents of sororities and two elected representatives from each sorority. It deals with problems confronting the sororities, establishes rules for rushing, cooperates with the Interfraternity Council in planning all-Greek affairs on campus, and awards a cup each year to the sorority maintaining the highest academic standing for the preceding year. The following sororities are represented on Eastern's campus:

Alpha Gamma Delta	Beta Iota Chapter
Alpha Kappa Alpha	Eta Gamma 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 Panhellenic Council

The National Panhellenic Council is the umbrella organization of the fraternities and sororities listed below. The organization's purpose is to coordinate activities of intercollegiate Greek letter fraternities and sororities through the realization that there are certain areas of action and programming that can best be carried out by the joint efforts of these organizations. The N.P.H.C. works very closely throughout the year with the Black Student Union.

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

Alpha Phi Alpha	Zeta Nu Chapter
Kappa Alpha Psi	Theta Gamma Chapter
Phi Beta Sigma	Delta Chi Chapter
Gamma Phi Psi	Theta Chi Chapter
Iota Phi Theta	Theta Gamma 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 in the Student Services Building, second floor, east wing. Beginning freshmen, all students with undeclared majors, and students who have not been accepted to the 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.

Assistance for Handicapped Students

In accordance with Section 504 of the 1973 Rehabilitation Act, Eastern Illinois University wishes to make every effort to facilitate learning by those persons broadly defined as handicapped or disabled. Students who believe they will need assistance to participate in coursework should notify the Director of Affirmative Action who can answer questions concerning accommodations, auxiliary learning aids, and physical accessibility.

Counseling Center

The Counseling Center is located in the Buzzard House at 1711 7th Street. The Center is staffed by professional counselors and counseling psychologists who assist students with typical problems which result from University attendance and which may interfere with deriving maximum benefit from their university experiences. The Counseling Center offers services to students with problems which affect their grades: e.g., 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, has a collection of over 569,000 cataloged volumes, approximately one and a quarter million microtexts, as well as governmental documents, maps, music scores, pictures and pamphlets chosen to support the educational efforts of the university. The general book collection is located on open shelves in two stack levels. The exceptions to open shelving are the Special Collection, Archives, Media Library, Reserve, and current periodicals.

Located in the central area of the main level are Circulation Services, Public Card Catalog, ILLINET on-line access terminals and Reference Services. The Reference collection, consisting of approximately 35,000 volumes, assists library faculty in providing professional help to students and faculty. Special facilities such as the new book alcove, conference rooms, faculty study rooms, lounges, the faculty copy services, administrative and staff offices and equipment for reading microtext materials are also provided on this floor. Current issues and bound volumes of periodicals are kept on the upper level. Coin-operated copiers are available.

The library serves as a depository for selected publications of the United States Government and for maps issued by the U.S. Army Map Service. A publishers' exhibit of textbooks for elementary and secondary schools is also provided. A collection of books for children of all ages is available on the main level for the students who study children's literature.

Self-Study Materials Center (SMC) is a public service unit of Booth Library located on the main level, north building. It has been developed to make information stored on non-print media such as sound recording on video tapes, etc., available to students and faculty members for various class assignments. Study carrels equipped for independent viewing and listening are also available in the Center. The SMC has a number of Computer Assisted Instruction (CAI) Terminals, i.e. Plato and ECN. A variety of microcomputers, software packages, and computer consulting services are also available in the SMC. There are a variety of microform collections along with appropriate readers and printers.

The Read and Relax Room houses the latest best sellers and popular paperback books, along with a quadraphonic sound system for student listening.

The Audio Visual Center provides students with equipment and non-print materials for presenting in-class reports, etc. Practice teaching experiences are often reinforced with faculty critiques of video taped recordings of the student's performance before a class. Other services provided students include production facilities for transparencies and audio tapes. Equipment and assistance for synchronizing tape/slide presentations are available for student's use in the Audio Visual Center as well.

Mathematics Diagnostic Center

The Mathematics Diagnostic Center is located in Room 308E of Old Main. The Mathematics Diagnostic Center offers assistance through the course MAT 1000 to those students who are underprepared in the area of mathematics. Students in MAT 1000 work on developing the skills and knowledge needed to compete in the mathematics courses required for their majors. Students preparing for the PPST may take a series of diagnostic tests designed to identify areas of strengths and possible weaknesses in their mathematics preparation. Prescriptive programs can be developed to help students who have completed their mathematical course work strengthen areas where they are deficient. Walk-in services for specific courses are provided by the mathematics tutoring program.

Reading Center

The Reading Center 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 in Buzzard Building, Room 225. 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 Pre-Professional Skills Test (PPST).

Speech and Hearing Diagnosis and Correction

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 language and speech, language, hearing courses obtain required clinical practice by working with speech-language-hearing impaired adults and children. Diagnostic services include evaluation of hearing and hearing aids, and evaluation of speech and language skills. Remedial services include improvement of speech and language abilities, and lip reading and manual communication skills. The services are available without charge to university students, children and adults in east central Illinois.

Study Abroad Office

The Study Abroad Office, located in Coleman Hall 216H, provides information to students who are interested in studying abroad for a semester, a year, or during the summer. The office assists in the application of foreign scholarships and internships abroad, as well as in the transfer of credit.

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 Kathleen Jenkins in Reference Services, Booth Library.

Testing Services

Students can obtain from Testing Services, 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), and Pre-Professional Skills Tests (PPST). They also can obtain information about and register for University tests such as the Constitution Test, 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. Tutors answer questions, offer suggestions, and analyze writing problems. Students preparing for the Junior Writing Competency Examination may work through materials provided by 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, national origin, ancestry, religion, age, sex, handicap, or status as a disabled veteran or veteran of the Vietnam era. 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.

Rented textbooks must be returned in satisfactory condition by 4:30 p.m. of the next working day following the last day of a term. Regular working hours are 8:00-4:30 Monday through Friday. Damage other than that of ordinary wear must be paid for by the student. Students not returning textbooks by announced deadlines are subject to fines of $2 per book up to a maximum of $10 for all books issued for the term.

Students wishing to purchase their books may do so during the established sales period each semester. Dates for the book sales period may be found each semester in the Official Notices of *The Daily Eastern News,* or by inquiring at the Textbook Rental Service.

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.

Career planning is an ongoing process which should begin for students their first year at Eastern Illinois University. Identification of a student's abilities, skills, interests, work values, and lifestyle preferences is the first step in career planning. Career exploration which includes the examination of career opportunities within academic majors, future job outlooks, salary potential, and employment opportunities follows the self-assessment process. Located in the Placement Center is a career library containing numerous career planning and job search resources. Appointments for assistance with career planning can be made by contacting the Placement Center.

The Career Planning and Placement Center maintains a close liaison with representatives from education, business, industry, government as well as profit and non-profit organizations. The Placement Center seeks to help students and graduates secure positions for which they are qualified. Registration or re-registration with the Placement Center is recommended prior to graduation for all undergraduate and graduate degree candidates. Placement credentials include a data sheet, 3–5 recommendations, and a transcript which are duplicated and mailed to prospective employers. Registered candidates can also receive a weekly job vacancy bulletin. Minimal service fees are charged to undergraduate and graduate students who elect to register for placement.

Undergraduate Student Placement Services are available to those students who have attained senior standing. 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. The fee for placement registration is $1.00.

Alumni may re-register by bringing their credentials up-to-date and paying a placement registration fee of $5.00. The placement registration fee for graduates initiating registration more than one year after graduation is $25.00.

Other services available to students and alumni include job fairs at Eastern Illinois University, Chicago, and St. Louis; job seeking seminars pertaining to resume writing, interviewing techniques, and locating available positions; on-campus interviews; and individual consultations with professional staff members.

MEDICAL

The University Health Service 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, including ambulance service, 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, 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 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 hospital, surgical, and major medical expenses incurred within fifty-two weeks of the date of first medical treatment of the injury or sickness as provided for under the provisions of the contract. Benefits payable for a mental or nervous condition shall not exceed $5,000.

Prior to the tenth class day of the 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

Each student is responsible for adhering to the Student Conduct Code. A copy of the Code may be obtained from the Judicial Office or the Student Activities Office.

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 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.

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 Office of the Assistant Dean, Student Personnel Services, Eastern Illinois University, Charleston, IL 61920.

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.

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) — $10.00*
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 — $20.00*
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 officials
7. Meter violation — $10.00*
8. Improper display of permit — $ 5.00*

*If paid within first 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 $30.000 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 of Eastern Illinois University that commits a moving traffic 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. Failure to pay service charge for removal of immobilizing clamp 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, or 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.

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.

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

C. A valid driver's license and a validated Eastern Illinois University identification card 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. Faculty/Staff
3. Student
4. 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.

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 $25.00.

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	$25.00	$12.50
Staff	$25.00	$12.50
Student	$25.00	$12.50
Motorcycle	$10.00	$ 5.00

Stevenson Hall

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 listed below must be paid on or before registration day of each term.

NOTE: An installment plan is available for Spring Semester only. Contact the Registration Office for details.

Residency

For the purpose of this regulation an "adult" is considered to be a student eighteen years of age or over; a "minor" student is a student under eighteen years of age. The term "the state" means the State of Illinois. Except for those exceptions clearly indicated in this regulation, in all cases where records establish that the person does not meet the requirements for Resident status as defined in this regulation, the Nonresident status shall be assigned.

1. **Residency Determination.** Evidence for determination of residence status of each applicant for admission to the university shall be submitted to the office responsible for admissions at the time of application for admission. A student may be reclassified at any time by the university upon the basis of additional or changed information. However, if the student is classified in error as a Resident student, the change in tuition shall be applicable beginning with the term following the reclassification; if the student is classified in error as a Nonresident, the change in tuition shall be applicable to the term in which the reclassification occurs, provided the student has filed a written request for a review in accordance with this regulation.
2. **Adult Student.** An adult, to be considered a Resident, must have been a bona fide resident of the State for a period of at least six consecutive months immediately preceding the beginning of any term for which he/she registers at the university, and must continue to maintain a bona fide residency in the State, except that an adult student whose parents (or one of them if only one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide residence in the State and who resides with them (or the one residing in the State) or elsewhere in the State will be regarded as a Resident student.
3. **Minor Student.** The residence of a minor shall be considered to be, and to change with and follow:
   a. That of the person's parents, if they are living together, or living parent, if one is dead; or
   b. If the parents are separated or divorced, that of the parent to whom the custody of the person 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 his/her registration at the university, in which latter event the person's residence shall be considered to be that of his/her mother; or
   c. That of the adoptive parents, if the person has been legally adopted 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 that parent had been a natural parent; or
   d. That of the legally appointed guardian of the person if the minor resides with such guardian; or

e. That of a "natural" guardian, such as a grandparent, adult brother or adult sister, adult uncle or aunt, or other adult with whom the person has resided and has been supported by for a period of at least six consecutive months immediately preceding his/her registration at the university for any term if the person's parents are dead or have abandoned him/her and if no legal guardian of the person has been appointed and qualified.

4. **Parent or Guardian.** Except as provided in paragraph 10 of this Regulation, no parent or legal or natural guardian will be considered a resident of the State unless the parent or guardian (a) maintains a bona fide and permanent place of abode within the State, and (b) lives within the State, except when temporarily absent from the State, with no intention of changing his/her legal residence to some other State or country.
5. **Emancipated Minor.** If a minor has been emancipated, is completely self-supporting, and actually resides in the State, the minor shall be considered to be a Resident even though his/her parent or guardian may reside outside the State. An emancipated minor who is completely self-supporting shall be considered to "actually reside in the State of Illinois" if he/she has maintained a dwelling place within the State uninterruptedly for a period of at least twelve consecutive months immediately preceding the beginning of any term for which he/she registers at the university. Marriage or active military service shall be regarded as effecting the emancipation of minors, whether male or female, for the purposes of this regulation. An emancipated minor whose parents (or one of them if only one parent is living or the parents are separated or divorced) have established and are maintaining a bona fide residence in the State and who resides with them (or the one residing in the State) or elsewhere in the State will be regarded as a Resident student.
6. **Marriage of Students.**
   a. If a Resident student marries a Nonresident, then the Resident student shall continue to be classified as a Resident unless the student requests reclassification to a Nonresident status.
   b. If a Nonresident student marries a Resident, then the Nonresident student shall continue to be classified as a Nonresident unless the student executes a declaration of residency, in such form as may be prescribed by the office responsible for admissions[1], and requests classification to Resident status.
7. **Persons without United States Citizenship.** A person who is not a citizen of the United States of America, to be considered a Resident must have permanent resident status or must hold "refugee-parolee" or "conditional entrant" status with the United States Immigration and Naturalization Service and must also meet and comply with all of the other applicable requirements of this regulation to establish Resident status.
8. **Armed Forces Personnel.** A person who is actively serving in one of the Armed Forces of the United States and who is stationed and present in the State in connection with that service and submits evidence of such service and station, as well as such person's spouse and dependent children, shall receive a waiver of the Nonresident portion of tuition as long as such person remains stationed and present in Illinois and the spouse or dependent children of such person also live in the State. If such a person is transferred to a post outside the Continental United States, but such person or the spouse and/or dependents of such person remain(s) registered at the university then such waiver shall continue until such time as the person in service is stationed in another State within the Continental United States.
9. **Minor Children of Parents Transferred Outside U.S.** The minor children of persons who have resided in the State for at least twelve consecutive months immediately prior to a transfer by their employers to some location outside the United States shall be considered Residents. However, this shall apply only when the minor children of such parents enroll in the university within five years from the time their parents are transferred by their employer to some location outside the United States.
10. **Staff Members of the University, Allied Agencies, and Faculties 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.
11. **Teachers in Public and Private Illinois Schools.** Teachers in the private and public elementary and secondary schools in Illinois shall, if subject to the payment of tuition, be assessed at the Resident rate during the term in which the staff member or teacher holds such an appointment at least one-quarter time. This privilege also extends to the summer session or off-term vacation immediately following the term for which such appointment was effective.
12. **Definition of Terminology.** To the extent that the terms "bona fide residence," "independent," "dependent," and "emancipation," are not defined in this regulation, definitions shall be determined by according due consideration to all of the facts pertinent and material to the question and to the applicable laws and court decisions of the State of Illinois.

    Voter registration, filing of tax returns, proper license and registration for the 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 period shall be construed to be proof of Illinois residence.

    The term "staff member" as used in this regulation shall mean a person appointed to an established position for specific amount of time required, under an appointment requiring service for not less than three-fourths of the term. The term "staff member" as defined herein shall not apply to persons employed on an hourly basis in either an academic or nonacademic capacity, nor to persons on leave without pay. Persons appointed to established Civil Service positions, whose rate of pay is determined by negotiation or prevailing rates, shall not be considered as being paid on an hourly basis.
13. **Procedure for Review of Residency Status.** A student who takes exception to the residency status assigned and/or tuition assessed shall pay the tuition assessed but may file a claim in writing to the Director of Admission and Records[1] for a reconsideration of residency status and/or an adjustment of the tuition assessed. The written claim must be filed within thirty calendar days from the date of assessment of tuition or the date designated in the official university calendar as that upon which instruction begins for the academic period for which the tuition is payable, whichever is later, or the student loses all rights to a change of status and/or adjustment of the tuition as-

sessed 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 appeal the ruling by filing a written appeal with the office responsible for admissions[1] within twenty days of receipt of notice of ruling. Such written appeal shall be forwarded by the office responsible for admissions[1] to Board legal counsel, who shall consider all evidence submitted in connection with the case and render a decision which shall be final.

[1]The Dean, Student Academic Services, is responsible for residency determination at Eastern Illinois University.

TUITION AND FEES 1989-1990*

(Beginning Fall 1989)

Semester Tuition and Fees

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

See the **Programs And Services Fee Chart** for a breakdown of services covered.

Lower Division Undergraduate: A student who has earned fewer than 60 semester hours will pay the following tuition and fees:

Illinois Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$786.00	$65.50
Programs & Services	$240.85	$15.20
Total	$1026.85	$80.70

Overload Fee: Additional tuition charges for each semester hour of overload — $65.50 per semester hour.

Non-Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$2358.00	$196.50
Programs & Services	$ 240.85	$ 15.20
Total	$2598.85	$211.70

Overload Fee: Additional tuition charges for each semester hour of overload — $196.50 per semester hour.

Upper Division Undergraduate: A student who has earned 60 or more semester hours, but has not earned the baccalaureate degree, will pay the following tuition and fees:

Illinois Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$798.00	$66.50
Programs & Services	$240.85	$15.20
Total	$1038.85	$81.70

Overload Fee: Additional tuition charges for each semester hour of overload — $66.50 per semester hour.

Non-Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$2394.00	$199.50
Programs & Services	$ 240.85	$ 15.20
Total	$2634.85	$214.70

Overload Fee: Additional tuition charges for each semester hour of overload — $199.50 per semester hour.

*Subject to Board approval.

Summer Term Tuition and Fees (1990):

Full-Time: 8 Semester Hours or More
Part-Time: Less than 8 Semester Hours

Lower Division Undergraduate: A student who has earned fewer than 60 semester hours will pay the following tuition and fees.

Illinois Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$524.00	$65.50
Programs & Services	$141.55	$15.20
Total	$665.55	$80.70

Non-Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$1572.00	$196.50
Programs & Services	$ 141.55	$ 15.20
Total	$1713.55	$211.70

Upper Division Undergraduate: A student who has earned 60 or more semester hours, but has not earned the baccalaureate degree, will pay the following tuition and fees:

Illinois Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$532.00	$66.50
Programs & Services	$141.55	$15.20
Total	$673.55	$81.70

Non-Resident Charge	Full-Time	Part-Time Per Sem. Hour
Tuition	$1596.00	$199.50
Programs & Services	$ 141.55	$ 15.20
Total	$1737.55	$214.70

Programs and Services Fees:*

Fee	Semester Full-Time	Semester Part-Time	Summer Term Full-Time	Summer Term Part-Time
Activity Fee	$20.65	$1.50	$12.40	$1.50
Athletic Fee	$32.55	$2.70	$19.55	$2.70
Grants-in-Aid Fee	$25.35	$2.10	$15.20	$2.10
Health & Accident Insurance	$46.20	$---	$23.10	$---
Health Service/ Pharmacy Fee	$ 5.80	$ .20	$ 3.50	$ .20
Textbook Rental Fee	$60.00	$3.80	$36.00	$3.80
Union/Bond Revenue Fee	$70.60	$5.90	$43.20	$5.90

Activity Fees

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.

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

*Subject to Board approval.

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 at the end of the semester in which they attain the required hours, 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, and triple, 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	McKinney	150
Carman North	384	Ninth Street Hall	54
Carman South	432	Pemberton	201
Douglas	194	Stevenson	360
East	50	Taylor North	295
Ford	150	Taylor South	297
Lawson	480	Thomas	438
Lincoln	194	Weller	150

An application for residence hall space and board (20 meals per week) 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. Ten dollars of the deposit is an application fee and is nonrefundable. Residence hall accommodations are granted on a priority basis, determined by the date of housing application and deposit. 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: 1988-89 charges for board and room in the University residence halls are: $1194.00 for each semester, if paid in full. There is an additional $19 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. If the residence halls are not full to normal capacity on the tenth day of the term, cancellation of a hall contract after deadline date for each term will result in the forfeiture of the advance payment or if not paid, a charge of that amount plus 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.

Board and Room

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 EIU 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 full rent charges for the year and for board charges through the week in which the student leaves the hall.

If the residence halls are full to normal capacity (100%) on the 10th day of the semester, and if cancellation of the residence hall contract is received after the June deadline for fall semester, or December 1 deadline for spring semester and the student withdraws from the University and is not enrolled during the next semester, the following late cancellation charges will be assessed:

6/15-6/30/89	12/2-12/5/89	$25 housing security deposit plus $50.00 late cancellation charge
7/1-7/15/89	12/6-12/10/89	$25 housing security deposit plus $75.00 late cancellation charge
7/16-7/31/89	12/11-12/17/89	$25 housing security deposit plus $100.00 late cancellation charge
8/1-8/6/89	12/18-12/24/89	$25 housing security deposit plus $125.00 late cancellation charge
8/7-8/13/89	12/25-12/31/89	$25 housing security deposit plus $150.00 late cancellation charge
8/14-8/20/89	1/1/89-1/7/90	$25 housing security deposit plus $200.00 late cancellation charge
after 8/20/89	after 1/7/90	Cancellation is permitted only if the student withdraws from EIU. The charges are $25 housing security deposit plus $300.00 late cancellation charge. In addition room and board charges will be charged prorata through the week in which the student officially checks out of the residence hall.

Room rent is not refundable, except for reasons stated above or in the residence hall contract. A student who withdraws from Eastern Illinois University during a term will be charged room rent for the term, unless the halls are filled to capacity. Board is refunded from the end of the week in which the student leaves the residence hall and the University.

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.

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.

1988-89 rates are as follows: $201.00 per month for a one and one-half room furnished apartment; $217.00 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.

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).

Late Enrollment Fee. An extra fee of $10 is charged to a student who enrolls after the enrollment dates shown in the catalog. This fee is non-refundable.

Library Service Fee. All library materials must be returned and records cleared by the end of each term. Lost or mutilated materials must be paid for. Special fines are assessed for failure to observe library regulations. Students with uncleared records for lost or unreturned books from the previous term cannot charge out library materials.

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 $10.00 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 a daily exchange for clean laundered items. The following items are available:

		Charge	Deposit
1.	Physical education uniform (shorts, T-shirt, socks, supporter)	$8.00	$9.00
2.	Tights and Leotards	8.00	8.00
3.	Towel	3.00	3.00

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 each term 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 $1.00 fee, if completed prior to graduation, for undergraduates and graduates 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 upon presentation of the fee card indicating payment of registration fees. Paid fee card must be presented whenever I.D. card is validated or revalidated. A fee of $2 is charged for a colored Polaroid student-photo I.D. Full-time and part-time students' I.D. cards are validated at no charge for all subsequent semesters of attendance upon presentation of the paid fee card for each semester of enrollment. A lost I.D. card should be reported immediately to the I.D. office, Student Personnel Services, and application made for a new card. The cost for a replacement card (i.e. name change, Social Security number change, lost, stolen, and/or mutilated) is $5.00.

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 are subject to fines of $2 per book up to a maximum of $10 for all books issued for the term. The cost of damaged or lost books is also charged. Damage to a book includes underscoring, highlighting, annotating, adding marginalia, etc.

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

Requests for refunds of tuition and fees 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)

Regular. 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 Office of Student Personnel Services in accordance with dates set forth in the University Calendar, all fees (except insurance) will be refunded.

Fifty Percent Refund. If a student officially withdraws 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).

Withdrawal (Summer and Other Special Terms)

Regular. 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.)

Fifty Percent Refund (Summer — 8 and 5 Weeks Terms Only). If a student officially withdraws 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).

Pre-Enrollment

Cancellation. If a student pre-enrolls and pays his/her fees prior to the regular enrollment 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 regular enrollment date for the term. If such written notice is not given before the regular enrollment 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.

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 semesters (or their equivalent) as an undergraduate and four semesters 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 State Scholarship Commission Scholarship and Grant Monetary Awards. Under authority granted by the Illinois General Assembly, the ISSC administers a program of monetary awards for students in the state of Illinois who attend one of the ISSC 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 or completed 150 semester hours or 225 quarter hours of college level course work.
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 on 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 "Family Financial Statement," 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.

General Assembly Scholarship. Each member of the General Assembly may 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 State Scholarship 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 State Scholarship 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 half-time graduates or undergraduates. The scholarship's value is full tuition and fees. Applications are available at any National Guard Armory and in the Office of Financial Aid. Applications are mailed to ISSC, 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 plus most 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, Illinois 61938, or the student's home area Office of Department of Rehabilitation Services.

University Awards

Disadvantaged Student Scholarship. Established by the Board of Governors of State Colleges and Universities. Approximately twenty 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.

International Student Scholarship. Established by the Board of Governors of State Colleges and Universities, the number of awards available to students from other countries is quite limited. Such awards are based on scholarship achievement, academic potential, personal character, and financial need. The scholarship pays only out-of-state fees and does not include room and board which must be paid by the student. Application should be made to the International Student Advisor.

Grant-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 of State Colleges and Universities, the talent scholarship program is financed through a student grants-in-aid fee. Application should be made to the appropriate department.

Socio-Economically Disadvantaged Student Scholarship. 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. Basis of award: demonstrated financial need with emphasis on minority membership. Each EIU financial aid application submitted to the Office of Financial Aid is checked for eligibility for this scholarship.

Talented Student Awards. Established by the Board of Governors of State Colleges and 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.

Special Awards

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.

Gayle Hutton Adkins Award. Established in memory of Gayle Hutton Adkins, an alumnus of Eastern. The award is made annually to a junior or senior demonstrating outstanding personal character and high scholarship in the pre-medical program. Apply to Chairperson, Health Professions Studies Committee.

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 who was on faculty at Eastern for 37 years. The 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 Director of University Relations.

Athletic Training Scholarship. Established to provide annually a 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.

The Paul E. Black Community Press Scholarship. Established in 1988 by Paul E. Black to provide a scholarship to a student majoring in journalism with a professional career objective aimed at print journalism in the community press field. Apply to the Chair, Department of Journalism.

Alexander Briggs Memorial Award. Established by Miss Margaret Briggs in memory of her father, Alexander Briggs, the contractor who completed the L.C. Lord Administration Building. The 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 who is selected by the faculty of the Lumpkin College of Business on the basis of outstanding personal character and interest in the field of business and business education. Apply to Lumpkin College of Business.

Margaret Briggs Mathematics Scholarship. Established by Dorothy Jane Briggs in memory of Margaret Briggs. The scholarship is administered through the Department of Mathematics. The scholarship covers tuition and fees for a period of up to four years. Apply to Mathematics Department.

Burgner Memorial Scholarship. 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. The award is presented annually to an outstanding student in foreign languages. Apply to Foreign Language Department.

The Clay/Richland Scholarship Fund. Established in 1988 by an anonymous donor, the 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. The scholarship award is presented annually to graduates of Marshall High School, Marshall, Illinois. Entitlement is based upon economic need, moral and civic character, and academic achievement.

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

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. The scholarship is presented annually.

Cooley-Marathon Scholarship. 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 Fund. Established by George L. and Dorothy Cutright in memory of their son, Neil Cutright, an alumnus of Eastern. The award, which pays full tuition and fees, is presented annually to a needy incoming freshman student, with preference being given to graduates of Cumberland High School in Toledo, Illinois. 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.

Danforth Foreign Language Fund. Established by Frances R. Danforth for the use and benefit of students majoring in foreign languages.

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 Recreation Department.

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. The 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. The Scholarship 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. The award is presented annually to a student admitted to Eastern's Graduate School and who plans to pursue a career in instructional media. The selection committee is composed of the Dean, College of Education; Director, Audio-Visual Services; President, Illinois Audio Visual Association; and an alumnus appointed by the EIU Alumni Association Board of Directors. Apply to Dean, College of Education.

G.B. Dudley Award. Established by Tilford Dudley in memory of his father, Dr. G.B. Dudley, who was closely associated with the University. The fund makes a minimum of $200 available each spring for awards 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 a bequest of Ray C. Duncan, the 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. Recipient may receive the award for up to four years upon continuing eligibility.

Leo J. Dvorak Memorial Award. Established in memory of Dr. Leo J. Dvorak, former Director of the School of Music. The award is presented to a junior music major who shows promise of becoming an outstanding teacher in public school music. Selection of the recipient is made by the faculty of 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. The award is presented annually to deserving young men and women from Edgar County, Illinois, who are students at Eastern Illinois University. Apply to Eastern Illinois University Foundation or to high school principal.

Roy E. Ehrsam Scholarship. Established by a bequest of Florence Hart. The scholarship is intended to assist deserving students majoring in Technology.

EIU Parents Club Scholarship. Established to provide annual scholarship(s) for full-time undergraduate Eastern students in good academic standing. Apply to Executive Director, EIU Parents Club.

Charles A. Elliott — Technology Education Award. Established by Dr. Charles A. Elliott, a member of the Eastern faculty from 1945 to 1973. The 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.

Richard G. Enochs Scholarship. Established in memory of Richard G. Enochs, former Assistant Director of Housing at Eastern. The award goes annually to an outstanding student residing in the residence halls or university apartments. The award is administered by the Director of Student Housing.

Environmental Biology Award. Established by Dr. Lawrence B. and Shirley F. Hunt, the 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.

Excellence in Fine Arts. Established in part in 1986 to assist with scholarship support for incoming freshmen in the areas of art, music, and theatre arts. The award may pay full or partial tuition and/or fees for up to four years if recipients continue to be eligible. Contact 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, the award is presented in alternate years to the most promising sophomore student specializing in history and criticism in the Speech Communication Department and English literature in the English Department, with the stipend to be paid upon enrollment for the following fall semester.

Ann Frommel Memorial Scholarship. A scholarship for outstanding students in botany, zoology, and chemistry, established by Mr. and Mrs. Albert E. Frommel, Charleston, Illinois, in memory of their daughter. The 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.

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.

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

Elsie and Erson Giffin Scholarship. Established in memory of Elsie and Erson Giffin, the scholarship is administered through the School of Home Economics. It goes annually to outstanding students enrolled in a home economics program.

Jim and June Giffin Scholarship. Established in 1988 through the generosity of Jim and June Giffin, the award goes to a full-time student enrolled in a Bachelor of Science in Business degree program, who will be a junior at the time of the first payment. A recipient shall be eligible to receive the award during the four semesters of the junior and senior years if he or she continues to meet selection criteria. Contact the office of the Dean, Lumpkin College of Business.

William F. Groves Memorial Award. Established in 1987 in memory of William H. Groves, longtime swimming coach at Eastern Illinois University. The 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, with preference given to PE majors or minors.

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 is earning a portion of his college expenses but who is in need of additional financial assistance. The award is administered through the Office of Student Activities.

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. The 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.

Ruby M. Harris Scholarship. Established in memory of Dr. Ruby M. Harris, former professor of geography. The award is presented annually to a senior of outstanding character and scholastic achievement in the field of geography of earth science.

Dr. and Mrs. Jerry Heath Sports Medicine Scholarship. Established in 1988 by Dr. and Mrs. Heath to benefit students of sports medicine. The award is made annually, with selection of a sophomore or junior varsity athlete in the spring, and stipend paid in the fall. 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, who retired in 1967. The 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 headed by the University's chief student personnel officer.

C.A. Hollister Pre-Law Scholarship. Established by friends and colleagues of the late Charles Hollister. The award is presented annually to a senior pre-legal 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 of the late Jon J. Hopkins, professor of speech. The 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 professor of Eastern European History from 1965 until his death in 1986. The award is granted to upper division students whose concentration includes credits in European History and Russian or East European History.

Eileen F. Hubbard Scholarship. Established in 1987 by Robert L. Hubbard and Mary Louise Hubbard in memory of their wife and mother. The 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.

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

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. The 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 Executive Officer, Eastern Illinois University Foundation.

Bette L. Johnson Scholarship. Established in memory of Betty Lou Johnson, an Eastern alumnus, by her family and friends. The scholarship is presented each year to a graduate of Charleston High School who has been accepted for admission to Eastern Illinois University.

Bobbie King Memorial Scholarship. Established in 1966 by Mr. and Mrs. Karl King of Charleston, Illinois, in memory of their daughter. The award is presented annually to a junior or senior

demonstrating outstanding achievement in the study of foreign languages.

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. The 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. The 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.

Walter A. Klehm Industrial Technology Award. Established in honor of Dr. Walter A. Klehm, a member of the Eastern faculty from 1938 until his retirement in 1970 and first Dean of the School of Industrial Arts and Technology. The award is presented annually to an Industrial Technology major who intends to pursue a career in Industrial Technology.

Eugene B. Krehbiel Scholarship. Established in memory of Dr. Eugene B. Krehbiel, professor of Zoology at Eastern, by Mrs. Helen Krehbiel and friends of Dr. Krehbiel. The scholarship is presented annually to juniors enrolled in either the Health Professions Studies Program or a zoology program and who have the intent of pursuing graduate level studies. Apply to Chairperson, Department of Zoology.

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. The 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.

Glenn Q. Lefler Scholarship. 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.

Livingston C. Lord Memorial Scholarship. Established by the Alumni Association of the University 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. The 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.

Lumpkin College of Business Dean's Award. Established to recognize and reward outstanding achievement among persons pursuing a course of study in a business curriculum. The award is presented annually to a senior who, by reason of scholarship, experience, character, and service to the University, gives promise of a life of distinguished service and leadership.

The Curtis D. MacDougall Newspaper Scholarship. Established in 1987 as a memorial to the late Curtis D. MacDougall, the award is paid annually to a full-time sophomore at Eastern Illinois University who has declared the intent to complete the journalism education program at the University and to pursue a career in newspaper journalism, and has demonstrated such through significant participation at the student newspaper.

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

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. The award goes annually to a second semester sophomore or junior woman physical education major who demonstrates the qualities of scholarship, leadership, and professional excellence as exemplified by Dr. McAfee. Selection of the recipient is made by a committee from the Department of Physical Education.

Glenn A. McConkey Scholarship. Established in honor of Glenn A. McConkey, professor of economics. The scholarship is presented annually to an outstanding junior or senior majoring in economics.

Walter H. and Dorothea V. McDonald. 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.

Isabel McKinney Scholarship. Established in memory of Dr. Isabel McKinney, Head of Eastern's Department of English from 1922 to 1945. The award goes annually to a person who has demonstrated high scholastic achievement and has the qualifications to enroll in the English graduate program at Eastern. Selection of the recipient is made by the Scholarship Committee of the Department of English.

Hal Middlesworth Student Publications Alumni Scholarship. Established for the purpose of honoring student journalists. The award is presented annually to a staff member of student publications.

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, the award goes annually to a deserving student of music.

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. The award goes annually to a junior or senior in mathematics.

Louise Murray Award for Children's Literature. Established in memory of Dr. Louise Murray, professor of English at Eastern, by Charles Murray and friends of Dr. Murray. The 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 the Eastern Illinois University Foundation in 1987 by the Concerned Citizens of Charleston to encourage, assist, and recognize Afro-American students at Eastern Illinois University. The 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.

Estelle Ruth O'Brien Memorial Mathematics Scholarship. Established in 1967 by Dr. Maynard O'Brien and his son in memory of their late wife and mother, Estelle Ruth O'Brien. Mrs. O'Brien was a mathematics teacher in the public schools. The 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.

Old Main Memorial Scholarship. The award was established in 1988. Selection Committee determines the areas of need, the criteria, the recipient(s), and the amount of the scholarship(s) and award(s).

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

Minnie Alice Phillips Scholarship. Established in 1988 by Minnie Alice Phillips, M.D., Distinguished Alumnus Award recipient. The 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. The annual award is administered through the Department of Chemistry and goes to a student who gives promise of distinguished service in the field of chemistry.

President's Award. Established in 1973, the award goes annually to one or more freshmen 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. The 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.

Emma Reinhardt 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. The 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.

Helen Riley Scholarship. Established in memory of Helen Riley, former Associate Director of Athletics. The award is presented annually to an Eastern woman student of integrity with outstanding academic achievement and 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. The 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.

William G. Riordan Scholarship. Established in honor of William G. Riordan, Director of Intramurals from 1964 to 1976 and responsible for development of curriculum in Recreational Administration. Presented to a senior majoring in Recreation Administration who displays outstanding leadership, scholarship and the potential to make a major contribution to the field of recreation and leisure.

Donald A. 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. The annual award is given to a psychology major who demonstrates the potential for making a significant contribution to psychology.

Paul Turner Sargent Scholarship Award. Established by the family and friends of Paul Turner Sargent, nationally known artist and 1906 Eastern graduate. The award is made to an art major or minor who has completed the second semester of the sophomore year.

Martin O. Schahrer Scholarship. Established in memory of Martin O. Schahrer, an Eastern student who died for his country in World War I. The award goes in alternate years to an outstanding student in chemistry and botany.

Ruth and Ansel Schmalhausen Scholarship. Established in 1987 honoring the late Ruth Schmalhausen who taught home economics at Eastern Illinois University for 25 years, serving part of that time as department chair, and her brother Ansel Schmalhausen. The 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.

Walter Meritt 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.

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.

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.

Sigman Alpha Iota Scholarship. Established in 1987 by Sigma Alpha Iota, Charleston Alumnae and Patroness Chapter, the 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.

Irvin L. Sparks Memorial Scholarship. Established in 1966 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 women 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 a gift of $400 from 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 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. It is awarded 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. The award is presented annually to an outstanding student in botany.

Ruby Trimble 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 or 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.

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 established in 17 fields of study by 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-medicine 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. The award goes annually to a student of music who demonstrates talent on a stringed instrument.

Ivan W. and Mable Blum Weaver Scholarship. Established by Ivan W. Weaver to provide annual scholarship(s) to graduating seniors from Charleston High School who have excelled academically, have financial need, and who will attend Eastern Illinois University in one of the fields of science, mathematics, or accountancy.

Benjamin Weir — Eugene Waffle Journalism Award. Established in honor of the late Benjamin Weir, distinguished Charleston publisher, and Dr. Eugene Waffle, distinguished professor of English at Eastern. The award goes annually to an outstanding journalism major.

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 graduate study prior to 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 are in need of financial aid. Apply to Director, Financial Aid.

Ralph W. Widener, Jr., Scholarship. Established by Mrs. Ralph W. Widener, Sr., in honor of her son, Dr. Ralph W. Widener. The award is presented annually to an outstanding undergraduate student majoring in speech communication.

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. Apply to English Department.

Joan R. and Glenn D. Williams Women's Athletic Scholarship. Established in 1988 to benefit women student athletes. The award rotates annually between the areas of basketball, softball, volleyball, and track. The athlete may receive the award in subsequent years.

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: Freshmen — $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.

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.

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.

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.

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.

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, Sophomores . . . . . $2,625 per academic level
Juniors, Seniors . . . . . $4,000 per academic level
Graduates . . . . . $5,000 per academic level
Program Maximum . . . . . $54,750 (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.

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 make 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.

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 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.

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.

William D. Miner Emergency Loan Fund. Established by the Eastern Illinois University Veterans Association in honor of Dr. Miner, a long-timer 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.

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 entered active duty after December 31, 1976 and 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.

G.I. Bill (Chapter 34 U.S. Code)

Eastern Illinois University is an approved institution for Veterans Administration benefit programs. Those individuals who were on active duty before January 1, 1977, and have served more than 181 days of continuous active duty are eligible to receive VA's Educational Assistance Allowance, currently $376/mo. for the single, full-time student; $448/mo. for the married veteran, with additional allowances for other dependents. A veteran with 18 months of continuous active duty is entitled to receive this allowance for up to 45 months of full time enrollment. This program terminates on December 31, 1989.

Dependents 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. Payment under this program is the same as the rate for a single veteran, or $376/mo. for a total of 45 months.

Selected Reserve Educational Assistance Program (Chapter 106 U.S. Code)

Members of Military Reserve Units should contact their units for eligibility requirements. Full time students in this program receive $140/mo.

Illinois Veteran Grant

Any person who served in the armed forces of the United States after September 16, 1940 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 must be used within a twelve year period. The number of points used per semester are prorated in accordance with the number of hours carried.

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

Illinois Orphans Education Act

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

MIA/POW Scholarship. Any spouse, natural child, legally adopted child, or any step-child of a veteran or service person who has been declared by the U.S. Department of Defense or the U.S. Veterans Administration to be a prisoner of war, missing-in-action, have died as a result of a service-connected disability or be permanently disabled from service-connected causes with 100% disability and who, at the time of entering service was an Illinois resident or was an Illinois resident within six months of entering service 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.

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 Basic Educational Opportunity Grants — now known as the 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 aids. 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 $200 to $2200. 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. Write to the Director of Financial Aid for information.

Perkins Loan Fund (formerly National Direct Student Loan)

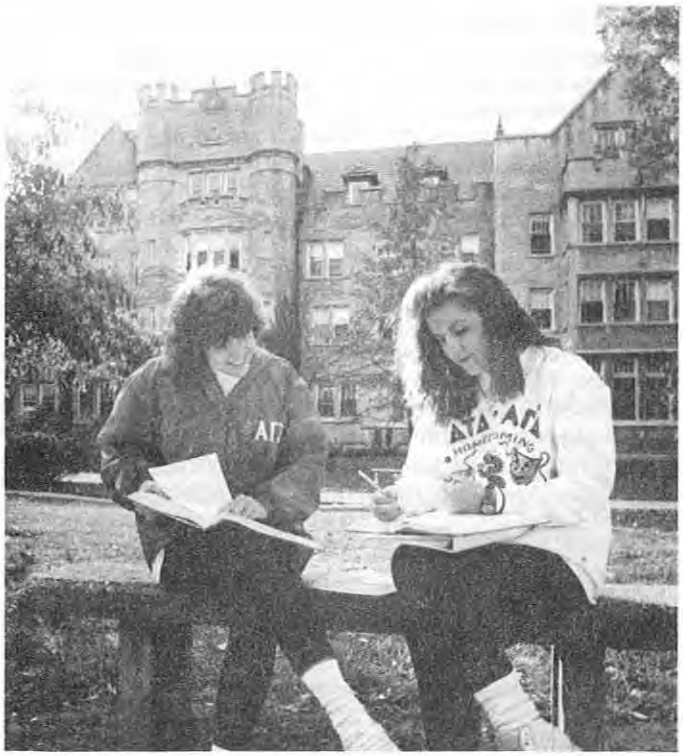
The Perkins Loan Program was established by the Educational Amendments of 1986. Eastern Illinois University has been accepted as a participant in the program. Loans will be provided students in accordance with federal recommendations and regulations.

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, Illinois 61920.

Acceptance of applications and granting of admissions are subject to completion of the application process (See Admissions Procedures section). 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.

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. Housing applications must be sent to the Housing Office (See Living Accommodations section) 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 are encouraged, particularly for the Fall Semester.

HIGH SCHOOL SUBJECT REQUIREMENTS

College-Preparatory English: Four years of English, emphasizing composition, grammar, and literature. As much as one year of the requirement may be satisfied by one year of a foreign language or two semesters in any combination of drama, debate, public speaking or journalism.

College-Preparatory Mathematics: Two years of mathematics, including one year of algebra and one year of either geometry or advanced mathematics.

College-Preparatory Science: Two years of natural sciences, with significant laboratory experiences.

College-Preparatory Social Studies: Two years of social studies, including one year of United States History and/or government.

Beginning Freshmen Beginning with Spring, 1990

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 14 (SAT of 670) *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 20 (SAT of 850).

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 Beginning with Spring, 1990

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 work attempted as well as a 2.00 cumulative grade-point from the last institution attended. Transfer applicants with fewer than 30 semester hours of acceptable credit must also meet beginning freshmen admission requirements.

Provisional Admission

First-time freshmen applicants and transfer applicants with fewer than 30 hours of acceptable credit, who meet all criteria for admission except high school subject 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 where 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, 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. Courses used for this purpose must be selected from the list of courses approved for credit in the distribution requirements as set forth in the University catalog. Transfer students admitted on provisional basis 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 will, however, be counted toward the requirements for a major (where applicable) and toward graduation. 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 Test (GED) 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.

*Proficiency examination credit in accordance with University policy also is acceptable.

Graduate Students

See Graduate Catalog.

Graduates of Non-Accredited High Schools

Graduates of high schools which are not regionally accredited 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

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 (if an undergraduate) or the Graduate School (if a graduate). Such 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 if applying as an undergraduate or to the Graduate School if applying as a graduate student.

High School Students:

Students who have completed the junior year in a recognized high school, who have twelve acceptable units, who rank in the upper twenty-five per cent of their high school class, and who have the recommendation of their principal may apply to take not more than eight semester hours during the summer term preceding their senior year in high school and not more than four semester hours in a regular semester during their senior year in high school. Credits which the student earns under this arrangement are held in escrow and later applied toward graduation at Eastern Illinois University. Students are cautioned that such credit may not be acceptable to, or transferable to, other educational institutions.

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 (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 (ENG 0995) during their first term of attendance.

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

August 1 for the Fall semester

December 15 for the Spring semester

June 1 for the Summer semester

Files in complete by these dates will be updated to the following semester upon request.

Minority Admissions Program

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 is 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.

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. Minority transfer students are required to meet regular transfer admission requirements but may be admitted subsequent to announced cut-off dates for transfer student admission.

The University will consider applications from MAP candidates who have an ACT composite standard score of at least 10 (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 regular admission application, applicants must submit a writing sample 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 with an admissions counselor may be required. Admission decisions for the program are made by the Vice President for Students Affairs with the advice of the MAP Adivsory Committee.

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 be enrolled in at least 12 hours each semester.

General guidelines for the program are established by the MAP Advisory Committee chaired by the Coordinator 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 12 hours each semester 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.

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: Coordinator 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

Beginning Freshmen:

1. Obtain an application for admission by contacting:
   Office of Admissions
   Eastern Illinois University
   Charleston, Illinois 61920
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 are not acceptable.
4. Students whose native language is not English or whose college preparatory work has been done in a non-English speaking school must present scores on the Test of English as a Foreign Language (TOEFL).

Transfer Students:

1. Obtain an application for admission by contacting:
   Office of Admissions
   Eastern Illinois University
   Charleston, Illinois 61920
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.
4. **Transfer applicants with fewer than 30 semester hours of earned acceptable credit must also meet beginning freshmen admission requirements. Therefore, such applicants must submit high school transcripts and test scores.**

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 official registration 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 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.

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. Reinstated students re-enter the University with the cumulative GPA they had upon dismissal and are placed on academic probation. This probationary status will continue so long as the student satisfies the conditions specified in the section on "Academic Probation." Students failing to make satisfactory progress are dismissed again and may not be reinstated a second time except by approval of the 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 official registration 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 submit a Course Request Card for early registration for the following term. By doing so, the student agrees to complete his/her registration by advance payment of all fees. The University assumes no responsibility for accepting an ineligible student's early registration. Reservation of a space for any class is subject to the assigned capacity of the class. 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 will register at times announced in advance of each term.

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 to acquaint new students with the University. Undergraduates enrolling at Eastern Illinois University for the first time, whether as first term freshmen or as students with advanced standing, are required to be present. Activities are planned to familiarize them with the University in order that they may understand its rules and regulations and become aware of the educational, social, and recreational opportunities it provides. A schedule of activities is provided by mail.

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.

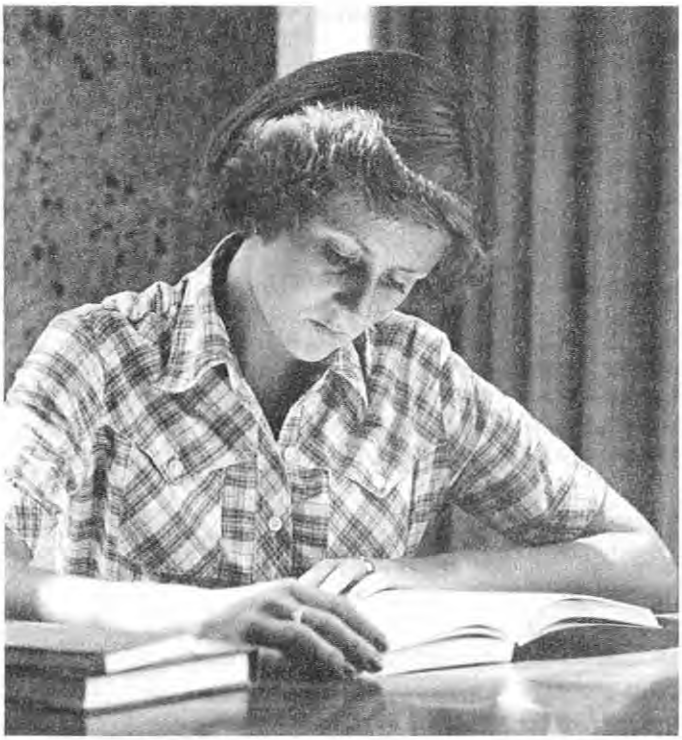
It is expected that a student will select one of the curricula of the University and that the student and his/her advisor will plan courses that are consistent with the University requirements.

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 majors or degrees should apply through the Office of the Dean, Student Academic Services, after consultation with their advisors. It is important that changes be made *before pre-enrollment.*



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 regionally accredited* colleges and universities.

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 general education requirements.

This 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.

*Accredited is defined to include only the North Central Association or other regional accrediting agency.

Transfer students other than those categories specified in the preceding paragraph will have met the General Education requirements if they have completed elsewhere the following:

a. Two English courses totaling at least six semester hours (in composition, composition and literature, or the equivalent), a Speech course of at least two semester hours, and a Mathematics course or courses totaling three semester hours.
b. Nine semester hours in a humanities subject or subjects.
c. Nine semester hours in a mathematics/science subject or subjects.
d. Nine semester hours in a social studies subject or subjects.

NOTE: Transfer students who have only partially fulfilled the above requirements (a, b, c, d) must complete the requirement in approved Eastern Illinois University distribution 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 college or university, and upon completion of high school qualifies and enters Eastern Illinois University, will have up to 24 semester hours ac-

cepted 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. Members and former members of the armed services who have completed at least one calendar year of full time active duty are allowed, upon application to the office of Veterans Services, up to six semester hours of credit for Health Studies 1200 and physical education service courses. 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 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 residence 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, if appropriate, certifies the eligibility of the applicant for the requested examination, and returns the application to the applicant. If ineligible, he/she returns the application with an indication of the reason for the applicant's 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 last day of central registration 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 No Credit (NC) designation.* The following rules apply.

Eligible Students. Sophomores, juniors, seniors.

Procedure. Credit/No Credit option request cards will be accepted by the Office of Registration during a period beginning with the first central registration day and ending with 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, 1001, 1002, 1091 or 1092, Speech Communication 1310, Senior Seminar, and the mathematics course used to fulfill the All-University mathematics requirement may not be taken Credit/No Credit.

b. Professional education courses including departmental methods courses required in teacher certification programs may not be taken Credit/No Credit.

c. 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, may not be taken Credit/No Credit by a student in that major irrespective of whether such 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 (Student Services 201).

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 an unusual 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 Program. 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) or 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 Program for admission to University Honors; permission of the Director of the Honors Program 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 given limited one-time scholarships in recognition of their potential 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 from an accredited institution.

ACADEMIC STANDING

Grades

The grades given in courses are as follows:

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

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

Grade Appeals

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

Bases for Grade Appeals. The bases for an appeal of a 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. Chairperson will provide information to the student to facilitate completion of the grade appeal process.

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.

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.

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.

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

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 Honors

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 be carrying 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 3.5 or above in a semester will be on the Honors List. In order to be eligible, the student must be carrying 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 E.I.U. 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 minimum GPA of 2.10.
b. Juniors and seniors MUST earn a minimum GPA of 2.25.

Academic Dismissal

A student will be academically dismissed if

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

Reinstatement Following Academic Dismissal

Students dismissed for poor scholarship must remain out of the University for at least one regular semester. 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. 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.

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 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.

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	3.0
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 for which he/she has credit or which substantially duplicates, at a lower level, a course or courses which he/she has successfully completed. Should a student violate this regulation, he/she will not receive credit for the course toward graduation and the grade will not be included in any grade point computations.

REPEATING COURSES

All Students

Students may repeat courses in which grades of "D" or "F" (NOT "A", "B", or "C") were received and 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 and, upon request to the Records Office have only the grade for the repeat 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 course which is prerequisite for a course for which he/she has credit 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, Audit, on his/her permanent record. If not, no entry will be made.

CLASS ATTENDANCE

Students are expected to attend their classes unless prevented by illness, an official University activity, or a recognized emergency. When students are absent from class for a legitimate reason that may be established through the University Health Service or the Office of Student Personnel Services, they will be regarded as officially excused and given the opportunity to make up work missed, including examinations. Students who are absent from class, for whatever reason, are held responsible for the material covered during their absence.

When an absence is not officially excused, instructors have no obligation to permit students to make up work missed. At the beginning of each grading period, instructors will announce in writing their policies concerning make-up work and late work. Instructors who plan to use attendance directly in figuring the final grade must have written departmental approval and must indicate this intention and the reason in writing on the first day of classes.

If a student establishes a pattern or record of absences which becomes a matter of concern to the instructor, the instructor may notify the Office of Student Personnel Services of the student's absence record, requesting that inquiries concerning the reason for absence be made.

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 scheduled 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

A student who wishes to withdraw from the University before the end of a semester or summer term must obtain a withdrawal form from the Office of Student Personnel Services. Completion of this form will certify that all obligations, including the return of textbooks and library books, the return of departmental equipment loaned to the student, the return of the identification card, etc., have been met. When completed, the form must be returned to the Office of Student Personnel Services. The student is not withdrawn until the form is completed and submitted. The student is then officially withdrawn from the University, and the Registration Office notifies appropriate departments and agencies of the withdrawal.

Notice of intention to withdraw should be made in person although a letter addressed to the Office of Student Personnel Services, 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.

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.

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

Requirements for the Bachelor's Degree

The official course requirements for baccalaureate degrees are given in Section VII. To achieve a baccalaureate degree, the student must:

1. Successfully complete at least 120 semester hours, exclusive of English 0990, 0995, 1000, General Studies 1000, Mathematics 1270 and Music 0541, with a cumulative GPA of at least 2.00 in all courses attempted. Generally, students may count toward graduation no more than four semester hours in theatre practicum, chorus, orchestra or band and four semester hours in physical education activity courses. 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.

2. Successfully complete one of the degree programs listed in detail in Section VII, Undergraduate Major Programs, and attain a minimum GPA of 2.00 in his/her major area. *A cumulative GPA of at least 2.25 is required for graduation from a teacher education program.*
3. *Successfully complete the General Education Requirements,* including the 12 hour All-University Requirement and 27 hours of Distribution Requirements, listed in detail on the following pages.
4. Successfully complete at least 40 semester hours in upper division course (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 an examination on the constitutions of the United States and the State of Illinois. This requirement may be met by successfully completing History 2010, 2090, or 4910 or Political Science (1103 and 2603), or 2011.
7. Successfully complete Health Studies 1200 or a proficiency examination for Health Studies 1200 (two semester hours credit, but no grade) or the Health Studies Competency Examination (for which neither credit nor a grade is awarded). Candidates for teacher certification must have three semester hours of credit in health studies and/or physical education.
8. [1]Successfully complete Senior Seminar consisting of a two-semester-hour course to be taken in an area outside the student's major. May not be taken Credit/No Credit. To be taken after 75 semester hours.
9. [2]Successfully complete the Writing Competency Examination which is to be taken after a student has sixty semester hours of credit, including credit for English 1001 and 1002, or the equivalent.
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.

GENERAL EDUCATION

The General Education portion of the undergraduate curriculum is designed to provide an individual with skills and knowledge that can be applied in the development of the person as an individual as well as in the practice of good citizenship and in any profession. In the courses in the General Education portion of every undergraduate degree program, this knowledge is gained and used as these skills are developed and exercised. Such skills and abilities include writing, speaking, listening, analyzing, integrating, problem solving, and decision making. Regardless of the professional identity of the person, the responsibilities of being educated require contributions to society and to the human experience in everyday life. The General Education provided as a part of a baccalaureate degree program is intended to prepare graduates of Eastern Illinois University to meet these responsibilities.

Candidates for undergraduate degrees must complete the following requirements in general education:

ALL-UNIVERSITY REQUIREMENTS

English 1001, 1002	6 sem. hrs.
Speech Communication 1310	3 sem. hrs.
[1]Mathematics (any three-semester hours in mathematics except 1420, 1270, 3400, 3420, 3520, 3620, and 4810)	3 sem. hrs.
	12 sem. hrs.

The All University Requirements consist of courses designed to provide necessary skills for every student. In particular these skills involve writing, speaking and mathematics. In situations in which students entering the University have an obvious deficiency in one of these areas, prescribed courses must be taken in order to remedy the deficiency. The University offers several courses for students entering the University with a demonstrated deficiency (ACT Score, Diagnostic Test, etc.) in one of these areas. In all cases, these courses, (GST 1000, ENG 1000, MAT 1270) provide 2 semester hours of credit. The credit for these courses does NOT count toward graduation, however, and is NOT included in the determination of cumulative grade point average. The courses are described in the appropriate area of the catalog.

DISTRIBUTION REQUIREMENTS

Humanities (must include at least three semester hours from the following fine arts courses: Art 1650, 2340, 2652; English 2002, 2003, 2004; Fine Arts 2001, 2002; Music 2552, 2553, 2554; Physical Education 2230 and 2240, 2960; Theatre Arts 2240, 3751, and 3752	9 sem. hrs.
Mathematics-Natural Science (one course must be in a laboratory science*)	9 sem. hrs.
[2]Social Studies	9 sem. hrs.
Total	27 sem. hrs.

*Shown with an asterisk in the list given in Mathematics-Science Courses Which Apply.

COURSES ALLOWED FOR THE DISTRIBUTION REQUIREMENTS IN GENERAL EDUCATION

Notes:

Humanities subject majors are: Art, English, French, German, Music, Philosophy, Spanish, Speech Communication, Theatre Arts.

[1]A student who presents an ACT Mathematics score of 26 or above will be exempt from this requirement. The same mathematics hours may not be used to satisfy both the all-University graduation requirement for a mathematics course and as a Mathematics/Natural Science distribution requirement.

[2]*Note for Students Desiring Teacher Certification:* At least six semester hours of this requirement must be from disciplines other than psychology. A course in U.S. history or U.S. government must be taken. Students are reminded that Psychology 2310 is a prerequisite for courses taught in the College of Education.

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

[2]**Note:** 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.

Mathematics/Natural Science subject majors are: Botany, Chemistry, Geology, Mathematics (including the Computational Mathematics major), Physics, Zoology.

Social Studies subject majors are: Economics, History, Political Science, Psychology, Sociology.

Humanities Courses Which Apply

Humanities courses are those which share a common focus on the intangible elements of the human experience. Among the products of this shared intangible element are the visual and performing arts, philosophy, religion, and literature. Some humanities courses examine literature and works of art in which enduring questions about human life are addressed. (What is courage? Why do civilizations rise? Why do they fall?) Other humanities courses seek to strengthen students' competence in the actual performance of such activities as writing, painting, acting, and speaking a foreign language.

The requirement is nine semester hours from more than one subject and must include at least three semester hours from the fine arts courses listed under Humanities in the Distribution Requirements and indicated here with an +. If majoring in a humanities subject, only six semester hours from one or more of other humanities subject (including foreign language) must be taken. Courses which apply toward the nine hour requirement are as follows:

Art: + 1650, 2300, + 2340, 2651, + 2652.

Arts & Sciences: 2100 (1 sem. hr.), 3103 (Su only).

English: All courses numbered below 4000 except: 0990, 0995, 1000, 1001, 1002, 1091, 1092, 1099, 3400, 3990. (English + 2002, + 2003, and + 2004 satisfy the fine arts requirements within the humanities.

Fine Arts: + 2001, + 2002, 2003.

Foreign Languages: All courses numbered below 4000 except: Foreign Language 3400, French 3300, 3750; German 2220, 3303, 3750; Spanish 3201, 3750.

History: 1100, 1200.

Journalism: 2100.

Music: 0100, 0110, 0120, 0300, 0600, + 2552, + 2553, + 2554, 2561, 2563, 2564.

Philosophy: 1800, 1900, 2000, 2010, 2090, 3000, 3020, 3030, 3040, 3060, 3070, 3220, 3260, 3280, 3290, 3300, 3500, 3700, 3900.

Physical Education: + 2230, + 2240, 2270, + 2960.

Speech Communication: 1400, 2300, 2320, 2340, 2540, 2630.

Theatre Arts: 1133, + 2240, + 3751, + 3752.

Mathematics-Science Courses Which Apply

Mathematics-Sciences courses introduce students to the growing body of knowledge about the natural world, collected and interpreted by the set of procedures and processes called the scientific method. The courses listed below demonstrate how scientific knowledge is based upon observation and experimentation, is organized by logical reasoning (often mathematical), and is limited by both the nature of the universe and the methods chosen. Because the knowledge and theories of science are open to proof or disproof by independent observers, the insights gained have proven useful guides to understanding and controlling natural forces. Recent developments in technology require that informed citizens understand basic mathematical-scientific principles in order to make informed choices for themselves and for society.

The requirement is nine semester hours from more than one mathematics-science subject. One course must be in a laboratory science. These courses are indicated below with an asterisk. If majoring in a mathematics-science subject, only six semester hours from one or more of other mathematics-science subjects must be taken. Courses which apply toward this requirement are:

Arts & Sciences: 2100 (1 sem. hr.), 3303 (Su only).

Botany: *1010, *1022, *2340.

Chemistry: *1050, 1300 & *1315, 1310 & *1315, 1410 & *1415, 1510 & *1515.

Earth Science: *1410, *1420.

Environmental Biology: 2010.

Geology: *1400.

Life Science: *1000.

Mathematics: 1150, (1271 or 1300), (1310 or 1330), 1340, (2110 or 1441), 2120, 2250, 2550, (*2310 or *2300).

Physics: *1050, *1054, *1070, *1150, *1160, *1350.

Zoology: *1010, 2150, *2999.

Social Studies Courses Which Apply

Social Studies courses are characterized as areas of learning in which the relationships among individuals, populations, and societies are examined. Forces exerted by one individual on another, group dynamics, the development of common goals, and social behavior are studied as they impact on social systems and relations. Learning is achieved by study of the past, description of the present, and using both to predict the future. Methodology often includes descriptive and subjective data.

The requirement is nine semester hours from more than one subject. If majoring in a social studies subject, only six semester hours from one or more of other social studies subjects must be taken. Courses which apply toward the requirement are:

Afro-American Studies: 2000.
Anthropology: 2730, 2742.
Arts & Sciences: 3203 (Su only).
Economics: 2801, 2802.
Educational Foundation: 1000.
Geography: 1300, 1500.
History: 1000, 1005, 2010, 2020, 2100.
Home Economics: 2831.
Political Science: 1003, 1103, 2203, 2603.
Psychology: 2310, 2320.
Sociology: 2710, 2720.
Technology Education: 1413.

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 approximately six to eight weeks after application. 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 free 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 registration for 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 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 prior to graduation with any degree.

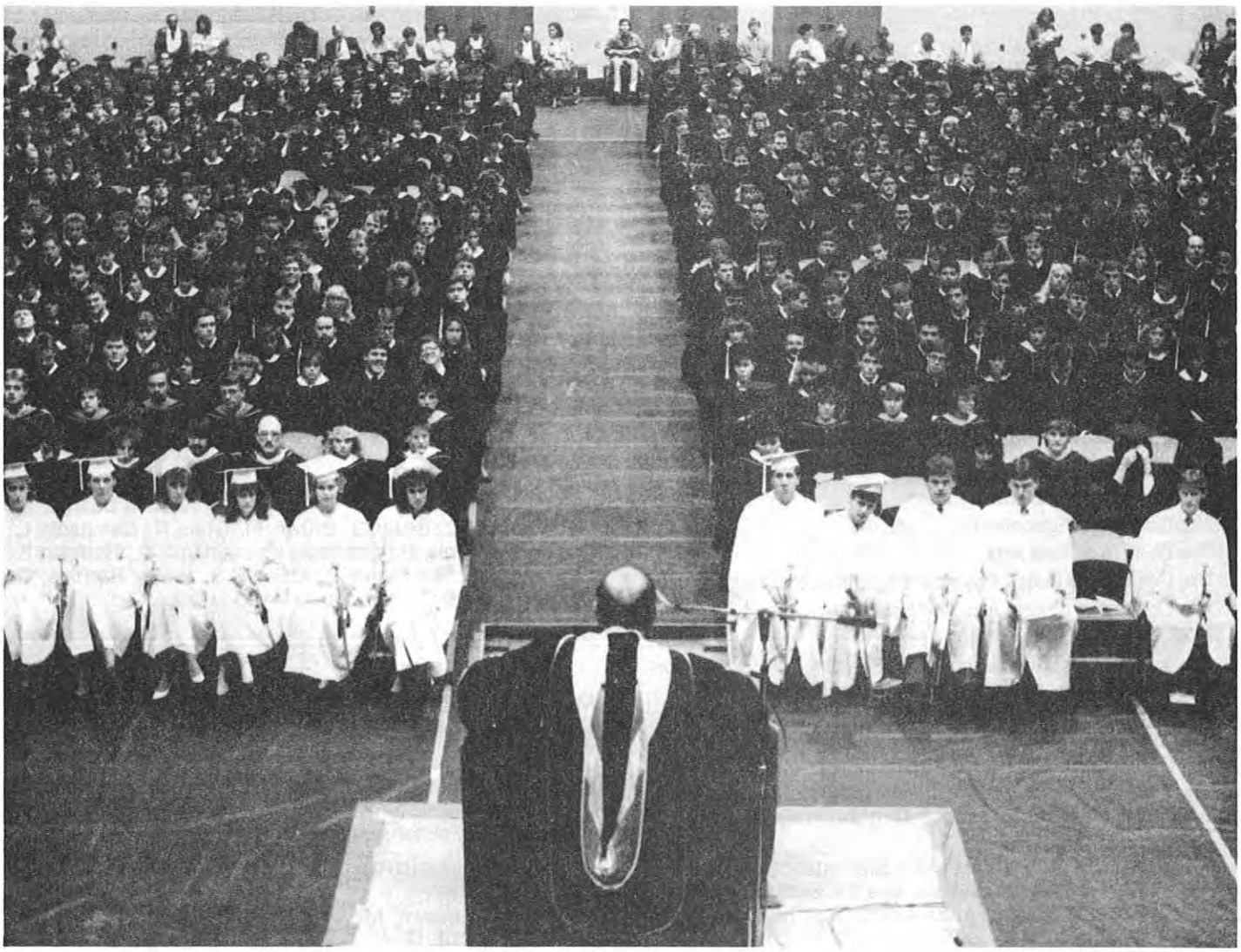
TRANSCRIPTS

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.



Booth Library

VI. COLLEGE DESCRIPTIONS AND 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 describes each college and lists any admission or graduation requirements specific to that college.

For the General Education Requirements needed for graduation by all students in the University, see the section on Academic Regulations and Requirements in this catalog.

For the requirements for the specific degree programs, see the section on Undergraduate Degree Programs in this catalog.

For the specific requirements for a degree leading to teacher certification in any of the colleges, see the section on Undergraduate Degree Programs **and** the section on Teacher Preparation in this catalog.

COLLEGE OF APPLIED SCIENCES

Barbara L. Richter, Dean
Martha S. Brown — Associate Dean
Joyce Crouse — Assistant Dean
Larry Helsel — 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, Career Occupations, 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, Assistant Dean/Chair**

Armstrong, C.; Bieler, B.; Brown, M.; Butts, R.; Campanis, L.; Dilworth, J.; Dow, R.; Gosselin, L.; Harrison, N.; Hedges, E.; Hubbard, M.L.; McAlister, P.; Ozier, S.J.; Parks, R.; Ries, C.; Slavik, J.; Snyder, P.; Strader, G.; Woodward, L.

School of Technology — **Larry Helsel, Assistant Dean/Chair**

Armel, D.; Butler, L.; Coleman, W.; Griffin, R.; Izadi, M.; Messer, J.; Nelms, H.; Richardson, R.; Sonderman, R.; Strandberg, G.; Sutliff, R.; Toosi, M.; Waskom, T.L.; Watson, C.; Woodley, D.

Career Occupations — **Richard Hofstrand, Director**

Bouldry, T.; Felstehausen, J.

Military Science (ROTC) — **Lloyd McCammon Lieutenant Colonel**

Boone, C.; Brown, M.; Clifton, W.; Evans, A.; Prenger, A.; Tritsch, T.; Yance, G.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Jon Laible, Dean
Leonard Durham — Associate Dean
Sharon Bartling — Assistant Dean
Barbara Kuykendall — Assistant to the Dean

GENERAL MISSION

The College of Liberal Arts and Sciences contributes to Eastern's goal of creating "broadly educated, responsible citizens who are prepared to serve and to lead in a free society" by providing expert instruction in the humanities, mathematics, the biological and physical sciences and the social studies. These subjects form the core of the general education component of the degrees conferred by Eastern Illinois University.

SPECIFIC PROGRAMS

The College of Liberal Arts and Sciences provides programs leading to the Bachelor of Arts in thirteen majors; ten 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 and Physics are 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, Professional Writing, and Public Relations, the College offers minors in twenty disciplines. Fourteen of these minors as well as Latin and Social Science 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. The College also participates in the interdisciplinary program in gerontology.

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

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	Johnetta Jones
Environmental Studies	William Weiler
Pre-Medical Studies	Richard C. Funk
Pre-Engineering Studies	W.M. Cloud
Pre-Legal Studies	Peter R. Leigh
Social Science Studies	Ahmad Murad

FACULTY OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

Botany — **Terry M. Weidner, Chairperson**

Arzeni, C.; Becker, S.; Crofutt, L.; Darding, R.; Ebinger, J.; Gray, G.; Methven, A.; Murphy, D.; Scott, W.; Speer, J.; Weiler, W.; Zimmerman, U.D.

Chemistry — **David W. Ebdon, Chairperson**

Black, T.H.; Buchanan, D.; Carlson, R.; Ellis, J.; Foote, C.D.; Hamerski, J.; Henderson, G.; Jordan, R.; Karraker, R.; Keiter, E.; Keiter, R.; Madigan, M.; Marquart, J.; McGuire, M.; Miller, B.E.; Osborne, K.; Shepherd, M.

Communication Disorders and Sciences — **Jill F. Nilsen, Chairperson**

Augustine, R.; Dell, C.; Dodson, B.; Hanner, M.A.; Jacques, R.; Richard, G.; Wasson, C.; Weiler, N.

Economics — **Ahmad Murad, Chairperson**

Barger, P.; Bates, L.; Brodsky, N.; Corley, E.; Dao, M.; Fahy, P.; Haney-Powell, B.; Karbassioon, E.; Lenihan, P.; Mestagh, A.; Nordin, H.; Sidwell, R.; Smith, A.; Thompson, W.; Weber, W.

English — **James R. Quivey, Chairperson**

Allison, J.; Bartling, S.; Bazargan, S.; Boswell, P.; Brayfield, P.; Carpenter, D.; Christhilf, M.; Coleman, L.; Dolton, D.; Funk, R.; Guernsey, B.; Guzlowski, J.; Hoberman, R.; Kelleher, J.; Kilgore, J.; Lazenby, W.; Leddy, M.; Loudon, M.; Lynch, J.; Martone, J.; McCormick, F.; Miller, W.; Moore, J.D.; Preston, F. Jr.; Quinn, T.; Radavich, D.; Raybin, D.; Rogers, R.; Schmudde, Carol; Searle, W.; Shonk, T.; Simpson, J.H.; Simpson, J.M.; Steinmetz, M.L.; Stevens, C.; Stokes, F.; Sylvia, R.; Wharton, R.; Whitlow, R.; Wright, G.P.; Zahlan, A.

Foreign Languages — **Leonard Durham, Acting Chairperson**

Clay Mendez, L.; Crome, R.; Dulka, R.; Harris, S.; Konrad, K.; Ortiz-Muniz, G.; Sundheim, L.D.

Geology/Geography — **Alan Baharlou, Chairperson**

Amos, D.; Gutowski, V.; Jorstad, R.; Kahn, B.; McMillan, N.; Meyer, D.; Pheifer, R.; Stratton, J.; Wallace, R.G.; Wise, R.

History — **Robert E. Hennings, Chairperson**

Beck, R.; Colbert, E.; Curran, C.; Elbert, E.D.; Haley, J.; Hammand, W.; Hockman, D.; Jones, G.; Koch, R.; Lasky, H.; Maurer, D.; McElligott, J.; Nichols, L.; Schlauch, W.; Shelton, A.; Sterling, R.

Journalism — **J. David Reed, Chairperson**

Goodrick, E.; Kaufman, S.; Ladd, M.; Lair, W.; Price, H.; Robinson, G.; Ryan, J.; Tidwell, J.; Voelz, P.; Wohlrabe, M.

Mathematics — **John W. LeDuc, Chairperson**

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

Philosophy — **HaPoong Kim, Chairperson**

Barford, R.; Baldnev, K.; Taylor, F.

Physics — **Douglas Davis, Chairperson**

Andrew, K.; Aryainejad, S.; Brandt, D.; Breig, M.L.; Cloud, W.; Conwell, J.; Eisenhour, S.; Gardner, J.; Miller, C. Jr.; Smith, P.S.; Storm, L.

Political Science — **Richard Goodrick Chairperson**

Bonnicksen, A.; Brazil, H.; Chen, Y.P.; Connelly, J.; Faust, J.; Lateef, A.; Leigh II, P.; McNitt, A.; Wandling, R.

Psychology — **Sue Stoner, Acting Chairperson**

Addison, W.; Best, J.; Blaich, C.; Boswell, D.; Coe, H.; Dodd, D.; Havey, J.; Holt, G.; Kirk, W.; Leal, L.; Livingston, I.; McCormick, C.; McGown, W.; Rearden, J.; Spencer, W.; Tucker-Ladd, C.

Sociology/Anthropology — **Robert Whittenbarger, Chairperson**

DiChiara, A.; Eckert, C.; Foster, G.; Hummel, R.; Jenkins, S.; Jones, J.; Magalis, J.; Swartzbaugh, R.; Timblin, R.; Wohlstein, R.

Speech Communication — **Douglas G. Bock, Chairperson**

Garner, D.; Hadwiger, K.; Harrison, C.; Helsel, C.; Heumann, J.; McClerren, B.; McKee, M.; McSwain, J.E.; Merritt, F.; Norberg, J.; Oglesbee, F.; Oseguera, A.; Parcells, F.; Perkins, T.; Smith, C.; West, T.; Wiley, R.; Worthen, T.

Zoology — **Richard Funk, Chairperson**

Alexander, H. Jr.; Andrews, R.; Baumgardner, K.; Chapman, M.; Costa, C.; Durham, L.; Fraembs, F.; Goodrich, M.; Hedges, F.; Hunt, L.; James, J.; James, W.; Kruse, K.; Landes, B.; Martinez, J.; Maya, J.; McGillard, K.; Miller, B.G.; Moll, E.; Nilsen, H.; Ridgeway, B.

LUMPKIN COLLEGE OF BUSINESS

Theodore W. Ivarie, Dean
Kathleen Bennett — Assistant to the Dean
Judith Hofstrand — Director of Administration and Development
Wanda Johnson — Academic Advisor
Judith Sunderman — Academic Advisor
Doreen Nelms — Admissions Officer

GENERAL MISSION

Students graduating from the Lumpkin College of Business should be prepared to contribute constructively to society and to the goals of their organizations. This preparation should qualify them for entry or advanced positions at the professional level in business, education, government, and other enterprises. As educated persons they should be able to:

1. Write and speak clearly.
2. Define and solve problems in a rational manner.
3. Promote the highest personal and professional ethical standards.
4. Recognize economic, social, and technological forces that interact with their areas of specialization.
5. Demonstrate proficiency in the business administration common body of knowledge as well as that of their academic majors, including computer technology.

To accomplish these outcomes, the Lumpkin College of Business offers a graduate program culminating in the Master of Business Administration degree as well as several undergraduate majors leading to the Bachelor of Science in Business. 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, the following requirements must be met:

1. Admitted the University **(Admission to the University does not guarantee admission to the Lumpkin College of Business.)**
2. Completed at least 42 semester hours.
3. 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 Financial Accounting
   ACC 2150 Principles of Managerial Accounting
   *DAP 2175 Computer Based Systems and Business Applications *OR* BED 2510 Computer Systems and Microcomputer Applications
   MGT 2750 Legal and Social Environment of Business
   MGT 2810 Business Statistics I
4. Classified as a pre-business major
5. Student must be in good academic standing in order to make application.

*Prospective Computer Management majors should enroll in DAP 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 Blair Hall, Room 101.

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.

Grades received from previously attended colleges that are accepted at EIU 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. 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 Financial Accounting
   ACC 2150 Principles of Managerial Accounting
   *DAP 2175 Computer Based Systems and Business Applications *OR* BED 2510 Computer Systems and Microcomputer Applications
   MGT 2750 Legal and Social Environment of Business
   MGT 2810 Business Statistics I

*Prospective Computer Management majors should enroll in DAP 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.

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.

12 sem. hrs.

FACULTY OF THE LUMPKIN COLLEGE OF BUSINESS

Accountancy/Data Processing/ Finance — **Lowell D. Bourne, Chairperson**

Angell, O.M.; Born, W.; Dudley, D.; Ghazanfari, F.; Gover, T.; Gueldner, G.; Hennig, M.; Ketler, K.; Kiefer, C.; Knott, B.D.; McGrady, D.; Moncada, T.; Monippallil, M.; Packer, J.; Pencek, T.; Rooke, J.; Schilhavy, M.; Smith, P.; Spaniol, R.; Tally, M.; Taylor, M.; Walker, L.; Walstrom, J.; Wootton, W.

Business Education/ Adminstrative Information Systems — **Lillian Greathouse, Chairperson**

Campbell, B.; Chase, D.; Elliott, T.; Graves, P.; Johnson, K.; Moncada, S.; Murry, J.; Nagy, J.; Nickles, R.; Sanders, R.; Wilkins, M.

Management/Marketing — **Marilyn Oglesby, Acting Chairperson**

Arnold, A.; Arseneau, D.; Bomball, M.; Brankey, E.; Carter, J.; Chandler, W.; Elmuti, D.; Joyner, A.; Kathawala, Y.; Lensink, S.; Marlow, E.; Marlow, N.; Maziarz, M.; Meier, R.; Perrin, B.; Preston, S.; Pyles, R.; Rinefort, F.; Roszkowski, C.; Rosenkrantz, S.; Schilhavy, R.; Schnake, M.; Shawver, D.; Stephen, P.; Weaver, M.; Weller, R.; Wilson, M.

Master of Business Administration — **Dean Dudley**

COLLEGE OF EDUCATION

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

COLLEGE OF EDUCATION

The primary mission of the College of Education is to prepare teachers and other educational personnel to have 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 entitled "Teacher Preparation."

At the graduate level the College offers Master's Degrees in a number of fields: Educational Administration and Supervision, Elementary Education, Guidance and Counseling, Information Services and Technology, 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 preparation. Requirements for admission to graduate programs are given in the Graduate Catalog.

FACULTY OF THE COLLEGE OF EDUCATION

Educational Psychology and Guidance — **Paul Overton, Chairperson**

Barnhart, P.; Eberly, C.; Kayser, L.; Matzner, K.; Moler, D.; Rawlins, M.; Saltmarsh, R.; Ward, P.

Elementary and Junior High School Education — **Louis M. Grado, Chairperson**

Brown-Sandberg, S.; Doughty, E.; Downs, D.; Floyd, T.; Foust, D.; Gile, C.; Helwig, C.; Lambert, J.; Leyden, M.; Lisowski, M.; MacLaren, F.; Malehorn, H.; McCall, A.; Nunn, G.; Ruyle, W.; Schlinsog, G.; Varble, M.; Vincent, S.; White, R.

Educational Administration — **Raymond Calabrese Chairperson**

Bartz, D.; Blade, G.; Janes, L.; Smitley, D.

Secondary Education and Foundations — **John T. North, Chairperson**

Barger, R.; Dennee, J.; Fewell, P.; Gholson, R.; Lawson, R.; Ligon, J.; Miller, B.; Mulcahy, D.; Pierson, G.; Rogers, D.; Sutton, K.; Wiseman, R.

Special Education — **Kathlene R. Shank, Chairperson**

Allred, K.; Brulle, A.; Brulle, C.; Cooper, C.; Ivarie, J.; Phillips, W.; Russell, J.; Stayton, V.; Wells, R.

Student Teaching — **Francis E. Summers, Chairperson**

Brulle, C.; Clay Mendez, L.; Dennee, J.; Elmore, W.; Flaugher, P.; Graham, B.; Griffin, R.; Grigoroff, W.; Hanner, M.; Krehbiel, H.; McCall, A.; McFarland, H.; Muller, B.; Murphy, D.; Preston, F.; Shepherd, M.; Vincent, S.; Westbrooks, S.; Williams, E.J.

COLLEGE OF FINE ARTS

Vaughn Jaenike, Dean
Beverly Gartin — Assistant to the Dean
R. Michael Watts — Director, Tarble Arts Center
Donna Meeks — Curator of Education, Tarble Arts Center

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. Finally, the College provides an effective learning environment, utilizing high-quality faculty, classrooms and laboratories equipped with state-of-the-art instruments and technology.

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**

Bodine, P.; Boshart, J.; Braun, S.; Browne, K.; Eads, H.; Emmerich, C.; Hegarty, M.; Heyduck, B.; Hild, G.; Krutza, J.; Leonard, M.; Marquardt-Cherry, J.; McRoberts, J.; Moldroski, A.R.; Nivens, C.; Rehm, D.; Sorge, W.; Wilen, C.

Music — **James Krehbiel, Chairperson**
Joseph M. Martin, Assistant

Appleby, D.; Barta, R.; Bialek, M.A.; Brawner, T.; Brinkman, J.; Coles, M.; Daniels, J.; DiBianco, D.; Goble, D.; Hardin, B.; Hayden, P.; Hesterman, P.; Hills, R.; Hillyer, H.; Horney, Al.; Krehbiel, H. Lane, J.; Lane, T.; Miller, E.J.; Sanders, G.; Sanders, K.; Snyder, R.E.; Sparks, N.; Sturgis-Everett, B.; Tracy, D.; Weidner, R.; Zwicky, G.

Theatre Arts — **E.T. Guidotti, Acting Chairperson**

Blanchette, C.; Eisenhour, J.; Paule, N.; Slott, M.; Sullivan, G.

COLLEGE OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Carol D. Pyles, Dean
Larry J. Ankenbrand — Associate Dean
Ben Timson — Acting Coordinator of Graduate Studies
Dorothy Hart — Assistant to the Dean
David Dutler — Director, Recreational Sports
Matt Cofrancesco — 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 and teacher certification, and safety and driver education); in Physical Education (including preparation in teacher certification, coaching, and athletic training, and non-teaching 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 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 Recreation by the National Aquatic Association, Red Cross, and American Camping Association.
5. Recognition of teacher preparation programs by the Illinois State Board of Education.
6. Recognition by the National Council for the Accreditation of Teacher Education.

ADMISSION REQUIREMENT

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 — **Martin A. Reed, Chairperson**

Bates, R.; Biggs, T.; Bolin, D.; Churchill, J.; Deming, M.; Doyle, K.; Freeland, K.; Hooser, R.; Leitschuh, G.; McCausland, J.; McDevitt, M.; Morrow, M.; Pyles, C.; Walker, B.; Woods, S.

Physical Education — **Phoebe Church**
Acting Chairperson

Akers, T.; Aten, D.; Batts, L.; Birkhead, C.; Carr, M.; Cartwright, K.; Church, M.; Craft, J.; Croisant, P.; D'Abbraccio, D.; DeBord, M.; Doyle, R.; Dutler, D.; Fischer, R.; Flack, D.; Flaugher, P.; Flower, L.; Gossett, G.; Hart, D.; Hazell, D.; Hilke, B.; Hussey, R.; Krause, T.; Lasley, K.; Lawson, K.; Little, G.; Lowell, W.; Marquis, J.; McCabe, W.; McCausland, R.; McFarland, G.; Melvin, R.; Moore, N.; Mosnia, C.; Nordtvedt, N.; Paap, R.; Padovan, R.; Ralston, B.; Samuels, R.; Sanders, J.W.; Schaefer, J.; Schmidt, J.; Smith, J.; Spack, B.; Spoo, R.; Stoughton, A.; Timson, B.; Tornowski, J.; Weber, D.; Weber, M.; Weber, R.; Woodall, T.; Yu, M.

Recreation and Leisure Studies — **Ewen L. Bryden, Chairperson**

Higelmire, W.; Johnson, D.; Jones, A.L.; Smith, W.

VII. UNDERGRADUATE DEGREES

RESPONSIBILITY OF STUDENTS

The requirements for each baccalaureate degree, and the majors (with options, if applicable), and other specialized curricula for the degrees, are described in the section which follows. The student has the ultimate responsibility to fulfill the requirements for the degree, 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.

DEGREES AND MAJORS

The University offers the following undergraduate degrees with appropriate majors and minors in its colleges and schools as indicated in the chart which follows:

UNDERGRADUATE FIELDS OF STUDY

Degree Programs, Majors, Minors, and Teacher Education Programs

Field of Study	School/College	Degree Major	Minor Available	Teacher Certification Option: Major	Teacher Certification Option: Minor
Accounting	Business	B.S.B.	—	—	—
Administrative Information Systems	Business	B.S.B.	—	—	—
Adult Education (minor only)	Education	—	Yes	—	—
Afro-American Studies	Arts & Sciences	B.S.	Yes	—	Yes
Anthropology (minor only)	Arts & Sciences	—	Yes*	—	—
Art	Fine Arts	—	Yes	B.A.	—
Art History Option		B.A.	—	—	—
Art Studio Option		B.A.	—	—	—
Graphic Design Option		B.A.	—	—	—
Board of Governors B.A. Program		B.A.	—	B.A.	—
Botany	Arts & Sciences	B.S.	Yes	B.S.	—
Business Administration (minor only)	Business	—	Yes	—	—
Business Education	Business	—	—		Yes (1)
Comprehensive Business Option		—	—	B.S.Ed.	—
Business Education with a Second Teaching Field Option			—	B.S.Ed.	—
Career Occupations	Technology	B.S.	—	B.S.	—
Chemistry (5)	Arts & Sciences	B.S.	Yes	B.S.	Yes
Management Option		B.S.	—	—	—
Computational Mathematics	Arts & Sciences	B.S.	—	—	—
Computer Management	Business	B.S.B.	—	—	—
Creative Writing (minor only)	Arts & Sciences	—	Yes	—	—
Earth Science (minor only)	Arts & Sciences	—	Yes	—	Yes
Economics (5)	Arts & Sciences	B.A.	Yes	—	(2)
Elementary Education (5)	Education	—	—	—	—
Early Childhood Education Option		—	—	B.S.Ed.	—
Intermediate Education Option		—	—	B.S.Ed.	—
Comprehensive Elementary Edu. Option		—	—	B.S.Ed.	—
Engineering (Cooperative)	Arts & Sciences	B.S.	—	—	—
English	Arts & Sciences	B.A.	Yes	B.A.	Yes
Environmental Biology	Arts & Sciences	B.S.	—	—	—
Finance	Business	B.S.B.	—	—	—
French	Arts & Sciences	B.A.	Yes	B.A.	Yes
Geography (minor only)	Arts & Sciences	—	Yes	—	Yes
Geology	Arts & Sciences	B.S.	Yes	—	—
German (5)	Arts & Sciences	B.A.	Yes	B.A.	Yes
Health Studies	Health, Physical	—	—	B.S.	Yes
Community Health Option	Ed & Recreation	B.S.	Yes	—	—
History (5)	Arts & Sciences	B.A.	Yes	B.A.	Yes
Home Economics (5)	Home Economics	—	Yes	B.S.	Yes
Dietetics Option		B.S.	—	—	—
Family Services Option		B.S.	—	—	—
Home Economics in Business Option		B.S.	—	—	—
Industrial Technology	Technology	B.S.	Yes	—	—
Manufacturing Technology Option		B.S.	—	—	—

Continued next page

DEFINITION OF TERMS

Degree: A degree is the title which the University confers on graduates as the result of their 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. For a list of the majors offered at Eastern Illinois University, see the list on the following pages.

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 Physics Management Option in the Physics major. For information on the options available in each major, look under the descriptions of the majors in the following section.

Field of Study	School/College	Degree Major	Minor Available	Teacher Certification Option: Major	Teacher Certification Option: Minor
Journalism	Arts & Sciences	B.A.	Yes	—	Yes
Junior High School Education	Education	—	—	B.S.Ed.	—
Latin (minor only)	Arts & Sciences	—	—	—	Yes
Management	Business	B.S.B.	—	—	—
Marketing	Business	B.S.B.	—	—	—
Mathematics	Arts & Sciences	B.A.	Yes	B.A.	Yes
Media Services (minor only)	Education	—	—	—	Yes
Medical Technology (Cooperative)	Arts & Sciences	B.S.	—	—	—
Military Science (minor only)	Technology	—	Yes	—	—
Music	Fine Arts	B.Mus.	Yes	B.Mus.	Yes
Jazz Studies Option		B.Mus.	—	—	—
Performance Option		B.Mus.	—	—	—
Theory-Composition Option		B.Mus.	—	—	—
Philosophy	Arts & Sciences	B.A.	Yes	—	—
Physical Education	Health, Physical	B.S.	—	B.S.	Yes
Athletic Training Option	Ed. & Recreation	B.S.	—	B.S.	—
Physics	Arts & Sciences	B.S.	Yes	B.S.	Yes
Management Option		B.S.	—	—	—
Political Science (5)	Arts & Sciences	B.A.	Yes	B.A.*	(2)
Professional Writing (minor only)	Arts & Sciences	—	Yes	—	—
Psychology (5)	Arts & Sciences	—	Yes	B.A.	Yes
Scientific Option		B.A.	—	—	—
Paraprofessional Option		B.A.	—	—	—
Public Relations (minor only)	Arts & Sciences	—	Yes	—	—
Recreation Administration (5)	Health, Physical Ed. & Recreation	B.S.	Yes	—	—
Safety and Driver Education (minor only)	Health, Physical Ed. & Recreation	—	—	—	Yes
Social Science	Arts & Sciences	—	—	B.A.	Yes
Sociology	Arts & Sciences	B.A.	Yes	B.A.	(2)
Spanish	Arts & Sciences	B.A.	Yes	B.A.	Yes
Special Education (5)	Education				
Elementary Special Education Option (3)		—	—	B.S.Ed.	—
Secondary Special Edu. Option (3)		—	—	B.S.Ed.	—
Early Childhood-Behavior Disorders Option (3)		—	—	B.S.Ed.	—
Speech Communication (5)	Arts & Sciences	B.A.	Yes	B.A.	Yes
Speech Pathology and Audiology	Arts & Sciences	B.S.	—	B.S. (4)	—
Technology Education	Technology	—	—	B.S.	Yes
Theatre Arts	Fine Arts	B.A.	Yes	B.A.	Yes
Zoology	Arts & Sciences	B.S.	Yes	B.S.	—

* in Social Studies.

(1) Minor options in Accountancy, General Business, Secretarial, and Typewriting-Accountancy.
(2) While teacher certification minors are not available in Economics, Political Science, and Sociology, a teacher certification minor in Social Science is available.
(3) Students majoring in Special Education will pursue a program which will result in certification in Learning Disabilities, Educable Mentally Handicapped, or Behavior Disorders (SEM).
(4) The B.S. in Speech Pathology and Audiology is toward certification; the master's degree is necessary for teacher certification.
(5) Majors in which Honors Programs are available. See also the description of the Lumpkin College of Business Honors Program in Section VI.

Undergraduate Degrees Requirements for Majors

ACCOUNTING (B.S. in Business)*

Major:

Accountancy 2100, 2150, 3030, 3041, 3051, 3701, 4050, 4610, 4850, 4900	31 sem. hrs.
Business Education 2510	3 sem. hrs.
Data Processing 4250	3 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710	3 sem. hrs.
Management 2750, 2810, 3010, 3470, 3950, 4360	18 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 2110, 2120[1]	6 sem. hrs.
Social Studies Elective	3 sem. hrs.
Non-Business Electives	7 sem. hrs.
TOTAL	86 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 Section VI.

ADMINISTRATIVE INFORMATION SYSTEMS (B.S. BUS)*

Major:

Accountancy 2100, 2150	6 sem. hrs.
Business Education 2010, 2020, 2130, 2510, 3100, 3110, 3120, 4800, 4850	26 sem. hrs.
Data Processing 4250	3 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710	3 sem. hrs.
Management 2750, 2810, 3010, 3950, 4360	15 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 2110, 2120[1]	6 sem. hrs.
Social Studies Elective	3 sem. hrs.
Non-Business Electives	7 sem. hrs.
TOTAL	81 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 Section VI.

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, 3065	6 sem. hrs.
Home Economics 4840	3 sem. hrs.
Music 2561	3 sem. hrs.
Psychology 4700	3 sem. hrs.
Sociology 2710, 3810, 4740	9 sem. hrs.
A maximum of three courses chosen from: Afro-American Studies 4275, 4400, Anthropology 2730, 3611, Educational Foundation 1000, 3500, Data Processing 2175, Geography 3775, History 1100, Journalism 3951, Political Science 4774, 3723, 3383, 4843, Sociology 2720, 2761, 4721, 4770, Business Education 1420, Management 2460, 3010, Zoology 2150	9-10 sem. hrs.
TOTAL	45-46 sem. hrs.

(Major GPA based on specific required courses.)

ART (B.A.)

Major (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.
Elective chosen from: Art 2300, 3630, 3641, 3642, 3651, 3652, 3660, 3670, 3680, 3690, 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 courses 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, 3000, 3051, 3052, 3080, 3110, 3570, 3910, 3920, 4000, 4051, 4052, 4400, 4580; 9 sem. hrs. chosen from Art History or Area II

TOTAL 36 sem. hrs.

THREE-DIMENSIONAL COURSES

9 sem. hrs. from Art 2250, 2700 and 2800, plus 18 sem. hrs. from Art 3110, 3111, 3112, 3251, 3252, 3701, 3702, 3801, 3802, 4111, 4112, 4251, 4252, 4400, 4701, 4702, 4800; 9 sem. hrs. chosen from Art History or Area I

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.
Technology Education 1364, 3123, 3043, 3053 ..... 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 2460, 3010, 3340, 3450, Marketing 3470, Speech-Communication 2530 ..... 6 sem. hrs.

TOTAL ..... 72 sem. hrs.

(Major GPA based on all art and technology education 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, 4790 ..... 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 media; 3 sem. hrs. Art history courses 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 Section X, Teacher Preparation.

BOARD OF GOVERNORS DEGREE PROGRAM (B.A.)

The Board of Governors degree program is an individualized, non-traditional 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
Illinois and U.S. Constitution Examination or the equivalent
Writing Competency Examination at the junior level
Minimum 2.00 cumulative grade-point average

Note: Students pursuing the Board of Governors degree who wish to qualify for an Illinois Teaching Certificate should consult both the Director of the Board of Governors B.A. program and the Certification Office in the College of Education.

Note: No credit is awarded for a course grade of D after a student has been admitted to the program.

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 1000, 3200 ..... 6 sem. hrs.
Zoology 1010 ..... 4 sem. hrs.
Electives in Botany (except Botany 3450) or Environmental Biology 4750, or Zoology 4840 ..... 9 sem. hrs.
Electives in Mathematics/Science[1] ..... 12 sem. hrs.

TOTAL ..... 66 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 2010 ..... 3 sem. hrs.
Life Science 1000, 3200, 3400 ..... 9 sem. hrs.
Zoology 1010, 2000 or 2100; 2999 or 3100; 3300 ..... 13-15 sem. hrs.
Electives in botany and/or zoology (except Botany 3450 and Zoology 4400) or Environmental Biology 4750 ..... 6 sem. hrs.

TOTAL ..... 55-57 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 the section on Teacher Preparation.

BUSINESS EDUCATION (B.S. IN EDUCATION)

Comprehensive Business Education Option (Standard High School Certificate. No minor required.)*

Students will complete the following courses and in consultation with an advisor select additional hours in the area of secretarial, basic business, vocational office occupations, or vocational marketing, depending on their career objectives.

Accountancy 2100, 2150 ..... 6 sem. hrs.
Business Education 1420, 2010, 2510, 3000, 3400 ..... 13 sem. hrs.
Business Education 2130 or 2 of Business Education 1110, 1120, 2130 ..... 3-6 sem. hrs.
Economics 2801, 2802 ..... 6 sem. hrs.
Business Electives ..... 16-20 sem. hrs.

TOTAL ..... 44-51 sem. hrs.

*For the education coursework required for this option, see Section X, Teacher Preparation.

BUSINESS EDUCATION WITH A SECOND TEACHING FIELD OPTION (Standard High School Certificate. Minor in a second teaching field required.)*

Students will complete the following courses and in consultation with an advisor select a minor in a second teaching field, in accordance with their career objectives.

Business Education 1110, 1120	0-6 sem. hrs.
Business Education 2130	3 sem. hrs.
Business Education 1420, 2020, 2510, 3000	12 sem. hrs.
Business Education 3400, 3401, 3402	3 sem. hrs.
Accountancy 2100, 2150	6 sem. hrs.
Economics 2801, 2802	6 sem. hrs.
Management 2750	3 sem. hrs.
TOTAL	33-39 sem. hrs.

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

*For the education coursework required for this option, see Section X, Teacher Preparation.

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 evaluation of a portfolio.

General Requirements:

English 1001, 1002	6 sem. hrs.
Health Studies 1200	2 sem. hrs.
Speech Communication 1310	3 sem. hrs.
Mathematics course	3 sem. hrs.
Humanities*	9 sem. hrs.
Social Studies	9 sem. hrs.
Mathematics/Natural Science	9 sem. hrs.
Senior Seminar	2 sem. hrs.

Major Requirements:

Occupational Education 4810	3 sem. hrs.
Occupational Education 4820	3 sem. hrs.
Occupational Education 4830	3 sem. hrs.
Technical Specialization	20 sem. hrs.
Prior Occupational Learnings	30 sem. hrs.**

Electives:

Occupational Education 3300	1-20 sem. hrs.
Occupational Education 4275	1-15 sem. hrs.
Occupational Education 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:

*Three sem. hrs. must be from the approved courses list.

**Credit may be granted via OED 3200 or other course numbers within the particular academic department via preparation and submission of a portfolio which explicitly describes collge-level learnings based on prior occupational experiences.

***Must contain at least 25 sem. hrs. of courses from EIU.

****Teacher certification applicants may complete either the Regular Program Courses or the Alternate Secondary Education Program (ASEP) described in the Section on Teacher Preparation.

Training/Development: Nine semester hours of courses such as:

Occupational Education 4800
Occupational Education 4840
Educational Psychology 3325
Educational Foundation 4750
Secondary Education 4751
Secondary Education 4850
Information Services and Technology 4870

Supervision/Leadership: Nine semester hours of courses such as:

Occupational Education 3500
Occupational Education 4300
Industrial Technology 4943
Psychology 3250
Psychology 3530
Information Services and Technology 4750
Economics 4751
Business Education 4750
Management 3010

Option in Career Occupations with Teacher Certification Standard High School Certification

General Requirements:

English 1001, 1002	6 sem. hrs.
Health Studies 1200	2 sem. hrs.
Speech Communication 1310	3 sem. hrs.
Mathematics course	3 sem. hrs.
Humanities*	9 sem. hrs.
Social Studies (exclusive of psychology)	3 sem. hrs.
Mathematics/Natural Science	9 sem. hrs.
Senior Seminar	2 sem. hrs.

Major Requirements:

Occupational Education 4810	3 sem. hrs.
Occupational Education 4820	3 sem. hrs.
Occupational Education 4830	3 sem. hrs.
Technical Specialization	20 sem. hrs.
Prior Occupational Learnings	30 sem. hrs.**

Electives:

Occupational Education 3300	1-20 sem. hrs.
Occupational Education 4275	1-13 sem. hrs.
Occupational Education 4300	3 sem. hrs.
Occupational Education 4913, 4923	6 sem. hrs.

Certification Requirements:

Psychology 2310	3 sem. hrs.
U.S. History or U.S. Government	3 sem. hrs.
Health or Physical Education	1 sem. hr.

(Alternate Secondary Education Program [ASEP])****

Secondary Education 3000	3 sem. hrs.
Secondary Education 3100	3 sem. hrs.
Occupational Education 4800 (methods course)	3 sem. hrs.
Secondary Education 4000 (student teaching)	14 sem. hrs.

- OR -

(Regular Program Courses)****

Educational Psychology 3325 and Secondary Education 3330	6 sem. hrs.
Educational Foundation 4450	3 sem. hrs.
Occupational Education 4800	3 sem. hrs.
Occupational Education 4275	3 sem. hrs.
Special Education 3500	3 sem. hrs.
Student Teaching 4000, 4001	5 sem. hrs.
Electives to total	120 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)	6 sem. hrs.
[2]Mathematics 1441, 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.

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, 3940, 4001)	3 sem. hrs.
[1]Course(s) in Computer Programming	2-3 sem. hrs.
Mathematics 1441, 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 must be elected to meet certification requirements for teaching in this area. Physics 1370 is recommended.

*For the education coursework required for this option, see Section X, Teacher Preparation.

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, 3940, 4001)	3 sem. hrs.
[1]Course(s) in Computer Programming	2-3 sem. hrs.
Finance 3710	3 sem. hrs.
Economics 2801, 2802	6 sem. hrs.
Management 2460, 2810, 3010	9 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 2120, 1441, 2442	13 sem. hrs.
[2]Physics 1350, 1360	8 sem. hrs.
Electives in Accountancy, Data Processing, 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]Data Processing 2175 or Mathematics 2300 and Chemistry 3940 are suggested.

[2]Physics 1370 is recommended.

Honors Program for Chemistry Majors with 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 point scale, permission of the Director of Honors Programs, and permission of the Departmental Honors Coordinator.

Departmental Honors Requirements: At last 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	1-3 sem. hrs.
CHM 4555 Honors Research	1-3 sem. hrs.
A Chemistry graduate course approved by the Departmental Honors Coordinator	3 sem. hrs.

COMPUTATIONAL MATHEMATICS (B.S.)

Major:

Data Processing 2310	3 sem. hrs.
Mathematics 1441, 2310, 2345, 2442, 2443, 2550, 2670, 3530, 3570, 3670, 3701, 3702, 4870, 4970	48 sem. hrs.
Mathematics 4275*	10 sem. hrs.
Electives chosen from Data Processing 3290, Mathematics 3501, 3502, 3770, 4750, 4760, 4850, Physics 3150	6-8 sem. hrs.
TOTAL	67 sem. hrs.

*Up to 15 sem. hrs. may be taken but only 10 sem. hrs. count toward major.

COMPUTER MANAGEMENT (B.S. IN BUSINESS)

Major:

Accountancy 2100, 2150	6 sem. hrs.
Data Processing 2175, 2300, 2310, 3290, 3310, 3330, 4610	21 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710	3 sem. hrs.
Management 2750, 2810, 3010, 3950, 4360	15 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 2110, 2120[1]	6 sem. hrs.
Social Studies Elective	3 sem. hrs.
Non-Business Electives	7 sem. hrs.
Two of the following: Data Processing 3190, 4810, Management 3800, 3820, or Mathematics 3670	6 sem. hrs.
TOTAL	79 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.

ECONOMICS (B.A.)

Admission to this program requires a minimum of 2.25 cumulative grade point average on 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 3991 (or Management 2810), 3992, 4801, 4802, whether the course or its equivalent is taken at Eastern or at another school.

Major*:

Economics courses including Economics 2801, 2802, 3991 or Management 2810[1]; 3992, 4801, 4802; and excluding 3810 ..... 36 sem. hrs.
Mathematics 2110, 2120[2] ..... 6 sem. hrs.

TOTAL ..... 42 sem. hrs.

(Major GPA based on all economics courses taken at Eastern Illinois University, excluding Economics 3810.)

[1]Substitution of Management 2810 for Economics 3991 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 2110 and 2120 before enrolling in Economics courses numbered 4750 and above.

Honors Program for Economics Majors with 3.50 Cumulative GPA

To be admitted to the honors program, students must have a 3.5 grade point average on a 4.0 scale, permission of the Director of Honors Programs, and permission of the 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 towards the hours requirement for the major.

ELEMENTARY EDUCATION (B.S. Ed.)

Three distinct options offered through the Elementary Education Curriculum are: Early Childhood, Comprehensive, and Intermediate. The Early Childhood option leads to an Early Childhood Certificate (preschool through grade three); Comprehensive and Intermediate options lead to Standard Elementary (kindergarten through grade nine) Certificate. The Comprehensive option emphasis is on grades kindergarten through six; the Intermediate option emphasis is on grades four through eight and also provides subject matter specialization (endorsement).

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 his/her designated representative.

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

General Education Coursework:

Art 1650 ..... 3 sem. hrs.
English 1001, 1002, 3405 ..... 9 sem. hrs.
[1]Health Studies 1200 ..... 2 sem. hrs.
History (U.S.)* ..... 3 sem. hrs.
Life Science 1000 ..... 3 sem. hrs.
[2]Mathematics 1420, 3420 ..... 6 sem. hrs.
Music 1421 ..... 2 sem. hrs.
[3]Natural Science—electives* ..... 9 sem. hrs.
Political Science 1103 ..... 3 sem. hrs.
Psychology 2310 ..... 3 sem. hrs.
[4]Senior Seminar ..... 2 sem. hrs.
[5]Social Science elective*..** ..... 6 sem. hrs.
Speech Communications 1310 ..... 3 sem. hrs.
[6]Area of Concentration** ..... 18 sem. hrs.

Professional Coursework:

Art 2440 or Music 3420 ..... 2 sem. hrs.
Educational Foundations 4450 ..... 3 sem. hrs.
Elementary Education 2321, 3250, 3281, 4770, 4775, 4776, 4880 ..... 21 sem. hrs.
Home Economics 3853, 4854 ..... 6 sem. hrs.
Physical Education 3600 ..... 2 sem. hrs.
Special Education 3000 or 3500 ..... 3 sem. hrs.
[7]Student Teaching 4001 ..... 10 sem. hrs.

*Must be taken from the Distribution Requirements in General Education, page 44 of the 1989-1990 University catalog.

**At least one 3 sem. hrs. course must be taken in non-western or third world cultures in the Social Sciences or Area of Concentration.

[1] May be satisfied by passing the Health Competency examination, in which case the student must substitute one (1) sem. hr. in Physical Education or Health Studies elective.

[2] Students may be exempted on the basis of mathematics placement tests.

[3] Must include coursework in Physics and/or Chemistry with laboratory.

[4] Must be taken outside major.

[5] Must be selected from Anthropology, Economics, Geography, History, Political Science, and Sociology.

[6] Must include 9 sem. hrs. of upper division credit. See Areas of Concentration listed for Early Childhood and General Options.

[7] Minimum of four (4) weeks at preschool and six (6) weeks in primary grades.

Elementary Education: Comprehensive Option; Standard Elementary Certificate (K-9)

General Education Coursework:

Art 1650	3 sem. hrs.
English 1001, 1002, elective*	9 sem. hrs.
[1]Health Studies 1200	2 sem. hrs.
History (U.S.)*	3 sem. hrs.
Humanities elective*.**	3 sem. hrs.
Life Science 1000	3 sem. hrs.
Mathematics 1420, 3420	6 sem. hrs.
Music 1421	3 sem. hrs.
[2]Natural Science electives*	9 sem. hrs.
Political Science 1103	3 sem. hrs.
Psychology 2310	3 sem. hrs.
Senior Seminar	2 sem. hrs.
[3]Social Science elective*.**	3 sem. hrs.
Speech Communication 1310	3 sem. hrs.
[4]Area of Concentration	18 sem. hrs.

Professional Coursework:

Art 2440 or Music 3420	2 sem. hrs.
Educational Foundation 4450	3 sem. hrs.
Elementary Education 2000, 2022, 2320, 3000, 3340, 3350, 3280, 3290, 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 sem. hrs.

*Must be taken from the Distribution Requirements in General Education page 44 of the catalog.

**At least one 3 sem hrs. course must be taken in non-western or third world cultures in Social Sciences or Humanities in fulfillment of General Education or Area of Concentration.

[1] Health Education students who are excused from HST 1200 by passing the competency examination must substitute other work in Physical Education or Health, since 3 sem. hrs. must be taken in Physical Education and/or Health to meet state certification requirements.

[2] Must include coursework in Physics and/or Chemistry with lab.

[3] Must be selected from Anthropology, Economics, Geography, History, Political Science, and Sociology and are to be selected from the list of "Distribution Requirements in General Education" page 44 of the catalog.

[4] Must include 9 sem. hrs. upper division coursework. See Areas of Concentration listed for Early Childhood and Comprehensive Options.

An Area of Concentration consists of courses taken to fulfill General Education requirements in Early Childhood and Comprehensive Options.

Students should select one Area of Concentration consisting of 18 sem. hrs., nine of which must be upper division.

Early Childhood and Comprehensive Options

Areas of Concentration: (18)

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, 2651, 2652, 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 the following areas: Art, Fine Arts, Music, and Theatre Arts. Two areas must be represented.

Foreign Language

Courses must be selected from one foreign language.

Mathematics

Courses to total eighteen semester hours in Mathematics other than methods courses.

Music

Courses must include MUS 1541, 3553, 3653, 3654. Six semester hours must be selected from: Applied Music (may be retaken); Music Ensembles (may be retaken); MUS 1136, 1201, 1202, 1203, 1204, 1543, 1544, 2070, 2201, 2203, 2204, 2552.

Social Science

Courses may be selected from Anthropology, Economics, Geography, History, Political Science, Psychology, and Sociology. Two disciplines must be represented.

Elementary Education: Intermediate Option; Standard Elementary Certificate (K-9) with Subject Area Endorsement.

General Education Coursework:

Art 1650	3 sem. hrs.
English 1001, 1002, elective*	9 sem. hrs.
[1]Health Studies 1200	2 sem. hrs.
History 2010	3 sem. hrs.
Humanities elective**	3 sem. hrs.
Life Science 1000	3 sem. hrs.
Mathematics 1420, 3420	6 sem. hr.
Music 1421	3 sem. hrs.
[2]Natural Science electives*	9 sem. hrs.
Political Science 1103	3 sem. hrs.
Psychology 2310, 3521	6 sem. hrs.
Senior Seminar	2 sem. hrs.
Speech Communication 1310	3 sem. hrs.
[3]Subject Area**	18 sem. hrs.

Professional Coursework:

Educational Foundations 4450	3 sem. hrs.
Elementary Education 2000, 2022, 2320, 3280, one from: 3340, 3350, or MAT 3620, 4880	15-16 sem. hrs.
Junior High Education 3110, 3150, 4760	9 sem. hrs.
[4]Mathematics 3520	1 sem. hr.
Physical Education 3600	2 sem. hrs.
Special Education 3000 or 3500	3 sem. hrs.
[5]Student Teaching 4001	10 sem. hrs.

*Must be taken from the Distribution Requirements in General Education on page 00 of the catalog.

**At least one 3 sem. hr. course must be taken in non-western or third world cultures in Humanities or Subject Area.

[1] May be satisfied by passing the Health Competency Examination, in which case the student must substitute other work in Physical Education or Health, since 3 sem. hrs. must be taken in Physical Education or Health to meet state certification requirements.

[2] Must include coursework in Physics and/or Chemistry with lab.

[3] Subject Areas must include 9 sem. hrs. of upper division coursework. An area of specialization leads to subject area endorsement. See Subject Areas listed for Intermediate Option.

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

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

Intermediate Option Subject Areas: (18)

Biological Sciences

Requirements include general education natural science coursework; Botany, Environmental Biology, Life Science, or Zoology. Total coursework in science Subject Area must include both Botany and Zoology.

Language Arts

Requirements include: ENG 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.

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.

Honors Program for Elementary Majors with a 3.50 Cumulative GPA

The curriculum listed below meets the all-university General Education requirements as well as Illinois State requirements for teacher certification.

Students may apply for admission to the program after completing 24 but less than 90 semester hours toward graduation, including at least 15 semester hours at Eastern Illinois University. Students submit an application to the chairperson of the Department of Elementary and Junior High School Education.

Art 1650	3 sem. hrs.
Elementary Education 2022, 2320, 3240, 3270, 3280, 3290, select one: Elementary Education 4480, 4490, 5260, or Junior High School Education 4280	20 sem. hrs.
Educational Foundation 4450	3 sem. hrs.
English 1001, 1002	6 sem. hrs.
Health Studies 1200[1]	2 sem. hrs.
Life Science 1000	3 sem. hrs.
Mathematics 1420, 3420, 3520	7 sem. hrs.
Music 1421	3 sem. hrs.
Physical Education 3600	2 sem. hrs.
Psychology 2310	3 sem. hrs.
Natural Sciences electives[2]	6 sem. hrs.
Social Studies electives[3] (see distribution requirements)	6 sem. hrs.
Special Education 3000 or 3500	3 sem. hrs.
Speech Communication 1310	3 sem. hrs.
Student Teaching 4001	8 sem. hrs.
U.S. history or U.S. government	3 sem. hrs.
Humanities (see General Education requirements)	3 sem. hrs.
Senior Seminar	2 sem. hrs.
Electives needed to total 120 sem. hrs.	

[1] May be satisfied by passing the Health Competency Examination, in which case the student must substitute one (1) semester hour in Physical Education or Health Studies elective.

[2] Must include laboratory coursework in Physics and/or Chemistry.

[3] Six semester hours of social studies to be chosen from at least two of the following: Anthropology, Economics, Geography, History, Political Science, Sociology.

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 1001, 1002 ..... 6 sem. hrs.
Health Studies 1200 ..... 2 sem. hrs.
Humanities electives ..... 9[1] sem. hrs.
Industrial Technology 1043 ..... 3 sem. hrs.
Mathematics 1441, 2442, 2443, 3501 ..... 17 sem. hrs.
Physics 1000, 1350, 1360, 1370, 2390, 2400, 3260 ..... 22 sem. hrs.
Speech Communication 1310 ..... 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 insure 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 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.
Any two courses from Group 2 except 2006 and 2008 in combination ..... 6 sem. hrs.
Two courses from each of Groups 3, 4, and 5 ..... 18 sem. hrs.
Four addition courses in English
OR
Eight semester hours of a single foreign language (excluding conversational courses) and two additional courses in English ..... 12-14 sem. hrs.

TOTAL ..... 51-53 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, 1001, 1002, 1091, 1092, and 1099, taken at Eastern Illinois University.)

Option in English with Teacher Certification* Standard High School Certificate with no minor required

English 2601, 2901, 3001, 3400, 4300, 4950 ..... 18 sem. hrs.
Any two courses from Group 2 except 2006 and 2008 in combination ..... 6 sem. hrs.
Two courses from each of Groups 3, 4, and 5 ..... 18 sem. hrs.
Three additional courses in English
OR
Eight semester hours of a single foreign language (excluding conversational courses) and one additional course in English ..... 9-11 sem. hrs.

TOTAL ..... 51-53 sem. hrs.

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

*For the education coursework required for this option, see Section X, Teacher Preparation.

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.
Any two courses from Group 2 except 2006 and 2008 in combination ..... 6 sem. hrs.
Two courses from each of Groups 3,4, and 5 and one additional course in English
OR
Eight semester hours of 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 ..... 21-23 sem. hrs.

TOTAL ..... 45-47 sem. hrs.

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

*For the education coursework required for this option, see Section X, Teacher Preparation.

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	8 sem. hrs.
Economics 3810	3 sem. hrs.
Earth Science 1410 or 1420 or Geology 1400	3-4 sem. hrs.
Environmental Biology 2010, 4275, 4750	18 sem. hrs.
Life Science 1000, 3200	7 sem. hrs.
Zoology 1010, 2000 or 2100, 3300, 3020 or 3700	13-15 sem. hrs.
Any two of: Botany 4811, Zoology 4800, 4810	6 sem. hrs.
TOTAL	75-78 sem. hrs.

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

FINANCE (B.S. IN BUSINESS)*

Major:

Accountancy 2100, 2150	6 sem. hrs.
Business Education 2510	3 sem. hrs.
Data Processing 4250	3 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710, 3720, 3730, 4830	12 sem. hrs.
Management 2750, 2810, 3010, 3950, 4360	15 sem. hrs.
Marketing 3470	3 sem. hrs.
[1] Mathematics 2110, 2120	6 sem. hrs.
Social Studies Elective	3 sem. hrs.
Non-business Electives	7 sem. hrs.
Five of (at least three must be Finance): Finance 3740, 3750, 3760, 3900, 4200, 4820, Management 3480, 3800, Accountancy 4800	15 sem. hrs.
TOTAL	82 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 Section VI.

FOREIGN LANGUAGE—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.

Note: Students with high school units of foreign language do not receive university credit for those units. See Section IX under Foreign Languages.

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

Honors Program for German Majors with 3.50 Cumulative GPA

Admission to the Honors Program requires a 3.50 GPA on a 4 point scale and permission of the Director of the Honors Programs and the Departmental Honors Coordinator.

Departmental 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.
	12 sem. hrs.

plus

32 semester hours in German beyond German 2201.

TOTAL . . . . . 44 sem. hrs.

Foreign Language—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 3200, 3400, 3510	7 sem. hrs.
TOTAL	39 sem. hrs.

Note: Students do not receive university credit for high school units in French or Spanish. (See Section IX under Foreign Languages.)

(Major GPA is based on Foreign Language 3400 and all courses in the major language taken at Eastern Illinois University.)

Note: Courses taken on credit/no credit basis do **not** count toward this minor.

*For the education coursework required for this option, see Section X, Teacher Preparation.

Foreign Language—German with Teacher Certification* Standard High School Certificate

German courses numbered beyond 2201	32 sem. hrs.
Foreign Language 3400	3 sem. hrs.
TOTAL	35 sem. hrs.

Note: Students do not receive university credit for high school units in German. (See Section IX under Foreign Languages.)

(Major GPA is based on Foreign Language 3400 and all courses in German taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

GEOLOGY (B.S.)

Major:

Geology 1400, 2430, 2440, 3405, 3420, 3430, 3510, 4460, 4465, 4490 . . . . . 36 sem. hrs.
Electives from: Geology 3525, 3460, 3470, 3490, 4000, 4200, 4450, 4480, 4891, 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, 1441 . . . . . 7 sem. hrs.
Physics 1150, 1160 . . . . . 8 sem. hrs.
Life Science 1000 . . . . . 3 sem. hrs.
Zoology 1010 or Botany 1010 . . . . . 4 sem. hrs.

TOTAL . . . . . 75 sem. hrs.

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

HEALTH STUDIES (B.S.)

Major: Health Studies
Community Health Option

Core: Health Studies 1200, 2250, 2270, 3196, 3199, 3270, 3700, 3750, 3765, 4250, 4275, Zoology 2999 . . . . . 39 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.
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 . . . . . 30 sem. hrs.
Zoology 2999 . . . . . 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 3190, 1150
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, Sociology 4702

TOTAL . . . . . 45 sem. hrs.

(Major GPA based on health studies courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

HISTORY (B.A.)

Major:

History 1100, 2010, 2020, 3000, 3005, 3500 . . . . . 18 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 . . . . . 27 sem. hrs.

TOTAL . . . . . 45 sem. hrs.

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

Option in History
with Teacher Certification*
Standard High School Certificate

History 1100, 2010, 2020, 3000, 3005, 3500 . . . . . 18 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 . . . . . 3 sem. hrs.

TOTAL . . . . . 39 sem. hrs.

(Major GPA based on Social Science 3400 and all history courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

Honors Program for History Majors with 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have a 3.5 CGPA and a major GPA of 3.5 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.

Departmental Honors Requirements:
Honors students must complete the following 12 semester hours with a 3.5 GPA.

HIS 4444 Honors Independent Study ..... 3 sem. hrs.
HIS 4644 Honors Thesis ..... 3 sem. hrs.
Either HIS 4666 Honors Seminar or HIS 4555 Honors Research depending upon departmental scheduling ..... 3 sem. hrs.
HIS 5000-5499 Graduate Seminar ..... 3 sem. hrs.

Honors students must complete all other departmental requirements with a 3.5 GPA as well as a 3.5 CGPA. They may not receive credit for both HIS 4444 and HIS 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.

HOME ECONOMICS (B.S.)

Major (Home Economics):
Option in Dietetics

Botany 2340 ..... 3 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315), 1410, 1415, 3430, 3435, 3450 ..... 16 sem. hrs.
Economics 2801 ..... 3 sem. hrs.
Home Economics 1120, 1150, 2244, 2800, 2850, 3120, 3140, 3151, 3300, 4140, 4274, 4275, 4400, 4750, 4751, 4940 ..... 44 sem. hrs.
Management 3010 ..... 3 sem. hrs.
Mathematics 1271 or higher (except Mathematics 2250) ..... 3 sem. hrs.
Psychology 2310, 3530 ..... 6 sem. hrs.
Sociology 2710 ..... 3 sem. hrs.
Secondary Education 1099 or Business Education 2510 or Mathematics 2250 or Psychology 2610 or Sociology 3610 ..... 3 sem. hrs.
Zoology 2999 ..... 3 sem. hrs.

TOTAL ..... 91-92 sem. hrs.

Option in Home Economics in Business

Accountancy 2100 ..... 3 sem. hrs.
Business Education 1420, 2510 ..... 6 sem. hrs.
Economics 2801, 2802 ..... 6 sem. hrs.
Home Economics 1150, 2244, 2250, 2800, 3300, 3920, 4274, 4275, 4400, 4770 ..... 25 sem. hrs.
Journalism 3820 ..... 3 sem. hrs.
Management 3010 ..... 3 sem. hrs.
Marketing 3470 ..... 3 sem. hrs.
Psychology 2310 ..... 3 sem. hrs.
Area I or II or III or IV ..... 29-39 sem. hrs.

TOTAL ..... 77-86 sem. hrs.

Area I (Foods and Nutrition): A minimum of 34 semester hours of coursework including study in microbiology, business and product communications, chemistry, foods and nutrition, and family and institutional food management.

Area II (Fashion and Merchandising): A minimum of 32 semester hours of coursework including study in fashion buying and distribution, business and product communications, clothing construction, textiles, social and historic aspects of clothing, housing and home furnishings, and consumer issues.

Area III (Consumer Affairs): A minimum of 25 semester hours of coursework including study in the areas of accounting, business and product communications, personal and financial investments, foods principles, housing, consumer issues, legal concerns, and social behavior.

Area IV (Hospitality Services): A minimum of 30 semester hours of coursework including study in the areas of microbiology, foods principles, hospitality industry operations and administration, institutional foods, food management systems, legal concerns, and internship.

Option in Family Service

Educational Guidance 4900 ..... 3 sem. hrs.
Home Economics 1120, 1150, 2244, 2270, 2800, 2850, 3300, 3307, 4274, 4400, 4275 (3 sem. hrs.), 3853, 4845 ..... 35 sem. hrs.
Select 13 sem. hrs. from the following:
Home Economics 3800, 3820, 4300, 4753, 4840, 4846, 4851, 4854, 4859, 4860 ..... 13 sem. hrs.
Psychology 2310, 3521, 4780 ..... 9 sem. hrs.
Sociology 2710, 2720, 3600 ..... 9 sem. hrs.
Psychology or Sociology electives ..... 6 sem. hrs.

TOTAL ..... 75 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, 1150, 2234, 2244, 2250, 2270, 2800, 2850, 3140, 3235, 3300, 3307, 3400, 3853, 4275 (6 sem. hrs.), 4400, 4840 ..... 52 sem. hrs.
Economics 2801, Psychology 2310; 3 sem. hrs. in History 2010 or 2020 or Political Science 1103 ..... 9 sem. hrs.
Health Studies 1200 plus 1 sem. hr. in Health Studies or Physical Education ..... 3 sem. hrs.

TOTAL ..... 64 sem. hrs.

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

*For the education coursework required for this option, see Section X, Teacher Preparation.

Honors Program for Home Economics Majors with 3.50 Cumulative GPA

To be admitted to the Departmental Honors Program, students must have a 3.50 grade point average on a 4 point scale, and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Departmental Honors Requirements:

A. 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 Seminar approved by the School of Home Economics Honors Coordinator . . . . . 3 sem. hrs.

B. 12 semester hours
- HEC 1150 Nutrition . . . . . 3 sem. hrs.
- HEC 2800 Family Relationships . . . . . 3 sem. hrs.
- HEC 3300 Consumer Education . . . . . 3 sem. hrs.
- HEC 4400 History/Phil. of Home Economics . 3 sem. hrs.

INDUSTRIAL TECHNOLOGY (B.S.)

Major:

- Chemistry (1310, 1315) or (1300, 1315); (1410, 1415) or (1510, 1515) . . . . . 8 sem. hrs.
- Economics 2801, 2802, 3890 . . . . . 9 sem. hrs.
- Health Studies 3350 . . . . . 2 sem. hrs.
- Industrial Technology 1043, 3012, 3043, 3703, 4002, 4043, 4943 . . . . . 19 sem. hrs.
- Management 3010, 3830 . . . . . 6 sem. hrs.
- Data Processing 1250, 2175 or Mathematics 2310 . . . . . 3 sem. hrs.
- Mathematics 1340 and 2110; or 1441 . . . . . 5-6 sem. hrs.
- Physics (1350, 1360) or (1150, 1160) . . . . . 8 sem. hrs.
- Psychology 3530 . . . . . 2 sem. hrs.
- Technology Education 1263, 1413, 2324 . . . . . 10 sem. hrs.
- Technical concentration in electronics, construction, manufacturing processes, or general . . . . . 12 sem. hrs.

TOTAL . . . . . 84-85 sem. hrs.

Technical Concentration I: Electronics: A minimum of 12 semester hours of coursework including study in the areas of digital electronics, semi-conductors, circuits, microprocessor electronics, and industrial electronics.

Technical Concentration II: Construction: A minimum of 12 semester hours of coursework including study in the areas of architectural drafting, surveying, cost estimating, construction management and business law.

Technical Concentration III: Manufacturing Processes: A minimum of 12 semester hours of coursework including study in the areas of casting, metallurgy, fabrication, and machining technology.

Technical Concentration IV: General: A minimum of 12 semester hours of in-depth technological courses to be selected by the student in consultation with the advisor and with the approval of the faculty. The plan must include a minimum of nine semester hours of upper division courses. The approved plan shall be submitted to the program coordinator no later than the end of the semester in which the student shall have earned 75 semester hours. The approved plan shall become part of the degree requirement.

(Major GPA based on all Industrial Technology and Technology Education courses taken at Eastern Illinois University.)

Note: Independent study may not be used for concentrations.

Manufacturing Technology Option:

- Chemistry (1310, 1315) or (1300, 1315) . . . . . 4 sem. hrs.
- Economics 2801, 2802, 3890, 4751 . . . . . 12 sem. hrs.
- Health Studies 3350 . . . . . 2 sem. hrs.
- Industrial Technology 1043, 2184, 2953, 3053, 3203, 3703, 3803, 4002, 4023, 4043, 4602, 4673, 4803, 4943 . . . . . 41 sem. hrs.
- Management 3830 . . . . . 3 sem. hrs.
- Mathematics 2310, (1340 and 2110) or 1441 . . . . . 8-9 sem. hrs.
- Physics (1150 and 1160) or (1350 and 1360) . . 8 sem. hrs.
- Technology Education 3113, 3143 . . . . . 6 sem. hrs.

TOTAL . . . . . 84-85 sem. hrs.

JOURNALISM (B.A.)

Major:

- Journalism 2100, 2101, 3000, 3001, 3002, 3301 or 3302, 4101, 4102 . . . . . 21 sem. hrs.
- Courses chosen from: Anthropology 2730; Economics 2802, 3880; English 2901, 3001; Foreign Language 2201; History 3005, 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 adviser's permission; the student must include at least one course each from three of the following areas: Economics, History, Political Science, Sociology in the program.) 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 adviser, and approval by the Dean, College of Liberal Arts and Sciences 12 sem. hrs.

TOTAL . . . . . 51-52 sem. hrs.

(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.)

Junior High School Education (B.S. Ed.)

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 major field of specialization and a minor field of specialization (or three minor fields) as outlined below.

General Education Coursework:

English 1001, 1002, elective	9 sem. hrs.
History (U.S.)	3 sem. hrs.
[1]Humanities (see General Education requirements)	9 sem. hrs.
Mathematics course to meet all-university requirement	3 sem. hrs.
[2]Physical education or health studies	3 sem. hrs.
Political Science 1103	3 sem. hrs.
Psychology 2310, 3521	5 sem. hrs.
[3]Science electives (see General Education requirements)	9 sem. hrs.
Senior Seminar	2 sem. hrs.
[4]Social Studies electives (other than Psychology)	6 sem. hrs.
Speech Communication 1310	3 sem. hrs.
Teaching Field I	32 sem. hrs.
Teaching Field II	24 sem. hrs.

Professional Coursework:

Educational Foundation 4450	3 sem. hrs.
Elementary Education 2022, 2320	5 sem. hrs.
Junior High School Education 2000, 3110, 3150, 4760, 4280	14 sem. hrs.
Special Education 3000 or 3500	3 sem. hrs.
Student Teaching 4001	8 sem. hrs.

Electives needed to total 120 semester hours

[1]At least one 3 sem. hrs. course must be taken in non-western or third world cultures from either the Humanities or Social Sciences.

[2]Must include Health Studies 1200 or successful completion of the Health Competency Examination.

[3]Must include both biological and physical sciences and at least one laboratory course.

[4]Six sem. hrs. Social Studies electives must be chosen from Anthropology, Economics, Cultural Geography, History, Political Science or Sociology listed on the General Distribution List. At least one 3 sem. hrs. course must be taken in western or third world cultures from either the humanities or Social Studies.

ART

Field II: Art 1000; 1110 or 1650; 2050 or 3080; 2250 or 2700 or 2340; 2410; 2440; 2651; 3410; art electives. Total, 24 sem. hrs.

BIOLOGICAL SCIENCES

Field I: Life Science 1000, 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 1000; 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 1001, 1002, 3400, one of (3701, 3702, 3703), 2901, one of (2003, 3001, 4760, 4762), one of (3802, 3806, 3807, 3808); Information Services and Technology 3320; Speech Communication 1310; electives in English (recommended 2002, 2004, 2006, 2008). Total, 32 sem. hrs.

Field II: English 1001, 1002, one of (3701, 3702, 3703), one of (2003, 3001, 4760, 4762), one of (3802, 3807, 3808); Information Services and Technology 3320; Speech Communication 1310; 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 IX, 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: 1101, 1102, 2201, 2202, 3400, electives in that language. Total, 24 sem. hrs.

HOME ECONOMICS

Field II: Home Economics 1120, 1150, 2234, 2244, 2800, 2831, 2850, 3235, 3300. Total, 24 sem. hrs.

INDUSTRIAL ARTS

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

LIBRARY/MEDIA

Field II: Information Services and Technology 3200, 3220 or 3300, 3320, 4490, 4750, 4770, 4850, 4870, or 3300. Total, 24 sem. hrs.

MATHEMATICS

Field I: Mathematics 1441, 2442, 3400, 2310, 3271, 3501, 3530; One course from the following: Mathematics 3272, 3502, 4750, 4760, 4900; Plus sufficient electives to reach minimum of 32 sem. hrs.

Field II: Mathematics 1441; Mat 2442, 3400, 2310, 3271, 3501, 3530; One course from the following: Mathematics 3272, 3502, 4750, 4760, 4900; (Minimum of 25 sem. hrs.).

PHYSICAL EDUCATION

Field II: Physical Education 2410, 2440, 3400, 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 service 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.

*Students should be aware that eight semester hours are required to teach these subjects in Illinois high schools.

SPEECH COMMUNICATION

Field II: Speech Communication 1310, 2300, 2320; Theatre Arts 1133; one of the following: Speech Communication 2520, 2540, 3520, 3540; one of the following: Speech Communication 3200, 3230, 4170; one of the following: Theatre Arts 1257, 3431, 3445; electives from speech communication, speech pathology and audiology, theatre and/or journalism. Total, 24 sem. hrs.

MANAGEMENT (B.S. IN BUSINESS)*

Major:

Accountancy 2100, 2150	6 sem. hrs.
Business Education 2510	3 sem. hrs.
Data Processing 4250	3 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710	3 sem. hrs.
Management 2750, 2810, 3010, 3830, 3950, 4310, 4360	21 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 2110, 2120[1]	6 sem. hrs.
Social Studies Elective	3 sem. hrs.
Non-business Electives	7 sem. hrs.
Select concentration in Operations Management or Human Resources	12 to 15 sem. hrs.
TOTAL	76 to 79 sem. hrs.

Operations Management:

Courses in the areas of: Introduction to Operations Research, Business Statistics II, Production Systems and Control, and Capacity Management. Total, 12 sem. hrs.

Human Resources Management:

Courses in the areas of: Human Resource Management, Commercial Law, Job Evaluation, Labor and Employment Law, Labor Management Relations. Total, 15 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 Section VI.

MARKETING (B.S. IN BUSINESS)*

Major:

Accountancy 2100, 2150	6 sem. hrs.
Data Processing 4250	3 sem. hrs.
Economics 2801, 2802, 3860	9 sem. hrs.
Finance 3710	3 sem. hrs.
Business Education 2510	3 sem. hrs.
Management 2750, 2810, 3010, 3950, 3470, 4360	18 sem. hrs.
Marketing 3470, 3490, 3720, 4470, 4780, 4860, 4875, 4900; 3600 or 4490 or 4876 or 4100	27 sem. hrs.
Mathematics 2110, 2120[1]	6 sem. hrs.
Social Studies Elective	3 sem. hrs.
Non-business Electives	7 sem. hrs.
TOTAL	85 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 Section VI.

MATHEMATICS (B.A.)

Major:

Mathematics 1441, 2310 or 2170, 2345, 2442, 2443, 2550, 3530, 3800	29 sem. hrs.
Plus courses from Group I or Group II	23 or 36 sem. hrs.
TOTAL	52 or 65 sem. hrs.
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	
II. Mathematics 2670, 3570, 3701, 3702 4750,4850	18 sem. hrs.
Economics 2801, 2802, 4802	9 sem. hrs.
Accountancy 2100, 2150	6 sem. hrs.
Management 3010	3 sem. hrs.
TOTAL	36 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

Option in Mathematics with Teacher Certification Standard High School Certificate*

Mathematics 1441, 2170, 2345, 2442, 2443, 2550, 3271, 3272, 3400, 3530, 3701, 3702, 3800	45 sem. hrs.
TOTAL	45 sem. hrs.

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

*For the education coursework required for this option, see Section X, Teacher Preparation.

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 120 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 30 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, 2720, 3430, 3435 ..... 16 sem. hrs.
Life Science 1000 ..... 3 sem. hrs.
Mathematics 1271 or 1300 or 2250 ..... 3-4 sem. hrs.
Zoology 1010, 3000, 2999 or 3110, 3600, 3800 ..... 16-17 sem. hrs.
Professional training in an affiliated school of medical technology ..... 30 sem. hrs.

TOTAL ..... 72-74 sem. hrs.

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

MUSIC (B. Mus.)

Major (Music):
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*, 4990* ..... 19 sem. hrs.
Music History 1581, 3581, 3582; at least 2 sem. hrs. from 4600*, 4870, 4990* ..... 11 sem. hrs.
Recital 1103 (a total of five semesters) ..... (audit)
Choose 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. of 0600 and 4 sem. hrs. from 0100, 0110 or 0120; 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 0600, and 5-6 sem. hrs. from 0100, 0110, 0120, or 0300; choose primary study in one of the following applied areas. Total, 52-63 sem. hrs.
   a. Piano Primary: Music 3221, 3222, 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 (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; 3221, 3222, 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.
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 0300, 0600-004, 3120; 8 sem. hrs. in a foreign language (1101 or above)**. Total, 56-57 sem. hrs.

#Performance Majors are required to register for applied study and an ensemble each semester in resident.

(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.

Option in Music
Theory-Composition

#Music Theory 1541, 1542, 1543, 1544, 2541, 2542, 2543, 3542 (taken twice), 3547, 4541, 4542; at least 18 sem. hrs. from 0070, 2070, 3370 and approved music theory electives (including 4600* and 4990*) ..... 44 sem. hrs.
Music History 1581, 3581, 3582; at least 2 sem. hrs. from 4600*, 4870, 4990* ..... 11 sem. hrs.
Complete either the choral or instrumental conducting sequence (Music 2360, 3260) or (2155, 3155) ..... 3 sem. hrs.
Applied Study in Primary Instrument or Voice ..... 10 sem. hrs.
Piano Skills 1203, 1204, 2203, 2204 ..... 4 sem. hrs.
Ensemble ..... 6 sem. hrs.
Recital 1103 (a total of five semesters) ..... (audit)
TOTAL ..... 78 sem. hrs.

#Theory-Composition Majors are required to register for applied study (other than music composition) 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.

Option in Music
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 hrs. from 1203, 1204, 2203, 2204) ..... 2 sem. hrs.
Applied Study of Primary Instrument (each semester) ..... 22 sem. hrs.
Courses in Jazz Studies and Related Areas 1530, 2530, 3530, 4530, 3800, 3801, 4850, 2550, 2070, 0070 (2 sem. hrs.) ..... 15 sem. hrs.
Ensembles 6 sem. of 0120, 2 sem. of 0060, 2 sem. of 3600 ..... 10 sem. hrs.
Recital 1103 (a total of five semesters) ..... (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.

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, 3221, 3222, 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, 4990* ..... 19 sem. hrs.
Music History 1581, 3581, 3582 ..... 9 sem. hrs.
Music Education 2440 ..... 1 sem. hr.
Recital 1103 (a total of five semesters) ..... (audit)
Choose 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 0300, 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, 3221; 3222 (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 0600, 1302, 1303, 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 0300. 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), 3221; 3222 (organists may substitute 2360); 3 sem. hrs. from 0300; 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 0300; at least 10 sem. hrs. in applied composition. Total, 25 sem. hrs.

d. Accompanying Principal: Music 1136 (taken twice); 3136 (taken twice); Music 0600; 2 sem. hrs. from 0300; 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.
Music (1203, 1204) or (2203, 2204); (2155, 3155) or (2360, 3260); 3120 (taken twice); Fine Arts 2022**; 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 2651, 2652, 2653, English 3405, 2003, 2004, Theatre Arts 1133, 2240, 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 Section X, Teacher Preparation.

PHILOSOPHY (B.A.)

Major:

Philosophy 1800, 1900, 2000, 4480 ..... 12 sem. hrs.
Electives in philosophy ..... 24 sem. hrs.
TOTAL ..... 36 sem. hrs.

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

PHYSICAL EDUCATION (B.S.)

Non-teaching minor *or* 24 sem. hrs. related electives selected with approval of adviser recommended.

Major:

Health Studies 1200* ..... 2 sem. hrs.
Physical Education 1500, 2440, 4320, 4340, 4275 ..... 15-18 sem. hrs.
Zoology 2999 ..... 3 sem. hrs.
Health Studies 3199 or PED 3900 ..... 3 sem. hrs.
**Physical Education electives:
1000 & 2000 level courses (include one aquatics course proficiency) (maximum of 6 at the 1000 level) ..... 8 sem. hrs.
***Electives in HPER ..... 12 sem. hrs.
TOTAL ..... 43-46 sem. hrs.

*May be met by taking the course, satisfactorily completing proficiency, or satisfactorily completing a competency examination.

**No duplication in 1-hr. activity and 2-hr. technique/theory activities.

***1 hr. activity classes not included unless directly related to career goal.

Option in Physical Education with Teacher Certification
K-12 Standard Special Certificate

Health Studies 1200* ..... 2 sem. hrs.
Zoology 2999 ..... 3 sem. hrs.
Physical Education 1500, 2000, 3600, 2440, 2450, 3400, 4320, 4340, 4750, 3610, 3620, 3630 ..... 33 sem. hrs.
Electives from 2000-level technique courses from the following:
From PED 2101, 2102, 2103, 2105, 2144 ... 4 sem. hrs.
From PED 2106, 2360, 2380, 2390 ..... 4 sem. hrs.
From 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 ..... 56 sem. hrs.

*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 Section X, Teacher Preparation.

Option in Physical Education with Teacher Certification
6-12 Standard High School Certificate

Health Studies 1200* ..... 2 sem. hrs.
Physical Education 1500, 2000, 3600, 2440, 2450, 3400, 4320, 4340, 4750 ..... 27 sem. hrs.
Zoology 2999 ..... 3 sem. hrs.
Electives from the following physical education technique courses ..... 10-11 sem. hrs.
2 from: 2101, 2102, 2103, 2105, 2144
2 from: 2106, 2360, 2380, 2390
1 from: 2220, 2230, 3620
Electives from physical education courses:
1000 & 2000 level courses (include one aquatics course or proficiency) ..... 4 sem. hrs.
3000 & 4000 level courses ..... 6 sem. hrs.
TOTAL ..... 52-53 sem. hrs.

*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 Section X, Teacher Preparation.

Option in Physical Education
with Athletic Training and Teacher Certification**
6-12 Standard High School Certificate

Health Studies 1200*, 2320 or 3100, 4275 (3 sem. hrs.)	8-9 sem. hrs.
Home Economics 3190	2 sem. hrs.
Life Science 1000	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, 2410, 2440, 2450, 3131, 3132, 3400, 4320, 4340, 4741 (3 sem. hrs.), 4750	48 sem. hrs.
Psychology 2310; elective in psychology	5 to 6 sem. hrs.
Zoology 2000, 2999	6 sem. hrs.
TOTAL	77 or 80 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 Section X, Teacher Preparation.

Option in Physical Education
with Athletic Training

Health Studies 1200*, 2320 or 3100, 4275 (3 sem. hrs.)	8 or 9 sem. hrs.
Home Economics 3190	2 sem. hrs.
Life Science 1000	3 sem. hrs.
Physical Education service courses (include one aquatics course or proficiency)	6 sem. hrs.
Physical Education 1130, 1500, 1520, 2130, 2131, 2132, 2230, 2440, 3131, 3132, 4320, 4340, 4741 (3 sem. hrs.), 4750	36 sem. hrs.
Two 2000-level technique courses (1 team sport & 1 individual/ dual)	4 sem. hrs.
Electives in courses from P.E.	12 sem. hrs.
Psychology 2310; psychology elective	5 to 6 sem. hrs.
Zoology 2000, 2999	6 sem. hrs.
TOTAL	82-84 sem. hrs.

(Major GPA based on physical education, health studies, zoology, and psychology courses in the option.)

*May be met by satisfactorily completing proficiency or satisfactorily completing competency examination.

PHYSICS (B.S.)

Major:

Chemistry (1310, 1315) or (1300, 1315); 1510; 1515	8 sem. hrs.
Mathematics 1441, 2442, 2443, 3501, 3502	20 sem. hrs.
Physics (1350, 1360)*	8 sem. hrs.
Physics 1370, 2390, 2400, 3410, 3420, 4000, 4010, 4840, 4850	27 sem. hrs.
Electives from Physics 3150, 3260, 3300, 3350, 4410, 4470, 4750, 4860, 4870	6-8 sem. hrs.
TOTAL	69-71 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.

Option in Physics with Management

Accountancy 2100, 2150	6 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); 1510; 1515	8 sem. hrs.
Course(s) in computer programming	2-3 sem. hrs.
Economics 2801, 2802	6 sem. hrs.
Finance 3710	3 sem. hrs.
Management 2460, 2810, 3010	9 sem. hrs.
Marketing 3470	3 sem. hrs.
Mathematics 1441, 2120, 2442, 2443	17 sem. hrs.
Physics (1350, 1360)*	8 sem. hrs.
Physics 1370, 2390, 2400, 3410, 4000, 4010	16 sem. hrs.
Electives from Physics 3150, 3260, 3300, 3350, 3420, 4410, 4470, 4750, 4840, 4850, 4860	9 sem. hrs.
TOTAL	87-88 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.

Option in Physics
with Teacher Certification*
Standard High School Certificate

Chemistry 1310 or 1300; 1315, 1510, 1515	8 sem. hrs.
Mathematics 1441, 2300[1], 2442, 2443, 3501	18 sem. hrs.
Physical Science 3400	3 sem. hrs.
Physics (1350, 1360)[2], 1370, 2390, 2400, 3150, 3410, 4000, 4010, 4470, 4830, 4850	38 sem. hrs.
TOTAL	67 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 Section X, Teacher Preparation.

[1]Mathematics 2310 may be substituted for Mathematics 2300.

[2]or (1150, 1360) or (1150, 1160) with permission of the chairperson of the department.

POLITICAL SCIENCE (B.A.)

Major:

Political Science 1003, 1103, 2002, 2053, 2603 ..... 14 sem. hrs.
International Relations: one of Political Science 2203, 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, 4753, 4793, 4873, 4893 ..... 3 sem. hrs.
Public Law: one of Political Science 3513, 3523, 3533, 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.)

Option in Political Science with Teacher Certification* in Social Studies
Standard High School Certificate

Political Science 1003, 1103, 2002, 2053, 2603 ..... 14 sem. hrs.
International Relations: one of Political Science 2203, 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 3413, 3643, 3713, 3723, 3733, 3743, 3753, 3903, 4753, 4793, (4831, 4832, 4833), 4843, 4893 ..... 3 sem. hrs.
Public Law: one of Political Science 3513, 3523, 3533, 4774 ..... 3-4 sem. hrs.
Political Theory: one of Political Science 4903, 4913, 4933 ..... 3 sem. hrs.
Electives in Political Science ..... 9 sem. hrs.
Social Science 3400 ..... 3 sem. hrs.
Choice of I or II below ..... 16 sem. hrs.

TOTAL ..... 57-58 sem. hrs.

I—8 semester hours in U.S. history and 8 semester hours in European history. Total, 16 sem. hrs.

II—8 semester hours in each of two of the following: economics, geography, sociology. Total, 16 sem. hrs.

(Major GPA based on Social Science 3400 and all political science courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

Honors Program for Political Science Majors with 3.50 Cumulative GPA

Admission to the Political Science Departmental Honors Program is open to students who have a 3.50 grade point average on a 4 point scale and have completed the following: Political Science 1003, 1103, 2002, 2053, and 2603. Permission of the Director of Honors Programs and the Departmental Honors Coordinator is also required.

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 Graduate Seminar 5499 ..... 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 reading knowledge of a foreign language or a research skill. 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.

PSYCHOLOGY (B.A.)

Major:

Psychology 2310, 2320, 2610, 3601 ..... 13 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 one from Psychology 3310, 3830, 3620, 3680 ..... 3 sem. hrs.
Group B: at least one from Psychology 3515, 3521, 3525 ..... 3 sem. hrs.
Group C: at least two from Psychology 3530, 3590, 4765, 4780, 4870 .... 6 sem. hrs.
Electives: 7 sem. hrs. from any psychology courses except Psychology 4274 and 4275 ..... 7 sem. hrs.

TOTAL ..... 36-39 sem. hrs.

See departmental adviser for additional requirements needed for the following options: Scientific, Human Service, and General Applied.

Option in Psychology
with Teacher Certification*
Standard High School Certificate

Minor in a second teaching field required.
Psychology 2310, 2320, 2610, 3601 ..... 13 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 one from Psychology 3310, 3830, 3620, 3680 ..... 3 sem. hrs.
Group B: at least one from Psychology 3515, 3521, 3525 ..... 3 sem. hrs.
Group C: at least two from Psychology 3530, 3590, 4765, 4780, 4870 .... 6 sem. hrs.
Psychology 3400, 4750 ..... 6 sem. hrs.
Elective ..... 1 sem. hr.

TOTAL ..... 36-39 sem. hrs.

(Major GPA based on Social Science 3400 and all psychology courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

Honors Program for Psychology Majors with 3.50 Cumulative GPA

Admission to the Departmental Honors Program in Psychology requires a 3.50 GPA on a 4 point scale and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Departmental Honors Requirements:
Honors Students will meet core requirements for major. (PSY 2390 can be substituted for PSY 2320 for Departmental Honors students.)

		Applied to Content Courses	Applied to Electives
A.	PSY 3310	3	
	PSY 3830		3
	PSY 3590	3	
	PSY 4780	3	
	PSY 3515 or 3521 or 3525	3	
	PSY 4870		3
	PSY 4250		4
	PSY 4880		3

PSY 4666 Honors Seminar (taken twice)
[PSY 4444 (Honors Independent Study) 6
taken once may be substituted for PSY 4666]
PSY 4644 Honors Thesis 3
One graduate level course approved by the Departmental Honors coordinator 3
[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: 54-57

RECREATION ADMINISTRATION (B.S.)

Major:

Art 1650 or 2340 ..... 3 sem. hrs.
Political Science 2603 or 1103 ..... 3 sem. hrs.
Psychology 2310 ..... 3 sem. hrs.
Recreation 1320, 1780, 2250, 2290, 3550 or 3551, 4275 (6 sem. hrs.), 4830, 4840, 4850 ..... 28 sem. hrs.
Sociology 2710 ..... 3 sem. hrs.
Electives from Recreation 2420, 2500, 3250, 3300, 3350, 3355, 3510, 3560, 3760, 3860, 4355, 4741, 4790, 4820, 4900, 4910, 4950, 5420, 5430, Health Studies 3199, Music 1423, Theatre Arts 3431, Home Economics 3790, 3796 ..... 16 sem. hrs.
Electives from economics, management, marketing, accountancy approved by advisor and department chairperson ..... 6 sem. hrs.
P.E. service courses, to include one aquatic and one rhythmical activity ..... 4-6 sem. hrs.
Concentration approved by advisor and department chairperson ..... 12 sem. hrs.

CONCENTRATION I—*Therapeutic Recreation*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from four of six areas of study, sociology, psychology, special education, health studies, and home economics as recommended by the advisor and based on the students' interests and qualifications. It is recommended that the students expand this area to 18 hours from four of the six areas to qualify for certification by the National Council for Therapeutic Recreation Certification.

CONCENTRATION II—*Commercial and Employee Recreation*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from the areas of accounting, finance, management, business education, and economics as recommended by the advisor. It is recommended that students expand this to 18 semester hours to obtain a minor in Business Administration involving a total of 24 semester hours.

CONCENTRATION III—*Cultural Arts*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from the areas of dance, theatre arts, music, fine arts, and art as recommended by the advisor and based on the students' interests and qualifications.

CONCENTRATION IV—*Outdoor Recreation*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from the areas of botany, zoology, geology, physics, and life science as recommended by the students' advisor and based on the students' interests and qualifications.

CONCENTRATION V—*Sports and Fitness Administration*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from the professional physical education courses as recommended by the students' advisor and based on the student's interests and qualifications.

CONCENTRATION VI—*Public Administration*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from the areas of political science, management, and computers as recommended by the students' advisor and based on the students' interests and qualifications.

CONCENTRATION VII—*Resource Management and Maintenance*—In addition to the regular professional courses, students will take a minimum of 12 semester hours from the areas of botany, industrial technology, technology education, zoology, earth science, geology, and life sciences as recommended by the students' advisor and based on the students' interests and qualifications.

TOTAL ..... 78-80 sem. hrs.

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

Honors Program for Recreation Administration Majors with 3.50 Cumulative GPA

Admission to the Departmental Honors Program requires students to have a 3.50 GPA on a 4 point scale and permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Departmental Honors Requirements

A. REC 4644 Honors Thesis	3 sem. hrs.
REC 4666 Honors Seminar (two times)	6 sem. hrs.
REC 4444 Honors Independent Study	1 sem. hr.
REC 5420 Principles/Philosophy of Leisure	2 sem. hrs.
TOTAL	12 sem. hrs.

SOCIAL SCIENCE WITH TEACHER CERTIFICATION (B.A.)

Standard High School Certificate*

Major:

Economics 2801, 2802, elective in economics	9 sem. hrs.
History 2010, 2020, elective in U.S. history	9 sem. hrs.
History 1100, 3000, 3005	9 sem. hrs.
Political Science 1103, two elective courses in political science	9 sem. hrs.
Social Science 3400	3 sem. hrs.
Sociology 2710, two elective courses in sociology	9 sem. hrs.
Upper division courses from economics, geography, political science, sociology-anthropology (may be in one, two, or three fields)	6 sem. hrs.
TOTAL	54 sem. hrs.

(Major GPA based on all anthropology, economics, social science, political science, and sociology courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

SOCIOLOGY (B.A.)

Major:

Sociology 2710, 3610, 3721, 4520, 4622, 4850, 4900	21 sem. hrs.
Anthropology 2730	3 sem. hrs.
Area of Concentration in Criminal Justice: Community Service, Organization and Administration or General Studies	21 sem. hrs.
TOTAL	45 sem. hrs.

Area of Concentration I: Community Service*: 21 sem. hrs. of coursework including study in the areas of social work, social problems, gerontology, rural sociology, urban sociology, marriage and family, race and ethnic relations and the sociology of sport.

Area of Concentration II: Criminal Justice*: 21 sem. hrs. of coursework including study in the areas of criminology, deviance, criminal justice, policing society, the correctional process, collective behavior, and related study in political science.

Area of Concentration III: Organization and Administration*: 21 sem. hrs. of coursework including study in the areas of social organization, population, social systems and roles, public opinion, collective behavior, changing sex roles in society, social change, and criminal justice.

Area of Concentration IV: General Studies*: 21 sem. hrs. of coursework in sociology including at least 6 sem. hrs. from each of two of the previous three areas of concentration.

* The selection of specific courses will be made by the student in consultation with a faculty advisor.

(Major GPA based on all sociology and anthropology courses taken at Eastern Illinois University.)

For those students interested in additional study in anthropology, a complete listing of available courses may be found in Section IX of this catalog. An interdisciplinary minor is also offered. It is described fully in Section VIII.

Option in Sociology with Teacher Certification* Standard High School Certificate

Sociology 2710, 2720, 3721, 4251, 4520, 4622, 4900	21 sem. hrs.
Area of Concentration IV—General Studies in Sociology[1,2]	21 sem. hrs.
Anthropology 2730	3 sem. hrs.
Social Science 3400	3 sem. hrs.
Supplementary Area I or II or III (below)	11-18 sem. hrs.
TOTAL	59-66 sem. hrs.

I—8 sem. hrs. in U.S. history and 8 sem. hrs. in world history. Total, 16 sem. hrs.

II—8 sem. hrs. in U.S. history and 8 sem. hrs. in any history. Total, 16 sem. hrs.

III—Two of the following: Anthropology 3 sem. hrs.; economics 9 sem. hrs.; geography 8 sem. hrs.; political science 9 sem. hrs. Total, 11-18 sem. hrs.

[1]The courses which constitute this area appear in the Sociology (B.A.) section.

[2]B.A. for teacher certification students may add Sociology 3622 and 3650 to the list of courses from which they may choose in completing the General Studies area.

(Major GPA based on Social Science 3400 and all sociology and anthropology courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

SPECIAL EDUCATION (B.S. in Ed.)

Three options are available for the Special Education major. In making a selection the student should be guided by whether his or her interests lie mainly at the high school level, at the elementary school level, or at the early childhood level.

Early Childhood-Handicapped Area

Biological Sciences ..... 3 sem. hrs.
Education Foundation 4450 ..... 3 sem. hrs.
Elementary Education 2320 ..... 3 sem. hrs.
English 1001, 1002, 3001 ..... 9 sem. hrs.
Home Economics 3853, 4851 ..... 6 sem. hrs.
Humanities Electives (must include 1 sem. hr. of Art and 1 sem. hr. of Music) ..... 6 sem. hrs.
Mathematics 3320 plus 3 sem. hrs. of math electives ..... 5 sem. hrs.
Physical Science[2] ..... 4 sem. hrs.
Senior Seminar ..... 2 sem. hrs.
Social Studies electives (other than Psychology) (see distribution requirements)[3] ..... 6 sem. hrs.
Special Education 3000, 3200, 3201, 3220, 3225, 3600, 3700, 4520, 4600, 4700, 4720, 4800, 4820, 4900 and 4901, 4920 ..... 51 sem. hrs.
Speech Communication 1310 ..... 3 sem. hrs.
Communication Disorders and Sciences 2210 ..... 3 sem. hrs.
Student Teaching 4001 ..... 16 sem. hrs.
U.S. History or U.S. Government (see distribution requirements) ..... 3 sem. hrs.
Health Studies 1200[1] plus 1 sem. hr. physical education elective ..... 3 sem. hrs.

[1]May be satisfied by passing Health Competency Examination, in which case student must substitute 2 sem. hrs. Physical Education or Health Studies elective.

[2]Four semester hours in Physics and/or Chemistry, including laboratory work, will fulfill this requirement.

[3]The Social Studies electives should be chosen so that the student's total work in social studies includes at least two of the following disciplines: Anthropology, Economics, Geography, History, Political Science, Sociology.

Elementary Area

Biological Sciences ..... 3 sem. hrs.
Educational Foundation 4450 ..... 3 sem. hrs.
Elementary Education 2320, 3000, 3340, 3350, 4880, or Junior High Education 4280 ..... 18 sem. hrs.
English 1001, 1002, 3001 ..... 9 sem. hrs.
Health Studies 1200[1] ..... 2 sem. hrs.
Humanities electives (must include 1 sem. hr. of music and 1 sem. hr. of art) ..... 6 sem. hrs.
Mathematics 1420[4], 3320, 3420, 3520 ..... 6-9 sem. hrs.
Physical Education 3600 ..... 2 sem. hrs.
Physical Science[2] ..... 4 sem. hrs.
Senior Seminar ..... 2 sem. hrs.
Speech Communication 1310 ..... 3 sem. hrs.
Communication Disorders and Sciences 2210 ..... 3 sem. hrs.
Special Education 3000, 3200, 3201, 3600, 3700, 4530, 4600, 4700, 4800, 4900, and 4901 ..... 37 sem. hrs.
Student Teaching 4001 ..... 16 sem. hrs.
U.S. History or U.S. Government (see distribution requirements) ..... 3 sem. hrs.
Social Studies electives[3] (other than psychology. See distribution requirements) ..... 6 sem. hrs.

[1]Health Studies 1200 is a graduation requirement. It may be satisfied by passing Health Competency Examination, in which case student must substitute Physical Education or Health Studies electives.

[2]Four semester hours in Physics and/or Chemistry, including laboratory work, will fulfill this requirement.

[3]The Social Studies electives should be chosen so that the student's total work in social studies includes at least two of the following disciplines: Anthropology, Economics, Geography, History, Political Science, Sociology.

[4]Students may test out of Mathematics 1420 by taking the Mathematics Placement Test in the advisement center.

Secondary Area

Educational Psychology 3325, Secondary Education 3330, Educational Foundations 4450 ..... 9 sem. hrs.
English 1001, 1002, 3001 ..... 9 sem. hrs.
Health Studies 1200[1] ..... 2 sem. hrs.
Humanities (See distribution requirements) ..... 6 sem. hrs.
Mathematics 3320 and 3 sem. hrs. of electives ..... 5 sem. hrs.
Physical Education elective ..... 1 sem. hr.
Science (See distribution requirements) ..... 7 sem. hrs.
Senior Seminar ..... 2 sem. hrs.
Social Studies electives (other than psychology. See distribution requirements) ..... 6 sem. hrs.
Special Education 3000, 3200, 3201, 3600, 3700, 4600, 4700, 4800, 4900, and 4901 ..... 34 sem. hrs.
Speech Communication 1310 ..... 3 sem. hrs.
Student Teaching 4001 ..... 16 sem. hrs.
U.S. History or U.S. Government (See distribution requirements) ..... 3 sem. hrs.

[1]Health Studies is a graduation requirement. It may be satisfied by passing Health Competency Exam, in which case student must substitute Health Studies or Physical Education electives.

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, 2651, 2700, 3080, 3820.

BIOLOGICAL SCIENCE (Standard High School Certificate)
Life Science 1000*, 3200, 3400; Environmental Biology 2010*; Botany 1010*, 1022, 3100 or 3200; Zoology 1010*, 2100, 3300, 3700.

BUSINESS EDUCATION (Standard High School Certificate)
(Accountancy 2100 and 2150) or two of the following: (Business Education 1110, 1120, 2130); Marketing 3470, 3720, 4470, Data Processing 2175, Business Education 1420, 2020, Business Education 3400, 3401, 3402; Business Education 4913 and 4923.

ENGLISH (Standard High School Certificate)
English 2601*, 2901*, 3001, 3400, 4300; plus six additional courses from the Groups including at least one in each of Groups 2, 3, 4 and 5. (Consult the English course descriptions in Section IX for 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.***

GEOGRAPHY (Standard High School Certificate)
Geography 1300, 1500; 3200 or 3300; 3000 or 3025 or 3050; 3600 or 3650 or 3700 or 3750 or 3775; 3800 or 3825 or 3850 or 3875; Earth Science 1420; Social Science 3400; electives in Geography.

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 2999* 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** numbered 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, 1150, 2244, 2800, 2850, 2234, 3140, 3300, 3400, 4274, 4275 (three sem. hrs.), 4400.

MATHEMATICS (Standard High School Certificate)
Mathematics 2310*, 1441, 2442, 2550*, 3271, 3400, 3530, 3701, 4800, and Mathematics electives** above 3000 except Mathematics 3300 and 4275.

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.

*May be used to satisfy General Education 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.

PSYCHOLOGY (Standard High School Certificate)
Psychology 2310*, 2320*, 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)
Technology Education 1364, 1413*, 2064, 2324, 3400 and 2242 or 2252; plus 6 semester hours in a single technical area** and 6 semester hours of electives in Technology Education.

*May be used to satisfy General Education 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.

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. 3.5 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 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.

SPEECH COMMUNICATION (B.A.)

Major:

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, 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 Fundamentals of Cinematography, 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, 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: Speech Communication 2540, 3700, 4000, 4030, 4170, 4275, 4444, 4555, 4644, 4666.

Option in Speech Communication with Teacher Certification**
Standard High School Certificate

Minor in a second teaching field 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 2530, 2540, 3520, 3530, 3540, 3620, 4750.
b. Public Address: Speech Communication 3200, 3230, 3903, 4170, 4800.
c. Interpersonal Communication: Four courses from Speech Communication 3300, 4470, 4760, 4830, 4860.
* d. Theatre Arts: Theatre Arts 1132, 1133, 1257, 3445.

*"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 Section X, Teacher Preparation.

Honors Program for Speech Communication Majors with 3.50 Cumulative GPA

Admission to the Departmental Honors Program requires a 3.50 GPA on a 4 point scale and the permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Departmental Honors Requirements

A. Minimum of 12 sem. hrs. from the following
SPC 4555 Honors Research . . . . . (3-6 hrs.)
SPC 4444 Honors Independent Study . . . . . (3-6 hrs.)
SPC 4666 Honors Seminar . . . . . (3-6 hrs.)
SPC 4644 Honors Thesis . . . . . (3 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.

SPEECH PATHOLOGY & AUDIOLOGY (B.S.)

Major (toward teacher certification)*:

Physics 1070 . . . . . 4 sem. hrs.
Psychology 2310, 3830 or 3620, 4750, 4780 or 4765 . . . . . 12 sem. hrs.
Communication Disorders and Sciences 1100, 2110, 2210, 2700, 2800, 2830, 3215, 3250, 3410, 3600, 3651, 3700, 4751, 4755, and 4761 . . . . . 36 sem. hrs.
Communication Disorders and Sciences 4700 . . . . . 2 sem. hrs.
Life Science 1000 . . . . . 3 sem. hrs.
Zoology 2000 or 2999 . . . . . 3 sem. hrs.

TOTAL . . . . . 60 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.

TECHNOLOGY EDUCATION WITH TEACHER CERTIFICATION* (B.S.)

Standard High School Certificate

Major:

Mathematics 1300, 2300 . . . . . 4 sem. hrs.
Technology Education 1263, 1364, 1413, 1463, 2064, 2324, 3043 or 3053, 3200, 3400, 4074 . . . . . 34 sem. hrs.
Chemistry 1310 or 1300, 1315 . . . . . 4 sem. hrs.
Physics 1150 . . . . . 4 sem. hrs.
One twelve-semester-hour concentration in either Communication (graphics and graphic arts), Energy/Power (electronics and mechanics); or Production (construction and manufacturing) . . . . . 12 sem. hrs.

TOTAL . . . . . 58 sem. hrs.

(Major GPA based on all Industrial Technology and Technology Education courses taken at Eastern Illinois University.)

*For the education coursework required for this option, see Section X, Teacher Preparation.

THEATRE ARTS (B.A.)

Major:

Core Requirements

Performance Courses
Theatre Arts 1133, 1134, 2244, 3102 ..... 10 sem. hrs.

Technical & Design Courses
Theatre Arts 2005, 2101, 2102, 2210, 2211, 2257, 3101 ..... 13 sem. hrs.

Literature & Directing Courses
Theatre Arts 2258, 3751, 3752, 3445 ..... 12 sem. hrs.

Electives from both lists below

Performance Electives
3 or 6 sem. hours chosen from Theatre Arts 3333, 3344, 3345, 3346, 3347, 3431, 4400

Technical & Design Electives
3 or 6 sem. hours chosen from Theatre Arts 3550, 3357, 3358, 3360

Elective hours ..... 9 sem. hrs.

TOTAL ..... 44 sem. hrs.

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

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

Core Requirements

Performance Courses
Theatre Arts 1133, 1134, 2244, 3102, 3431 ..... 13 sem. hrs.

Technical & Design Courses
Theatre Arts 2005, 2101, 2102, 2210, 2211, 2257, 3101 ..... 13 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, 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.

Teaching Methods 3400 must be taken in the student's second teaching area ..... 3 sem. hrs.

TOTAL ..... 47 sem. hrs.

*For the education coursework required for this option, see Section X, Teacher Preparation.

ZOOLOGY (B.S.)

Major:

Botany 1010 ..... 4 sem. hrs.
Chemistry 1310 or 1300, 1315, 1410, 1415, 3430 ..... 12 sem. hrs.
Life Science 1000, 3200 ..... 7 sem. hrs.
Zoology 1010, 2100 or 2000, 3000, 3100, 3500, 3700 or 3600 or 3020, 4800 ..... 24-26 sem. hrs.
Electives in more than one area of botany, physical science and mathematics (beyond the General Education requirement)[1] ..... 9 sem. hrs.
Electives in zoology or environmental biology (except 4275)[1,2] ..... 12-10 sem. hrs.

TOTAL ..... 68 sem. hrs.

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

[1]Excluding workshops (3997, 3998, 3999, 4997, 4998, 4999).

[2]At least six hours must be from 3000 level courses or above.

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 2010 ..... 3 sem. hrs.
Life Science 1000, 3200, 3400 ..... 9 sem. hrs.
Zoology 1010, 2100, 3100, 3300, 3500, 3700 ..... 23 sem. hrs.

TOTAL ..... 55 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 Section X, Teacher Preparation.

VIII. MINORS

Minors

Most degree programs do not require a minor. The University offers both teacher education and non-teaching minors. The requirements for these minors are listed in the Catalog in this section.

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. Candidates for a teacher education degree who desire that a Teaching Minor be entered on their permanent records must list the Teaching Minor on their application for graduation. Upon approval by the appropriate Dean indicating that the student has met the Catalog requirements for the program, the Teaching Minor will be entered on the permanent record of the applicant.

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. Requirements for these Minors are also listed in the Catalog. Candidates for degrees who desire that a Minor or Minors (a student may complete more than one minor) be entered on their permanent records must list the Minor(s) on their application for graduation. Upon approval by the appropriate Dean indicating that the student has met the requirements for the Minor(s), the Minor(s) will be entered on the permanent record of the applicant.

A student should plan a Minor or Teaching Minor program in consultation with an appropriate advisor or Department Chairperson. If students wish to add a Minor or Teaching Minor after having applied for graduation, they must reapply and note the addition on their 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 with the same 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. Minors, either for teacher certification or non-teaching, require a cumulative grade-point average of at least 2.00.

Adult Education

Minor:

Educational Foundation 4750 ..... 3 sem. hrs.
Secondary Education 4751, 4850 ..... 7 sem. hrs.
Nine semester hours chosen from:
Occupational Education 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); Technology Education 1413, Educational Guidance 5100 (for eligible students) ..... 9 sem. hrs.
TOTAL ..... 19 sem. hrs.

Afro-American Studies

Minor 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 2561 ..... 3 sem. hrs.
Three courses chosen from: Anthropology 2730, 3611, Educational Foundation 1000, History 3065, Home Economics 4840, Journalism 3951, Political Science 4774, Psychology 4700, Sociology 2710, 3810, 4740 ..... 9-10 sem. hrs.
TOTAL ..... 27-28 sem. hrs.

Interdisciplinary Minor:

Afro-American Studies 2000 ..... 3 sem. hrs.
Art 2300 ..... 3 sem. hrs.
English 2705, 4750 ..... 6 sem. hrs.
History 2100 ..... 3 sem. hrs.
Music 2561 ..... 3 sem. hrs.
Three courses, approved by the Afro-American Studies Director, from: Anthropology 2730, 3611, Afro-American Studies 4275, 4400, Educational Foundation 1000, 3500, Home Economics 4840, History 3065, Journalism 3951, Political Science 4774, Psychology 4700, Sociology 2710, 3810, 4740, Zoology 2150 ..... 9-10 sem. hrs.
TOTAL ..... 27-28 sem. hrs.

Anthropology

Minor:

Anthropology 2730, 2742 ..... 6 sem. hrs.
Either A or B below ..... 6-9 sem. hrs.
Electives from: Anthropology 3602, 3606, 3611, 3691, 3701, 3712, 4400 ..... 9-6 sem. hrs.
TOTAL ..... 21 sem. hrs.

Group A: Cultural Anthropology: Six to nine semester hours from: English 3901, Geography 3050, 3650, History 3070, 3260, 3530, 3540, 3600, Political Science 3383, Spanish 4320[1].

Group B: Physical Anthropology and Archaeology: Six to nine semester hours from: Botany 2320, Geology 1400, 2430, History 3070, 3510, 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 1000.

Art

Minor:

Select 6 sem. hrs. from: Art 1000, 1110, 1111 or 2601 and 2602 ..... 6 sem. hrs.
Electives in Art selected in consultation with an art advisor and must include at least 6 sem. hrs. of courses numbered 3000 or above, and with the exclusion of Art 2410, 2440, and 3410 ..... 12-15 sem. hrs.
TOTAL ..... 18-21 sem. hrs.

Botany

Minor:

Botany 1010, 1022; 3100 or 3200; 3300 or 3541 ..... 13 sem. hrs.
Electives in Botany (at least 3 sem. hrs. of 3000 level or higher) ..... 5 sem. hrs.
TOTAL ..... 18 sem. hrs.

Business Administration

Interdisciplinary Minor:

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 2010 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 Office of Undergraduate Studies in Business, Blair Hall 101.

Business Education

Minor for Teacher Certification:

Accountancy Area:
- Accountancy 2100, 2150 ..... 6 sem. hrs.
- Business Education 2510, 3400, 3402 ..... 5 sem. hrs.
- Advanced Accountancy courses ..... 9 sem. hrs.
- Business Education courses ..... 4 sem. hrs.
- TOTAL ..... 24 sem. hrs.

General Business Area:
- Accountancy 2100, 2150 ..... 6 sem. hrs.
- Business Education 1420, 3000, 3400, 3402 ..... 9 sem. hrs.
- Management 2750 ..... 3 sem. hrs.
- Economics 2801, 2802 ..... 6 sem. hrs.
- TOTAL ..... 24 sem. hrs.

Secretarial Area:
- Business Education 1110, 1120 ..... 0-6 sem. hrs.
- Business Education 2130 ..... 3 sem. hrs.
- Business Education 2240 or two of: 1240, 1250, 2240 ..... 3-6 sem. hrs.
- Business Education 2020, 2510, 3400, 3401 ..... 9 sem. hrs.
- Business Education Electives ..... 0-9 sem. hrs.
- TOTAL ..... 24 sem. hrs.

Data Processing Area:
- Data Processing 2175, 2310, 3310 ..... 9 sem. hrs.
- Business Education 1110, 1120 ..... 0-6 sem. hrs.
- Business Education 2130 ..... 3 sem. hrs.
- Business Education 2510, 3400, 3401, 4800 ..... 7 sem. hrs.
- Business Electives ..... 0-5 sem. hrs.
- TOTAL ..... 24-25 sem. hrs.

Chemistry

Minor:
- 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 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, 3950, 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 this area.

Community Health

Minor:
- Health Studies 1200, 2250, 2270, 3700, 3750 ..... 13 sem. hrs.
- Eight sem. hrs. from: Health Studies 1120, 2320, 2600, 2900, 3100, 3199, 3200, 3300, 3350, 3500, 3765, 4741, 4760, 4800, 4250, 4810, 4820, 4890 ..... 8 sem. hrs.
- TOTAL ..... 21 sem. hrs.

Creative Writing

Minor:
- 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, 3320; Speech Communication 2530, 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.

Earth Science

Minor:
- Earth Science 1410, 1420, 2420, 2460, 3410 ..... 16 sem. hrs.
- Any three-semester-hours of 3000-4000 level course from Earth Science or Geology ..... 3 sem. hrs.
- TOTAL ..... 19 sem. hrs.

Minor for Teacher Certification:
- Chemistry (1300, 1315) or (1310, 1315) ..... 4 sem. hrs.
- Earth Science 1410 ..... 4 sem. hrs.
- Geology 1400, 2430 ..... 8 sem. hrs.
- Physics 1054 ..... 3 sem. hrs.
- Physical Science 3400 ..... 3 sem. hrs.
- Two of the following Earth Science courses: 1420, 2420, 2460, 3410 ..... 6 sem. hrs.
- TOTAL ..... 28 sem. hrs.

Economics

Minor:

Economics 2801 and 2802 ..... 6 sem. hrs.
Electives in Economics* (excluding Economics 3750, 3810, 3990, 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 2110 and 2120 before enrolling in Economics courses numbered 4750 and above.

English

Minor:

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 3990, and must exclude 0990, 0995, 1000, 1001, 1002, 1091, 1092, 1099, 3400 and 4906 ..... 15 sem. hrs.
TOTAL ..... 18 sem. hrs.

Minor 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.

Foreign Language—French, German, or Spanish

Minor:

A minor in French, German, or Spanish consists of 18 elective hours in the language with at least six hours in courses numbered 3000 or above. Courses are to be selected in consultation with an advisor in the Department of Foreign Languages.

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.

Foreign Language—French or Spanish

Minor for Teacher Certification:

Courses numbered beyond 1101 in the language of the minor ..... 21 sem. hrs.
Foreign language 3200, 3400, 3510 ..... 7 sem. hrs.
TOTAL ..... 28 sem. hrs.

Note: Student do not receive university credit for high school units in French or Spanish. (See Section IX under Foreign Languages.)

Note: Courses taken on credit/no credit basis do **not** count toward this minor.

Foreign Language—German

Minor for Teacher Certification:

German courses numbered beyond 1101 ..... 24 sem. hrs.

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

Students do not receive university credit for high school units in German. (See Section IX under Foreign Languages.)

Note: Courses taken on credit/no credit basis do **not** count toward this minor.

Foreign Language—Latin

Minor for Teacher Certification:

Latin courses numbered beyond 1101 ..... 24 sem. hrs.

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

Students do not receive university credit for high school units in Latin. (See Section IX under Foreign Languages.)

Note: Courses taken on credit/no credit basis do **not** count toward this minor.

Geography

Minor:

Geography 1300 or 1500 ..... 3 sem. hrs.
Earth Science 1410 or 1420 ..... 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 for Teacher Certification:

Geography 1300, 1500, Earth Science 1420 ..... 9 sem. hrs.
Geography 3200 or 3300 ..... 3 sem. hrs.
Geography 3000 or 3025 or 3050 ..... 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.

Geology

Minor:

Geology 1400, 2430, 2440, 3405, 3430 ..... 18 sem. hrs.
Three semester hours elective in Geology ..... 3 sem. hrs.
TOTAL ..... 21 sem. hrs.

Health Studies

Minor for Teacher Certification:

Health Studies 1200, 2250, 2270, 3200, 3400 ..... 13 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 3190, or 1150
Safety: Health Studies 1120, 2320, 3001, 3100, 3300, 3340, 3350
Mood-Modifying Substances: Health Studies 4800, 4810, 4820
Mental/Emotional Health: Psychology 3550
Total ..... 22 sem. hrs.

History

Minor:

History 2010, 2020, 3000, 3005 ..... 12 sem. hrs.
History electives numbered above 3000 except 3750, 3990, and 4400 ..... 6 sem. hrs.
TOTAL ..... 18 sem. hrs.

Minor for Teacher Certification:

History 1100, 2010, 2020, 3000, 3005, 3500 ..... 18 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 ..... 6 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 cumulative grade-point average of at least 2.25 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.

Home Economics

Minor:

Home Economics 1150, 2800, 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 and above ..... 9 sem. hrs.
TOTAL ..... 18 sem. hrs.

Minor for Teacher Certification:

Home Economics 1120, 2800, 2850, 2234, 3235, 3400; 2244 or 3300 ..... 20-21 sem. hrs.
Electives in home economics ..... 4-3 sem. hrs.
TOTAL ..... 24 sem. hrs.

Industrial Technology

Minor:

Technology Education 1263; Industrial Technology 1043, 4043; 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 or Technology Education courses exclusive of Technology Education 2242 and 2252 ..... 7-6 sem. hrs.
TOTAL ..... 21 sem. hrs.

Journalism

Minor:

Journalism 2101, 3000, 3001, 3002, 3301 or 3302, 4101, 4102 ..... 18 sem. hrs.

Minor for Teacher Certification:

Journalism 2100, 2101, 3000, 3002, 3301 or 3302, 4101, 4800 ..... 19 sem. hrs.

Mathematics

Minor:

Mathematics 1441, 2442, 2443 ..... 14 sem. hrs.
Electives in Math 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, 3420, 3520, 3620 ..... 9 sem. hrs.
TOTAL ..... 23 sem. hrs.

Minor for Teacher Certification:

Mathematics 1441, 2170, 2345, 2442, 2550, 3271, 3400, 3530, 3701 ..... 33 sem. hrs.

Media Services

Minor for Teacher Certification:

Information Services and Technology 3200, 3300, 4750, 4770, 4850, and 4870 ..... 18 sem. hrs.

Military Science

Minor:

Military Science 3001, 3002, 4001, 4004, 4100 ..... 17 sem. hrs.
History 4002 ..... 3 sem. hrs.
TOTAL ..... 20 sem. hrs.

Music

Minor:

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 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 piano distributed over three semesters; 4 sem. hrs. in applied voice 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 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.

Philosophy

Minor:

Philosophy 1800, 1900 ..... 6 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.

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 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.

Physics

Minor:

Physics 1350 or 1150, 1360 or 1160, 1370 ..... 12 sem. hrs.
Electives from: Physics 2390, 2400, 3010, 3011, 3012, 3300, 3150, 3350, 3410, 3420, 4470, 4750, 4840, 4850, 4860, (not more than 2 sem. hrs. from 3010, 3011, 3012) ..... 6 sem. hrs.
TOTAL ..... 18 sem. hrs.

Minor for Teacher Certification:

Chemistry (1310, 1315) or (1300, 1315); 1510, 1515[1] ..... 8 sem. hrs.
Mathematics 1441, 2442 ..... 10 sem. hrs.
Physical Science 3400[2] ..... 3 sem. hrs.
Physics (1350, 1360)[3], 1370, 4830 ..... 15 sem. hrs.
Electives chosen from Physics 2390, 3150, 3410, 4470, 4750, 4850 ..... 3-4 sem. hrs.
TOTAL ..... 39-40 sem. hrs.

[1]Students who wish to teach chemistry should take a minimum of 10 semester hours in order to meet certification 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

Minor:

18 semester hours in political science, including Political Science 1103, plus one of 1003, 2603 and 2203; must include at least six semester hours of courses numbered 3000 and above ..... 18 sem. hrs.

Professional Writing

Minor:

English 3001, 4760 ..... 6 sem. hrs.
English 4275[1] ..... 4 sem. hrs.
Journalism 2101 ..... 3 sem. hrs.
Two courses chosen from English 2003, 2901, Journalism 3000, 3102, Business Education 2010, Management 3830, Speech Communication 3610 ..... 5-6 sem. hrs.
TOTAL ..... 18-19 sem. hrs.

Note: Courses in computer programming and data processing are highly recommended as electives.

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

Psychology

Minor:

Psychology 2310, 2320 ..... 6 sem. hrs.
Electives in Psychology (excluding 3400) selected to meet the particular educational goals of individual students in consultation with a Psychology advisor. Must include at least nine hrs. of courses numbered 3000 or above ..... 12 sem. hrs.
TOTAL ..... 18 sem. hrs.

Minor for Teacher Certification:

Psychology 2310, 2320 ..... 6 sem. hrs.
Psychology 3400 or Social Science 3400 ..... 3 sem. hrs.
Electives in psychology ..... 14 sem. hrs.
TOTAL ..... 23 sem. hrs.

Public Relations

Minor:

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* Speech Communication 2530 *OR* Technology Education 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.

Recreation Administration

Minor:

Recreation 1320, 2290, 3550 or 3551, 4830 ..... 11 sem. hrs.
Electives in recreation selected in consultation with a Recreation & Leisure Studies advisor ..... 10 sem. hrs.
TOTAL ..... 21 sem. hrs.

Safety and Driver Education

Minor 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; P.E. 3130; Political Science 2603, 3643; Psychology 3550, 4870 ..... 5 sem. hrs.
TOTAL ..... 21 sem. hrs.

Social Science

Minor for Teacher Certification:

Two of the following options ..... 18 sem. hrs.
a. Economics 2801, 2802, plus an elective course in economics. Total ..... 9 sem. hrs.
b. Political Science 1103, plus two elective courses in political science. Total ..... 9 sem. hrs.
c. Sociology 2710, plus two elective courses in sociology. Total ..... 9 sem. hrs.
Electives from economics, geography, history, political science, sociology-anthropology (may be in one or two fields) ..... 6 sem. hrs.
Social Science 3400[1] ..... 3 sem. hrs.
TOTAL ..... 27 sem. hrs.

[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, geography, life science, mathematics, physical science, psychology, or speech communication.

Sociology

Minor:

Sociology 2710, 3721, 4520, 4622 ..... 12 sem. hrs.
Electives in Sociology (exclusive of 4275 and 3990) selected in consultation with a Sociology advisor of the student's choosing ..... 9 sem. hrs.
TOTAL ..... 21 sem. hrs.

Speech Communication

Minor:

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 Section VII for a listing of the Speech Communication areas.

Minor 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.

Technology Education

Minor for Teacher Certification:

Technology Education 1364, 1413, 2064, 2324, 3200, 3400 ..... 21 sem. hrs.
Technology Education or Industrial Technology electives* ..... 5 sem. hrs.
TOTAL ..... 26 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 8 semester hours in that specified field.

Theatre Arts

Minor:

Theatre Arts 1134, 2244 ..... 6 sem. hrs.
Technical & Design Courses
Theatre Arts 2101 (or 3101), 2102, 2210 ..... 8 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3445 ..... 6 sem. hrs.
TOTAL ..... 20 sem. hrs.

Minor for Teacher Certification:

Performance Courses
Theatre Arts 1134, 2244, 3431 ..... 9 sem. hrs.
Technical & Design Courses
Theatre Arts 2101 (or 3101), 2102, 2210, 2211 ..... 8 sem. hrs.
Literature & Directing Courses
Theatre Arts 2258, 3445 ..... 6 sem. hrs.
TOTAL* ..... 23 sem. hrs.

*For State Certification purposes this is a 27 semester hour minor including 4 semester hours of the 39 semester hours of required General Education.

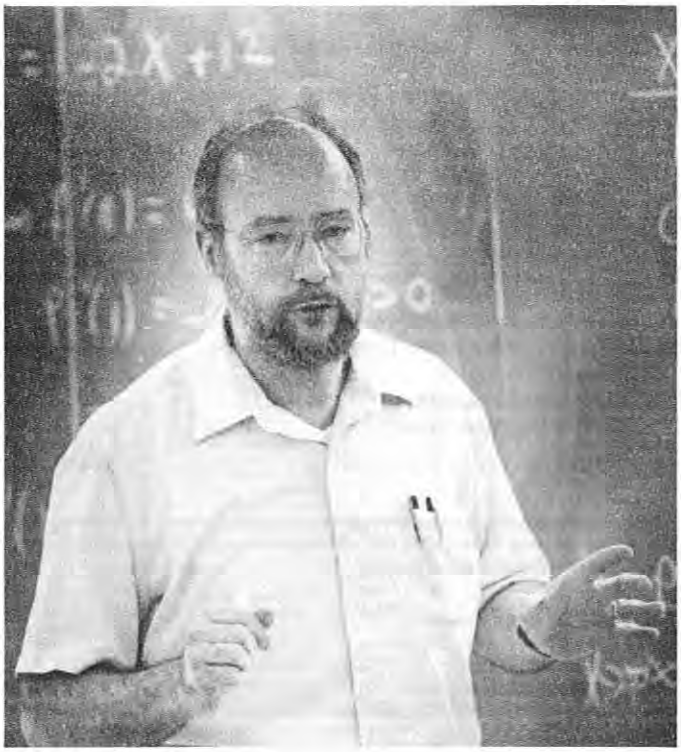
Zoology

Minor:

Life Science 1000 (or equivalent) ..... 3 sem. hrs.
Zoology 1010 (or equivalent) ..... 4 sem. hrs.
Electives in Zoology, Environmental Biology, and Life Science, with the exception of Life Science 3400, Environmental Biology 4275[1,2]. At least 9 sem. hrs. must be taken in addition to those required in the student's major ..... 14 sem. hrs.
TOTAL ..... 21 sem. hrs.

[1]Excluding workshops (3997, 3998, 3999, 4997, 4998, 4999).

[2]At least six hours must be from 3000 level courses, or above.



IX. 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. With 2.75 GPA and permission of instructor and Dean of the Graduate School.

Numbers in parentheses following the course title indicate the number of class hours per week—laboratory or studio hours per week—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. A student may neither enroll in a course which is prerequisite for a course for which he/she has credit nor may he/she enroll in a course which substantially duplicates, at a lower level, a course or courses which he/she has already successfully 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 Financial Accounting. (3-0-3)** A study of the financial accounting process, financial statements, and the accounting principles and procedures underlying items contained in financial statements. Prerequisite: Completion of 30 semester hours or more.

2150. ACC **Principles of Managerial Accounting. (3-0-3)** A study of the interpretation and use of accounting data in planning, controlling and decision making activities. 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.

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 research is included. Prerequisite: Accountancy 4610 with 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)

2561. **The Music of Black Americans.** (see Music 2561)

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)** A semester's experience as an intern in an agency or organization relevant to the student's curriculum. Offered on a credit/no credit basis, 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 to 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 4740)

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

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

ANTHROPOLOGY

Undergraduate Courses

2730. ANT **Introduction to Cultural Anthropology. (3-0-3)** Study of world cultures, including the study of religion, mythology, kinship, marriage, political and economic systems in western and non-western societies, and relationships between culture and their environments.

2742. ANT **Introduction to Physical Anthropology and Archaeology. (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 2730 or permission of the instructor.

3606. ANT **Magic and Religion in Preliterate Societies. (3-0-3) S.** A world-wide survey of ideas and beliefs regarding supernatural beings and agents. Special attention will be given to totemism, ancestor worship, reverence for impersonal powers, witchcraft, sorcery, spirit possession and magic. Prerequisite: Anthropology 2730 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 2730 or permission of the instructor.

3691. ANT **North American Indians. (3-0-3) F.** Study of the cultures of North American Indians, 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 2730 or permission of the instructor.

3701. ANT **Feuds, Raids and War. (3-0-3) F - even-numbered years.** A comparative study of armed conflict in human cultures, simple and complex, ancient and modern, peaceful and warlike. Effects of war on environment and on cultural institutions. Discussion of theories concerning causes of war. Prerequisite: Anthropology 2730 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 2730 or 2742 or permission of the instructor.

4400. ANT **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: 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, Theory and Fundamentals of 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 or minors or Special Education major 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. Develop 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.

1650. ART **Theory and Fundamentals of Art. (2-4-3) F, S.** Study of the basic aspects of the creation of form in the visual arts; studio experiences included. May be used as partial fulfillment of humanities requirement and specific fulfillment of Fine Arts requirement. Not open to students whose major or minor is in art.

2000. ART **Life Drawing. (0-6-3) F, S.** Human figure drawing; anatomy, posed and environmental situations. Use of various media in figure drawing investigated. Prerequisite: Art 1000.

2001. (See Fine Arts 2001)

2002. (See Fine Arts 2002)

2003. (See Fine Arts 2003)

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 and minors.

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 1650 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 of wood construction, welding, forging, modeling, and casting with emphasis on creativity and the use of design principles. Prerequisite: Art 1111.

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

2300. ART **Afro-American Art. (3-0-3) F, S.** Contribution of the Black people to the art of the western world. Course is recommended for partial fulfillment of the humanities requirement.

2340. ART **Crafts. (2-3-4) 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. Not open to Art Majors.

2400. ART **Introduction to Art Education. (1-0-1) F, S.** 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, S.** 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, 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.

2651. ART **Understanding Art. (3-0-3) F, S.** An introduction to the nature, creation, perception, understanding, and evaluation of the visual arts including film. Not open to students whose major is art. The course is recommended as partial fulfillment of the humanities requirement.

2652. ART **Art in Past Cultures. (3-0-3) F, S.** Comparative study of subject, form, and content in art of past cultures, with emphasis on purpose and style. Not open to students whose major is in art. This course is recommended as partial fulfillment of the humanities requirement and specific fulfillment of the Fine Arts requirement.

2700. ART **Introduction to Jewelry. (0-6-3) F, S.** Fundamental techniques in the construction and decorative processes of jewelry creation with various metals.

2800. ART **Introduction to Weaving. (0-6-3)** Development of various weaves using color and texture. Students will complete individual projects from dressing the loom to finishing techniques.

2910 (2900). 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. Prerequisite: Art 1110 and 1111.

2920 (3900). ART **Graphic Abstractions. (0-6-3) F, S.** Simplification of an object into black and white form and subsequent color translations. Prerequisites: Art 1110, 1111, and 2910 (2900).

3000. ART **Drawing III. (0-6-3) F, S.** Study of advanced drawing concepts and techniques. Traditional and non-traditional media to develop sensitivity in drawing. 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 and minors.

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 waterbase 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.

3110. ART **Advanced Design. (0-6-3) S.** Advanced design composition with media options. Open only to art majors and minors as an art elective. Prerequisite: Art 1110 or 1111.

3111. ART **Sculpture II. (0-6-3) F, S.** Specific work in the sculptural processes of carving, metal casting, fabrication, and mixed media with continued emphasis on creativity and the use of design principles. Prerequisite: Art 2100.

3112. ART **Sculpture III. (0-6-3) F, S.** More specific work in the sculptural processes of arc welding, metal casting, and direct materials. Emphasis on individual ideas and concepts. Prerequisite: Art 3111.

3251. ART **Ceramics II. (0-6-3) F, S.** Projects in hand building and/or throwing; study of glaze materials and glaze calculation. Prerequisite: Art 2250.

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

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 Educational majors with Art area. Prerequisite: 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. Prerequisites: 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.

3630. ART **Greek and Roman Art. (3-0-3) F - even-numbered years.** Art of the Greek and Roman cultures. ca. 3000 B.C. to 300 A.D. Prerequisite: Art 2601 or 2651 or 2652.

3641. ART **Early Medieval Art. (3-0-3) F - odd-numbered years.** Survey of the arts of the Early Christian, Early Byzantine, Migration, Merovingian, Carolingian and Ottonian periods, that is, from ca. 300 to 1050 A.D. Prerequisites: Art 2601 or Art 2652.

3642. ART **Romanesque and Gothic Art. (3-0-3) S - even-numbered years.** Survey of the arts of Western Europe, Byzantium and the Islamic world during the Romanesque and Gothic periods, that is, from ca. 1050 to 1450 A.D. Prerequisites: Art 2601 or Art 2652.

3651. ART **Italian Renaissance Art: Fifteenth Century. (3-0-3) F.** Development of style and iconography in Italian Art during the Fifteenth Century. Prerequisites: Art 2602 or Art 2652.

3652. ART **Italian Renaissance Art: Sixteenth Century. (3-0-3) S - even-numbered years.** Major artists and development in Sixteenth Century Italian art. Prerequisites: Art 2602 or 2652.

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 2651 or 2652.

3670. ART **Nineteenth-century European Painting. (3-0-3)** 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 2651 or 2652.

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 2651 or 2652.

3690. 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. Prerequisites: Art 2601 or 2602 or 2651 or 2652 or permission of the instructor.

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 (3901). ART **Graphic Design I. (0-6-3) F, S.** Introduction to use of display type and symbol as a communication tool. Prerequisite: Art 2920 (2900).

3920 (3902). 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 (3901).

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 craftmanship 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 of sculpture directed toward mastery of a personal style with a concentration on one or a series of concepts. One sculptural technique or material to be explored in depth. Prerequisite: Art 3112.

4112. ART **Sculpture V. (0-6-3) F, S.** Continuation of Art 4111 with increasing mastery of a personal style and use of a sculptural technique or material. 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, respousse. 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) F.** Study of the major theories and issues which have played important roles in shaping the character of contemporary art education. Prerequisites: Art 2410, 2440, 3410, or permission of the instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4765. ART **Twentieth Century American Painting and Sculpture. (3-0-3) F.** Study of major American artists and tendencies that have developed since 1908.

4790. ART **Seminar in Art History and Criticism. (3-0-3) S.** A critical understanding and evaluation of art and art-historical literature. Prerequisites: Art 2601 and 2602 or permission of the instructor.

4800. ART **Advanced Weaving. (0-6-3) F, S.** Advanced problems in weaving with particular emphasis upon design using the dobby and multi-harness looms and double weave techniques to perfect skills. Prerequisite: Art 3802. May be taken three times for credit.

4910 (4901). ART **Graphic Design III. (0-6-3) F.** The application of visual communication concepts to three dimensional problems. Prerequisite: Art 3920 (3902).

4920. ART **Graphic Design IV. (0-6-3) S.** Comprehensive typographic studies involving text type and pictorial elements. Prerequisites: Art 4910 (4901); or 3920 (3902) and permission of 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.) One piece of art work by each graduate student shall be retained by the Department of Art to become part of its permanent collection. **For graduate courses see the graduate catalog.**

BIOLOGICAL SCIENCES

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

BOTANY

Undergraduate Courses

1010. BOT **General Botany. (2-4-4)** General botany with particular emphasis on plant structure, function, and economic importance. Prerequisite: Life Science 1000.

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.

1090. BOT **General Botany, Honors. (2-4-4)** General botany with particular emphasis on plant structure, function, and economic importance. Prerequisite: LFS 1090 or LFS 1000.

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.

2340. BOT **Microorganisms and Man. (2-2-3)** The characteristics and activities of microorganisms with special emphasis on their significance to the consumer. Not open to those with credit or registration in Botany 3300. Not to count toward a Botany major or minor.

3100 (2290). 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 (2300). 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.-1-3)** 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, a written report suitable for publication will be submitted to the department chairperson for credit evaluation and an oral report presented before a departmental seminar. Prerequisite: 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) F, S, Su (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 study of the structure, successional patterns, and investigative techniques 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 form. Prerequisite: Botany 3100.

4891. BOT **Palynology. (2-2-3) On demand.** Systematic, ecologic, stratigraphic, geologic study of both modern and fossil pollen and spores. This interdisciplinary course involves both field and laboratory work. Prerequisite: Permission of the instructor, on the basis of advanced training in botany or geology. Credit not granted for both Botany 4891 and Geology 4891.

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. Prerequisites: Botany 3100 or permission of the instructor.

4990. BOT **Seminar. (0-2-1) F, S.** 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 number 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

4444. BUS **Honors Independent Study. (Arr.-Arr.-3)** Consideration of special topics in Business. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Permission of the Director of Honors Programs and Departmental Honors Coordinator.

4555. BUS **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. Prerequisite: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

4644. BUS **Honors Thesis. (Arr.-Arr.-3)** Intensive research in preparation of a thesis on a topic in Business approved by faculty supervisor and the Departmental Honors Coordinator. Prerequisite: Permission of Director of Honors Programs and Departmental Honors Coordinator.

BUSINESS ADMINISTRATION

Graduate Courses

(Courses numbered 5000-5099 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 5100 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.

1240. BED **Shorthand Theory. (3-0-3) F, S.** Introduction to shorthand theory. No credit for students having had equivalent of one semester of shorthand instruction.

1250. BED **Intermediate Shorthand. (3-0-3) S.** Speed building and transcription. No credit for students having had equivalent of three semesters of shorthand 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.

2010. BED **Business Communications. (3-0-3) F, S.** Practice in formulation and communication of business information, oral and written. Prerequisite: Business Education 1110 or equivalent.

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. Prerequisites: Business Education 1120 or equivalent.

2240. BED **Advanced Shorthand/Transcription. (3-0-3) S.** Dictation and transcription for executive secretarial responsibility. Prerequisites: Business Education 1120, 1250, 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.

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. Prerequisites: Business Education 2020.

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. Prerequisite: Business Education 2130, 2510, and 2020.

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. Prerequisites: 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 curriculums. 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. Prerequisites: 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.

4750. BED **Administrative Office Management. (3-0-3) F, S, Su.** 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.

Courses Open to Juniors, Seniors, and Graduate Students

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, 3120 and 4800.

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.**

CHEMISTRY

Chemistry 1050 is a one semester course covering topics of contemporary interest for the non-science oriented student. It is particularly appropriate for use in the Mathematics-Science 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 and thus the pace is slower.

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

1050. CHM **Adventures in Chemistry. (3-2-4) F, S.** Chemistry and its relationship to everyday living. Includes topics such as consumer products, drugs, air/water pollution and energy sources. No credit toward major or minor in chemistry nor for a student who has credit in a previous course in college-level chemistry.

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 1270 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 and 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 and intermediate algebra.

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.

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. Chemistry 1595, Honors must be taken concurrently.

1595. CHM **Chemistry Laboratory II, Honors. (0-3-1) S.** Experimental work demonstrating chemical principles and their applications. Must be taken concurrently with Chemistry 1590, Honors.

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).

2720. CHM **Principles of Quantitative Analysis. (2-4-3)** The general principles of volumetric and gravimetric analysis with an introduction to instrumental methods. Prerequisites: Chemistry (1410 and 1415) or (1510 and 1515); Mathematics 1270 or 1300, or satisfactory score on the mathematics placement exam. Primarily for students in the life sciences and in pre-medical studies. Not open to chemistry majors. Credit not granted for both Chemistry 2720 and 2730.

2730. CHM **Quantitative Analysis. (2-4-3) F.** Theory and applications of gravimetric, volumetric, electrochemcial, chromatographic and spectrophotometric quantitative chemical analysis. Prerequisites: Chemistry 1510 and 1515. Credit not granted for both Chemistry 2720 and 2730.

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.

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 in allphatic 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 to those with credit in Chemistry 3840.

3450. CHM **Biochemistry. (3-0-3) F, S.** Chemistry of biologically important compounds and an introduction to their roles in living material. Prerequisites: Chemistry 3430 and 3435.

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 to those with credit in Chemistry 3440.

3845. CHM **Advanced Organic Chemistry Laboratory. (0-6-2) S.** Multisyntheses, determination of reaction mechanisms and qualitative analysis. Prerequisite: Concurrent (or prior) enrollment in Chemistry 3840.

3910,3920. CHM **Physical Chemistry. 3910 (4-0-4) F. 3920 (3-0-3) S.** To be taken in sequence. A study of the principles governing chemical change. Included are: thermodynamics, kinetics, quantum theory and statistics. Prerequisites: Chemistry 1510; Mathematics 1441 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.

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.

3950.(4940) CHM **Nuclear Chemistry. (2-3-3) S.** Radioactivity and the radioactive properties of isotopes are studied in relationship to their chemical properties and uses. Prerequisite: Two years of chemistry.

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. Prerequisite: 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.

4430. CHM **Medicinal Chemistry. (3-0-3) F.** Basic principles of pharmacology, drug-receptor interaction, physicochemical properties as related to biological activity and synthesis of medicinally important molecules including strategic considerations. Prerequisite: CHM 3430 and permission of 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:* A maximum of six semester hours credit may be applied to Departmental Honors and the major in chemistry. Two semester hours are required of students in the departmental honors program. Prerequisites: Admission to the Departmental Honors Program; permission of the departmental honors coordinator, chairperson, and instructor.

4644. CHM **Honors Thesis. (Arr.-Arr.-3)** Written thesis 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; plus admission to the Departmental Honors Program; permission of departmental honors coordinator, chairperson, and instructor.

4666. CHM **Honors Seminar. (1-0-1) Offered 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

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.

4800. CHM **Selected Topics in Chemistry. (Arr.-Arr.-1 to 3) On demand.** A course in a selected area of analytical, biological, inorganic, organic, physical, or polymer chemistry. May be repeated for credit if a different topic is taught. Prerequisite: Chemistry 3910 or permission 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) S.** 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: Chemistry 4900.

4960. CHM **Industrial Chemistry. (3-0-3) S.** 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) S.** Physiologic and acoustic bases of English phonetics. The course develops IPA transcription skills in standard, dialect, and defective speech patterns.

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.

2700. CDS **Phonological Development. (2-0-2) F.** 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. Students with credit in Communication Disorders and Sciences 2800 may not also have credit in Communication Disorders and Sciences 4800.

2830. 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.

3215. 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, 2700 and Physics 1070.

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. Prerequisites: Communication Disorders and Sciences 2800, 2830 or permission of the instructor.

3600. CDS **Audiology. (2-1-2) S.** 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) F.** 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.

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, 2830, 3250, 3700, or permission of the department chairperson, and a major GPA of 2.75.

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.

4754. CDS **Communication Skills with the Deaf. (1-2-2) F.** Development of basic skills in the use of cued speech and Signed English; laboratory use of audio and video tapes to practice receptive skills; direct interaction with the instructor for practice in delivering and receiving cues and signs. Prerequisite: Permission of the department chairperson.

4755. CDS **Research Methods and Design. (2-0-2) F.** Introduction to research methods and experimental design in speech pathology and audiology.

4760. CDS **Advanced Audiology. (2-0-2) F.** Advanced study of the assessment of hearing losses. Emphasis on a functional test battery, diagnostic problems, and hearing aid selection. Prerequisite: Communication Disorders and Sciences 3600.

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 **Speech-Language-Hearing Services in the Schools. (3-0-3) S.** Classification, incidence, prevention, and classroom management of defective speech and nature of speech correction services. Students with credit in Communication Disorders and Sciences 2800 may not also have credit for Communication Disorders and Sciences 4800.

4850. CDS **Professional Relationships for the Speech-Language Pathologist. (2-0-2) S.** Conducting and participating in speech-language professional staffings, presentation of clinical information to parents and relatives of speech-language handicapped clients, and establishing a professional role in various work settings. Elective for students writing a thesis.

4990. CDS **Special Topics in Speech-Language Pathology. (Arr.-Arr.-1 to 3) Su.** Intensive study of contemporary problems, issues, trends, and developments in the field of communication disorders. Prerequisites: Communication Disorders and Sciences 3250, 3700, 3410, or permission of the instructor. May be repeated for a maximum of eight semester hours credit with permission of the 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.**

DATA PROCESSING

Undergraduate Courses

1250. DAP **Computer-Based Information Systems. (2-0-2) F, S.** An introduction to computer systems, software systems, programming techniques, interactive terminals, data preparation methods, on-line data collection and data delivery systems. May be taken by non-business students wanting a survey of computer data processing systems. Not available for credit for students completing the B.S. in Business degree.

2175. DAP **Computer-Based Systems and Business Applications. (3-0-3) F, S.** An introduction to computer systems, software systems, programming techniques, inter-active terminals, data preparation methods, on-line data collection and data delivery systems. Survey several business applications to give the student a general understanding of business applications. Prerequisite: completion of 30 semester hours or more. This course is intended for those students planning to take additional DAP courses.

2300. DAP **Computer-Based Problem Solving. (3-0-3) F, S.** Business problem solving through the use of computer and high level programming language. Disk and tape processing emphasized. Prerequisites: Data Processing 1250 or 2175 and completion of 30 semester hours or more.

2310. DAP **Computer-Based Business Programming. (3-0-3) F, S.** Computer programming and reporting for file oriented, computerized information systems utilizing magnetic disk and tape file organization, creation, storage, retrieval, maintenance, and security with COBOL language. Prerequisites: Data Processing 2175 and completion of 30 semester hours or more.

3190. DAP **File Oriented Programming. (3-0-3) S.** A study of the PL/1 programming language for business related problems involving magnetic tape and disk files. Emphasis is on the structure of the language and file processing. Prerequisites: Data Processing 2300 or 2310, and junior standing.

3290. DAP **Computer File Organization and Management Methods. (3-0-3) F, S.** The universal data base used with digital computer systems. Includes magnetic disk and tape file organization, creation, storage, retrieval, maintenance, and security with COBOL language. Prerequisites: Data Processing 2310 and junior standing.

3310. DAP **Design of Information Systems. (3-0-3) F, S.** The analysis, design, structure, and development of computer-based information systems. Introduces the student to general system theory and the salient features of the management information system. Prerequisites: Data Processing 2310 and junior standing.

3330. DAP **Real-Time 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, visual display terminal based environment. Includes examination of real-time MIS concepts and study of data-base organizational principles. Prerequisite: Data Processing 3310.

4250. DAP **Management Information Systems. (3-0-3).** An introduction to MIS by management level and functional area. The systems development life cycle will be examined. Prepackaged software will be used in case, problem-solution, and simulation situations. Prerequisites: Admission to Lumpkin College of Business. Not open to Computer Management Majors.

4275. DAP **Internship in Data Processing. (Arr.-Arr.-3 or 6 or 9 or 12 or 15) (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.

4610. DAP **(Management 4610). Management of Data Processing. (3-0-3) F, S.** Planning, controlling, evaluating, budgeting and protecting the data processing functions, equipment, and personnel. Prerequisite: Data Processing 3310.

4740. DAP **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

4810. DAP **Computer-Based Business Application. (3-0-3) F.** An intensive study of quantitative models as they relate to solution by digital computers. Ready-made vs. custom built; descriptive vs. optimizing; and static vs. dynamic models will be investigated. Prerequisites: Data Processing 2300 or 2310 and Management 2810.

EARTH SCIENCE (Offered in the Department of Geology and Geography.)

Undergraduate Courses

1410. ESC **Weather and Climate. (3-2-4) F, S.** Study of weather and climate, the factors which influence them, and their importance to man; recent developments in meteorology presented.

1420. ESC **Physical Geography. (2-2-3) F, S.** Study of the earth's surface, landforms, water resources, soils, vegetation, and their areal interrelationships. Field trip.

1490 (1410H). ESC **Weather and Climate for Honors Students. (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.

2420. ESC **Regional Geomorphology (2-2-3) S.** 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.

3300. ESC **Soils. (2-2-3) S-even numbered years.** 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 1410 (or equivalent).

3960. ESC **Special Topics. (Arr.-Arr.-2 to 4) On demand.** Readings, discussion, reports, on-campus and off-campus fieldwork on specific areas or 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. Prerequisite: Permission of the faculty supervisor and approval of the department chairperson.

ECONOMICS

Undergraduate Courses

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)** A short introduction followed by a discussion of the causes and cures of inflation and unemployment.

2892. ECN **Principles of Economics II, Honors. (3-0-3)** A study of the determination of individual prices in a market economy and related problems. Prerequisite: Economics 2891.

3750. ECN **Studies in Europe. (Arr.-Arr.-1 to 6)** See LA/S 3750. Prerequisites: Economics 2801, 2802, and permission of the department chairperson. May not be used toward a minor.

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.

3833. ECN **Economic Development of Modern Europe. (3-0-3) 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) 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.

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)** Principles of foreign trade and finance; balance of payments, tariffs, quotas and commercial policies of major countries. Prerequisite: Economics 2892 or permission of the instructor.

3990. ECN Summer Studies in Ireland and Britain. (Arr.-Arr.-6) Su. Independent study in economics. Six weeks of residence in the Republic of Ireland or Britain is required. Open to juniors and seniors. (See LA/S 3990.) May not be counted toward a minor.

3991 (4991). ECN Statistics Applied to Economics I. (3-0-3) F. 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.

3992 (4992). ECN Statistics Applied to Economics II (3-0-3) S. Non-parametric statistics, chi-square and F distributions, index numbers, and time series with application to economics. Prerequisite: Economics 3991 and Mathematics 2120, or permission of the instructor.

4275 (4000). 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 or any other internship offered by the university. *Note:* Not more than six semester hours can be used to meet the total credit hours required in the major. Prerequisite: Permission of the department chairperson and acceptance of the student by a state, federal, or international agency or business firm on the basis of the student's application.

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. Prerequisite: 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 Classicalists, Socialists, Marxists, Marginalists, Institutionalists, and Keynesians. 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. Prerequisite: 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. Prerequisite: 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 2110 and 2120 before enrolling in Economics courses numbered 4750 and above.

4751. ECN Managerial Economics. (3-0-3) The application of economic theory and method to managerial decision making. Prerequisites: Economics 2802 and Management 2810, or Economics 3991, or permission of the department chairperson.

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. 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 department chairperson.

4950. ECN Independent Study. (Arr.-Arr.-2 or 3) Independent study in economics. Designed for the individual student needs at either the undergraduate or graduate level. Prerequisites: Economics 2802 and pre-registration conference with the chairperson of the department.

4993. 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 3992, Mathematics 2110 and 2120, or permission of 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 Education 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 FOUNDATION

Undergraduate Courses

1000. 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. Recommended for students as partial fulfillment of the general education requirement in social studies. Elective for education majors, but not credited toward professional requirements in education.

3500. EDF **Multicultural Education. (3-0-3)** Ideas and events supporting the development of multicultural education, and means of its implementation.

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.

4913. EDG **Organization and Administration of Cooperative Occupational Education. (3-0-3)** Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development are analyzed.

4923. EDG **Coordination Techniques for Cooperative Occupational Education (3-0-3)** 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.**

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: Psychology 2310 and 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.

4990. 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**

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. Prerequisites: Concurrent enrollment in ELE 2320 is recommended, 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 ELE 2000. Prerequisites: Concurrent enrollment in ELE 2000 is recommended.

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 ELE 3280 and ELE 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: ELE 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 ELE 3000. Prerequisites: concurrent enrollment in ELE 3000 and ELE 3350 is recommended, 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: ELE 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 ELE 4000. Prerequisites: Concurrent enrollment in ELE 3340 and ELE 4880 or JHE 4280 is recommended, 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 ELE 3000. Prerequisites: ELE 3000; and concurrent enrollment in ELE 3290, ELE 4000, and ELE 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 ELE 3000. Prerequisites: Concurrent enrollment in ELE 3280 and ELE 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. Prerequisites: Concurrent enrollment in one or more of ELE 3290, 3340, 4880, or with 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: ELE 3250.

4775. ELE **Language and Language Arts in Early Childhood. (3-0-3). Su, 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). F.** 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. Forty-five clock hours of participation are required. Prerequisites: Program for Elementary Education majors with General Option or Early Childhood program—ELE 3280; for Elementary Education majors with Middle School option—ELE 4280. Concurrent enrollment in ELE 3340 and ELE 3290, or permission of department chair.

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 1001 and 1002 requirements.

Note: Students who intend to teach should realize that some 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, 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, 3205, 3405, 3504, 3600, 3601, 3604, 3607, 3608, 3903, 3990, 4275, 4750, 4760, 4762, 4763, 4764, 4775, 4905, 4906
*Required for Teacher Certification

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: English 0900 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 1001.

1001. ENG **Rhetoric and Composition. (3-0-3)** A basic course in theme writing, designed to develop facility in matters of sentence structure, paragraph development, and organization. Prerequisite: English 1000 or proficiency in basic skills as determined by the English Department.

1002. ENG **Literature and Composition. (3-0-3)** An introduction to poetry, fiction, drama. Frequent analytical papers required. Prerequisite: English 1001. Students may not enroll in English courses numbered above 1002 until they have completed English 1002, or, in the case of transfer students, until they have satisfied the all-university English requirement.

1091. ENG **Rhetoric and Composition, Honors. (3-0-3) F.** The study and practice of effective expository writing with attention to rhetorical principles, effective sentences and diction, research techniques and development of personal style. Prerequisite: Admission to the Honors Program.

1092. ENG **Literature and Composition, Honors. (3-0-3) S.** The study of poetry, drama, and fiction with special attention paid to the particular ways these three genres present and resolve the theme of self knowledge. Prerequisite: Admission to the 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: English 1002. (Group 2)

2003. ENG **Creative Writing I: Fiction and Poetry. (3-0-3) F, S.** 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. Prerequisites: English 1002. (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: English 1002. (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: English 1002 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. English 2006 and 2008 in combination will not fulfill the Group 2 requirement for English majors. Prerequisite: English 1002. (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. English 2006 and 2008 in combination will not fulfill the Group 2 requirement for English majors. Prerequisite: English 1002. (Group 2)

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: English 1002 or 1092 and admission to the Honors Program. (Group 2)

2205. ENG **Introduction to Literary Criticism. (3-0-3)** F. Terminology and procedures of literary criticism, with attention to critical approaches such as social, formalist, psychological, and archetypal. Prerequisite: English 1002. (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: English 1002. (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: English 1002. (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: English 1002. (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: English 1002 or 1092 and admission to the 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: English 1002 and admission to the 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: English 1002. (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: English 1002. (Group 1)

3001. ENG **Advanced Composition. (3-0-3) F.** Advanced application of the principles of expository writing. Attention to development of an individual style. Required of English majors; open to others. Prerequisite: English 1002. (Group 1)

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: English 1002. (Group 6)

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: English 1002, 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: English 1002. (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: English 1002. (Group 6)

3600. ENG **The Bible as Literature. (3-0-3) F, S.** Types of literature in the Old and New Testaments. Prerequisite: English 1002. (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: English 1002. (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: English 1002. (Group 6)

3607. ENG **Theory and Practice of Modern Drama I. (3-3-4) F.** Ibsen, Chekhov, Strindberg, Shaw, O'Neill, Miller, Williams. Taught jointly by the Departments of English and Theatre Arts. Prerequisite: English 1002. (Group 6)

3608. ENG **Theory and Practice of Modern Drama II. (3-3-4) S.** Wilder, Brecht, Beckett, Ionesco, Genet, Pinter, Albee, Stoppard. Taught jointly by the Departments of English and Theatre Arts. Prerequisite: English 1002. (Group 6)

3700. ENG **Colonial American Literature. (3-0-3) F.** From the beginning through Brown, Irving, and Bryant. Prerequisite: English 1002. (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: English 1002. (Group 5)

3702. ENG **American Realism. (3-0-3) F.** American literature from 1865-1900, with emphasis on such figures as Mark Twain, Dickinson, Howells, James, Crane, Norris, and Dreiser. Prerequisite: English 1002. (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: English 1002. (Group 5)

3800. ENG **Medieval English Literature. (3-0-3) F.** A survey of representative Medieval texts with an emphasis on Middle English. Prerequisite: English 1002. (Group 3)

3801. ENG **Chaucer. (3-0-3) S.** *Canterbury Tales* and other representative works. Study of the dialect from which modern English developed. Prerequisite: English 1002. (Group 3)

3802. ENG **Shakespeare. (3-0-3) S.** A study of representative comedies, histories, tragedies, romances. Prerequisite: English 1002. (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: English 1002. (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 1002. (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: English 1002. (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: English 1002. (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: English 1002. (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: English 1002.(Group 4)

3901. ENG **Language and Linguistics. (3-0-3) S.** A study of kinds of language and linguistic approaches; phonological, syntactic, and semantic analysis; historical, geographic, and social variation, human and non-human language systems. Prerequisite: English 1002. (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: English 1002. (Group 6)

3990. ENG **Summer Studies in Ireland and Britain. (Arr.-Arr.-6)** Independent research in English. Six weeks of residence in the Republic of Ireland or Britain is required. Open to juniors and seniors. (See Liberal Arts and Sciences 3990.) Prerequisite: English 1002. (Group 6) *Note:* No more than three semester hours may be counted toward a minor.

4275. ENG **Internship in English. (Arr.-Arr.-4) F, S. (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: English 1002 and permission of the Director of the Internship. (Group 6)

4300. ENG **Senior Seminar. (3-0-3) F, S.** Major topics in British, American, and world literature and language, with topics varying each semester. Topics to be announced. Required of and enrollment limited to English majors. Prerequisite: English 1002. (Group 1)

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 as many as three times with permission of the department chairperson and Dean, College of Liberal Arts and Sciences. Prerequisite: English 1002. (Group 6)

4760. ENG **Writing for the Professions. (3-0-3) F.** Intensive application of principles of technical writing for professional publication and communication. Designed especially to serve the needs of pre-professional and graduate students. Prerequisite: English 1002. (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: English 1002, 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: English 1002, 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. Prerequisite: English 1002, 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: English 1002. (Group 6)

4901. ENG **History of the English Language. (3-0-3) F.** Historical, geographic, and social dialects of English; phonological changes and other alterations in the structure and vocabulary of the English language. Prerequisite: English 1002. (Group 1)

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: English 1002. (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. Prerequisite: English 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: English 1002. (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

2010. EVB **(Life Science 2010). Environmental Biology. (3-0-3)** A study of the components of the physical and biological environment, the ecology of mankind, man's effect on the environment, the effect of the environment upon man, current problems and their possible solutions.

3000. EVB **(Life Science 3000). 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.

4275. EVB **(Life Science 4275). Internship in Environmental Biology. (Arr.-Arr.12)** Twelve semester hours required for major in environmental biology. This course to be taken for Credit/No Credit. 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 G.P.A. 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 **(Life Science 4750). 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; CHM 2720 strongly recommended.

4903. EVB **(Life Science 4903). 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 4800; 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. Prerequisite: 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 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. (3-0-3) F, S.** A study of theory and practice in real estate, with social and economic implications. Prerequisites: Accountancy 2150, Economics 2802, Finance 3710 and junior standing.

3750. FIN **Commercial Bank Management. (3-0-3) F, S.** The organization and management of commercial banks; functions, departments, 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 (3710H). 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.

3900. FIN **Risk and Insurance. (3-0-3) F, S.** The study of risk management to include life, health, property, and liability insurance. Prerequisite: Accountancy 2150, Economics 2802, Finance 3710 and junior standing.

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 **(Management 4850). 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

2001. FAR **Introduction to Art, Music, and Theatre. (3-0-3) F, S.** Team-taught by members of each department, this course explains the interrelationships between the arts, their structures and techniques, and why they are put together the way they are.

2002. FAR **A History of the Arts in Culture. (3-0-3) F, S.** A team-taught discussion of the arts of painting, sculpture, architecture, music, dance, drama, and literature, and the inter-relationship with cultural and social history.

2003. FAR **Creative Expression in the Fine Arts. (3-0-3) F, S.** The relationship of the visual arts, music and drama, and their place in the lives of human beings. Presented as a team-taught course. Reading assignments, class participation and panel discussions will be reinforced by practical experiences. Not open to students majoring in any of the fine arts.

2091. FAR **Principles of the Fine Arts, Honors. (3-0-3) S.** The inter-relationships between the arts, their structures and techniques, and why they are put together the way they are. Prerequisite: Admission to the Honors Program.

2902. FAR **A History of the Arts in Culture for Honors Students, Honors. (3-0-3)** Analysis of works of art in the Western world from the Greeks through the present. Prerequisite: Admission to the Honors program.

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, 1002, and 2010

As part of its comprehensive course listings, the Department of Foreign Languages offers two conversational courses in French and German, and three in Spanish. These are numbered 1001, 1002, and 2010 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.

2010. The following may enroll: Students with one year of college credit (1101 and 1102 or equivalent) in the language chosen; students with at least one but no more than three years of high school study in the language chosen. Any others must have the express approval of the department chairperson.

Note: For enrollment in other departmental courses after earning credit in one or more of the C/NC courses above, see the note and second chart under PLACEMENT below.

Placement

A student who wishes to continue the study of a language begun in high school should enroll in an appropriate language course as indicated below. If previous language study was not recent, placement at a lower level may be more appropriate. In the first week of classes, all students will be tested in the Elementary and Intermediate courses, to ensure proper placement.

High School Units	
0-2 years	Elementary 1101
3 years	Elementary 1102
4 years	Intermediate 2201, 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	1101
1002	1102
2010	2201

FOREIGN LANGUAGES

Undergraduate Courses

3200. FLG **Language Laboratory and Resource Materials in Foreign Language Instruction. (2-0-2) S.** Experiences in the operation of equipment utilized in the foreign language laboratory and classroom and training in the production of teaching aids for use with such equipment. Open only to French and Spanish majors and minors. Prerequisite: French or Spanish 2202 or equivalent.

3400. FLG **Methods of Teaching Foreign Language. (3-0-3) F.** Thirty clock hours in pre-student teaching are required. Prerequisite: Educational Psychology 3325 and Secondary Education 3330.

3510. FLG **Cadet Teaching. (Arr.-Arr.-2)** Observation and supervised microteaching 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.

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.)

1101,1102. Elementary French. (4-0-4 each course) F, S. FRE Emphasis on grammar, phonetics, reading, conversation; extensive use of language laboratory. Prerequisite: For French 1102, French 1101.

2201,2202. Intermediate French. (4-0-4 each course) 2201-F; 2202-S. FRE Review of grammar; exercise in composition and conversation; readings; extensive use of language laboratory. Prerequisites: For French 2201, French 1102 or two years of high school French; for French 2202, French 2201 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. Cultural context of business. 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.** Prerequisite: French 2202.

3304. FRE **French Civilization. (3-0-3) F. (Omitted 1988-89).** 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. (Omitted 1987-88).** 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.

3750. FRE **Studies in Europe. (Arr.-Arr.-1-6) Su.** (See Liberal Arts and Sciences 3750.) Prerequisite: French 2202 or permission of the department chairperson. *Note:* No more than 3 sem. hrs. may be used toward a minor.

3820. FRE **French Stylistics. (3-0-3) F. (Omitted 1987-88).** A study of basic principles essential for effective formal writing in French.

4401. FRE **French Novel I. (3-0-3) S. (Omitted 1988-89).** 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. (Omitted 1987-88).** French drama from the Fifteenth Century to the present.

4770. FRE **French Poetry. (3-0-3) F. (Omitted 1988-89).** 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 Volkshochschulverband,** 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.)

1101,1102. Elementary German. (4-0-4 each course) F, S. GER Emphasis on conversation, grammar, reading; extensive use of language laboratory. Prerequisite: For German 1102, German 1101.

2010. GER **Intermediate Conversational German. (2-0-2) S. (Credit/No Credit).** Understanding and speaking German at the intermediate level. Prerequisite: German 1102 or permission of the department chairperson. (See Conversational Courses 1001 and 2010, at beginning of Foreign Languages.)

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. Intermediate German. (4-0-4 each course) 2201-F; 2202-S. GER Review of grammar; exercises in conversation and composition; reading of selected material; extensive use of language laboratory. Prerequisite: For German 2201, German 1102, or two years of high school German; for German 2202, German 2201 or permission of the department chairperson.

2220,(2020). German for Business. (3-0-3) F. GER 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 1102, or three years of high school German, or equivalent.

3300. GER **German Culture and Civilization. (3-0-3) F. (Omitted 1987-88; 1988-89).** Prerequisite: German 2202 or permission of the department chairperson.

3301. GER **German Composition and Conversation. (3-0-3) F. (Omitted 1988-89).** Training in writing, diction, and pronunciation. Prerequisite: German 2202 or permission of the department chairperson.

3302. GER **Masterpieces of German Literature. (3-0-3) F. (Omitted 1987-88).** Prerequisite: German 2202 or permission of the department chairperson. May be taken twice with permission of the department chairperson.

3303. GER **German Linguistics. (3-0-3) S. (Omitted 1987-88; 1988-89).** 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. (Omitted 1988-89).** Prerequisite: German 2202 or permission of the department chairperson.

3305. GER **East German Literature. (3-0-3) S. (Omitted 1987-88).** Survey of principal writers in the German Democratic Republic. Prerequisite: German 2202 or permission of the department chairperson.

3750. GER **Studies in Europe. (Arr.-Arr.-1-6) Su.** (See Liberal Arts and Sciences 3750.) Prerequisite: German 2202 or permission of the department chairperson. *Note:* No more than 3 sem. hrs. may be counted toward the minor.

4402. GER **Topics of German Literature. (3-0-3) S. (Omitted 1987-88; 1988-89).** 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. Prerequisite: 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.

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. Prerequisite: 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. (Omitted 1987-88).** 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. (Omitted 1987-88).**

4770. GER **Survey of German Literature I. (3-0-3) F. (Omitted 1988-89).** Survey of German literature to the Seventeenth Century. Prerequisite: Three years of college German or permission of the department chairperson.

4780. GER **Survey of German Literature II. (3-0-3) S. (Omitted 1988-89).** Survey of German literature from the Seventeenth into the Twentieth Century. Prerequisite: Three years of college German or permission of the department chairperson.

FOREIGN LANGUAGE—LATIN

Undergraduate Courses

1101,1102. LAT **Elementary Latin. (4-0-4 each course) 1101-F, 1102-S.** The aim in this course is to teach the student the fundamentals of the language. Special attention is given to the influence of Latin on English. Prerequisite: For Latin 1102, Latin 1101.

2201. LAT **Introductory Latin Reading. (4-0-4) F.** Intensive review of Latin grammar, readings from Aulus Gellius, Phaedrus, Caesar. Prerequisite: Latin 1102 or two years of high school Latin.

2202. LAT **Intermediate Latin. (4-0-4) S.** 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.

3301. LAT **Survey of Roman Literature I. (3-0-3) F. On demand.** Chronological selections illustrative of Latin literature in the period of the Republic. Prerequisite: Latin 2202 or permission of the department chairperson.

3302. LAT **Survey of Roman Literature II. (3-0-3) S. On demand.** Chronological selections illustrative of Latin literature in the period of the Empire. Prerequisite: Latin 2202 or permission of the department chairperson.

3303. LAT **Cicero. (3-0-3) F. On demand.** Readings from the four orations against Catiline; life of Cicero; the backgrounds of Catiline's conspiracy; selected letters. Prerequisite: Latin 2202 or permission of the department chairperson.

3304. LAT **Latin Literature. (3-0-3) S. On demand.** Directed readings at option of the student in philosophical essays (Cicero: *De Amicitia and De Senectute)*; the works of Julius Caesar; Roman comedy or any similar genre in classical Latin literature. Prerequisite: Latin 2202 or permission of the department chairperson. This course may be taken twice with permission of the department chairperson and approval of the Dean, College of Liberal Arts and Sciences.

3305. LAT **Roman Poetry. (3-0-3) F. On demand.** Selections from Catullus, Horace, Martial; Latin prosody. Prerequisite: Latin 2202 or permission of the 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.)

1101,1102. SPN **Elementary Spanish. (4-0-4 each course).** Emphasis on conversation, grammar, reading; extensive use of language laboratory. Prerequisite: For Spanish 1102, Spanish 1101.

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 1102 or two years of high school Spanish; for Spanish 2202, Spanish 2201 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. (Omitted 1987-88).** 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. (Omitted 1988-89).** Introduction to Spanish American literature from 1886 to present. Prerequisite: Spanish 3000 or permission of the department chairperson.

3750. SPN **Studies in Europe. (Arr.-Arr.-1-6) Su.** (See Liberal Arts and Sciences 3750.) Prerequisite: Spanish 2202 or permission of the department chairperson. *Note:* No more than 3 sem. hrs. may be counted toward the minor.

4202. SPN **Advanced Spanish Composition. (3-0-3) S. (Omitted 1988-89).** 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. (Omitted 1987-88).** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4320. SPN **Civilization and Culture of Spanish America. (3-0-3) S. (Omitted 1987-88; 1988-89).** Prerequisite: Three years of college Spanish or permission of the department chairperson.

4510. SPN **Survey of Early Spanish Literature. (3-0-3) F. (Omitted 1988-89).** Survey of Spanish literature from the Twelfth to Seventeenth Century. Prerequisite: Spanish 3300 or permission of the department chairperson.

4520. SPN **Survey of Early Spanish American Literature. (3-0-3) S. (Omitted 1988-89).** 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. (Omitted 1987-88; 1988-89).** 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. (Omitted 1987-88).** Prerequisite: Three years of college Spanish or permission of the department chairperson.

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. Does not count toward graduation.

GEOGRAPHY

Undergraduate Courses

1300. GEG Cultural Environment. (3-0-3) F, S. Concerned with distributions and relationships among a variety of geographical topics: population, agriculture, politics, languages, religion, folklife, popular culture, ethnicity, the city, and industry. Emphasis on processes and linkages among cultural systems.

1500. GEG World Geography. (3-0-3) F, S. Concerned with distributions and relationships within and among the technologically developing regions and developed regions of the world. Emphasis on processes shaping man's activities and organizations and on linkages among environmental and cultural systems.

3000 (3720). 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 (2020). GEG Geography of the United States and Canada. (3-0-3) F-even-numbered years. Analysis of regional variations in the physical and cultural environments of the United States and Canada. Emphasis on processes shaping man's activities and spatial organizations and on place and regional images that are visually expressed in the American landscape.

3050 (3540). GEG Geography of Latin America. (3-0-3) F-odd-numbered years. Analysis of regional variations in the physical and cultural environments of Mexico, Central America, the Caribbean and South America. Emphasis on processes shaping man's activities and spatial organizations and on linkages between past and contemporary problems.

3200 (3870). 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) S-even-numbered years. 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) F-odd-numbered years. 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 Cultural Geography. (3-0-3) F-odd-numbered years. Concerned with understanding the material culture that gives character to a place or area. Emphasis on a study of environmental perception, attitudes and values that influence our personal images of the world. Special focus on reading and interpreting the ordinary landscape of the manmade habitat.

3700. GEG Historical Geography of the United States. (3-0-3) S-odd-numbered years. Reconstructing past geographical landscapes of the United States to 1900. Emphasis on changing landscape patterns and spatial organization patterns through time, perception of relic landscape features and contemporary preservation of distinctive historic places and areas.

3750. GEG Population Geography. (3-0-3) S-even-numbered years. Survey of world distribution of population through time. Examines patterns and consequences of mortality, fertility and migration. Emphasis on theories and models of migration, past and contemporary migration patterns, and information flow and individual movement in geographic space.

3775. GEG Urban Geography. (3-0-3) S-even-numbered years. Survey of development, distribution, functions, internal structures and morphology of cities. Emphasis on a geographic analysis and classification of urban centers, their tributary areas and their problems.

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 2250.

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 (4410) 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.(4410). 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

1400. GEL Physical Geology. (3-2-4) Common rocks and minerals; erosional processes that modify the Earth's surface, internal crustal activity. Field work. No credit if Earth Science 3000 is taken.

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.

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 1400 or concurrent enrollment.

2440. GEL Mineralogy. (3-2-4) F. A study of minerals with emphasis on crystallography, chemistry, classification, identification, genesis, and association. Prerequisites: Geology 1400 and one course in general chemistry.

3405 (3450). GEL Petrology. (2-2-3) S. Physical and chemical properties of rocks, their origin, classification and geologic distribution. Field work. Prerequisite: Geology 2440 or concurrent enrollment.

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 1400 or Earth Science 1420.

3430. GEL Structural Geology. (2-2-3) F. Forces involved in the deformation of rocks with emphasis on the recognition and interpretation of the resultant geologic structures. Field work. Prerequisites: Geology 2430 and Mathematics 1310 or equivalent.

3440. GEL Field Geology. (1-4-3) F. Solution of geologic problems using field methods and techniques in collection, classifying and analyzing data; research paper. Prerequisites: Geology 2430 and 3405.

3460. GEL Economic Mineral Deposits. (2-2-3) F. Origin, geologic occurrence and utilization of metallic and non-metallic mineral deposits. Field work. Prerequisite: Geology 1400.

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.

3480. GEL Geology of Energy Resources. (2-2-3) On demand. Introduction to the geology of fossil fuels, including petroleum, natural gas, coal, oil shale, and tar sands. Also includes geology of nuclear fuels, geothermal areas, and an introduction to methods of exploration of energy resources. No credit toward major in Geology.

3490. GEL Coal Geology. (2-2-3) F. 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 1400, 2430.

3510 (4470). GEL Principles of Sedimentation. (2-2-3) F. Sources of sediments, mechanics of transportation, depositional controls, post-depositional changes; physical and chemical properties of sedimentary rocks, classifications; analytical laboratory techniques. Field work. Prerequisites: Geology 2430 and 3405.

3525. GEL Hydrogeology. (2-2-3) S-even-numbered years. The study of the interrelationships of geologic materials and processes with water. Prerequisite: Geology 3420.

4000 (3410). GEL Petroleum Geology. (2-2-3) S. 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 1400, 2430, 3430, or permission of the instructor.

4200. GEL Introduction to Geophysical Exploration. (3-0-3) F, even-numbered years. 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 twice.

4450. GEL Well Log Interpretation. (2-2-3) F. 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.(3520). 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. Prerequisites: Geology 2430, 3405, and one year of Earth Science or introductory geology and historical geology or permission of the department chairperson. Strongly recommended: mineralogy, structural geology, petrology and stratigraphy. In extraordinary cases of health and/or financial difficulty an alternative program will be suggested by the geology faculty.

4480. GEL Optical Mineralogy. (3-2-4) S. 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

4891. GEL Palynology. (2-2-3) (On demand). Systematic, ecologic, stratigraphic, geologic study of both modern and fossil pollen and spores. This interdisciplinary course involves both field and laboratory work. Prerequisite: Permission of the instructor, on the basis of advanced training in botany or geology. Credit not granted for both Geology 4891 and Botany 4891.

4892. GEL 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.

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 Principles of Human Health: (2-0-2) A study of individual and social health issues through the application of health science theory and research.

2250. HST Professions in School and Community Health: (2-0-2) 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.

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: (2-0-2) S. A study of the occurrence and process of human infectious and chronic diseases.

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.

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 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.

3196 (4760). 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) 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: HED 2270, PLS 1103 or PLS 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. Prerequisite: 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 the health care system, and the impact of cultural stereotyping on women's physical and emotional health. Prerequisite: HST 1200.

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.

4043,4045, 4048. School Nurse Internship. (Arr.-Arr.-4043-3; 4045-5; HST 4048-8). An internship designed according to the Illinois Office of Education's criteria for certification as a school nurse. Prerequisite: Participants must be registered professional nurses licensed to practice in Illinois. The intern may take one or more courses at the same time.

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: HST 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, 3750, 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: HST 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: HST 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 4910. 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: HST 2250 and 2270, and SPC 2300 and 2630, or consent of the Health Communication Minor Coordinator. Will not count toward the Speech Comm. major or minor.

4913. HST **Organization and Administration of Cooperative Occupational Education. (3-0-3) On demand.** Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development are analyzed.

4923. HST **Coordination Techniques for Cooperative Occupational Education. (3-0-3) On demand.** 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 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.

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.

2010. HIS **History of the United States to 1877. (3-0-3)** 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) F.** 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.

2091. HIS **History of the United States Since 1877, Honors. (3-0-3) S.** 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.

2100. HIS **Afro-American History. (3-0-3) F.** A history of Afro-Americans from their African background to the present.

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.

3065. HIS **The American South. (3-0-3) S.** A history of the American South since 1820 with emphasis on social and cultural developments and the deviation between North and South.

3070. HIS **Frontier America and the Indian. (3-0-3) F-odd-numbered years.** Study of the first contacts of Europeans, Indians, and Africans to 1890.

3080. HIS **U.S. Diplomatic History. (3-0-3) On demand.** A survey of American diplomacy from the American Revolution to the present time.

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.

3240. HIS **History of American Sport. (3-0-3) S.** Development and impact of organized athletic endeavors in American society.

3260. HIS **Latin American History. (3-0-3) S-even-numbered years.** 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 Soviet-backed Communist challenges.

3430. HIS **History of England, 1066-1688. (3-0-3) F.** A survey of English History from the Norman conquest to the Glorious Revolution.

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.

3500. HIS **Research Techniques and Sources. (1-4-3) F, S.** Instruction in the collection, organization, and use of archival data.

3510. HIS **Ancient History. (3-0-3) F.** 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) S.** Empire and culture in the Latin West and in the Greek East—law, education, science, art and literature, society.

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.

3540. HIS **History of the Modern Middle East. (3-0-3) S-odd-numbered years.** A survey of the history of the middle east from the beginning of the Ottoman Turkish Empire to the present.

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.

3600. HIS **History of China. (3-0-3) F-even-numbered years.** Development of China from the Shang Dynasty down to the conflict with Western powers, Maoism, and the cultural revolution.

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.

3710. HIS **French Revolution. (3-0-3) On demand.** A study of the French Revolution and the concept of the revolution in general.

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.

3750. HIS **Studies in Europe. (Arr.-Arr.-1-6) Su.** (See Liberal Arts and Sciences 3750.) Prerequisite: Permission of the department chairperson. *Note:* May not be counted toward a minor.

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.

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.

3990. HIS **Studies in Ireland and Britain. (Arr.-Arr.-6) Su.** Independent research in history. Six weeks of residence in the Republic of Ireland or Great Britain will be required. Open to juniors and seniors. *Note:* May not be counted toward a minor.

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.

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.

4110. HIS **History of American Journalism. (3-0-3) S.** Survey of journalism in the United States from colonial times to the present.

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)**

4555. HIS **Honors Research (3-0-3)**

4644. HIS **Honors Thesis (3-0-3)**

4666. HIS **Honors Seminar (3-0-3)**

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.

4810. HIS **Europe in the Nineteenth Century. (3-0-3) On demand.** A study of nationalism, and other important "isms" of the century.

4820. HIS **The World in the Twentieth Century. (3-0-3) F-odd-numbered years.** The apex and decline of European hegemony in the age of the world wars, class war, cold war and totalitarianism.

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.

4840. HIS **Europe Since 1945. (3-0-3) On demand.** A political, social and cultural history of divided Europe since World War II.

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.

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.

4910. HIS **The Foundation of the American Constitutional and Political System. (3-0-3) S-odd-numbered years.** Study of United States governmental institutions from the Confederation to the days of Jackson.

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.

4960. HIS **Contemporary America. (3-0-3) F.** Study of major issues affecting the present generation with an emphasis upon historical courses and parallels.

4970. HIS **History of Ideas in America. (3-0-3) On demand.** The development of American concepts from first settlement to the present.

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. Prerequisites: None.

1150. HEC **Nutrition. (3-0-3) F, S.** Principles of normal human nutrition applied to various stages in life. For majors and others seeking physiological emphasis. (See Home Economics 3190 for others.)

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 customer, organizational structure, promotional activities and human resource considerations for these types of businesses.

2234.(3234). 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 **Household 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.

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 1050; Chemistry 3430 for the Dietetics option.

3140. HEC **Family Food Management. (1-4-3) F, S.** 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 either Home Economics 1150 or Home Economics 3190.

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 1150.

3190. HEC **Human Nutrition and Food Study. (2-0-2) F.** Fundamentals of nutrition applied to all ages; principles of menu planning, food buying and preparation. For non-majors and non-minors only.

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.(2245). 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 (4280). 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. Prerequisite: 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 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, equipment and services, and professional housekeeping procedures. Prerequisites: Home Economics 1120, 1150, 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 focussed 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 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.

3925. HEC **Demonstration Techniques. (0-4-2) F, S.** Development of desirable techniques and standards for use in business, teaching, and adult education.

3926. HEC **Consumer Presentation Techniques. (3-0-3) F, S.** Development of visual merchandising techniques, production of written and verbal informational materials for consumers and presentation techniques. Prerequisite: 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, management of time motion and materials. Prerequisites: Home Economics 1150 or 3190; and 2120.

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. (Credit/No Credit) F, S.** Preparation for the internship experience; includes pre-field preparation and securing of an internship placement.

4275. HEC **Field Experience. (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. Prerequisites: 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

Courses Open To Juniors, 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 3450, Home Economics 1150.

4751. HEC **Diet Therapy. (4-0-4) S.** A study of the therapeutic care of a patient through the prescription of specific diets in relation to disease syndromes. Prerequisite: Home Economics 1150 and 4750, Chemistry 1050, or (1300, 1315), or (1310, 1315) and Chemistry 3430, 3435, 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. Prerequisites: HEC 1150 or 3190.

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 and 3280 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 3280, 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: HEC 2800 and HST 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 are analyzed.

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 Systems Management. (2-2-3) F.** Organization and administration of food service systems, personnel management, cost control, food purchasing, 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

1043. INT **Engineering Graphics. (1-4-3) F, S.** Multiview, graphs, isometric and oblique projection; sectional views and dimensioning; concepts of descriptive geometry.

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: Technology Education 2324 or permission of the instructor.

2952. INT **Statics and Strength of Materials. (3-0-3) F.** 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 1441.

3012. INT **Metrology and Inspection Procedures. (2-0-2) F.** Applications of metrology in production manufacturing; inspection instruments and procedures. Prerequisite: Junior standing.

3013. INT **Architectural Planning and Analysis. (2-2-3) F.** Cost factors in home construction, styles, planning and selection of materials.

3033. 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 Technology Education 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 1441.

3053. INT **Computer Aided Drafting. (1-4-3) S.** An introduction to computer-aided drafting equipment with emphasis on the use of automated drafting equipment. Prerequisites: Industrial Technology 1043 for INT majors or Technology Education 3023 for TED majors.

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: Technology Education 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 Technology Education 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: Technology Education 3113.

3703.(3003) INT **Machine Design. (3-0-3) 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 1441).

3803. INT **Applied Thermodynamics. (3-0-3) S.** 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 1441 or 2110).

3920. INT **Independent Study. (Arr.-Arr.-1-5)** Independent study related to personal technological career goals in industrial technology. May be repeated to a maximum of five semester hours of elective credit in industrial technology. Prerequisites: Junior standing and permission of the department chairperson.

3933. INT **Alternative Energy Systems. (2-2-3) S.** Study of technology and systems related to use of present and alternative energy resources, with emphasis on energy utilization for heating, cooling, generating electricity, industrial processes and transportation.

4002. INT **Materials Testing. (0-4-2) F, S.** Applied analysis of mechanical and physical properties of industrial materials. Prerequisites: Technology Education 1263; Physics 1150 or Physics 1350, Mathematics 1300 or its equivalent.

4023. INT **Computer Integrated Manufacturing. (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 3203.

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) S.** Procedures in estimating material, labor and fabrication costs. Prerequisites: Technology Education 3023 and junior standing.

4243. INT **Construction Practices. (3-0-3) S.** Methods, materials, and procedures in construction management. Contracting, personnel management, specification procedure, fabrication techniques. Prerequisite: Technology Education 3023.

4274. INT **Industrial Electronics. (2-4-4) F.** Study of industrial control 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)** Employment experience in an area related to the student's option. May be taken only under Credit/No Credit 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: Technology Education 1263.

4643. INT **Metal Casting Processes. (1-4-3) S.** Control and prevention of casting defects, sand conditioning, melting and pouring techniques. Prerequisite: Junior standing.

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. Corequisite: Industrial Technology 4943.

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.

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. Prerequisites: Management 3950 or 6 semester hours of coursework in Industrial Technology.

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 2110 or 1441 or permission of the instructor.

5203. INT **Industrial Internship in the Technologies. (1 to 6)** An experiential learning activity designed to help students apply previously learned concepts, theories, principles and developed skills while working in one of the physical technologies industrial or business environments. A minimum of 40 hours of participation is required for each semester hour. Students must apply and obtain approval one semester prior to the proposed experience.

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 Foundation.

Undergraduate Courses

1200. IST **Introduction of Library/Media Use. (2-0-2).** Methods and techniques to help students learn to use libraries and library materials effectively.

3200. IST **Supervision of the School Media Center. (3-0-3)** Emphasis on the supervision and administration of the programs and services of the school library/media center.

3220. IST **Photography for Classroom Applications. (2-2-3)** Design and production of projected visuals for classroom use.

3300. IST **Selection of Materials for Children. (3-0-3)** Study of the literature available for children, selection criteria, and reading guidance techniques.

3320. IST **Selection of Materials for Young Adults. (3-0-3)** Study of literature for the adolescent, selection criteria, and reading guidance techniques.

4490. IST **Practicum (Clinical Experience.) (1-8-3)** Students are provided opportunities for a broad range of practical experiences in library media centers to allow maximum opportunity for applying theories and methods. Prerequisites: Information Services and Technology 3200, 3300 or 3320, 4750, and 4770.

4741. IST **Independent Study. (Arr.-Arr.-1-6) On demand.** Intended to permit a student to pursue more intensely various aspects of his/her special interests. Prerequisite: Permission of the department chairperson. May be repeated for a total of six semester hours credit.

Courses Open To Juniors, Seniors, and Graduate Students

4750. IST **Basic Sources of Information. (3-0-3)** Presents a working knowledge of the general and specialized library/media reference tools and services. Covers their content, evaluation and usage. For all teachers or graduate students in any field.

4770. IST **Cataloging and Classification of Information. (3-0-3)** Covers the purpose and function of library catalogs, descriptive cataloging, classification, and subject headings. Includes the development of skills in using cataloging manuals and practice in solving cataloging problems.

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 **Communications, 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

2100. JOU **Introduction to Journalism. (3-0-3)** An overview of the entire field of the mass media; media theory, journalism history, ethics, current issues, electronic media, telecommunications; with emphasis on the newspaper.

2101. JOU **Newswriting I. (2-2-3) F, S, Su.** Principles of gathering and writing news; lab experiences with basic news stories. Interview techniques, writing of obituaries and speech stories. Prerequisites: Completion of English 1000 or enrollment in English 1001, typing skill 25 wpm; Journalism 2100 or permission of the department chairperson. Credit not granted for both Journalism 2101 and 3820.

2190. JOU **Introduction to Journalism, Honors. (3-0-3)** Principles and practices of the American mass media, with emphasis on the newspaper. Development of the media through history, ethics, and problems, with comparison of print and electronic communications. Includes relevant aspects of current news, coverage of issues, and telecommunications along with practical journalism experience.

3000 (2102). JOU **Newswriting II. (2-2-3) F, S.** Advanced techniques of reporting for newspaper and telecommunications; laboratory experience with public affairs reporting. Prerequisite: Journalism 2101.

3001. JOU **News Photography. (2-2-3) F, S, Su.** Photographic work in community press media with emphasis on photo content. Prerequisite: Journalism 3000 or permission of 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. Prerequisite: Journalism 2101.

3102. JOU **Feature Writing. (3-0-3) F, 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 3002, 3000, and junior standing. Credit will not be given for both Journalism 3301 and Journalism 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. Credit will not be given for both Journalism 3302 and Journalism 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. Credit not granted for both Journalism 3820 and 2101.

3903. JOU **Women and the Media. (3-0-3) S.** 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 1002.

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 2100 and permission of the instructor.

3951. JOU **Black Journalism: Minorities and the Majority 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 1002.

4001. JOU **Newspaper Management. (3-0-3) S.** 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 reporter and communication law. 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)** 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) 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.

4800. JOU **Supervision of High School Publication. (3-0-3) Su.** Problems for advisors to high school publications; staff recruitment, staff-faculty relationships, production problems, and editorial judgments.

4820. JOU **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.

4900. JOU **Journalism Seminar. (3-0-3)** 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) 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.

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. Prerequisites: Concurrent enrollment with ELE 2320 is recommended, or permission of department chair.

3110. JHE **Curriculum and Instruction in Middle-Level School. (3-1-3). On demand.** 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: ELE 1230 and ELE 2320. Prior or concurrent enrollment in PSY 3521 is recommended.

3150. JHE **Interdisciplinary Teaching in the Middle-Level School. (3-1-3) S, On demand.** 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: JHE 3110 and PSY 3521, or permission of department chair.

4280. JHE **Teaching Reading in the Secondary School. (2-2-3) F.** Techniques for providing appropriate reading instruction in proper sequence for students in grades seven through twelve. Fifteen clock hours in prestudent teaching 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, On demand.** 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: JHE 3110 and PSY 3521, or permission of department chair.

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 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.

LIBERAL ARTS AND SCIENCES

Undergraduate Courses

2100. LA/S **The Ascent of Man. (2-0-2)** A survey of the biological and cultural evolution of man/woman. Credit applies to the general education distribution requirements: one hour to humanities and one hour to mathematics/science.

3001. LA/S **The Survival of Humanity: Crisis in Energy, Food, and Population. (3-0-3) S.** The world-wide problems of energy, food and population examined from the perspectives of the natural and social science, with related ethical issues posed for student discussion and debate.

3103. LA/S **Humanities. (3-0-3) Su.** Topics to be announced. Recommended for partial fulfillment of the humanities requirement.

3203. LA/S **Social Studies. (3-0-3) Su.** Topics to be announced. Recommended for partial fulfillment of the social studies requirement.

3303. LA/S **Mathematics-Science. (3-0-3) Su.** Topics to be announced. Recommended for partial fulfillment of the mathematics-science requirement.

3750. LA/S **Studies in Europe.** *This is not a course.* This entry refers to a group of courses. See 3750 under economics, French, German, Spanish, history, and political science. Study of the cultural, intellectual, economic and political aspects of a particular area or areas of Europe. Registration is handled by the Director of Continuing Education. Each participant must register for the appropriate number of semester hours of work from these courses, generally at least one semester hour per week of the program.

3990. LA/S **Summer Studies in Ireland and Britain.** *This is not a course.* This entry refers to a group of independent study courses. See 3990 under economics, English, history, political science, psychology, sociology. Six weeks of residence in Ireland or Britain is required. Registration is handled by the Director of Continuing Education.

LIFE SCIENCE

Undergraduate Courses

1000. LFS **Life Science. (1-4-3)** A study of the fundamental processes and structures common to all living things.

1090. LFS **Life Science, Honors. (2-2-3)** The study of the fundamental processes and structures common to all living things taught from an advanced point of view. Prerequisite: Admission to the 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 1000.

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) F, S, Su.** A study of the structure and operation of legal institutions, development of the common law and legislation, products law and consumer protection, employment law, regulation of business organizations, environmental protection, international business transactions, business ethics, social responsibility, and contracts. Prerequisite: Completion of 30 semester hours or more.

2810. MGT **Business Statistics I. (3-0-3)** Provides a working knowledge of the statistical tools used in analyzing business problems. Prerequisite: Mathematics 2120.

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 (3010H). MGT **Management and Organization Behavior for Honors Students. (3-0-3) On demand.** Organization fundamentals: objectives, functions, structure and operational procedures, interpersonal relationships, control and motivational systems, and communications. Prerequisite: Junior standing.

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: MGT 3010.

3470. MGT **Commercial Law. (3-0-3)** A survey of the law of sales, secured transactions, commercial paper, and bankruptcy. Prerequisites: MGT 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: MGT 2750 and junior standing. *Note:* Students required to take MGT 2460 should now enroll in MGT 2750.

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: MGT 2750 and junior standing.

3800. MGT **Introduction to Operations Research. (3-0-3) F, S.** An introduction and survey of the quantitative approaches to managerial decision making under conditions of certainty, risk, uncertainty, and competition. Prerequisites: Mathematics 2110 or 2120, and junior standing.

3820. MGT **Business Statistics II. (3-0-3) S.** Extension of the range of topics covered in Business Statistics I. Prerequisites: Management 2810 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.

3950. MGT **Operations Management. (3-0-3) F, S.** Management of manufacturing and services enterprises. Includes operations research techniques, plant locations, layout, and services. Prerequisites: Management 2810, 3010, and Mathematics 2110.

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: Permission of the department chairperson and acceptance of the student by a business firm on the basis of the student's application.

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: MGT 3010.

4320. MGT **Production Systems and Control. (3-0-3) S.** Designed to follow Management 3950. Meets the demands of business, particularly in the manufacturing area. Prerequisite: Management 3950. (Technology majors require INT 4943).

4340. MGT **Organizational Theory. (3-0-3)** A study of factors affecting organizational structure, performance, and effectiveness. Prerequisite: MGT 3010.

4350. MGT **Capacity Management. (3-0-3) F.** A study of aggregate planning, master production scheduling (MPS), and material requirements planning (MRP) and their interfaces with other production control activities and how the bill of material links MPS and MRP. Prerequisites: MGT 3950 (INT 4943 for technology majors).

4360. MGT **Administrative Policy. (3-0-3)** A study of administrative processes under conditions of uncertainty. This course uses knowledge and experience to develop the concept, theories and techniques from the functional areas. Prerequisites: ACC 2100, 2150, BED 2510 or DAP 2175, DAP 4250, FIN 3710, MGT 2750, 2810, 3010, 3950, MAR 3470, and senior standing. (Note: Computer MGT majors are not required to take DAP 4250)

4370. MGT **Job Evaluation. (3-0-3) F, S.** Analysis of the methods and techniques used in evaluating jobs. Prerequisites: Management 3010 and 3450.

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: MGT 3450 and MGT 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: MGT 3450, MGT 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: MGT 2810, 3450, 3560.

4600. MGT **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. Prerequisites: MGT 4320 or MGT 4350.

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: MGT 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

4750. MGT **Case Problems in Business Law. (3-0-3) S.** Case problems approach to the various topics in the field of business law. Prerequisites: Management 3470 and permission of the instructor.

4920. MGT **International Business Policy and Operation. (3-0-3) On demand.** Contemporary theories and practices in management of international business firms. Prerequisites: Junior standing and Economics 3860 or permission of the instructor.

4950. MGT **Management Consulting Research. (Arr.-Arr.-3) S.** Students in this course will be provided with the opportunity to perform consulting service for small business firms in east central Illinois. Prerequisite: Senior or graduate standing in the Lumpkin College of Business.

MARKETING

Undergraduate Courses

3470. MAR **Principles of Marketing. (3-0-3)** Marketing channels; marketing functions and institutions; methods in marketing agricultural products, raw materials and manufactured goods. Prerequisites: Economics 2802 and junior standing.

3490. MAR **Marketing Middlemen and Channels. (3-0-3)** Analysis of the roles of middlemen in retail, industrial and other wholesale levels in the marketing channel system, with special attention to the management of channel flows of goods, ownership, and financing. Prerequisites: Marketing 3470 and Accountancy 2100.

3491 (3470H). MAR **Principles of Marketing for Honors Students. (3-0-3)** Marketing channels; marketing functions and institutions; methods in marketing agricultural products, raw materials, and manufactured goods. Prerequisites: Economics 2802 and junior standing.

3600. MAR **Energy Marketing. (3-0-3) On demand.** Study and analyses of the marketing of energy. Emphasis is given to the nature of energy markets (especially to ownership of supply, and control and regulations of marketing operations), and to the various methods of transporting energy from producer to customer. Especially important is the impact of societal value judgments and life styles on the present as well as changing methods of marketing energy. Prerequisites: Economics 2802 and junior standing.

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 3720.

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: Permission of 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: 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

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 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 3490.

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 MAT 1441, proficiency credit will not be allowed for courses numbered below 2000.

Undergraduate Courses

1009. MAT **The Computer as an Intellectual Tool. (2-1-2)** Microcomputer applications: the word processor, spread sheet, and file manager. Large computer applications: the data base system and statistical package. Brief introduction to programming. History and social implications of computing. Credit will not be given for both Business Education 2500 and Mathematics 1009.

1099. MAT **Microcomputer Programming with Applications. (1-2-2) F, S.** Microcomputer programming in BASIC through algorithmic thinking. Applications of microcomputers to various disciplines, current technology, and graphics. Credit is not given for this course if student has credit for another college level programming course.

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.

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 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 or functions and matrices; row elimination; graphing. Prerequisite: Mathematics 1270 with grade C or better, or satisfactory 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. Prerequisite: Satisfactory score on placement exam.

1310. MAT College Trigonometry. (2-0-2) Basic concepts of right triangle trigonometry with applications. Prerequisite: Two years of high school mathematics. Not open to students who have completed or are enrolled in Mathematics 1330.

1330. MAT Analytical Trigonometry. (2-0-2) Analytical approach to trigonometry, its properties and applications. Prerequisite: Two years of high school mathematics.

1340. MAT Analytic Geometry. (3-0-3) F, S. Coordinate systems, conic sections, polar and parametric forms. Prerequisite: Mathematics 1310 or 1330.

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) or permission of the Mathematics Department Chair.

1441. MAT Calculus and Analytic Geometry I. (5-0-5) F, S. Functions, limits and continuity, derivatives and their applications. Definite integral, integration by substitution, calculus of inverse functions, conic sections. Prerequisite: Satisfactory score on the placement exam or permission of the department chairman.

1491. MAT Calculus I, Honors. (5-0-5) F. Functions, limits and continuity, derivatives, and their applications, the definite integral, integration by substitutions, calculus of inverse functions, and conic sections. Mathematics 1491 will fulfill the requirements of Mathematics 1441 or Mathematics 2110. Prerequisites: Satisfactory placement score, admission to the Honors Program and permission of the Director of the Honors Programs.

2110. MAT Mathematical Analysis. (3-0-3) Polynomial calculus, including derivatives and integrals of algebraic functions, with applications. Prerequisite: Mathematics 1271 or 1300 or satisfactory placement score.

2120. MAT Finite Mathematics. (3-0-3) Elementary set theory, probability, and linear algebra. Applications to business and social science. Prerequisite: Mathematics 1271 or 1300 or satisfactory 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 MAT 1441 or 2110. Students may count only four hours from MAT 2310 and MAT 2170.

2250 (1250). 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.

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 MAT 2310 and MAT 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: MAT 1441 or permission of the instructor.

2442. MAT Calculus and Analytic Geometry II. (5-0-5) F, S. Techniques of integration, applications of the definite integral, polar coordinates and parametric equations, analytic geometry of space, multi-variate functions, quadric surfaces, differential calculus of multivariate functions. Prerequisite: C or better in Mathematics 1441.

2443. MAT Calculus and Analytic Geometry III. (4-0-4) F, S. Sequences and series, vector-valued functions, integral calculus of multivariate functions, line and surface integrals. Prerequisite: C or better in Mathematics 2442.

2550. MAT Matrix Algebra with Applications. (3-0-3) F, S. The study of linear algebra with special emphasis on applications. Prerequisite: Mathematics 1300 or 1271.

2670. MAT Computational Techniques. (2-2-3) S. Computational models and problem solving, programming techniques. Prerequisite: Mathematics 2310.

3271,3272. MAT College Geometry. (3-0-3 each course) 3271-F, S; 3272-S. The study of geometry including a review of elementary geometry. Euclidean, non-Euclidean, and transformational geometrics. Prerequisite: Mathematics 1441. To be taken in sequence.

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 or permission of Mathematics Department Chair. Students may not receive credit for both 3320 and 3500.

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 2442, 3271, 3530; or permission of the department chairperson.

3420. MAT Introductory Geometry (3-0-3) F, S. The study of the concepts and theory of geometry as it is taught in grades K-6, via a problem solving approach using both calculators and microcomputers throughout. Prerequisites: MAT 1420 or satisfactory score on the first introductory mathematics placement test (IMPT1), or permission of the Mathematics Department Chairperson.

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: 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: MAT 3420, or satisfactory score on IMPT1 and IMPT2, and concurrent or prior registration in ELE 3240, 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 2345 and 2442.

3570. MAT Numerical Calculus. (3-0-3) S-odd-numbered years. Construction of algorithms for interpolation, quadrature, solution of equations and systems, solutions of ordinary differential equations. Prerequisites: Mathematics 2310, 2345 and 2443.

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: MAT 1420 and 3420, or satisfactory score on both introductory mathematics placement tests (IMPT1 and IMPT2), or permission of the Mathematics Department Chairperson.

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 Data Processing 2300.

3701,3702. MAT Probability and Statistics I and II. (3-0-3 each course) 3701-F, S; 3702-S. Basic concepts of probability and statistics. Prerequisites: Mathematics 2442 to be taken in sequence. 3701 may be taken concurrently with or following 2443; 3702 requires 2443 and 3701.

3770. MAT **Combinatorial Computing. (3-0-3) F.** Enumeration and counting —generating functions and recurrence relations; graph theory—trees, circuits, cutsets, transport networks; computational aspects of combinatories. Prerequisites: Mathematics 2170 or 2310 and 2345.

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 or the department chairperson.

4275. MAT **Internship in Computational Mathematics. (Arr.-Arr.-10 to 15; 1-5 during intersession provided there is concurrent registration in the summer term.)** 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 Computational Mathematics 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.

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, and dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces. Prerequisite: Mathematics 2550 and 3530 or permission of the department chairperson.

4800. MAT **Diagnosis, Remediation and Technology in Teaching Mathematics, K-12. (1-2-2) F.** 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. Prerequisites: Mathematics 3520 or 3400 or permission of the department chairperson.

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: MAT 2443 or permission of the Mathematics Department Chairperson.

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 and 3702 or permission of the departmental chairperson.

4855. MAT **Introduction to Topology (3-0-3), F.** Introduction to topological spaces, continuous functions, connectedness, compactness, countability, Separation Axioms, the Tychonoff Theorem, and complete metric spaces. Prerequisite: MAT 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 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 permission of the department chairperson.

4900. MAT **History of Mathematics. (3-0-3) Su.** 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 or permission of the department chairperson.

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 or permission of the department chairperson.

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. Prerequisite: MAT 1340 and 3420 or permission of the Mathematics Department Chair. 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 or permission of the 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.**

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. Prerequisites: Open to junior standing medical technology students only. Permission of the chairperson of the Medical Technology Program is required.

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. (0-10-1 to 7) 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.

2004. MSC **Terrorism. (3-1-3) F, S.** An overview of the history of domestic and international terrorism, terrorist and counter-terrorist organizations, and current trends in assessing, preventing, and countering terrorist activities. Prerequisite: Permission of the 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. (3-2-4) F.** Introduces the student to military professionalism and ethics, principles of leadership, the responsibilities and techniques of military leaders and the problems of leadership in the military environment. Field training is required. Prerequisite: 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 and 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 Riley, Kansas. 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. (3-2-4) F.** Lecture-discussion course on fundamental concepts of military justice; basic principles of courts-martial and non-judicial punishment. Includes breakdown of various staff principles and procedures in the Army organizational structure. Field training is required. Prerequisite: ROTC advanced course standing or permission of the instructor.

4004. MSC **Leadership Assessment. (3-2-4) S.** Course will train students to utilize Army Leadership Assessment Program tools to identify and resolve leadership problems. Skill areas include communications, human relations, organizational structures, use of military support structures for personal and professional assistance, and military leadership duties and responsibilities. Course will prepare students for entry into the military structure through practical exercises, classroom lecture/discussion, and simulation exercises. Field training is required. Prerequisite: ROTC advanced course standing 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. Prerequisites: MSC 3002 or permission of the instructor.

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. Information on audition dates and requirements is available through 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 fall registration period before classes begin.

Composition Auditions

Students who elect the theory-composition option are required to audition on either an instrument or voice and to provide scores and/or tapes of original compositions prior to enrollment. Only in a case where exceptional composition skills can be demonstrated is a freshman admitted to the Department as a major in the theory-composition option. Typically, a student is required to complete one semester of music theory before being permitted to study composition. After one or more semesters of composition study the student's progress is evaluated by the theory/history faculty. If satisfactory, the student is admitted to the option; this usually occurs at the end of the freshman year.

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 sizeable 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
Theory-Composition Option	1, 2 or 4	½-1 hour	1-4 hours
Jazz Studies Option	2 or 4	1 hour	2-4 hours
Music Education Option Instrumental, Vocal, and General Music Emphasis	1 or 2	½-1 hour	1-2 hours

Students are expected to complete the minimum applied study requirement over a period of seven semesters. Secondary applied study (the study of any instrument or voice in addition to the primary or principal area) may occur in any option or emphasis for 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 piano and jazz piano. The traditional piano 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.

Music Ensembles

Membership in music ensembles is open to all students. Selection for most ensembles 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 and minors beyond four semesters may be counted for upper division credit. Instruments are available without charge for students wishing to participate in instrumental ensembles.

Chamber Groups in instrumental Music
Chamber groups of woodwinds, brasses, strings keyboard, and percussion are organized to enrich the experience of players in the standard literature. Music 0600, Secs. 1, 2, 3, 5, 6, 7.

Chamber Singers
An ensemble of mixed voices for the study and performance of vocal chamber music dating from 1500 to the present. Music 0600, Sec. 4.

Concert Band
The concert band functions as a musical unit for studying and performing all types of band literature. Music 0100.

Concert Choir
A select ensemble of approximately 60 men and women. A wide variety of choral literature is performed. Music 0300.

Jazz Ensemble and Lab Band
The jazz ensemble and lab band offer an opportunity to play the finest in jazz band music. The jazz ensemble rehearses four days each week. The lab band rehearses two days or evenings each week. Various programs including tours and festivals are performed each year. Music 0120.

Jazz Combo
Jazz Combos of four to six musicians perform and study the standard repertoire of the jazz idiom as well as develop improvisational skills. Music 0600, Sec. 6.

Marching Band
The Marching Band performs during the football season for all home games and takes several off-campus tours each season. Music 0100.

Marimba Orchestra
An ensemble of six marimba players performing music written specifically for or arranged for this type of group. Music 0600, Sec. 5.

Mixed Chorus
An ensemble of mixed voices which studies and performs many types of choral literature. Some opportunity is provided for student conductors to improve their techniques. Music 0300.

Music Theater/Opera
Music Theater/Opera students produce major productions with orchestra, smaller productions with piano, touring productions and in class scene productions to develop music theater and opera skills. Music 3120.

Oratorio Chorus
At certain times the Concert Choir and Mixed Chorus form the nucleus of the Oratario Chorus for the study and performance of cantatas, oratorios, Masses, and other major choral works.

Pep Bands
Personnel of the Pep Bands are selected from the Symphonic Winds and Concert Band to perform at basketball games.

Percussion Ensemble
An ensemble performing percussion music from 1930 to the present. Music 0600, Sec. 5.

Show Choir
An ensemble performing popular and broadway music with choreography.

String Orchestra
An ensemble for string players interested in the study and public performance of literature for the string orchestra. Music 0110.

Symphony Orchestra
The orchestra presents regular programs of representative works from symphonic literature. In addition, the orchestra participates in certain choral and operatic productions. Music 0110.

Studio Clarinet Choir
The Studio Clarinet Choir performs original and transcribed period works. Music 0600, Sec. 7.

Wind Ensemble
A select wind ensemble organized for the study and performance of the highest quality literature. Music 0100.

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 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. 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.

Theory-Composition Option. Students with an option in theory-composition are required to present appropriate projects in lieu of the junior and senior recitals.

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.

Undergraduate Courses

All undergraduate courses are open to students who are not majors or minors in music except the following: Music 1203, 1204, 2203, 2204, 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: 0100, 0110, 0120, 0300, 0600, 2552, 2553, 2554, 2561, 2563, and 2564.

Courses which fulfill the Fine Arts Requirement: 2552, 2553, and 2554.

Classes in Piano, Voice, and Guitar: 1101, 1136, 1201, 1202, 2201, and 3136.

Courses for Elementary and Special Education Majors: 1421, 1423, 3421, 3423, 3435.

In addition, ensembles (0100-0300 and 0600), applied study (0010-0070), 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 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
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
0060. Piano. (Arr.-Arr.-1, 2 or 4)
0061. Organ. (Arr.-Arr.- 1, 2 or 4)
0062. Harpsichord. (Arr.-Arr.-1, 2 or 4)
0070. Composition. (Arr.-Arr.-1, 2 or 4) Prerequisite: Permission of Instructor.
0071. Organ Service Playing. (Arr.-Arr.-1, 2, or 4)

0100. MUS **Ensemble, Band. (0-6-1) F, S.** Music majors and minors may count up to six semester hours toward graduation. Non-music majors may count four semester hours toward graduation.

0110. MUS **Ensemble, Orchestra. (0-4-1) F, S.** Music majors and minors may count up to six semester hours toward graduation. Non-music majors may count four semester hours toward graduation.

0120. MUS **Ensemble, Jazz. (0-4-1) F, S.** Music majors and minors may count up to six semester hours toward graduation. Non-music majors may count four semester hours toward graduation. Prerequisite: Permission of instructor.

0300. MUS **Ensemble, Chorus. (0-4-1) F, S.** Music majors and minors may count up to six semester hours toward graduation. Non-music majors may count four semester hours toward graduation.

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.

0600. MUS **Chamber Ensemble. (Arr.-Arr.-1)** The study and performance of ensemble literature for vocal, piano and instrumental groups.

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 techniques.

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.

2001. MUS (See Fine Arts 2001)

2002. MUS (See Fine Arts 2002)

2003. MUS (See Fine Arts 2003)

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.

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 1543 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.

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 observations 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.

2552. MUS **Musical Encounters. (3-0-3) F, S.** Listening to music selected to illustrate musical components, approaches to performance, and a variety of musical styles. Emphasis placed upon live performance in class. Not open to music majors and minors. Applies toward both the humanities and the fine arts requirements.

2553. MUS **Musical Masterworks. (3-0-3) F, S.** The study of a limited number of masterworks selected from various historical periods. Directed listening is emphasized. Not open to music majors or minors. Applies toward both the humanities and the fine arts requirements.

2554. MUS **The Evolution of Jazz and Rock Music. (3-0-3) F, S.** A survey of American jazz and rock music focusing upon the musical characteristics of the different styles. Representative music from each style will be played and discussed. Open to all students. Applies toward both the humanities and the fine arts requirements.

2561. MUS **The Music of Black Americans. (3-0-3) F, S.** A course emphasizing Black contributions to American music, including the study of spirituals, jazz, folk, soul, popular, and classical music. Applies only toward the humanities requirement.

2563. MUS **History and Literature of Music. (3-0-3) F, S.** The development of music from the ancient times through the Baroque. Not open to music majors or minors. Applies only toward the humanities requirement.

2564. MUS **History and Literature of Music. (3-0-3) F, S.** The development of music from the classical period to the present. Not open to music majors or minors. Applies only toward the humanities requirement.

2570. MUS **Music of the Americas. (3-0-3) S-odd numbered years.** A survey of music in the Western Hemisphere from the colonial period to the present.

3120. MUS **Music Theatre/Opera Workshop. (0-4-1 or 2) F, S.** The study and performance of Music Theatre and Opera. 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 **Piano Pedagogy I. (2-1-3) F.** An introduction to teaching private and group piano lessons. Music and materials from preschool through second year level are surveyed. Observation and guided teaching of a beginner's group is a required part of the course. Prerequisites: Appropriate keyboard background and permission of the instructor.

3222. MUS **Piano Pedagogy II. (1-1-2) S.** A continuation of Piano Pedagogy I, with emphasis on third year and intermediate level teaching methods and materials. Teaching a pre-college pupil will be a required part of the course. Prerequisite: Music 3221 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 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. Recorders. (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)
3370. Composition. (Arr.-Arr.-1, 2 or 4) Prerequisite: Permission of instructor.
3371. Organ Service Playing. (Arr.-Arr.-1, 2 or 4

3400. MUS **Methods of Teaching Instrumental Music. (2-2-3) F.** Instrumental methods and materials and clinical experiences appropriate for elementary and secondary schools. Ten clock hours of public school observation and participation are required. Prerequisites: Music 2440, Educational Psychology 3325 and Secondary Education 3330. For music majors and minors only.

3420. MUS **Music in Elementary Schools. (2-0-2).** Contemporary methods and materials of teaching music as aesthetic education in pre-school and in the elementary grades. Prerequisite: MUS 1421, or MUS 0541 or satisfactory grade on the Music Competency Exam. Open to elementary and special education majors only.

3421. MUS **Music in Elementary Schools. (3-0-3)** Contemporary methods and materials of teaching music as aesthetic education in the elementary grades. Topics include Orff, Kodaly, and Music in Special Education considered within a framework of child development. Prerequisite: Music 1421. For elementary education and special education majors.

3423. MUS **Music in Elementary Schools. (3-0-3)** Contemporary methods and materials of teaching music as aesthetic education in the primary grades. Topics include Orff, Kodaly, and Music in Special Education considered within the framework of child development. Prerequisite: Music 1421. For elementary education majors with early childhood emphasis and special education majors.

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.

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.

3600. MUS **Advanced Jazz Combo. (Arr.-Arr.-1) F, S.** A performance-orientated 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. Prerequisite: Music 1542 and 1544 or permission of the instructor.

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 3571 or 3572.

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.

4990. 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.**

OCCUPATIONAL EDUCATION

Undergraduate Courses

3200. OED **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. OED **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. OED **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: Occupational Education 3200 or consent of the instructor.

4275. OED **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. OED **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. OED **Strategies and Processes in Occupational Education. (3-0-3)** Application of such teaching strategies as problem-solving, simulation, programmed instruction, computerized instruction and innovative and emerging methods and materials suitable for vocational teachers.

4810. OED **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. OED **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. Prerequisites: Three semester hours in psychology, sociology or management, or permission of the program director.

4830. OED **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. OED **Occupational Training Systems. (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: Occupational Education 4800 plus six semester hours in other Occupational Education coursework.

4913. OED **Organization and Administration of Cooperative Occupational Education. (3-0-3)** Introduction to Occupational Cooperative Education including determining the need for, types of, establishing programs, determining resources and constraints, public relations and policy development.

4923. OED **Coordination Techniques for Cooperative Occupational Education. (3-0-3)** To prepare teacher-coordinators for their role. Emphasis on student selection, training agreements and plans, sponsor development, related class management, on-the-job problems, and individualized learning activities.

PHILOSOPHY

Note: Philosophy 1800, Philosophy 2000 or Philosophy 3000 is recommended as the most appropriate choice for students who elect a single course in philosophy. As introductory treatments of the techniques and issues of philosophic inquiry, Philosophy 1800 focuses attention on representative problems without reference to historical perspective, whereas Philosophy 2000 explores a range of problems in an historical context. While both these courses deal mainly with the traditional problems of philosophy, Philosophy 3000 examines various contemporary ideas and issues in a philosophical perspective. If a student anticipates the election of more than one of the history courses, it would be advisable to schedule them in the order of their historical sequence.

Note also that all philosophy courses numbered below 4000 count toward satisfying the Humanities Requirement.

Undergraduate Courses

1800. PHI Problems of Philosophy. (3-0-3) An introduction to philosophic inquiry through analysis of selected problems: Knowledge, Value, Religion, and Alternative World Views.

1900. PHI Logic. (3-0-3) An introduction to the principles of sound reasoning: logic and language, deductive and formal logic, empirical scientific methodology.

2000 (3200). PHI Socrates, Plato, and Aristotle. (3-0-3) F. An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers: Platonic love, the ideal state (Utopia), the Golden Mean.

2010. PHI Eastern Philosophies. (3-0-3) F-even-numbered years. An introduction to the traditional philosophical-religious ideas of the life and culture of China, India, and Japan.

2090. PHI Socrates, Plato, and Aristotle, Honors (3-0-3) S, even years. An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers.

3000. PHI Philosophy and Current Issues. (3-0-3) Philosophical examination of some important contemporary ideas and current issues of life and society. Topics such as Man, Love, Nature, Science, Alienation, Justice, Revolution, War, and Peace.

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. Study of philosophical problems such as God, love, personal identity, alienation, and freedom in literature.

3070. PHI Existentialism. (3-0-3) S-even-numbered years. Examination of such thinkers as Kierkegaard, Nietzsche, Heidegger, Tillich, and Sartre.

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) S-even-numbered years. 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) S-odd-numbered years. Examination of the philosophical foundations of modern thought, emphasizing the critical role of the scientific revolution of the 16th century and the corresponding need for a new philosophical synthesis in the areas of metaphysics and epistemology especially, but also in politics, ethics, and aesthetics.

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.

3500. PHI Karl Marx and Marxism. (3-0-3) F-even-numbered years. Examination of the philosophical foundations of Marxism, its theory of man and history, the social and political theory, and the interpretation of Marxism in Russia, Europe, and the East.

3800. PHI Topics in Twentieth-Century Philosophy. (3-0-3). F-odd-numbered years. Selected topics with primary attention to such movements as Analytic Philosophy, Phenomenology, Hermeneutics, Critical Theory, Post-structuralism. Among philosophers to be discussed are Wittgenstein, Quine, Husserl, Heidegger, Habermas, Rorty, Foucault, Derrida. Topics change at each offering. Prerequisite: Six semester hours in Philosophy or permission of the instructor. May be taken twice for credit with the permission of the department chairperson.

3900. PHI Philosophy of Religion. (3-0-3) F. 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.

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 majors may have six semester hours of credit in physical education service courses. Physical education and recreation 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.

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.

1420. PED Advanced Life Saving. (0-2-1) F, S. Prerequisite: Physical Education 1410 or demonstrate level of ability by passing a pre-test.

1440 PED Lifeguarding. (0-2-1). S. Course description: Upon satisfactory completion of the course, students will be certified by the American Red Cross. Prerequisites: HST 1120 or 3001, PED 1420, HST 2320 or 3100 or equivalent. Must also pass a preliminary swimming skills test.

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.

1460. PED **Water Safety Instruction. (0-2-1) F, S.** Prerequisite: A student must have passed Physical Education 1420 or have a recently-earned Senior Life Saving Certificate issued by the American Red Cross.

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.**

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.**

1690. PED **Track and Field. (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 fundamental of aerobic exercise which is accompanied with 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.

1860. PED **Beginning Karate. (0-2-1) F, S.**

1870. PED **Tennis. (0-2-1)**

1880. PED **Fencing. (0-2-1) F, S.**

1900. PED **Folk Dance. (0-2-1) F.**

1910. PED **Modern Dance. (0-2-1) F, S.** Fundamentals of modern dance as an art form.

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.

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.(2320). 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 sports 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.

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 1910 or 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.

2270. PED **History and Philosophy of Dance. (3-0-3) F.** A survey of Western theatre dance from the 15th century to the present. Emphasis will be on the development of the ballet and modern dance forms. May be used as partial fulfillment of the humanities requirement.

2360. PED **Techniques and Theory of Softball and Volleyball. (0-4-2) S.** The development of basic game skills, strategies and techniques 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 (2104). 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.

2410. PED **Physical Education for Elementary Children. (3-0-3) F, S.** An introductory course in elementary physical education. A minimum of 10 clock hours of pre-clinical experience required.

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.

2701. PED **Football Officiating. (1-1-1) F.** The course is designed to acquaint students with the rules and mechanics of officiating football and flag football.

2702. PED **Basketball Officiating. (1-1-1) F.** The course is designed to acquaint students with the rules and mechanics of officiating men's and women's basketball.

2705. PED **Softball and Baseball Umpiring. (1-1-1) S.** The course is designed to acquaint students with the rules and mechanics of umpiring softball and baseball.

2707. PED **Volleyball Officiating. (1-1-1) F.** The course is designed to acquaint students with the rules and mechanics of officiating volleyball.

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.

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.

3330. PED **Badminton and Tennis Coaching. (2-2-3) S.** A study of analyses of skills and methods of teaching badminton and tennis. Prerequisites: Physical Education 1810 and 1870.

3350. PED **Swimming Coaching. (2-1-2) F.** Emphasis on mechanical principles of swimming and diving and methods of coaching. Prerequisite: Equivalency of Physical Education 1410 or permission of the instructor.

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.

3550. PED **Wrestling Coaching. (2-1-2) F.** Theory and application of wrestling maneuvers; rules, conditioning, training. Prerequisite: Previous experience or 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 2410 or 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 2410 or 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 2410 or 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 2310.

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 the 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 HST 3199 and PED 3900.

4275. PED **Field Experience. (Arr.-Arr.-3 or 6) Credit/No Credit. F, S, Su.** 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/Chairperson.

4320. PED **Organization, Administration and Supervision of Physical Education. (3-0-3)**

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 2999.

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

4750. PED **Measurement and Evaluation in Physical Education. (3-0-3)** Selection and administration of physical measurements and written tests commonly used in physical education.

4820. PED **(Recreation 4800). 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 Recreation 4820.

4850. PED **Diagnostic-Prescriptive Techniques for Special Populations in Physical Education. (3-0-3). F, Su.** This course will focus upon testing, assessing and evaluating of special population individuals for physical fitness and motor skills. Prerequisites: PED 2440, PED 2450, PED 4340.

4880. PED **Theory of Motor Behavior. (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.

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.

3950. PHS **Energy Science. (3-0-3) S.** A course taught jointly by the Departments of Chemistry and Physics. Topics covered include the conversion, distribution and storage of energy, concomitant environmental problems, and methods of energy conservation. Prerequisites: One year of college-level physics; one year of college-level chemistry; differential and integral calculus.

Graduate Courses

Courses in chemistry and physics are used for the M.S. in Education degree in Physical Science. See Chemistry and Physics.

PHYSICS

Physics 1050 is a one semester course covering topics of contemporary interest for the non-science oriented students. It is especially appropriate for use in the Mathematics-Science General Education requirement.

Physics 1350, 1360, and 1370 constitute the standard introductory sequence in physics for majors and minors in chemistry, physics, industrial technology, and pre-engineering. Physics 1150 and 1160 are intended primarily for geology and life science 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. Students planning to enter graduate programs which require a year of physics should take Physics 1150 and 1160, or 1350 and 1360.

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.

1050. PHY **Adventures in Physics. (3-2-4)** Contemporary physics emphasizing the relevance of physics in today's world. Topics such as atomic and solar energy, light, photography, the physics of music, space, travel and relativity are developed on a foundation of basic physics concepts. No prerequisite: No credit for a student who has had a previous course in college physics except for Physics 1054.

1054. PHY **Descriptive Astronomy. (2-2-3)** An introduction to: the solar system, stars, starlight, interstellar material, galaxies, evolution of stars and galaxies. Open to all students. Does not count towards a physics major or minor.

1070 PHY **(1210). Physics of Sound and Music. (3-2-4) F, S.** 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)** Motion, Newton's Laws, Energy Momentum, Gravity and Heat. The first of a two-semester sequence structured for students in geology, life sciences, the health professions, etc. Credit not given for both 1150 and 1350. Prerequisite: Mathematics 1300 or satisfactory mathematics placement score.

1160. PHY **Principles of Physics II. (3-2-4)** Electricity and Magnetism, Light, Sound and Atomic Physics. Prerequisite: Physics 1150 or permission of the instructor. Not intended for physics majors, chemistry majors, or pre-engineering students. Credit not given for both 1160 and 1360.

1350. PHY **General Physics I. (3-3-4)** Statics, dynamics, simple harmonic motion, and relativistic mechanics. The first of a three-semester sequence structured for students in chemistry, engineering, mathematics, physics, etc. Corequisite: Mathematics 1441. Credit not given for both 1350 and 1150.

1360. PHY **General Physics II. (3-3-4)** Thermodynamics, electricity and magnetism. Prerequisite: Physics 1350 or permission of instructor. Credit not given for both 1360 and 1160. Corequisite: Mathematics 2442.

1370. PHY **General Physics III. (3-3-4) F, S.** Wave motion and sound, optics, modern physics, atomic and nuclear theory. Prerequisite: Physics 1360 and Mathematics 2110 or 2442 or permission of instructor.

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. Mini-Physics. (1-0-1 for each) Self-contained treatment of an **PHY** area of physics or of physics and its relationship to society or the environment. Specific topics announced each semester. May be repeated with the approval of the department chairperson. A maximum of three semester hours may be counted toward graduation.

3150. PHY **Electronics. (2-4-4) S.** A study of the fundamentals of transistor electronics. Emphasis on scientific applications. Prerequisites: Physics 1160 or 1360 and one course in calculus.

3260. PHY **Circuit Analysis. (4-0-4) S.** Basic principles of network analysis, including Kirchoff's laws, node and mesh equations, equivalent circuits, operational amplifiers, resistor-capacitor-inductor circuits, sinusoidal steady-state analysis, three-phase circuits, Laplace transform, transfer functions, frequency response. Prerequisite: Physics 1360. Corequisite: Mathematics 3501.

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) F, even-numbered years.** Discussion of crystal structure, crystallography, the theory of thermal and electrical transport properties of metals, semiconductivity, and superconductivity. Corequisite: PHY 3410 or CHM 3920.

3410. PHY **Electricity and Magnetism I. (3-2-4) 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. (3-3-4) S-even-numbered years.** 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)** 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. (2-3-3) F-odd-numbered years.** Geometrical optics, optical instruments, wave optics: superposition, coherence, interference, diffraction, polarization. Prerequisite: Physics 1370.

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)** Selected problems based on the student's interests. Admission and assignment of problems by arrangement. Laboratory, reading, and conference. Prerequisite: Permission of the instructor.

4830. PHY **Experimental Physics I. (0-6-3) S.** Experiments chosen for their pertinence to high school physics teaching. Emphasis on selection, procedure, analyzing results and reporting. Required for high school physics certification. Prerequisite: Physics 1370 or 1160.

4840. PHY **Experimental Physics II. (0-6-3) S.** Experiments from different areas of physics using varied techniques and equipment in acquisition and analysis of physical data. Prerequisite: One physics course beyond Physics 1370.

4850. PHY **Quantum Mechanics and Atomic Physics I. (3-3-4) F.** Schrodinger equation applied to one, two, and three dimensional problems, harmonic oscillator and hydrogen atom, uncertainty principle. Prerequisites: Physics 1370, 2400; 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) S-even-numbered years.** Selected topics from dynamics (Langrangian, Hamilitonian), 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.

1103. PLS **American National Government. (3-0-3)** The fundamental principles of the American Constitutional System: Federalism, political opinion, political parties, pressure groups, legislators, the Presidency, bureaucracy, judiciary, civil liberties.

1193. PLS **American National Government, Honors (3-0-3) On demand.** The fundamental principles of the American Constitutional system: federalism, political opinion, political parties, pressure groups, legislators, the Presidency, bureaucracy, judiciary, civil liberties.

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 non-majors without permission of the instructor.

2203. PLS **Introduction to International Relations. (3-0-3) F.** An examination of the nature of the nation-state system and the sources of conflict in the international community.

2211. PLS **Techniques of U.N. Diplomacy. (1-0-1) S.** The structure, origins and practical application of diplomatic techniques in the U.N. organization. The course may be taken twice for credit. Prerequisite: Permission of the instructor.

2511. PLS **Mock Trial. (0-2-1) S.** A role-playing class, in which students are trained to represent attorneys and witnesses in the Mock Trial competition. Prerequisite: Permission of the Chairperson of Pre-Legal Studies. 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.

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.

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 Organization. (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 **Politics and Policy Issues in Western Europe. (3-0-3) F.** Welfare state programs, political economy, political attitudes and behavior, parties and elections, structures and processes for policy making.

3323. PLS **Government and Politics of the U.S.S.R. and Eastern Europe. (3-0-3) S.** Marxism-Leninism, structures and functions of the Communist Party and government, social and economic policy, dissent, and the police state.

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 of China and Asia. (3-0-3) F.** The political systems of China and other major nations of Asia with an emphasis upon the Communist Party, ideology, political processes and institutions. Prerequisite: Three semester hours of political science.

3373. PLS **Politics of Oil in the Persian Gulf States. (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 its relationship to politics. Prerequisite: Political Science 1103.

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 1103 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 1103 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 1103 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 1103 or permission of the instructor.

3750. PLS Studies in Europe. (Arr.-Arr.-1 to 6) (See Liberal Arts and Sciences 3750.) Prerequisite: Permission of the department chairperson. *Note:* No more than three semester hours may be counted in the minor.

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) F-odd-numbered years. 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.

3990. PLS Summer Studies in Ireland and Britain. (Arr.-Arr.-6) Su. Independent research in political science. Six weeks of residence in the Republic of Ireland or Britain will be required. Prerequisite: Junior or senior standing. *Note:* No more than three semester hours may be counted in the minor.

4275. PLS Internship. (Arr.-Arr.-1 to 12) (Credit/No Credit). Work experience as an intern in a government agency, political party or law firm. Amount of credit depends on length of the work experience. Credit for this course does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the University. Prerequisites: 2.5 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. Prerequisite: 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. Prerequisite: 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. Prerequisite: Permission of Director of Honors Programs and Departmental Honors Coordinator.

Courses Open To Juniors, Seniors, and Graduate Students

4753. PLS Research Methods and Program Evaluation. (3-0-3) F. Problems and techniques of social scientific and policy oriented research; methods of data analysis including research design, applied regression analysis and cost-benefit analysis. Prerequisite: Three semester hours of political science or permission of the instructor.

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 1103 or permission of the instructor.

4821,4822, 4823. International Policy Issues. (3-0-1 each course) S-even-PLS 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. Policy Practicum. (3-0-1 each course) S-odd-numbered PLS 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, 4832, 4833.

4843. PLS Analysis of Urban Politics. (3-0-3) S-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) 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 1103 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 1103 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. 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

2310. PSY **Introduction to Psychology I. (3-0-3)** The first half of a survey of methods, concepts and principles of psychology to cover the following topics: development, learning, social, testing, intelligence, personality theory, abnormal, and therapeutic methods.

2320. PSY **Introduction to Psychology II. (3-0-3)** The second half of a survey of methods, concepts and principles in psychology to cover the topics: scientific method, history and systems, sensation, perception, learning, memory and cognition, motivation and emotion, and psychophysiology. Prerequisite: PSY 2310.

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 2310.

2390. PSY **Introduction to Psychology II, Honors. (3-0-3) F.** The second half of a survey of methods, concepts and principles in psychology to cover the topics: scientific method, history and systems, sensation, perception, learning, memory and cognition, motivation and emotion, and psychophysiology. Prerequisite: Psychology 2310 or permission of the instructor.

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 2310, 2320, and Mathematics 1271 or 1300 or satisfactory score on the Math Placement Exam.

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 2310 or 2320.

3310. PSY **Physiological Psychology. (3-0-3) F.** A survey of the physiological correlates of the behavior in humans and lower organisms. Prerequisite: Psychology 2310.

3400. PSY **Methods of Teaching Psychology. (3-0-3) F, S.** Training and practice in how to teach high school psychology. Thirty hours of pre-student teaching clinical experience and learning modules from several simulated teaching experiences prepare each student to teach an entire psychology course. Prerequisites: Educational Psychology 3325, and Secondary Education 3330; Psychology 2310 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 of the processes involved in the development of the physical, cognitive and affective domains. Prerequisite: Psychology 2310.

3521. PSY **Psychology of Adolescence and Young Adulthood. (3-0-3) F, S.** A survey of psychological development during adolescence and young adulthood; the influences of biological, cognitive and social factors affecting identity, roles, and occupational selection. Prerequisite: Psychology 2310. (Psychology 3515 is strongly recommended, but not required.)

3525. PSY **Psychology of Maturity and Old Age. (3-0-3)** A study of human developmental age-related changes from post-adolescence to death in such psychological process areas as intelligence, learning and memory, personality, sensation and perception, motivation and emotion. Emphasis will be given to developmental changes following adolescence to death. Prerequisite: Psychology 2310.

3530. PSY **Industrial Psychology. (3-0-3) F, S.** Applications of the methods and principles of psychology to organizational and work-related settings. Personnel, organizational, environmental, and technological issues are considered. Prerequisite: Psychology 2310 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 principles, assessment, research and techniques used in the treatment process. Prerequisite: Psychology 2310.

3601. PSY **Psychological Measurements: Fundamental Principles. (3-0-3)** Statistical background, administration, interpretation and evaluation of interest, aptitude, intelligence and personality tests. Prerequisite: Psychology 2310, 2320.

3620. PSY **Psychology of Learning. (3-0-3) S.** Introduction to basic principles and concepts of learning with particular emphasis on the application to problems of human learning. Prerequisite: Psychology 2310.

3680. PSY **Sensation and Perception. (3-0-3) S.** Survey and study of the basic principles of sensation and perception relative to person's interaction with the environment. Applied significant and life span trends are considered. Prerequisites: PSY 2310 and 2320.

3690. PSY **Controversial Topics in Psychology. (3-0-3) F.** Exploration of special interest or controversial topics in psychology as: hypnosis, drugs, behavior, transcendental meditation, gay liberation, biofeedback, ESP, and IQ controversy. Prerequisite: Psychology 2310.

3805. PSY **Research Methods and Experimental Design. (2-4-4)** Examination of research methodology in psychology, including observational, experimental, and survey techniques. Provides opportunity to design research, analyze data, and write scientific reports. Prerequisites: PSY 2310, 2320, and 2610. Credit not given for both PSY 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 2310, 2320, 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 2310.

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 six hours.

3990. PSY **Summer Studies in Ireland and Britain. (Arr.-Arr.-6) Su.** Independent research in psychology. Six weeks of residence in the Republic of Ireland or Britain will be required. Prerequisite: Junior or senior standing. *Note:* No more than three semester hours may be counted in the minor.

4250. PSY **History and Systems. (4-0-4) F.** Equal time will be devoted to contemporary systems and the history of psychology as an experimental science. Prerequisite: Fifteen semester hours in psychology.

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 2310, 4274, approval of field experience instructor and junior standing in advance of registration.

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. Prerequisite: 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. Prerequisite: 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 2310 or Sociology 2710.

Courses Open To Juniors, Seniors, and Graduate Students

4750. 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. Prerequisite: Psychology 2310.

4760. PSY **Personality Assessment I: Foundations and Behavioral Assessment. (3-0-3) Su, F.** An introduction to the conceptual foundations of personality assessment with an emphasis on the evaluation of quality of evidence and decision making processes. Major approaches to assessment are surveyed and the student develops competencies in behavioral methods, including interviewing and observation. Prerequisites: Psychology 3590 and 3601, or permission of instructor.

4765. PSY **Methods in Behavioral Management. (3-0-3)** The basic concepts of human operant conditioning. Emphasizes applied research and techniques of behavior management applicable to a wide variety of settings and problems.

4780. PSY **Abnormal Behavior. (3-0-3)** A study of the etiology, diagnosis, and treatment of neurosis, psychoses and various emotional and behavioral disorders. Prerequisite: Psychology 2310.

4820. PSY **Psycholinguistics. (3-0-3)** Psycholinguistics is the study of the mental processes and knowledge used by individuals in comprehending, producing, and acquiring language. Prerequisites: Psychology 2310.

4830. PSY **Introduction to Group Dynamics. (1-2-2) F, S.** Introduction to group dynamics and therapeutic group procedures. Laboratory and classroom experiences will be utilized to provide direct group experiences and a basic fund of information of theoretical and empirical literature pertaining to groups. Admission to course by approval of instructor prior to registration.

4840. PSY **The Clinical Psychologist. (3-0-3) Su, F.** Clinical psychology procedures and their application in the practice of psychology in community and family services, penal institutions, and mental health agencies. Prerequisites: Psychology 3590 and 3601 or permission of the instructor.

4850. 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.

4870. 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 2310.

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.)

Students pursuing the M.A. in Psychology may concentrate in one of the following areas: Psychology or School Psychology. An appropriate program of study in the chosen concentration is developed by the student and his or her advisor, with approval by the Psychology Department and the Graduate School. More information is available from the Psychology Department. **For graduate courses see the graduate catalog.**

RECREATION ADMINISTRATION

Undergraduate Courses

1320. REC **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.

1780. REC **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.

2250. REC **Introduction to Recreation for Special Populations. (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. REC **Programs 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.

2420. REC **Technique and Theory of Cross Country Skiing and Orienteering. (2-0-2) S.** The development of basic knowledge and skills necessary to plan, develop, administer, and participate in cross country skiing and orienteering events.

2500. REC **The Challenge of Leisure. (3-0-3) F, S, Su.** A study and evaluation of the effect of leisure in our lives and assessment of individual leisure participation. Prerequisites: None.

3250. REC **Therapeutic Programming for Special Groups. (3-0-3) F.** The evaluation of recreation policies and facilities for the mentally retarded and physically disabled. Prerequisite: Recreation 2250 or permission of the instructor.

3300. REC **Commercial and Employee Recreation. (3-0-3) 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.

3350. REC **Therapeutic Recreation for Child Life Programs, Developmentally Disabled Individuals, and the Mentally Ill. (3-0-3) F-even-numbered years.** A course designed to provide the student with general information, characteristics, limitations, and potentials of the developmentally disabled, mentally ill, and pediatrics. Prerequisite: Recreation 2250.

3355. REC **Therapeutic Recreation for the Physically Disabled, Socially Deviant, and Socially Deprived. (3-0-3) S-odd-numbered years.** A course designed to provide the student with general information, characteristics, limitations, and potentials of the physically disabled, socially deviant, and socially deprived. Prerequisite: Recreation 2250.

3510. REC **Camp Administration and Leadership. (2-0-2) F.** Organization and administration of camps including: business operation, maintenance, operation, program planning, counselor training, and camp standards and regulations. Field trip.

3550. REC **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 Recreation 3550 and 3551.

3551. REC **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 of 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 Recreation 3550 and 3551.

3560. REC **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.

3760. REC **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. REC **Environmental Interpretation. (1-2-2) F-even-numbered years.** An overview of environmental interpretation as it applied to both natural and man-made areas to acquaint the student with techniques and resources available for the implementation of interpretative programs within various park and recreation agencies. Field trips. Prerequisite: Environmental Biology 2010 or permission of the instructor.

4275. REC **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: Recreation 3550 or 3551.

4355. REC **Client Assessment in Therapeutic Recreation. (2-2-3) F.** 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: REC 2250 and 3250 or permission of the instructor.

4444. REC **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. Prerequisite: Permission of the Director of Honors Programs and the Departmental Honors Coordinator.

4644. REC **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. Prerequisite: Permission of Director of Honors Programs and Departmental Honors Coordinator.

4666. REC **Honors Seminar. (Arr.-Arr.-3)** Areas of investigation which require integration of leisure studies and research will be treated. Prerequisite: Permission of the Director of Honors Programs and the Departmental Honors Coordinator. May be taken twice.

4741. REC **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. REC **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. REC **School Recreation and Intramural Sports. (2-2-3) F, 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 Recreation 4820 and Physical Education 4820. Scheduled under Physical Education 4820.

4830. REC **Administration of Leisure Services. (3-0-3) F.** 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.

4840. REC **Development of Areas and Facilities for Health, Physical Education, and Recreation. (3-0-3) F.** Design and operation of physical education and recreation facilities, both indoor and outdoor. Consideration is given to types, location, lay-outs, construction standards and building codes.

4850. REC **Financial Practices for Leisure Service Agencies. (3-0-3) F.** The investigation of the financial structures, resources, budget management and accounting procedures for public and private recreation agencies.

4900. REC **Maintenance and Operation of Parks. (3-0-3) F-even-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.

4910. REC **Resource Management and Planning. (3-0-3) F-odd-numbered years.** A study of resource management and planning as it pertains to parks and wilderness use areas. The demand for outdoor recreation, carrying capacity, use classification, and outdoor recreation management models will be analyzed. Prerequisite: Environmental Biology 2010 or permission of the instructor.

4950 (5250). REC **Leisure Services for the Aged. (3-0-3) S.** 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.**

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. Prerequisite: Psychology 2310.

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: SED 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. Prerequisite: Psychology 2310.

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: SED 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 (EIU)

Senior Seminar. (2-0-2) Senior seminars are offered in a number of subjects and disciplines each semester. Each is 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. To be taken after 75 semester hours. Students must successfully complete a seminar outside of their major. Majors excluded from each seminar are given in each course description.

4000. EIU **Controversial Issues in Education.** 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).

4001. EIU **Technology and Society.** 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).

4002. EIU **Controversial Issues in the Health Care Industries.** 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, Physical Education and Recreation are excluded).

4003. EIU **Spaceship Earth: The Present State.** 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).

4004. EIU **The Mid-East–Religions, Resources, and Politics.** 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).

4005. EIU **The Politics of Human Rights.** Selected problems in human rights, with emphasis on and analysis of the ways in which governmental action at different levels affects the protections and promotion of these rights. (Majors in Political Science are excluded).

4006. EIU **The Romantic View of Mankind in Contemporary Society.** 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).

4007. EIU **Contemporary Issues in American Education.** 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).

4008. EIU **The Changing World of Women.** The roles assigned to women by society often cause great dissonance to the educated woman who seeks to combine a profession with role of a wife or mother. Anxiety for the male may also be a problem. The prediction that 70% of American women will work outside the home by 1990 emphasizes the importance of this issue. (No students are excluded).

4009. EIU **Search for the American Dream.** 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).

4010. EIU **Frontiers of Communication.** 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).

4011. EIU **Plants and Civilization.** 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 the contemporary problems dealing with agriculture. (Majors in Botany, Environmental Biology and Zoology are excluded).

4012. EIU **Women and Technology.** 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 the technical occupational fields will be studied. Projection will be made into the twenty-first century. (No students are excluded).

4013. EIU **Perspectives in Women's Issues.** 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).

4014. EIU **High Technology: Implications for Families and Individuals.** 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).

4015. EIU **War in the Modern World.** 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).

4016. EIU **Labor and Management in American Education.** 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).

4017. EIU **The Black Woman: Myth and Reality.** 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).

4018. EIU **Sociobiology: The Biological Origins of Social Practices.** 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).

4019. EIU **Origin and Extinction: The Universe and Man.** 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).

4020. EIU **East-West Relations in the Twentieth Century.** 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).

4021. EIU **Leisure Time: The American Perspective.** 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, Physical Education and Recreation are excluded).

4023. EIU **Social Movements, Crowds, and Violence.** A theoretical and empirical assessment of the origins, participation, development, tactics, and consequences of recent social movements in the U.S. Crowd behavior and violence will be specifically included as they relate to social movements. (Majors in Sociology are excluded).

4024. EIU **Computers and Society.** 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 the College of Business are excluded).

4025. EIU **Multi-Cultural Elements in American Society.** 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).

4026. EIU **Art in Social Context.** 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 the College of Fine Arts are excluded).

4027. EIU **Preventing Future Wars: The Politics of Security.** 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).

4028. EIU **Information Literacy.** 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).

4029. EIU **Images of Business in Literature and Film.** 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).

4030. EIU **Communication Strategies for a Changing World.** 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).

4031. EIU **Science vs. Humanity.** 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).

4032. EIU **Civil War - Stonewall Jackson's Valley Campaign, Honors.** 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. (To enroll, students must be admitted to the University Honors Program and have permission of the Director). (Majors in History are excluded).

4033. EIU **A Literary Tour of England, Honors** 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. (To enroll, students must be admitted to the University Honors Program and have permission of the Director).

4034. EIU **Political Revolutions.** 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).

4035. EIU **Development of the Modern World, Honors.** 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).

4036. EIU **Conflict Management Through Non-Violence.** 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 outcomes achieved. (Majors in Speech Communication are excluded).

4037. EIU **A Lincolnian View of American Democracy.** 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).

4038. EIU **American College Students and the Campus Scene: Profiles and Prospects.** 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).

4039. EIU **The Holocaust, Honors.** 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. Prerequisite: Admission to the University Honors Program and permission of the Director of the Honors Programs.

4040. EIU **Society and Chemical Science: Acid Rain, Honors.** 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. Prerequisite: Admission to the University Honors Program and permission of the Director of the Honors Programs. (Majors in Chemistry are excluded).

4042. EIU **Telecommunication Issues Toward The Third Millennium.** 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).

4043. 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, completion of 75 semester hours of credit, and permission of the Director of Honors Programs. Exclusions: All students except those satisfying the prerequisites.

4044. 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. Prerequisite: 75 semester hours. Exclusions: Majors in Elementary and Jr. High Education and Special Education.

4047. EIU **Health Communication Issues. (2-0-2). F, S, Su.** 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. Prerequisite: 75 semester hours. Exclusions: Majors in Health Studies, Physical Education and Recreation and in Speech Communication.

4048. 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: 75 semester hours of credit, admission to the University Honors Program, and permission of the Director of Honors Programs. Exclusions: All students except those satisfying the prerequisites. Majors in the College of Fine Arts.

4049. 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. Exclusions: Majors in Philosophy.

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; and social processes; structural and functional analysis of social groups.

2720. SOC **Social Problems and Social Trends. (3-0-3)** Analysis of the nature of social problems, theories, deviant behavior; social disorganization, adjustment of mechanisms and social control.

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.

2790. SOC **Principles of Sociology, Honors. (3-0-3)** Survey of the basic sociological concepts and theories in light of the empirical evidence. The course will emphasize the major issues and controversies in the discipline.

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.

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.

3700. 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.

3721 (4721). 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.

3750. SOC **Social Change. (3-0-3) S.** Concentration 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 (4770). 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.** 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.

3850. SOC **Urban Social Problems. (3-0-3) S.** An analysis of the major urban social problems. The interrelatedness of social problems will be emphasized in a social change context. Prerequisite: Sociology 2710 or permission of the instructor.

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 **Sex 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.

3990. SOC **Summer Studies in Ireland and Britain. (Arr.-Arr.-6) Su.** Independent research in sociology. Six weeks of residence in the Republic of Ireland or Britain will be required. Prerequisites: Sociology 2710 and junior or senior standing. *Note:* No more than three semester hours may be counted toward a minor.

4251. SOC **The Sociology of Education. (3-0-3) F-odd-numbered years.** Sociological analysis of the structure and function of educational institutions. Emphasis on social processes, patterns, and trends. Prerequisite: Sociology 2710.

4275. SOC **Internship in Sociology. (Arr.-Arr.-1 to 15)** A semester experience or an intern in an agency or organization relevant to the student's option. The course will be offered on credit/no credit basis; however, the total hours must not exceed 12 hours including courses taken in any other internship offered by the University. Prerequisites: Permission of the department chairperson, and 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.

4520. SOC **The Development of Sociological Thought. (3-0-3) F, S.** This course treats the growth of social thought from the pre-scientific to the modern empirical approach based on current modes of sociological inquiry. Restricted to majors and minors in sociology and social science. Prerequisite: Sociology 2710.

4622. 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.

4702. SOC **Sociology of Medicine. (3-0-3) F.** Analysis of the relationship between pathology and social structure, function, and processes. Prerequisite: Sociology 2710.

4730. SOC **Marriage and the Family. (3-0-3) F, S.** Background of the modern family; the impact of culture and social change; personality factors involved in marriage; family disorganization.

4740. 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.

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.

4850. SOC **Contemporary Sociological Theory. (3-0-3) F.** 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.

4900. SOC **Current Issues in Sociology. (3-0-3) F, S.** Analysis of selected current social problems with emphasis on sociological research techniques. Restricted to majors in Sociology and Social Science. May be taken twice for credit. Prerequisite: Sociology 4520; senior standing or permission of the instructor.

SPECIAL EDUCATION

Undergraduate Courses

3000 (2500). 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 (L.D., M.R., B.D.) Must be taken concurrently or as a prerequisite to Special Education 3201. Open to non-majors.

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 (L.D., M.R., B.D.). 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. Prerequisites: SPE 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: SPE 3000. Co-requisite SPE 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: SPE 3000. Co-requisite: SPE 3220. Limited to Special Ed. 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 individual's 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 Special Education 3200 by Special Education majors seeking certification in educable mentally retarded. Limited to Special Education majors.

3280. 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 the individual 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 (4970). SPE **Vocational Development for Individuals Labelled Exceptional. (3-0-3) F.** A study of vocational orientation, work orientation, vocational programming and job placement for the handicapped student. Prerequisite: Junior standing; enrolled in or employed in special education and/or vocational education programs.

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. Prerequisite: Permission of the Director of Honors Programs and the Department Honors Coordinator.

4520. SPE **Facilitating Language in Children (Birth to Five) Labelled Exceptional. (3-0-3)** Development of assessment and intervention strategies to facilitate communication skills of children labelled exceptional or at-risk for handicaps. This course is not designed to prepare speech-language pathologists. Prerequisites: SPE 3220 and SPE 3225 or permission of the Department Chairperson. CDS 2210 is prerequisite or co-requisite.

4530. SPE **Facilitating Language of School Age Individuals Labelled Exceptional. (3-0-3) S.** Development of assessment and intervention strategies for teacher 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. Prerequisite: 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. Prerequisite: 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: SPE 3220 and 3225 or permission of the Department Chairperson. Co-requisite: SPE 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: SPE 3200, 3201, 4700.

4741. SPE **Independent Study. (Arr.-Arr.-1-3)** May be repeated for a total of six semester hours credit. Prerequisite: Permission of the department chairperson.

Courses Open To Juniors, Seniors, and Graduate Students

4765. SPE **Gifted and Creative Students. (3-1-3) S-even-numbered years.** A course in identifying gifted and creative children, studying their characteristics, their diversity of talents, and curriculum provisions.

4800 (4770). Diagnosis of Children with Exceptionalities. (3-2-4) Course SPE deals with means and methods of diagnosing the educable mentally handicapped, learning disabled, and socially and emotionally maladjusted. Includes essentials of psycho-educational testing, formal and informal instruments of assessment, and interpretation of results. Prerequisites: Special Education 3000, 3200, 3201, 4700 and/or concurrent enrollment in 4700 or permission of the department chairperson.

4820. Assessment in Early Childhood Special Education. (3-1-3). The SPE 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: SPE 3220 and 3225 or permission of the department chairperson. Co-requisite: 4720 or permission of the department chairperson.

4900. Instructional Strategies for Individuals Labelled Mildly Exceptional. SPE (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 4901 (practicum component) required. Prerequisites: SPE 3201 and SPE 4800.

4901. Practicum with Individuals Labelled Mildly Exceptional. (0-6-3) F, S. SPE Implementation of strategies learned in SPE 4900 (L.D., E.M.H., B.D.). Prerequisites: Concurrent enrollment in SPE 4900.

4920. Educating the Young Child with Handicaps. (3-4-3). This course intro- SPE duces and provides practica 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: SPE 4720 and 4820.

4950. Methods of Teaching Children with Learning Disabilities. (3-1-3) This SPE 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. Permission of the department chairperson necessary to enroll.

4960. Methods of Teaching Children with Mental Handicaps. (3-1-3). Class SPE and curriculum organization and introduction to methods and techniques of teaching educable mentally handicapped children. Permission of department chairperson necessary to enroll.

4961. Methods for Teaching and Evaluating Individuals Labelled Trainable SPE 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.

4980 (4880). Methods of Teaching Children with Behavior Disorders. SPE **(3-1-3)** Remedial methods of teaching the socially and emotionally maladjusted. Permission of department chairperson necessary 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. Applied Forensics. (Arr.-Arr.-1 to 4) Individual study and work in the SPC 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.

1310. Introduction to Speech Communication. (3-0-3) Fundamental princi- SPC ples of selecting, analyzing, evaluating, organizing, developing, and communicating information, evidence, and points of view.

1390. Introduction to Speech Communication, Honors. (3-0-3) Fundamental SPC principles of selecting, analyzing, evaluating, organizing, developing and communicating information, evidence, and points of view.

1400. Parliamentary Law. (0-2-1) F, S. The theory and practice of democratic, SPC orderly conduct of business through application of accepted rules of procedure.

2100. Listening. (3-0-3) F, S. Development of listening ability in the five basic SPC types of listening through theoretical studies and developmental activities.

2300. Persuasion. (3-0-3) Study of attention, credibility, emotion, identifica- SPC tion, motivation, rationalization, and suggestion in communication. Practice in these materials is achieved through speech performance.

2320. Discussion. (3-0-3) Study of the nature of discussion of bases of belief; SPC subject-problems, preparation, process, leadership, participation, types and forms, and evaluation. Practice in techniques of effective group discussion.

2340. Reasoning in Controversy. (3-0-3) Study of the responsibility of the ad- SPC vocate in investigation and analysis of evidence; structure of argument; reasoning and refutation.

2520. Introduction to Mass Communications. (3-0-3) Survey of the origin and SPC growth of the media, the social basis of radio, TV, and motion pictures and the physical nature of mass communications systems.

2530. Fundamentals of Cinematography. (1-4-3) Introduction to cinema the- SPC ory and the preparation, production, direction, and technical evaluation of motion picture film. May be taken twice with the approval of the department chairperson and the Dean, College of Liberal Arts and Sciences.

2540. Understanding Media. (3-0-3) The origin and development of broad- SPC casting. An historical survey of radio programs, and television productions.

2550. Basic Broadcast Speech. (2-2-3) A competency based introduction to SPC 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. Language and Human Communication. (2-2-3) F, S. Language analy- SPC sis serves as a vehicle for exploring interpersonal communication through lecture-discussions and laboratory experiences. 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.

3020. Advanced Applied Forensics. (Arr.-Arr.-1 to 4) Individual study and SPC 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.

3200. Speech Criticism. (3-0-3) S. Comparative study in which standards of SPC 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. Advanced Public Speaking. (3-0-3) Principles and techniques of audi- SPC ence analysis, topic analysis and preparation, communication theories, and performance and evaluation. Prerequisites: Speech-Communication 1310 and 2300.

3300. Interview and Conference. (3-0-3) Keynotes for this course are practi- SPC cality and usability. It includes the selection, organization and oral presentation of ideas and supporting materials in interview, conference, and interpersonal situations. Prerequisite: Speech Communication 1310.

3400. Teaching Speech. (3-0-3) F. Study of problems, methods, and materi- SPC als, 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. Introduction to Electronic Mass Media Production in Public Relations. SPC (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 or Journalism 2100.

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 or Journalism 2100 or Marketing 3510.

3550. SPC **Advanced Broadcast Announcing. (1-4-3)** A specialized course in handling all phases of commercial radio announcing. Copy preparation, rewriting, "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. Prerequisite: Speech Communication 2520 or Journalism 2102; two of Speech Communication 2530, 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 2300, 2320, and 2630.

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.

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 (2170). 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. (2-2-3) 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, 3520 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. Prerequisite: 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.

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. Prerequisite: Permission of the Director of the Honors Programs and the Department Honors Coordinator.

4630. SPC **Video/Film Editing. (2-2-3) S.** The theories and techniques of film and video editing are essential tools for students working in these visual media. Students will analyze the problems of editing through intensive study and practical application. Prerequisites: Speech Communication 3530 and 3620; payment of $30 lab fee.

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. Prerequisite: Permission of the Director of the Honors Programs and the Department Honors Coordinator.

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. Prerequisite: 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 Communications. (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 Journalism 2100 or graduate standing.

4760. SPC **Theories of Interpersonal Communication. (3-0-3) F.** An examination of contemporary theories and models.

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 (2830). SPC **Language Habits in Human Affairs. (3-0-3) S.** Language and meaning are explored through a theoretical investigation. The consequences of spoken word habits for human affairs are specified through a review of speech communication research. Prerequisites: Speech Communication 2630 and Philosophy 1800.

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.

4910.4910. 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: HST 2250 and 2270, and SPC 2300 and 2630, or consent of the Health Communication Minor Coordinator. Will not count toward the Speech Communications major or minor.

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.

4996. 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.

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.** May be taken Credit/No Credit only. 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 eight semester hours and may enroll for a maximum 15 semester hours of credit in student teaching.

A student enrolled in a high school curriculum is required to earn 12 semester hours of credit in student teaching and may elect to take a total of 15 semester hours in student teaching. Questions pertaining to student teaching should be directed to the subject area coordinator or the chairperson, Department of Student Teaching.

4000. STG **Orientation to Student Teaching. (Arr.-Arr.-1)** 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, Speech Pathology, Physical Education and Music Education majors.

4001. STG **Teaching Practicum. (Arr.-Arr.-1 to 16)** 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.

TECHNOLOGY EDUCATION

Undergraduate Courses

1263. TED **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. TED **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. TED **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.

1463. TED **Energy Conversion. (2-2-3) F.** The study of inter-converting energy sources using electrical and mechanical devices. The study includes theory of conversion, principles of operation and design of transportation systems.

2064. TED **Materials Processing. (2-4-4) F, S.** A study of basic materials and processes used in industry. Emphasis on separating, forming, and combining processes.

2242. TED **Primary Grade Technology Education. (1-2-2) F, S.** Industrial arts activities as a teaching device in the primary grades. Emphasis on career, occupational awareness and special education preparation.

2252. TED **Intermediate Grade Technology Education. (1-2-2) S.** Industrial arts activities as orientation to industry manufacturing, etc., with laboratory experiences. (Consumer, career, and special education emphasized.)

2324. TED **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.

3023. TED **Architectural Drafting and Design. (1-4-3) S.** Principles of house construction, construction details, working drawings, and specifications. Prerequisite: Industrial Technology 3013.

3033. TED **Production Drafting and Design. (2-2-3) S.** Comprehensive study of uses and construction of production drawings in graphic communication. Prerequisite: Technology Education 2033 or Industrial Technology 1043.

3043. TED **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: Technology Education 1364.

3053. TED **Communication Production. (1-4-3) F, S.** Photoconversion of line, continuous tone copy, film assembly, platemaking, offset lithography, finishing procedures, production estimating and management. Prerequisite: Technology Education 1364.

3113. TED **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 graining operations. Prerequisite: For Industrial Technology majors: Technology Education 1263; for Technology Education majors: Technology Education 2064.

3123. TED **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 35mm camera.

3143. TED **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: for Industrial Technology majors: Technology Education 1263; for Technology Education majors: Technology Education 2064.

3153. TED **Construction Machine Processes. (1-4-3) F.** A study and practical application of forest products, materials developed by industrial research for use and consumption by society. Special emphasis is placed upon wood processes, construction techniques, finishing and tool sharpening. Prerequisite: for Industrial Technology majors: Technology Education 1263; for Technology Education majors: Technology Education 2064.

3163. TED **Construction Fabrication Processes. (1-4-3) S.** A study of the construction industry through laboratory and/or site experiences; primarily but not limited to, industrialized housing. Prerequisites: For Industrial Technology majors: Technology Education 1263; for Technology Education majors: Technology Education 2064.

3200. TED **Organization and Evaluation of Subject Matter. (3-0-3). S.** Analysis and organization of material for teaching technology education subject matter. Evaluation of student achievement and program validity. Prerequisite: Four courses in technology education.

3203. TED **Transportation Systems. (1-4-3) F.** An in-depth analysis of mechanical and fluidic actuators; internal and external engine combustion engine systems; heating, energy sources, characteristics and efficiencies and ventilating, climate control systems within the context of the totality of theoretical and practical application of energy development utilization and control. Prerequisites: Technology Education 1463 or permission of the instructor; the chemistry or physics requirement must be met.

3400. TED **Methods of Teaching Technology Education. (3-0-3) F.** Emphasis on the "delivery systems" used in teaching in the technical areas. Students will develop lesson plans and present lessons using the micro-teaching model. Prerequisites: Educational Psychology 3325 and Secondary Education 3330; four courses in technology education.

4003. TED **Research, Experimentation and Development in Technology. (1-4-3) S.** May be repeated in a different technical area on a (0-4-2) basis. Individual in-depth research, laboratory, and/or industrial experimentation of a student selected topic in the areas of communication, production, power or energy.

4033. TED **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: Technology Education 3043 or 3053.

4074 (3074). TED **Production Systems. (2-6-4) F.** A study of the necessary systems for designing, planning and producing the finished product. Prerequisites: Technology Education 1413, 2064 or permission of the instructor.

4470. TED **Independent Study. (Arr.-Arr.-1-5)** Technical investigation involving written research and laboratory experimentation. Prerequisite: Permission of the department chairperson.

4480. TED **Independent Study. (Arr.-Arr.-1-5)** Research-oriented technical investigations involving written research and laboratory experimentation. Prerequisite: Permission of the department chairperson.

Courses Open To Juniors, Seniors, and Graduate Students

4913. TED **Organization and Administration of Cooperative Occupational Education. (3-0-3)** Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development are analyzed.

4923. TED **Coordination Techniques for Cooperative Occupational Education. (3-0-3)** 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.

THEATRE ARTS

Undergraduate Courses

1101,1102 (2101, 2102). THA **Theatre practicum. (Arr.-Arr.-1 each course) 2101-F; 2102-S.** Practical application of principles and techniques of technical production. These courses may be taken more than once, but only two semester hours of credit may be counted toward graduation.

1132. THA **Voice Improvement (3-0-3) F, S.** Exercises and projects to improve breathing, relaxation resonance, loudness, and diction. Attention given to Standard American pronunciation through the phonetic alphabet. Not open to theatre majors or minors.

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. (3-0-3) 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. No prerequisite.

1144. THA **Introduction to Acting for Non-Majors. (3-3-3) S.** Practical experiences in the techniques of acting. Not open to Theatre Arts Majors.

2000. THA **Rehearsal, Performance, and Crew. (Arr.-Arr.-1) F, S.** Activity credit for non-specialists desiring actual participation in building and/or acting in theatrical productions. Not open to theatre majors or minors. May be repeated for a maximum of three semester hours credit.

2001. THA (See Fine Arts 2001).

2002. THA (See Fine Arts 2002).

2003. THA (See Fine Arts 2003).

2005. THA **Principles of Stage Makeup. (0-2-1) S.** Fundamentals in design and use of theatrical makeup. Laboratory projects.

2101,2102, 3101. THA **Theatre Practicum. (Arr.-Arr.-1 each course) 2101-F; 2102-S; 3101-F.** Practical experience in principles and techniques of technical theatre. Production work required. May be repeated, but only three semester hours will count toward graduation.

2210. THA **Introduction to Costuming. (3-3-3). F.** A general introduction to costuming for the theatre, both theory and practice. Instruction and practical experience in costume construction techniques will be included. No prerequisites.

2211. THA **Stagecraft. (3-3-3). 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. No prerequisites.

2240. THA **Introduction to the Theatre. (3-0-3) F, S.** A general introduction to theatrical and dramatic art. Partially fulfills humanities requirement and fine arts requirement.

2244. THA **Acting. (3-3-3) F.** A study of the methods of learning and teaching techniques for the actor.

2257. THA **Graphics for the Performing Arts. (3-3-3) F.** 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.

2258. THA **Script Analysis. (3-0-3). F.** 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 then envision possible productions. Written and oral analyses required. No prerequisites.

2281. THA **Summer Theatre. (Arr.-Arr.-3-6)** Practical, comprehensive experience in theatre arts. May be substituted for 3344, 3345, 3346, 3347, 3550, or 4400 with permission of instructor and department chairperson. However, a maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward a bachelor's degree.

2290. THA **Introduction to the Theatre, Honors. (3-Arr.-3)** A general introduction to theatrical and dramatic art. Partially fulfills humanities requirement and fulfills fine arts requirement for students other than Theatre Arts majors.

3000. THA **Rehearsal, Performance, and Crew. (Arr.-Arr.-1) F, S.** Activity credit for non-specialists desiring actual participation in building and/or acting in theatrical productions. Not open to theatre majors or minors. May be repeated for a maximum of three semester hours credit. Open to sophomores and juniors. Prerequisite: THA 2000.

3102. THA **Acting Practicum. (1-Arr.-1). Alternate years in the Spring, as needed.** Advanced problems in voice, movement, and acting for juniors and seniors. Designed primarily as a techniques course through participation in faculty- or student-directed productions and/or Directing class scenes. Prerequisites: THA 1133, 1134, 2244, or permission of instructor.

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 spring, to alternate with Adv. 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: THA 1132 *or* 1134; 1133, 2244, 2258, or permission of the instructor.

3345. THA **Advanced Acting Studies II: Styles. (3-3-3). Every fourth Spring, 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: THA 1132 *or* 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 Spring 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: THA 1131 *or* 1134; 1133, 2244, 2258, *or* permission of instructor.

3347. THA **Advanced Acting Studies IV: Auditioning. (3-3-3). Every fourth Spring 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: THA 1132 *or* 1134; 1133, 2244, 2258, *or* permission of the instructor.

3357. THA **Scene Design. (3-3-3) S-even-numbered years.** Consideration of the design sequence from analysis of the script to the completion of production drawings; practical experience. Prerequisite: Theatre Arts 2257 or permission of the instructor.

3358. THA **Design and History of Costume. (3-3-3) F.** History of costume from the early Egyptians to 1900. Costume design for theatrical production.

3360. THA **Stage Lighting. (3-3-3) S-odd-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. (3-0-3) F, S.** Dramatics as educational devices for children. The advantages of dramatizing literature, history, and other subjects. Choice of plays is presented.

3445. THA **Directing. (3-3-3) S-even-numbered years.** The study and actual production of the play. Central emphasis is placed on directing. Prerequisite: THA 2211, 2244, 2258 or permission of the instructor.

3500. THA **Independent Study. (Arr.-Arr.-1 to 3)** Problems in theatre arts in which the student works under the supervision of a staff member. Prerequisite: Permission of the instructor and of the department chairperson.

3550. THA **Advanced Design Studies. (Arr.-Arr.-1 to 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 THA Department. Prerequisites: Permission of the instructor and the Department chairperson plus completion of at least one design course (THA 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 present. Partially fulfills humanities requirement and fine arts requirement.

4000. THA **Rehearsal, Performance, and Crew. (Arr.-Arr.-1) F, S.** Activity credit for non-specialists desiring actual participation in building and/or acting in theatrical productions. Not open to theatre majors or minors. May be repeated for a maximum of three semester hours credit. Prerequisite: THA 3000.

4001. THA **Five O'Clock Theatre. (Arr.-Arr.-2) F, S.** Directing a one-act play. Small-group and individual instruction and guidance on materials and procedures necessary for directing a theatrical production. Final project is a 5 O'Clock Theatre Production. Prerequisites: THA 2244, 3357, 3358, and 3445.

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 one-act play for public performance. Prerequisites: THA 2211, 2244, 2257, and 3445.

Courses Open To Juniors, Seniors, and Graduate Students

4810. THA **Summer Theatre (Arr.-Arr.-3-6)** Practical, comprehensive experience in theatre arts. May be substituted for 3344, 3345, 3346, 3347, 3550, or 4400 with permission of instructor and department chairperson. However, a maximum of nine semester hours total from Theatre Arts 2281 and 4810 may be counted toward a bachelor's degree.

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

(See the following for complete descriptions)

Art 3690. Women in Art. (3-0-3) S.

English 3903. Women, Literature, and Language. (3-0-3)

Health Studies 3560. New Dimensions in Women's Health Care. (3-0-3)

History 3903. 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)

4309. WST **Feminist Theory (3-0-3) F.** This course examines Feminist Theory and its application to cultural and academic issues. It provides an interdisciplinary approach to women's issues. Prerequisites: 9 semester hours in Women's Studies.

ZOOLOGY

Undergraduate Courses

1010. ZOO **General Zoology. (2-4-4)** A study of tissues, organs and organ-systems, followed by a survey of the animal kingdom. Prerequisite: Life Science 1000 or equivalent.

1090 (1010H). ZOO **General Zoology for Honors Students. (2-4-4)** A study of tissues, organs, and organ-systems, followed by a survey of the animals. Designed for the Honors students. Prerequisite: Enrollment in the Honors Program and completion of Life Science 1000.

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 1000; Zoology 1010 highly recommended.

2100. ZOO **Comparative Vertebrate Anatomy. (2-4-4) F, S.** A study of structures and their evolution in chordates. Laboratory work with a variety of forms. Prerequisite: Zoology 1010.

2150. ZOO **Heredity, Evolution and Society. (3-0-3) S.** A study of hereditary and evolutionary principles and their application to contemporary social concerns. Emphasis is given to human genetics and evolution.

2999. ZOO **Human Physiology. (2-2-3)** A study of the basic physiological activities in the organ-systems of man.

3000. ZOO **Molecular and Cell Biology. (3-0-3) 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. Prerequisites: ZOO 1010 or BOT 1010 and CHM 3430.

3020. ZOO **Systematic Survey of the Animals. (2-2-3) S.** Study of form, function, systematics and natural history of the major groups of animals. Emphasis will be given to regional forms and field studies will be included. Prerequisite: Zoology 1010 or permission of the instructor.

3100. ZOO **Principles of Animal Physiology. (3-3-4) F, S.** A study of basic principles underlying the function of protoplasm and organ-systems. Prerequisite: Nine semester hours of zoology. Chemistry requirement should be completed.

3300. ZOO **Vertebrate Natural History. (2-2-3)** The natural history of vertebrates including distribution, reproduction, economic importance, evolution, and classification. Prerequisite: Zoology 1010.

3500 (2200). ZOO **Embryology. (2-4-4) F, S.** Morphological and chemical changes of animal development from germ cell formation through early organogenesis. Laboratory studies primarily of the vertebrates, frog, chick and pig. Prerequisites: Zoology 1010 and one additional course in zoology; Zoology 2100 recommended.

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 1010 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 1010.

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 of 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.

4510. ZOO **Microtechnique. (0-6-3) S.** Methods and practice in the preparation of microscope slides of various tissues. A special project using tissues of the student's choice and a slide collection are required. Prerequisite: Sixteen semester hours of biological sciences.

4540. ZOO **Histology. (1-4-3)** 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 Juniors, Seniors, and Graduate Students

4750. ZOO **Cytology. (1-4-3) F.** A study of the structure and function of cells and their component organelles, cytochemical theory and techniques. 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.

4769. ZOO **Fisheries Management. (1-4-3) S-odd-numbered years.** Fundamentals of anatomy, classification, life histories and conservation of fish. Field work and study of local fishes are stressed. Prerequisite: Zoology 3300.

4770. ZOO **Ichthyology. (1-4-3) S-even-numbered years.** Advanced study of the evolution, anatomy, taxonomy and distribution of the fishes of the world. Prerequisite: Sixteen semester hours of zoology, including Zoology 3300.

4772. ZOO **Herpetology. (2-2-3) S.** Phylogeny, adaptations, ecology, distribution and identification of amphibians and reptiles. Prerequisites: Zoology 2000 or 2100, 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 2100, 3300.

4800. ZOO **Terrestrial Ecology. (2-3-3) S.** Interrelationships among animal populations, biotic communities, and physical environments in terrestrial ecosystems. Prerequisites: Eight semester hours of zoology. Environmental Biology is recommended.

4810. ZOO **Limnology. (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.

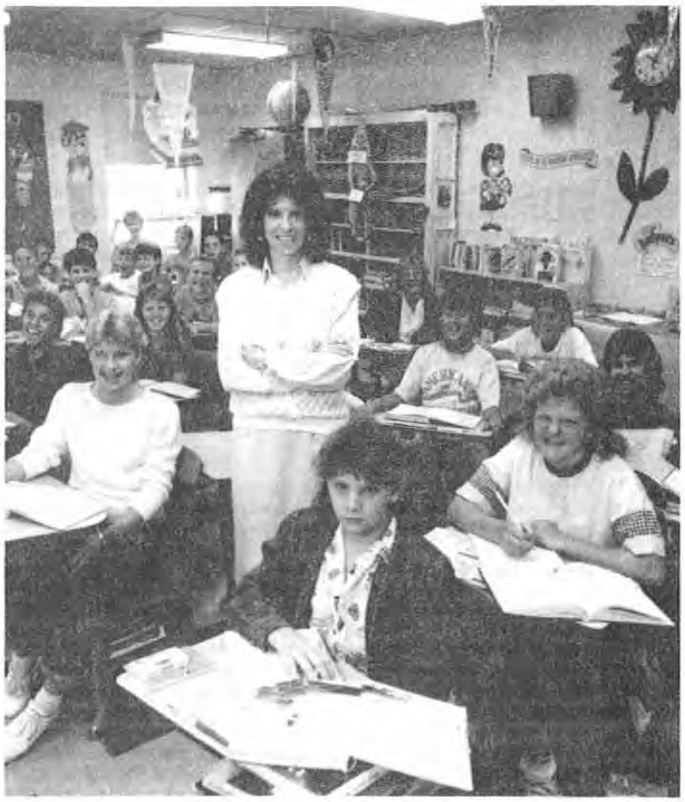
4840. ZOO **Advanced Genetics. (3-0-3) F.** Study of genetics on the molecular and biochemical levels, including structure, function, transmission, and regulation of the genetic material, in prokaryotes and cukaryotes. Prerequisites: Life Science 3200 and organic chemistry; biochemistry recommended.

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. (3-2-4) F.** An in-depth study of the development, function and control mechanisms of the heart and circulatory system. Dysfunction and diseases are also examined and treatments are discussed. 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.**



Peggy Allen '71
1988 Illinois "Teacher of the Year"

X. 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 Handbook*, Section 9, and 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 table below 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 Section VII of this Catalog. Page 60 lists three options from which the student may choose: Early Childhood, Intermediate, and the Comprehensive. 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 Section VII. 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 identified on page 67.

The other route to a high school certificate is through one of the academic majors (with teacher certification) outlined in Section VII.

Using one or the other of the above approaches, teaching endorsements are available in the following subject areas:

Botany
Business Education
Career Occupations
Chemistry
English
French
German
Spanish
Health Studies
History
Home Economics
Mathematics
Physical Education
Physics
Political Science
Psychology
Social Science
Sociology
Speech Communication
Speech Pathology and Audiology*
Technology Education
Theatre Arts
Zoology

*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 Section VII.

Art
Music
Physical Education
Special Education
Speech Pathology and Audiology

MINORS

Individuals pursuing a teacher certification program, who also wish to have a minor listed on their transcript, must choose only from those minors designated in Section VIII of this catalog as teacher certification minors. The only exceptions to this are certain interdisciplinary minors which do not lead to certification.

Disciplines which offer minors for teacher certification are:

Afro-American Studies
Business Education
Chemistry
Earth Science
English
French
Spanish
German
Geography
Health Studies
History
Home Economics
Journalism
Latin
Mathematics
Media Services
Music
Physical Education
Physics
Psychology
Safety and Driver Education
Speech Communication
Technology Education
Theatre Arts

The following interdisciplinary minors are available and may be applied to Teacher Certification Programs.

Adult Education
Afro-American Studies
Business Administration
Creative Writing
Military Science
Professional Writing
Public Relations

REQUIREMENTS

Since not all requirements are listed in the same place, students should take note that they must satisfy all of the following.

The All-University requirements (see page 44)
University General Education Requirements (see page 44)
New Illinois General Education Requirements (see advisor) for certification requirements
Major Requirements (see appropriate major in Section VII)
Professional Education Requirements (see below)
Requirements for Admission to Teacher Education (see below)
Graduation Requirements (see page 43)

Most programs or majors have been constructed so as to include state certification requirements. A few points, however need special attention.

1. All applicants for certification must have three (3) semester hours of credit, consisting of any combination of health and/or physical education, listed on their transcripts.
2. All applicants must have at least six (6) semester hours of social science *other than psychology*. Further, these must include a course in United States history or American government.
3. Students should note that Psychology 2310 is a prerequisite for work in Education.
4. Transfer students should note that, although possession of an A.A. or A.S. degree may permit the waiver of certain general education requirements, certification requirements take precedence and must be met fully.
5. All individuals pursuing teacher certification should be aware that on July 1, 1992, the State General Education Requirements will change, regardless of when the applicant entered the university or which catalog is being followed. Any student who has not graduated *and* submitted his "Application for Certificate" prior to July 1, 1992, will be required to meet the new state General Education requirements listed above, as well as the University's General Education requirements. Students currently enrolled are advised to plan carefully now so as to be prepared when this change goes into effect.

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 in Section VII.

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. Please note that two professional components are listed. Students may choose either the "Regular Program" or the"Alternate Program" but cannot mix the two.

REGULAR PROGRAM COURSES	Credit Hrs.
Psychology 2310	3
Educational Psychology 3325	3
Secondary Education 3330	3
Departmental Methods 3400[1]	3-6
Educational Foundation 4450	3
Special Education 3500 or Approved Department Course(s)	3
Student Teaching 4000 and 4001	12
	30-33 hrs.

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

ALTERNATE SECONDARY EDUCATION PROGRAM (ASEP)

This is an alternate program leading to a secondary certificate. It is designed for those who prefer a non-traditional, competency-based approach emphasizing early experiences in public high school classrooms, self-paced instruction, and a Credit/No Credit grading system.

ASEP Program Courses

Psychology 2310	3
Secondary Education 3000[1]	3
Secondary Education 3100[1]	3
Departmental Methods 3400[2]	3-6
Secondary Methods 4000[1]	14
(Includes 8-12 weeks Student Teaching)	26-29 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, music and occupational education.

The ASEP program is an integrated, competency-based experience emphasizing early exposure to the 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.

Further information concerning either program can be obtained from the Department of Secondary Education and Educational Foundation.

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 should take this test early in their career at Eastern as successful completion of this test is a prerequisite for Admission to Teacher Education.

The subject-matter knowledge test is not required for graduation from Eastern but is required before an applicant will be granted a teaching certificate. 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 advisor 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. The student must apply to his/her major department and receive a positive recommendation from that department. The student should check with his/her major department for specific departmental requirements for admission.
4. A cumulative grade-point average of at least 2.50 (effective with freshmen entering Fall 1987) based on all work attempted at Eastern Illinois University with a minimum grade-point average in the major of 2.50 (effective with freshmen entering Fall 1987) at the time of admission to, and graduation from, a teacher education program. (2.25 required for freshmen entering prior to Fall 1987)
5. Passing scores (70 or above) on the Basic Skills section of the Illinois State Certification Test.
6. Language Proficiency as demonstrated by a grade of at least "C" in each of the following courses: ENG 1001, ENG 1002, and SPC 1310, 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.
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 a committee 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 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 B.O.G.-B.A. program and the Certification Officers in the College of Education.
3. Post baccalaureate students seeking admission to teacher education must have a 3.00 grade-point average for 12 semester hours of graduate level courses (5000 or above); or a 2.50* grade-point average for the first 12 semester hours of undergraduate work (4999 or below) attempted as a post baccalaureate student.

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.

*Exceptions to the 2.50 grade-point average requirement may be made in the following cases:

a. 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".

b. A transfer post-baccalaureate student in good academic standing at Eastern Illinois University with an undergraduate cumulative grade-point average based on all attempted college work of at least 2.50 may be admitted to teacher education before accumulating 12 semester hours of Eastern credits with grades of "A," "B," "C," or "D".

c. A person in good academic standing at Eastern Illinois University who has an Illinois Provisional teaching certificate, valid currently or during any portion of the past five years, and who has completed two or more academic years of full-time teaching in appropriate subject(s) or at appropriate level(s), or the equivalent, may be admitted to teacher education regardless of the cumulative grade-point average attained.

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 elementary education-special education is required to earn 16 semester hours of credit in student teaching with 8 semester hours required in elementary student teaching and 8 semester hours in special education teaching. A student enrolled in elementary or junior high school education must enroll for a minimum of 8 semester hours and may enroll for a maximum of 15 semester hours of credit in student teaching. *The same amount of student teaching shall be required of post-baccalaureate students as is required of undergraduate majors.*

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 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 exception of those individuals graduating in Special Education who must take 16 semester hours.

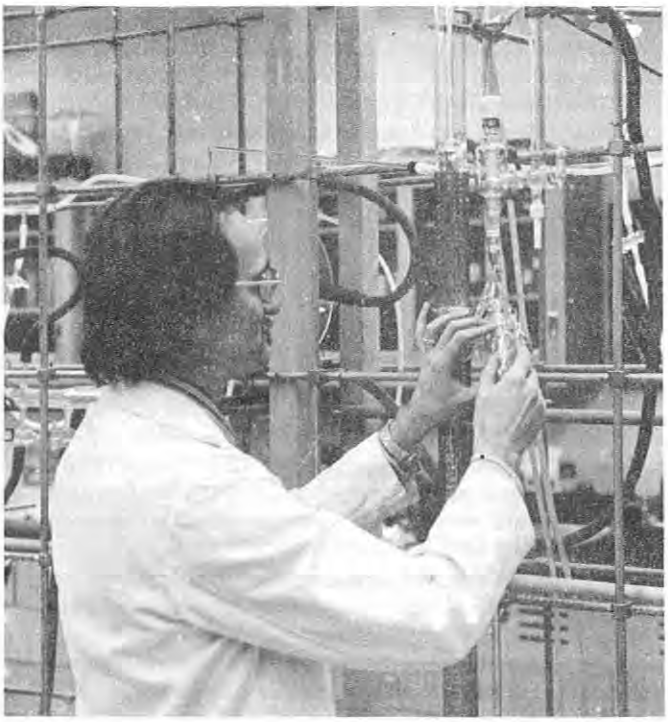
1. **Prerequisites for Student Teaching.**
   a. **Elementary School Curriculum.** Students must have completed Elementary Education 3280. If student teaching in kindergarten, students must have completed both Elementary Education 3280 and 4260.
   b. **Special Education Curriculum.** To student teach in the following areas of Special Education, students must have completed the indicated methods course; Learning Disabilities—Special Education 4950; Educable Mentally Handicapped—Special Education 4960; and Behavior Disorders—Special Education 4980.
   c. **Junior High Curriculum.** Students must have completed Junior High School Education 3110 and 3130 or 3140 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 speech pathology and audiology curriculum who take Elementary Education 2320 and all required departmental methods courses for the subjects to be assigned them).
   e. **Alternate Secondary Education.** The following courses constitute a program designed to cover material and experiences presently provided in Educational Psychology 3325, Secondary Education 3330, Special Education 3500, Educational Foundation 4450, and student teaching; Secondary Education 3000, 3100, 4000.
2. An overall grade-point average of 2.50 in Fall of 1988 is required for application for admission to teaching practicum. Students must also have an average of 2.50 in Fall of 1988 in their teaching field at the time of application.*
3. The minimum requirements established by the Office of the Superintendent of Public Instruction for teaching a 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.

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. 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.



XI. PRE-DEGREE AND NON-DEGREE PROGRAMS

The curricula outlined in this section have been formulated as suggested programs which do not lead to graduation at Eastern. Changes may be made by the student and his/her advisor without the formality of application for a waiver.

Latin American Studies Program

There is no formal curriculum for 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. For further information, inquire in the College of Liberal Arts and Sciences.

Pre-Dentistry Program

This program is administered by the Pre-Medical Studies Committee. The following minimum two-year program meets the course requirements for admission to most dental schools. All applicants for dental school are required to take the dental aptitude admission test (D.A.T.) given by the American Dental Association. Pre-dental students are urged to complete 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.

English 1001, 1002	6 sem. hrs.
Speech Communication 1310	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 1000	3 sem. hrs.
Zoology 1010, 2100	8 sem. hrs.
Electives	13 sem. hrs.
Total	60 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 1001, 1002	6 sem. hrs.
Industrial Tech. 1043	3 sem. hrs.
Mathematics 1441, 2442, 2443, 3501	17 sem. hrs.
Physics 1000, 1350, 1360, 1370, 2390, 2400, 3260	22 sem. hrs.
Humanities and Social Studies approved by advisor	6 sem. hrs.
Total	62 sem. hrs.

Pre-Law Program

Although no specific major or minor is preferred by ABA approved law schools, the Pre-Legal Studies Committee has determined that there are numerous law-oriented courses which provide students with analytical skills, an introduction to the language of the law, and the writing skills necessary for the study of the law. All students considering a law-oriented career should consult the Pre-Law Advisor at their earliest opportunity.

Students at Eastern are provided with a variety of services by the Pre-Law Advisor and the Pre-Legal Studies Committee, including information concerning all ABA approved law schools, presentations by law school admissions officers and by persons who practice law, two scholarships, field-trips to regional law schools, a pre-law club, the formal Law School Admission Test, a MOCK L.S.A.T., and advice from the Pre-Law Advisor and members of the Pre-Legal Studies Committee concerning admissions strategies and choice of curricula. The Advisor can be contacted at 581-2523, 214-I, Coleman Hall.

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, Physical Therapy and Allied Health Programs

These programs are administered by the Pre-Medical Studies Committee. They are flexible programs designed for students who desire one or two 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.

English 1001, 1002	6 sem. hrs.
Chemistry (1310, 1315) or (1300, 1315); 1410, 1415, 3430, 3435, 2720, 3450	19 sem. hrs.
Physics (1150, 1160) or (1350, 1360)	8 sem. hrs.
Life Science 1000, 3200	6 sem. hrs.
Zoology 1010	4 sem. hrs.
Electives, approved by the advisor	17 sem. hrs.
Total	60 sem. hrs.

Reserve Officers' Training Corps (ROTC)

ROTC training has been offered at Eastern Illinois University since 1980. The program is voluntary, leading to a commission as an officer in the United States Army, Army Reserve or Army National Guard upon completion of a four-, three-, or two-year program of study and training.

Financial assistance scholarships are available to qualified students. See Financial Aid, Section III.

Military Science classes (1000 and 2000 level) are open to all students of Eastern Illinois University. Those students desiring a commission in the Army of the United States must complete the program listed below. The student's major may be in any field of study recognized by the University for which a degree is granted.

Normal Four-Year Program

Students enrolling in the Basic Course must:

- Be citizens of the United States and at least 17 years of age.
- Be able to complete both the Basic and Advanced Course requirements and receive a baccalaureate degree prior to reaching 28 years of age.
- Be physically fit and of good moral character.

Students enrolling in the Advanced Course must:

- Have completed the Basic Course requirements through on-campus instruction.
- (This requirement can be waived for those presenting evidence of basic training or ROTC instruction.)
- Sign a contract to serve for the prescribed period.
- Agree in writing to accept an appointment, if offered, as a commissioned officer.
- Have at least two academic years of study remaining at the University.
- Be selected by the Chairman, Department of Military Science and the University.

The Basic Course fulfills the necessary requirements for admission to the Advanced Course of study and consists of the following required courses normally taken during the freshman and sophomore years: MSC 1001, 1002, 2100 and 2200—six semester hours.

The Advanced Course is a two-year course of instruction and includes an Advance Camp of six weeks duration. Normally this summer training is taken between the junior and senior years. Successful completion of the Advanced Course leads to a commission as a second lieutenant in the United States Army. It consists of the following required courses normally taken during the junior and senior years: MSC 3001, 3002, 3003 (summer training), 4001 and 4004 — 16 semester hours required; 22 available.

In addition, commissioning candidates must have completed one course each in military history, English composition, basic computers, algebra or statistics, and at least one elective in human behavior.

Benefits for Advanced Course Cadets

Advanced course cadets are eligible for the following benefits:

- Commission in either the Regular Army or in the United States Army Reserve.
- Subsistence pay at the rate of $100 per month during the junior and senior years (10 months out of a year), and pay during summer camp at the same rate as cadets at the United States Military Academy, plus a travel allowance for the summer camp. When the cadet is called to active duty, a uniform allowance of $300 is authorized.
- Opportunity to attend Airborne (parachute), Air Assault, and other military training.

Three-year Program

This program entails the same courses as the four-year Program. The difference is all Basic Course classes are "compressed" into one year by "doubling-up" in each of two successive semesters.

This program is designed specifically to meet the needs of junior college graduates and students of four-year colleges who have not taken Army ROTC during their first two years. Students with a baccalaureate degree who will have two or more years in graduate school are also eligible to apply for the two-year program. A six-week basic summer camp substitutes for the first two years of the four-year program and is credited as MSC 2003 for up to six credit hours. An early commission program for reserve duty is available. Applicants must meet the same requirements as four-year Basic and Advance course students.

Simultaneous Membership Program

Students who are enlisted members of the Army Reserve or National Guard may also enroll in the two-year program and earn a commission while continuing to train with their unit as an officer-trainee. Acceptance by ROTC and students' unit is required for officer-trainee placement.

XII. 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 is offered on the sixth-year level.

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 educational 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 EIU 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

National Direct Student 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 and applications for the assistantships should be submitted to the 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
  - Option: School Psychology
- Speech Communication

Master of Science
- Botany
- Chemistry
- Environmental Biology
- Home Economics
  - Option: Dietetics
- Physical Education
- Speech Pathology and Audiology
- Technology
  - Option: Technology Education
- 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
- Information Services and Technology
- 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. The Specialist in Education degree is offered in the fields of educational administration, guidance and counseling.

*Specialist degrees are often called "Sixth Year" degrees for they normally require a year's graduate work beyond the master's level.

For Further Information, See the Graduate Catalog.

XIII. 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 non-traditional degree program for adult students, the Board of Governors Bachelor of Arts degree program. Credit classes are offered at area centers, including Chanute Air Force Base in Rantoul, Danville Area Community College in Danville, the Millikin Graduate Center in Decatur, Olney Central College in Olney, and Salem High School in Salem, Illinois. 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 some 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 or Chanute Air Force Base Continuing Education Office. 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	JU/SR	GRAD
TUITION			
(Per Semester Hour)	$45.00	$47.00	$50.50
TEXTBOOK RENTAL			
(Per Course)	$ 7.05	$ 7.05	$ 7.05

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:

College of Adult and Continuing Education
Booth House
Eastern Illinois University
Charleston, Illinois 61920
or telephone (217) 581-5114.

ADULT DEGREE PROGRAMS

Degree programs of particular interest to the adult non-traditional learner are:

The BOG-BA, and the BS in Occupational Education. For a description of these programs see Section VII.

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 each 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 Ed. S. program.

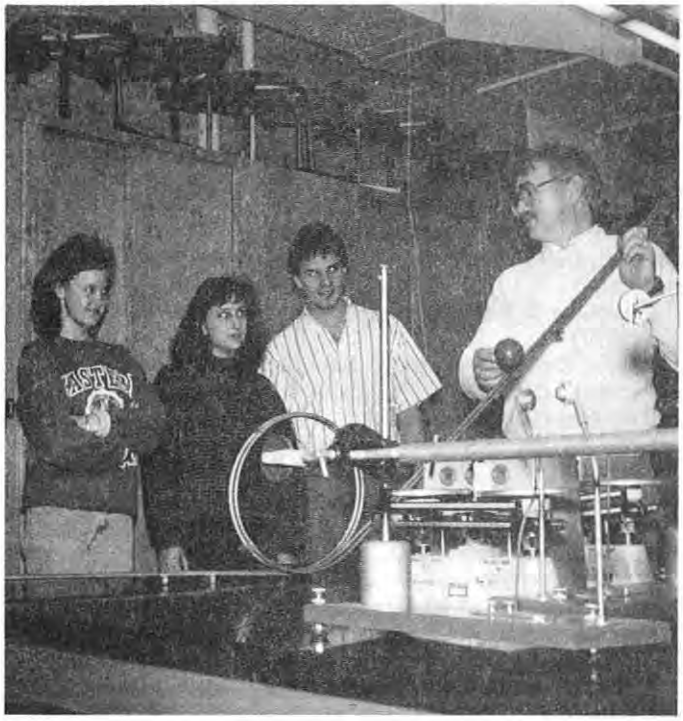
CONTRACT-CREDIT COURSES

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.



XIV. FACULTY, 1988-89

(Date of joining staff in parentheses)

ADMINISTRATIVE STAFF OFFICE OF THE PRESIDENT

President
Stanley G. Rives, Ph.D., Northwestern University (1981)
Maxine Clayton, Administrative Assistant to the President (1955)

ACADEMIC AFFAIRS

Provost and Vice President for Academic Affairs
Robert L. Kindrick, Ph.D., University of Texas (1987)
Charles C. Colbert, Ed.D., University of Georgia, Associate Vice President for Academic Affairs (1988)
L. Stephen Whitley, Ph.D., Purdue University, Director, General Education and Senior Seminars (1963)
Herbert Lasky, Ph.D., New York University, Director, Honors Program (PT) (1966)
Charles Switzer, Ph.D., Michigan State University, Assistant Vice President for Academic Affairs and Director, Summer School (1966)
Cynthia Nichols, M.A., Eastern Illinois University, Assistant Vice President for Academic Affairs (1986)
Elizabeth Schaeffer, M.A., Eastern Illinois University, Planning Coordinator (1981)

College of Applied Sciences

Barbara L. Richter, Ph.D., Southern Illinois University, Dean (1969)
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)
Paula Snyder, B.S., Michigan State University, Academic Advisor, School of Home Economics (1973)
Larry D. Helsel, Ed.D., Pennsylvania State University, Assistant Dean and Chair, School of Technology (1980)

Career Occupations Program
Richard K. Hofstrand, Ph.D., University of Illinois, Director (1983)

Military Science Program (ROTC)
Lloyd D. McCammon, Lieutenant Colonel (1987)

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)
Allen F. Messenger, M.A., State University of Iowa, Director, Business Development Center (1985)
Dean A. Dudley, Ph.D., University of Washington, Coordinator, Graduate Studies in Business (1985)
Wanda L. Johnson, M.S., Arkansas State University, Academic Advisor (1979) (Part-time)
Doreen Nelms, M.S., Eastern Illinois University, Academic Advisor (1981)
Judith A. Sunderman, M.B.A., Eastern Illinois University, Academic Advisor (1980)

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)
Ruth M. Hawkins, M.S.Ed., Eastern Illinois University, Acting Coordinator, Beginning Teacher Induction Program (1988)

College of Fine Arts

Vaughn Jaenike, Ed.D., University of Nebraska, Dean (1974)
Donna M. Meeks, M.F.A., University of Wisconsin-Milwaukee, Curator, Education and Exhibits, Tarble Arts Center (1987)
Michael Watts, M.F.A., University of Texas at Austin, Director, Tarble Arts Center (1986)

College of Health, Physical Education and Recreation

Carol D. Pyles, Ed.D., West Virginia University, Dean (1987)
Larry J. Ankenbrand, Ed.D., University of Missouri, Associate Dean (1977)
Dorothy M. Hart, Ph.D., The University of Iowa, Assistant (1947) (Part-time)
David C. Dutler, Ph.D., Southern Illinois University, Director, Recreational Sports (1976)
Matthew Cofrancesco, B.A., Towson State University, Assistant Director, Recreational Sports (1987)
Daniel J. Bolin, M.S.Ed., University of Illinois, Director, Safety Programs

College of Liberal Arts and Sciences

Jon M. Laible, Ph.D., University of Illinois, Dean (1964)
Leonard Durham, Ph.D., University of Illinois, Associate Dean (1955)
Sharon Bartling, Ph.D., University of Illinois, Assistant Dean (1972)
Barbara S. Kuykendall, B.A., Eastern Illinois University, Assistant to the Dean (1987)
Glenn Robinson, M.A., Ball State University, Business Advisor, Student Publications (1986)
Johnetta Jones, M.A., Southern Illinois University, Chairperson, Afro-American Studies (1977)
William M. Cloud, Ph.D., University of Wisconsin, Chairperson, Pre-Engineering Studies (1962)
William Weiler, Ph.D., Purdue University, Chairperson, Environmental Studies Committee (1969)
Richard Funk, Ph.D., University of Kansas, Chairperson, Health Professions Studies (1965)
Peter R. Leigh, Ph.D., University of Southern California, Chairperson, Pre-Legal Studies (1969)
Ahmad Murad, Ph.D., University of Wisconsin, Chairperson, Social Science Studies Committee, (1963)

Graduate School and Research

Larry J. Williams, Ph.D., University of Illinois, Dean (1964)
Rhonda Chasteen, M.S.Ed., Eastern Illinois University, Assistant to the Dean (1986)
Edwin L. May, M.A., Adams State College, Director, Research and Grants (1978)

School of Adult and Continuing Education

William C. Hine, Ed.D., Indiana University, Dean (1986)
Donald McKee, M.A.T., University of Illinois, Director, Off-Campus Academic Services (1961)
Kaylin 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)

Occupational Education

Richard Hofstrand, Ph.D., University of Illinois, Director (1983)

Academic Development

Shirley B. Moore, Ed.D., University of Northern Colorado, Dean (1970)

Faculty Development

Nancy P. Taitt, Ph.D., University of Illinois, Coordinator (1969) (Part-time)

Academic Assistance Center

Calvin B. Campbell, Adv. C., University of Illinois, Director (1966)
Josephine C. Barger, M.A., Notre Dame University, Advisor (1977)
John L. Coffey, M.A., Ball State University, Advisor (1986)
Catherine Cloud, M.S.Ed., Eastern Illinois University, Advisor (1988) (Part-time)
Kathy Davies, M.S., Eastern Illinois University, Advisor (1982)
L. Fraun Lewis, M.S.Ed., Eastern Illinois University, Advisor (1982)
Thomas E. McDevitt, M.A., Southern Illinois University, Advisor (1965)
Arthur L. Snider, M.S., Ball State University, Advisor (1970)
Julie Sterling, M.S.Ed., Eastern Illinois University, Advisor (1981)
Vanlou Trank, M.S., Indiana University, Advisor (1970)
Robert G. Winkleblack, M.S.Ed., Eastern Illinois University, Advisor (1966) (Part-time)
James F. Giffin, Ph.D., Northwestern University, Advisor (1947) (Part-time)

Counseling Center

Claud D. Sanders, Ed.D., University of Illinois, Director (1966)
David T. Baird, M.S.Ed., Indiana University, Counselor (1959)
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)

Testing Services

Herbert C. Bartling, Ph.D., University of Iowa, Director (1983)
Douglas J. Bower, M.S.Ed., Eastern Illinois University, Coordinator, Academic Test Administration (1988)

Library Services

Wilson Luquire, Ph.D., Indiana University, Dean (1980)
Frances Pollard, Ph.D., Case Western Reserve University, Executive Assistant for Library Services (1963)

Audio-Visual Center

Gene Scholes, Ph.D., Southern Illinois University, Director (1966)
Willis Waltman, Ed.S., Eastern Illinois University, Assistant Director (1969)

Radio-TV Center

John L. Beabout, M.A., Ohio University, Director (1981)
Kenneth S. Beno, B.S., Southern Illinois University, Manager, TV Station (1986)
Rebecca A. Dole, Manager, Underwriting/Memberships (1987)

Summer School

Charles Switzer, Ph.D., Michigan State University, Director (1966)

STUDENT AFFAIRS

Vice President for Student Affairs
Glenn D. Williams, Ph.D., The Ohio State University (1960)

Student Academic Services

Samuel J. Taber, Ph.D., Southern Illinois University, Dean (1960)

Admissions

Dale W. Wolf, M.S.E., Illinois State University, Director (1985)
Susan W. Ambrose, M.S., Eastern Illinois University, Assistant Director (1985)
Pamela Hadwiger, M.S.Ed., Eastern Illinois University, Assistant Director (1974)
Jean R. Lange, B.S.Ed., Illinois State University, Assistant Director (1985)
Anthony Hemphill, B.S., Eastern Illinois University, Admissions Counselor (1988)
Kathleen M. McSherry, B.S., Central Michigan University, Admissions Counselor (1988)
Jill M. Volk, B.A., Illinois Wesleyan, Admissions Counselor (1988)

Community College Relations

Janet F. Holley, Ed.S., Eastern Illinois University, Director (1968)

Records

James E. Martin, M.A., University of Illinois, Registrar (1968)
John H. Conley, M.S.Ed., Eastern Illinois University, Assistant Registrar (1972)

Registration

Michael Taylor, B.A., Eastern Illinois University, Director (1974)
David Sardella, M.S., Mankato State College, Assistant Director (1972)

Textbook Service

Monty R. Bennett, B.S., Eastern Illinois University, Director (1988)

Student Personnel Services

James E. Johnson, M.A., New York University, Assistant Dean (1970)

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)
Donald L. Schaefer, M.S.Ed., University of Illinois, Assistant Director (1981)

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)
Sue S. McKenna, M.S.Ed., Eastern Illinois University, Executive Assistant (1966) (Part-time)

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)
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)
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, 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)

Residence Hall Food Service

Beverly Sterling, M.S.Ed., Eastern Illinois University, Director (1972)

Residence Hall Counselors

Sean R. McKinney, M.S., Eastern Illinois University, Complex Counselor (1988)
Lynette Baer, M.A., Eastern Illinois University (1985)
Barbara A. Busch, Adv.C., University of Illinois (1964)
Sandra K. Gallion, M.S.Ed., Eastern Illinois University (1987)
Patricia A. Nemmer, M.S.Ed., Eastern Illinois University (1988)
Pamela L. Parker, M.B.A., Eastern Illinois University (1987)
Chris Sheptoski, M.S.Ed., Eastern Illinois University (1988)

University Police Department

Thomas D. Larson, M.A., Eastern Illinois University, Chief Public Safety Officer (1983)

ADMINISTRATION AND FINANCE

Vice President for Administration and Finance
Verna L. Armstrong, Ph.D., University of Cincinnati (1985)

Administrative and Planning 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, Director (1980)
Joy E. Robeson, Telecommunications Manager (1987)

Human Resources
Drayton R. Justus, M.S., Nova University, Director (1987)

Institutional Studies
Thomas Edwards, Ed.D., Harvard University, Associate Director (1988)
John Morrisey, M.S.Ed., Eastern Illinois University, Budget Officer (1968)

Physical Plant
Victor E. Robeson, B.S., Purdue University, Director (1986)

Treasurer
Marion L. Zane, M.S.Ed., Eastern Illinois University, Treasurer (1965)

AFFIRMATIVE ACTION

Judith A. Anderson, Ph.D., Indiana State University, Director (1982)

ATHLETICS

R.C. Johnson, M.A., University of Northern Iowa, Director (1980)
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 (1986)

INTERNAL AUDITOR

Jeffrey L. Cooley, CPA, B.S. in Bus., Eastern Illinois University (1983)

UNIVERSITY RELATIONS

Daniel E. Thornburgh, Ed.D., Indiana University, Director, and Special Assistant to the President (1959)
Charles Titus, M.A., Eastern Illinois University, Assistant to the Executive Officer (1972)
Orlia A. Tate, M.A., Michigan State, Assistant Director (1987)

Development
Patricia Corey, B.A., Eastern Illinois University, Director, Annual Giving (1988)

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)
William E. Addison, Ph.D., Miami University, Assistant Professor, Psychology (1987)
Thomas Akers, M.A., Eastern Illinois University, Lecturer, Intercollegiate Athletics and Physical Education (1982)
Randolph R. Aldinger, Ph.D., University of Texas, Assistant Professor, Physics (1984)
G. Grant Alexander, B.A., Eastern Illinois University, Lecturer, Mathematics and Athletics (1985)
Herbert Alexander, M.S., Wichita State University, Instructor, Zoology (1977) (Part-time)
John B. Allison, Ph.D., University of Chicago, Assistant Professor, English (1988)
Keith Allred, M.A., Brigham Young University, Assistant Professor, Special Education (1986)
Dewey H. Amos, Ph.D., University of Illinois, Professor, Geology/Geography (1965)
Haldon Anderson, Ph.D., Florida State University, Professor, Mathematics (1980)
Keith Andrew, Ph.D., University of Arkansas, Assistant Professor, Physics (1987)
Richard D. Andrews, Ph.D., University of Illinois, Professor, Zoology (1966)
O. Martin Angell, M.B.A., Central Missouri State University, Instructor, Accountancy, Data Processing and Finance (1984)
David P. Appleby, Ph.D., Indiana University, Professor, Music (1971)
Donald Armel, M.S., Indiana State University, Instructor, Technology (1985)
Carol J. Armstrong, M.S.Ed., Eastern Illinois University, Assistant 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, Assistant Professor, Physics (1986)
Charles B. Arzeni, Ph.D., University of Michigan, Professor, Botany (1965)
Dennis W. Aten, M.S.Ed., Eastern Illinois University, Associate Professor, Physical Education (1968)
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)

B

Alan Baharlou, Ph.D., University of Tulsa, Professor, Geology/Geography* (Chair beginning 1-1-89) (1980)
William T. Bailey, Ph.D., Tulane University, Assistant Professor, Psychology (1988)
Kent Baldner, Ph.D., University of California, Assistant Professor, Philosophy (1988)
Robert Barford, Ph.D., Indiana University, Professor, Philosophy (1968)
Peter Barger, M.S., University of Illinois, Instructor, Economics (1986)
Robert N. Barger, Ph.D., University of Illinois, Professor, Secondary Education and Foundations (1977)
Patricia R. Barnhart, Ph.D., University of Illinois, Assistant Professor, Educational Psychology and Guidance (1981)
Richard J. Barta, Ed.S., University of Kansas, Professor, Music (1978)
Susanne Bartsch, M.A., Eastern Illinois University, Instructor, Foreign Languages (1988)
David E. Bartz, Ed.D., Western Michigan University, Professor, Educational Administration (1978)
Lawrence W. Bates, Ph.D., University of Texas, Associate Professor, Economics (1970)

Robert P. Bates, Ph.D., Southern Illinois University, Assistant Professor, Health Studies (1988)
Lloyd Batts, B.S.Ed., University of Cincinnati, Lecturer, Intercollegiate Athletics and Physical Education (1986)
Kandy Baumgardner, Ph.D., Utah State University, Professor, Zoology (1973)
Susan Bazargan, Ph.D., University of Washington, Associate Professor, English (1985)
Roger B. Beck, Ph.D., University of Illinois, Assistant Professor, History (1987)
Steven Becker, Ph.D., The University of Iowa, Professor, Botany (1968)
John K. Bennett, M.S., Eastern Illinois University, Instructor, Mathematics and Lecturer, Athletics (1982)
Dixon E. Berry, M.L.S., Indiana University, Instructor, Library (1988)
Lucinda Berry, M.A., Indiana University, Instructor, English (1988)
B. Christine Best, M.S., University of Illinois, Instructor, Sociology-Anthropology (1988) (Part-time)
John Best, Ph.D., University of Cincinnati, Associate Professor, Psychology (1979)
Mary A. Bialek, M.Ed., Pennsylvania State University, Associate Professor, Music (1969)
Barbara A. Bieler, Ph.D., Pennsylvania State University, Associate Professor, Home Economics (1982)
Terri J. Biggs, M.S., Eastern Illinois University, Instructor, Health Studies (1987) (Part-time)
Cheryl Birkhead, M.S., Illinois State University, Lecturer, Athletics (1978)
Paul E. Black, M.A., Eastern Illinois University, Instructor, Journalism (1988) (Part-time)
T. Howard Black, Ph.D., Northwestern University, Assistant Professor, Chemistry (1985)
Gary A. Blade, Ed.D., University of Illinois, Associate Professor, Educational Administration (1985)
Charles F. Blaich, Ph.D., University of Connecticut, Assistant Professor, Psychology (1987)
Clarence Blanchette, M.A., The University of Iowa, Associate Professor, Theatre Arts (1973)
Douglas G. Bock, Ph.D., Southern Illinois University, Professor, Speech Communication* (1982)
Paul G. Bodine, M.A., Washington University, Associate Professor, Art (1966)
Susan M. S. Boldrey, M.S., University of Illinois, Assistant Professor, Foreign Languages (1989)
Tom F. Boldrey, Ed.D., University of Northern Colorado, Assistant Professor, Technology (1987)
Daniel J. Bolin, M.S.Ed., University of Illinois, Associate Professor, Health Studies (1970)
Mark R. Bomball, Ph.D., University of Mississippi, Associate Professor, Management/Marketing (1969)
Andrea Bonnicksen, Ph.D., Washington State University, Professor, Political Science (1979)
Waldo L. Born, Ph.D., University of Texas, Assistant Professor, Accountancy, Data Processing and Finance (1988)
Jeffrey G. Boshart, M.F.A., University of Massachusetts, Assistant Professor, Art (1988)
Donald L. Boswell, Ph.D., Indiana State, Assistant Professor, Psychology (1987)
Parley A. Boswell, Ph.D., Loyola University, Assistant Professor, English (1987)
Lowell D. Bourne, Ph.D., Washington University, Associate Professor, Accountancy, Data Processing and Finance* (1985)
Dianne E. Braden, B.A., Eastern Illinois University, Lecturer, Sociology/Anthropology (1988) (Part-time)
Stanley C. Braden, M.A., Eastern Illinois University, Instructor, Sociology/Anthropology (1988) (Part-time)
Douglas E. Brandt, Ph.D., University of Hawaii, Assistant Professor, Physics (1987)
Edward Brankey, J.D., Southern Illinois University, Associate Professor, Management/Marketing (1980)
Suzan G. Braun, M.F.A., Southern Illinois University, Professor, Art (1970)
Thomas Brawner, M.M., University of Kentucky, Assistant Professor, Music (1985)
Peggy L. Brayfield, Ph.D., Southern Illinois University, Professor, English (1970)
Hugh E. Brazil, Ph.D., University of Georgia, Associate Professor, Political Science (1982)
Marvin L. Breig, Ph.D., University of Oklahoma, Professor, Physics (1963)
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, Assistant Professor, Mathematics (1986)
Martha 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 Browne, M.F.A., Southern Illinois University, Assistant Professor, Art (1986)
Andrew R. Brulle, Ed.D., Northern Illinois University, Professor, Special Education (1981)
Christine Brulle, M.S.Ed., Northern Illinois University, Instructor, Special Education (1984)
Ewen L. Bryden, Ph.D., The Ohio State University, Professor, Recreation and Leisure Studies* (1969)
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)
Louis C. Butler, M.S.Ed., Eastern Illinois University, Assistant Professor, Technology (1984)
William A. Butler, Ph.D., University of Illinois, Professor, Physics (1970) (Part-time)
Robert Y. Butts, M.S., Virginia Polytechnic Institute and State University, Assistant Professor, Home Economics (1971)
Claudette O. Buxton, M.A., Eastern Illinois University, Instructor, English (1986) (Part-time)

C

Raymond L. Calabrese, Ed.D., University of Massachusetts, Associate Professor, Educational Administration* (1988)
Daniel J. Callahan, M.S.Ed., Southern Illinois University, Lecturer, Intercollegiate Athletics (1989)
Lucy A. Campanis, M.Ed., Pennsylvania State University, Assistant Professor, Home Economics (1986)
Betty J. Campbell, Adv.C., University of Illinois, Assistant Professor, Business Education and Administrative Information Systems (1969)
Trudy A. Campbell, M.S., Western Illinois University, Assistant Professor, Elementary and Junior High School Education (1988)
Brian Cannon, M.S., University of Illinois, Instructor, Journalism (1988)

K. Janelle Carey, M.S., Eastern Illinois University, Instructor, English (1981)
David Carpenter, Ph.D., University of Oregon, Associate Professor, English (1986)
Michael R. Carr, M.A., Eastern Illinois University, Instructor, Physical Education (1988)
Janis Carter, Ph.D., University of Texas, Assistant Professor, Management/Marketing (1988)
Norman C. Cartwright, M.Ed., University of Toledo, Lecturer, Intercollegiate Athletics (1987)
E. Wayne Chandler, D.B.A., Arizona State University, Associate Professor, Management/Marketing (1983)
Judith K. Chapman, M.S., University of Illinois, Instructor, Mathematics (1988) (Part-time)
Max K. Chapman, Ph.D., Kent State University, Assistant Professor, Zoology (1972)
Dayton K. Chase, D.Ed., University of North Dakota, Professor, Business Education and Administrative Information Systems (1968)
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)
Mark Christhilf, Ph.D., University of Maryland, Associate Professor, English (1981)
Michael Chron, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)
Michael E. Church, M.A., Northeast Missouri State University, Instructor, Physical Education (1984)
Phoebe Church, M.S., Eastern Illinois University, Assistant Professor, Physical Education* (Acting) (1979)
James Churchill, M.A., Sangamon State, Instructor, Health Studies (1987) (Part-time)
Czeslaw Ciapalo, Visiting Professor, Art (1988)
Denise C. Clark, M.A., Eastern Illinois University, Instructor, English (1983)
Luis Clay-Mendez, Ph.D., Washington University, Professor, Foreign Languages (1980)
William M. Cloud, Ph.D., University of Wisconsin, Professor, Physics (1962)
Harold G. Coe, Ph.D., Purdue University, Professor, Psychology (1965)
Matthew Cofrancesco, B.A., Towson State University, Lecturer, Recreational Sports (1987) (Part-time)
Edward P. Colbert, Ph.D., Catholic University of America, Associate Professor, History (1968)
George M. Colby, M.A., University of Chicago, Assistant Professor, English (1962) (Part-time)
Linda S. Coleman, Ph.D., University of Wisconsin, Assistant Professor, English (1987)
Wayne D. Coleman, D.Ed., University of Northern Colorado, Professor, Technology (1957)
Marilyn J. Coles, M.M., University of Illinois, Assistant Professor, Music (1988)
William Colvin, Ed.D., Illinois State University, Visiting Professor, Art (1987) (Part-time)
Jonell A. Comerford, Ph.D., University of Illinois, Assistant Professor, Mathematics (1988)
Leo P. Comerford, Jr., Ph.D., University of Illinois, Associate Professor, Mathematics (1988)
Joseph T. Connelly, Ed.D., University of Illinois, Professor, Political Science (1958)
Donna C. Conrad, M.F.A., University of Iowa, Assistant Professor, Theatre Arts (1987)
James Conwell, Ph.D., University of Nebraska, Associate Professor, Physics (1985)
Lewis H. Coon, Ed.D., Oklahoma State University, Professor, Mathematics (1965)
Carolyn S. Cooper, Ph.D., University of Kansas, Assistant 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, Assistant Professor, Zoology (1987)
Patrick R. Coulton, Ph.D., University of Notre Dame, Associate Professor, Mathematics (1983)
John M. Craft, M.S., Eastern Illinois University, Associate Professor, Physical Education (1970)
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)
Joyce S. Crouse, Ph.D., Southern Illinois University, Professor, Home Economics* (1968)
Earl Cummings, M.A., Ball State University, Assistant Professor, Secondary Education and Foundations (1988)
Carleton E. Curran, Ph.D., University of Wisconsin, Associate Professor, History (1966)

D

Deanna P. D'Abbraccio, M.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1980)
Jerry L. Daniels, M.M., Drake University, Associate Professor, Music (1982)
Minh Quang Dao, Ph.D., University of Illinois, Assistant Professor, Economics (1987)
Roger L. Darding, Ph.D., University of Illinois, Professor, Botany (1970)
Joyce E. David, Adv.C., University of Illinois, Associate Professor, Physical Education (1968) (Part-time)
A. Douglas Davis, Ph.D., University of California, Los Angeles, Professor, Physics* (1970)
H. Allen Davis, Jr., Ph.D., University of Wisconsin, Assistant Professor, Mathematics (1987)
Michael T. DeBord, M.A., Ball State, Lecturer, Intercollegiate Athletics (1987)
Carl W. Dell, Ph.D., Bowling Green State University, Assistant Professor, Communication Disorders and Sciences (1985)
Marietta L. Deming, Ph.D., University of Toledo, Assistant Professor, Health Studies (1987)
Jean Dennee, Ed.D., Utah State University, Assistant Professor, Student Teaching (1987)
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)
Albert DiChiara, M.A., University of Missouri, Instructor, Sociology/Anthropology (1985)
Jean K. Dilworth, M.F.A., Western Illinois University, Instructor, Home Economics (1988)
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)

Betty Dodson, M.A., St. Louis University, Assistant Professor, Communication Disorders and Sciences (1974)
Ernest E. Dolson, Ph.D., University of Illinois, Professor, Mathematics (1968) (Part-time)
Donald Dolton, M.A., Oklahoma State University, Assistant Professor, English (1966)
Patricia Dougherty, M.A., Eastern Illinois University, Instructor, English (1979)
Ruth M. Dow, Ph.D., University of Illinois, Professor, Home Economics (1969)
Dale D. Downs, Ed.D., Indiana University, Professor, Elementary and Junior High School Education (1963)
Kathleen P. Doyle, Ph.D., Southern Illinois University, Associate Professor, Health Studies (1978)
Robert Doyle, M.S., Indiana State University, Assistant Professor, Physical Education (1979)
Dean Dudley, Ph.D., University of Washington, Professor, Accountancy, Data Processing and Finance (1985)
Richard A. Dulka, M.A., St. Louis University, Associate Professor, Foreign Languages (1968)
Leonard Durham, Ph.D., University of Illinois, Professor, Zoology (1955)
David C. Dutler, Ph.D., Southern Illinois University, Associate Professor, Physical Education (1976)

E

Hannah N. Eads, Ed.D., Illinois State University, Professor, Art (1961)
David W. Ebdon, Ph.D., University of Maryland, Professor, Chemistry* (1968)
Charles G. Eberly, Ph.D., Michigan State University, Assistant Professor, Educational Psychology and Guidance (1987)
John E. Ebinger, Ph.D., Yale University, Professor, Botany (1963)
Craig Eckert, Ph.D., The Ohio State University, Assistant Professor, Sociology/Anthropology (1986)
Jerry D. Eisenhour, Ph.D., University of Missouri, Associate Professor, Theatre Arts (1984)
Snowden L. Eisenhour, Ph.D., University of Illinois, Professor, Physics (1961)
E. Duane Elbert, Ph.D., Indiana University, Professor, History (1966)
Thomas L. Elliott, Ed.D., University of Northern Colorado, Professor, Business Education and Administrative Information Systems (1969)
Jerry W. Ellis, Ph.D., Oklahoma State University, Professor, Chemistry (1966)
Dean Elmuti, Ph.D., North Texas State University, Assistant Professor, Management/Marketing (1987)
Carl E. Emmerich, D.Ed., The Pennsylvania State University, Professor, Art (1962)
Dana M. Ewell, B.A., University of Kentucky, Lecturer, Journalism (1987)

F

Paul R. Fahy, Ph.D., University of Connecticut, Associate Professor, Economics (1976)
Mona L. Falconer, M.B.A., Central Missouri State University, Instructor, Accountancy, Data Processing and Finance (1984)
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 Instructor - Secondary Education and Foundations (1986)
Russell D. Fischer, Ed.D., North Texas State University, Associate Professor, Physical Education (1976)
Deborah W. Flack, M.S., University of Illinois, Instructor, Physical Education (1987)
Patricia Flaugher, M.S., Southern Illinois University, Assistant Professor, Physical Education (1969)
Charles G. Fleming, Ph.D., University of North Carolina, Assistant Professor, Mathematics (1986)
Laura D. Flesor, B.A., Eastern Illinois University, Lecturer, English (1988)
M. Lorraine Flower, Ph.D., University of Oregon, Professor, Physical Education (1965) (Part-time)
Thomas W. Floyd, Ed.D., University of Illinois, Professor, Elementary and Junior High School Education (1967) (Part-time)
Linda L. Flynn, M.Ed., Virginia Commonwealth University, Instructor, Special Education (1987) (Part-time)
Barbara Foerch, B.A., Eastern Illinois University, Instructor, Psychology (1988) (Part-time)
Beverly 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, Associate Professor, Sociology/Anthropology (1981)
Delbert D. Foust, Adv.C., University of Illinois, Associate Professor, Elementary and Junior High School Education (1964)
Frank A. Fraembs, M.S., University of Illinois, Assistant Professor, Zoology (1964)
Deborah K. Freeland, M.Ed., University of Texas, Assistant Professor, Health Studies (1988)
Richard C. Funk, Ph.D., University of Kansas, Professor, Zoology* (1965)
Robert W. Funk, Ph.D., University of Illinois, Associate Professor, English (1983)

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)
Hillel Gauchman, Ph.D., University of Moscow, Associate Professor, Mathematics (1986)
Max O. Gerling, Ph.D., Florida State University, Professor, Mathematics (1978)
Farrokh Ghazanfari, D.B.A., Mississippi State University, Assistant Professor, Accountancy, Data Processing and Finance (1986)
Ronald E. Gholson, Ph.D., Southern Illinois University, Professor, Secondary Education and Foundations (1976)
Carole S. Gile, Ph.D., University of Missouri, Assistant Professor, Elementary and Junior High School Education (1988)
James F. Glazebrook, Ph.D., University of Warwick, Assistant Professor, Mathematics (1988)
Daniel P. Goble, M.M., University of Northern Colorado, Assistant Professor, Music (1986)
Roberta Goggins, M.S., Eastern Illinois University, Instructor, Home Economics (1988) (Part-time)
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)
Laurent A. Gosselin, Ed.D., Temple University, Associate 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, Data Processing and Finance (1963)
Louis M. Grado, Ph.D., The University of Iowa, Professor, Elementary and Junior High School Education* (1955)
Walter J. Grady, B.S.C.E., University of Notre Dame, Lecturer, Mathematics (1983)
Patricia O. Graves, Ed.D., Memphis State University, Assistant Professor, Business Education and Administrative Information Systems (1987)
Grant G. Gray, Ph.D., North Dakota State University, Associate Professor, Botany (1966)
Lillian Greathouse, Ph.D., Southern Illinois University, Associate Professor, Business Education and Administrative Information Systems* (1986)
Noelle J. Greathouse, M.S., Eastern Illinois University, Assistant Professor, Student Teaching (1988)
Raymond V. Griffin, Ed.D., University of Northern Colorado, Professor, Technology and Education (1958) (Part-time)
Karl M. Grisso, Ph.D., University of Illinois, Professor, Library (1969)
Gary L. Gueldner, M.S. Ed., Eastern Illinois University, Assistant Professor, Accountancy, Data Processing and Finance (1967)
Bruce Guernsey, Ph.D., University of New Hampshire, Professor, English (1978)
E. T. Guidotti, M.F.A., University of Iowa, Assistant Professor, Theatre Arts* (Acting) (1987)
Vincent P. Gutowski, Ph.D., California State University, Assistant Professor, Geology/Geography (1983)
John Z. Guzlowski, Ph.D., Purdue University, Associate Professor, English (1981)

H

Kenneth E. Hadwiger, Ph.D., University of Oklahoma, Professor, Speech Communication (1964)
Judy D. Halchin, Ph.D., University of North Carolina, Assistant Professor, Mathematics (1986)
John H. Haley, Ph.D., University of North Carolina, Associate Professor, History (1987)
Carl R. Hall, M.S., Illinois State University, Instructor, Psychology (1988) (Part-time)
Wendy F. Hamand, Ph.D., University of Illinois, Associate Professor, History (1985)
Julian J. Hamerski, Ph.D., University of the Pacific, Associate Professor, Chemistry (1963)
Barbara Haney-Powell, M.A., Eastern Illinois University, Instructor, Economics (1987)
Marjorie Hanft-Martone, M.A., University of Oklahoma, Instructor, Psychology (1986)
Mary Anne Hanner, M.S., Eastern Illinois University, Assistant Professor, Communication Disorders and Sciences (1981)
Burton E. Hardin, D.M.Ed., University of Oklahoma, Professor, Music (1969)
Stanley G. Harris, M.A., University of Missouri, Associate Professor, Foreign Languages (1968)
Charles R. Harrison, M.A., University of Oklahoma, Assistant Professor, Speech Communication (1969)
Norma J. Harrison, M.H.E., University of Oklahoma, Assistant Professor, Home Economics (1969)
Dorothy M. Hart, Ph.D., The University of Iowa, Professor, Physical Education (1947) (Part-time)
Karen Hartbank, M.A., Eastern Illinois University, Instructor, Sociology-Anthropology (1988) (Part-time)
James M. Havey, Ed.D., Ball State University, Assistant Professor, Psychology (1988)
Cheryl Hawker, D.A., Illinois State University, Assistant Professor, Mathematics (1979)
Paul Hayden, D.M.A., University of Illinois, Associate Professor, Music (1988)
Darrell Hazell, B.A., Muskingum College, Lecturer, Intercollegiate Athletics (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, M.A., University of Iowa, Assistant Professor, Art (1977)
Hollis E. Helmeci, M.A., University of Toledo, Instructor, English (1988)
Christine Helsel, M.A., Eastern Illinois University, Instructor, Speech Communication (1985)
Larry D. Helsel, 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)
Mary B. Hennig, M.B.A., Eastern Illinois University, Instructor, Accountancy, Data Processing and Finance (1985)
Robert E. Hennings, Ph.D., University of California, Berkeley, Professor, History* (1962)
Peter D. Hesterman, Ph.D., Eastman School of Music, Professor, Music (1978)
Joseph K. Heumann, M.A., University of Iowa, Associate Professor, Speech Communication (1976)
Billy J. Heyduck, D.Ed., Pennsylvania State University, Professor, Art (1966)
William F. Higelmire, Ed.D., University of Northern Colorado, Assistant Professor, Recreation and Leisure Studies (1987)
Glenn J. Hild, M.F.A., University of Nebraska, Associate Professor, Art (1979)
Barbara Hilke, M.S., University of Oregon, Lecturer, Intercollegiate Athletics (1979)
Robert Hills, M.S., Eastern Illinois University, Associate Professor, Music (1985)
Harold L. Hillyer, M.M., University of Southern California, Assistant Professor, Music (1972)
Ruth Hoberman, Ph.D., Columbia University, Associate Professor, English (1984)
Dan Hockman, Ph.D., University of Illinois, Professor, History (1965)
Richard K. Hofstrand, Ph.D., University of Illinois, Associate Professor, Technology (1983)
Gary L. Holt, Ph.D., West Virginia University, Professor, Psychology (1972)
Richard L. Hooser, Ph.D., Southern Illinois University, Professor, Health Studies (1965)
Allan L. Horney, M.S., University of Illinois, Associate Professor, Music (1974)
Nai-chao Hsu, Ph.D., Washington University, Professor, Mathematics (1966)
Mary Hubbard, Ph.D., Southern Illinois University, Professor, Home Economics (1979)

Richard L. Hummel, Ph.D., Indiana University, Professor, Sociology/Anthropology (1969)
Lawrence B. Hunt, Ph.D., University of Wisconsin, Professor, Zoology (1967)
David C. Hunter, M.A., Eastern Illinois University, Instructor, Psychology (1988) (Part-time)
Robert W. Hussey, Ed.D., University of Northern Colorado, Professor, Physical Education (1958)

I

Richard H. Icen, M.A., University of Illinois, Instructor, Journalism (1985) (Part-time)
Diana S. Ingram, M.A., Eastern Illinois University, Instructor, Speech Communication (1986)
Bill V. Isom, M.S.Ed., Southern Illinois University, Professor, Library (1964)
Judith 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, M.S., Murray State University, Assistant Professor, Technology (1984)

J

Richard D. Jacques, Ph.D., Bowling Green State University, Assistant Professor, Communication Disorders and Sciences (1987)
Vaughn Jaenike, Ed.D., University of Nebraska, Professor, Music (1974)
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, Recreation and Leisure Studies (1968)
James K. Johnson, M.F.A., University of Kansas, Professor, Art* (1978)
Kenneth A. Johnson, M.B.A., Eastern Illinois University, Instructor, Business Education and Administrative Information Systems (1986)
Charles L. Joley, Ed.D., Professor, Occupational Education (1970)
Alan Jones, M.S.Ed., Eastern Illinois University, Assistant Professor, Student Teaching (1988)
Annie Lee Jones, Ph.D., University of Michigan, Professor, Recreation and Leisure Studies (1972)
George H. Jones, D. Phil., Oxford University, Professor, History (1966)
Jeanne F. Jones, M.A., Eastern Illinois University, Instructor, Speech Communication (1988) (Part-time)
Johnetta Jones, M.A., Southern Illinois University, Assistant Professor, Sociology/Anthropology (1977)
Robert W. Jordan, Ph.D., Washington University, Associate Professor, Chemistry (1966)
Robert B. Jorstad, Ph.D., University of Idaho, Assistant Professor, Geology/Geography (1982)
Alphonso Joyner, J.D., Howard University, Associate Professor, Management/Marketing (1985)

K

Sylvia Y. Kaplan, M.A.L.S., Rosary College, Assistant Professor, Library, (1970)
Ebrahim Karbassioon, Ph.D., University of Nebraska-Lincoln, Associate Professor, Economics (1980)
Robert H. Karraker, Ph.D., Iowa State University, Professor, Chemistry (1967)
Yunus Kathawala, Ph.D., University of Georgia, Professor, Management/Marketing (1982)
Susan J. Kaufman, M.S., Indiana State University, Instructor, 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)
John J. Kelleher, Ph.D., University of Pittsburgh, Professor, English (1964)
Leo L. Kelly, Ph.D., Purdue University, Professor, Foreign Languages (1965) (Part-time)
Karen J. Ketler, M.B.A., Eastern Illinois University, Assistant Professor, Accountancy, Data Processing and Finance (1988)
Belayet Khan, Ph.D., University of Pittsburgh, Assistant Professor, Geology/Geography (1983)
Carol A. Kiefer, M.B.A., Cleveland State University, Instructor, Accountancy, Data Processing and Finance (1983)
John Kilgore, Ph.D., University of California-Irvine, Professor, English (1979)
Ha Poong Kim, Ph.D., Boston University, Professor, Philosophy* (1967)
William G. Kirk, Ph.D., University of Kansas, Professor, Psychology (1975)
Elizabeth Klein, M.A., Columbia University, Instructor, English (1988)
B. Delores Knott, M.S.Ed., Eastern Illinois University, Instructor, Accountancy, Data Processing and Finance (1979)
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)
Glenn J. Kozak, Faculty Assistant, College of Liberal Arts and Sciences (1986)
Tena M. Krause, M.S., Eastern Illinois University, Instructor, Physical Education (1988)
Helen J. Krehbiel, M.S., Eastern Illinois University, Assistant Professor, Music (1988)
James W. Krehbiel, Ph.D., Indiana University, Professor, Music* (1965)
Susan Kress, M.F.A., Southern Illinois University, Instructor, Art (1988)
Linda H. Kridelbaugh, M.S., University of Oregon, Instructor, Mathematics (1988)
Claire E. Krukenberg, Ph.D., University of Illinois, Professor, Mathematics, (1968)
Kipp Kruse, Ph.D., University of Nebraska, Professor, Zoology (1979)
June M. Krutza, Ph.D., The Ohio State University, Professor, Art (1952)
Susan J. Kyle, Ph.D., University of Illinois, Assistant Professor, Elementary and Junior High School Education (1988)

L

Marta Ladd, M.A., Eastern Illinois University, Instructor, Journalism (1986)
Jon M. Laible, Ph.D., University of Illinois, Professor, Mathematics (1964)
Susan G. Laitas, M.A., Eastern Illinois University, Instructor, Sociology/Anthropology (1987)
Janet Lambert, Ed.D., Oregon State University, Assistant Professor, Elementary and Junior High School Education (1988)
Bert A. Landes, M.A.T., Colorado State University, Assistant Professor, Zoology (1967)
Johnny L. Lane, M.M., Southern Illinois University, Associate Professor, Music (1974)
Timothy Lane, M.A., University of Illinois, Assistant Professor, Music (1981)
Lynette M. Lashley, Ph.D., Northwestern University, Associate Professor, Speech Communication (1988)
Herbert Lasky, Ph.D., New York University, Professor, History (1966)
Lynnette J. Lasky, M.S.L.S., Eastern Illinois University, Associate Professor, Library (1973)
Kevin R. Lasley, Ed.D., University of Arkansas, Assistant Professor, Physical Education (1987)
Abdul Lateef, Ph.D., Southern Illinois University, Professor, Political Science (1968)
Kristin Lawson, M.S., Eastern Illinois University, Instructor, Physical Education (1988)
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, Assistant Professor, English (1965)
Michael Leddy, Ph.D., Boston College, Assistant Professor, English (1985)
John W. LeDuc, Ph.D., University of Illinois, Professor, Mathematics* (1965)
Peter R. Leigh, Ph.D., University of Southern California, Professor, Political Science (1969)
Gloria A. Leitschuh, M.S.Ed., Eastern Illinois University, Instructor, Health Studies (1988) (Part-time)
Patrick M. Lenihan, Ph.D., University of Wisconsin, Professor, Economics (1967)
Scott R. Lensink, M.B.A., Eastern Illinois University, Instructor, Management/Marketing (1984)
Mary M. Leonard, M.F.A., Northern Illinois University, Assistant Professor, Art (1986)
Michael B. Leyden, D.Ed., University of Florida, Professor, Elementary and Junior High School Education (1970)
Maurice C. Libbey, Adv.C., University of Illinois, Professor, Library (1967)
Jerry A. Ligon, Ph.D., Arizona State University, Associate Professor, Secondary Education and Foundations (1985)
Marylin Lisowski, Ph.D., Ohio State University, Assistant Professor, Elementary and Junior High School Education (1987)
Gwen G. Little, M.S.Ed., Eastern Illinois University, Instructor, Physical Education (1987)
Inez B. Livingston, Ph.D., The Ohio State University, Professor, Psychology (1968)
Jeffrey Loomis, Ph.D., University of North Carolina, Assistant Professor, English (1988)
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)
Walter S. Lowell, Ed.D., Michigan State University, Professor, Physical Education (1961) (Part-time)
Wilson Luquire, Ph.D., Indiana University, Professor, Library (1980)
Kevin Lyman, M.S., Eastern Illinois University, Instructor, Botany (1988)
Jeffrey P. Lynch, M.A., University of Dayton, Associate Professor, English (1976)
Michael J. Lynch, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)

M

Fred W. MacLaren, Ph.D., University of Oklahoma, Professor, Elementary and Junior High School Education (1961)
Mary 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/Anthropology (1971)
Richard W. Makino, B.S., Illinois Institute of Technology, Lecturer, Mathematics (1988) (Part-time)
Harold A. Malehorn, Ph.D., Northwestern University, Professor, Elementary and Junior High School Education (1970)
Carol A. Manhart, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)
Edward K. Marlow, Ph.D., University of Illinois, Associate Professor, Management/Marketing (1984)
Nancy Marlow, D.B.A., Mississippi State University, Associate Professor, Management/Marketing (1985)
Janet T. Marquardt-Cherry, Ph.D., University of California, Assistant Professor, Art (1986)
John Marquart, Ph.D., University of Illinois, Professor, Chemistry (1979)
Janet R. Marquis, M.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1985)
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)
Kenneth Matzner, Ph.D., University of Illinois, Assistant 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)
Michael J. Maziarz, M.B.A., Eastern Illinois University, Instructor, Management/Marketing (1984)
Patricia McAlister, D.Ed., Pennsylvania State University, Associate Professor, Home Economics (1976)
William J. McCabe, M.A., The University of Iowa, Associate Professor, Physical Education (1962) (Part-time)
Ava L. McCall, Ph.D., Indiana University, Assistant Professor, Elementary and Junior High School Education (1987)
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)
Christine McCormick, Ph.D., University of Minnesota, Associate Professor, Psychology (1982)

Frank McCormick, Ph.D., University of Minnesota, Professor, English (1977)
Mary C. McDaniel, M.A., Eastern Illinois University, Instructor, English (1982)
Michael J. McDevitt, M.A., Eastern Illinois University, Instructor, Health Studies (1987)
John F. McElligott, Ph.D., New York University, Associate Professor, History (1967)
Harland G. McFarland, M.S.Ed., Southern Illinois University, Associate Professor, Physical Education (1970)
Kip McGilliard, Ph.D., University of Minnesota, Associate Professor, Zoology (1985)
Ralph Y. McGinnis, Ph.D., Denver University, Professor, Speech Communication (1984) (Part-time)
William P. McGown, Ph.D., University of Southern Mississippi, Professor, Psychology (1970)
David G. McGrady, M.B.A., University of Texas, Instructor, Accountancy, Data Processing and Finance (1986)
Mark E. McGuire, Ph.D., University of Rochester, Assistant Professor, Chemistry (1988)
Donald L. McKee, M.A.T., University of Illinois, Assistant Professor, Foreign Languages (1961)
Melanie McKee, M.A., Bowling Green State University, Assistant Professor, Speech Communication (1985)
Nancy J. McMillan, Ph.D., Southern Methodist University, Associate Professor, Geology/Geography (1983)
Vicki L. McMillen, M.A., Indiana State University, Instructor, English (1988)
Andrew D. McNitt, Ph.D., Michigan State University, Professor, Political Science (1977)
Jerry McRoberts, Ph.D., University of Illinois, Associate 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, Management/Marketing (1964)
E. Randall Melvin, B.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1988)
Floyd E. Merritt, Ph.D., The Ohio State University, Professor, Speech Communication (1970)
Janet M. Messenger, M.A.Ed., Washington University, Instructor, Art (1988)
John M. Messer, D.Ed., University of Northern Colorado, Professor, Technology (1977)
Andrew S. Methven, Ph.D., University of Tennessee, Assistant Professor, Botany (1987)
Douglas K. Meyer, Ph.D., Michigan State University, Professor, Geology/Geography (1970)
Roy A. Meyerholtz, Ed.D., University of Northern Colorado, Professor, Mathematics (1961)
Beverly B. Miller, M.S.L.S., University of Illinois, Associate Professor, Secondary Education and Foundations (1967)
Blair E. Miller, Ph.D., Miami University, Assistant Professor, Chemistry (1987)
Bryan G. Miller, Ph.D., Indiana University School of Medicine, Assistant Professor, Zoology (1987)
Charles E. Miller, Jr., M.S., Eastern Illinois University, Faculty Assistant, Physics (1967)
E. John Miller, M.M., Northwestern University, Assistant Professor, Music (1986)
Patricia L. Miller, M.A., University of Illinois, Instructor, History (1985-Spring) (Part-time)
William D. Miller, Ph.D., The University of Iowa, Professor, English (1963)
Al R. Moldroski, M.A., Michigan State University, Professor, Art (1963)
Edward O. Moll, Ph.D., University of Utah, Professor, Zoology (1968)
Susan M. Moncada, M.B.A., Eastern Illinois University, Instructor, Business Education and Administrative Information Systems (1983)
Thomas Moncada, J.D., IIT-Chicago, Kent College of Law, Associate Professor, Accountancy, Data Processing and Finance (1980)
Matthew M. Monippallil, J.D., Southern Illinois University, Assistant Professor, Accountancy, Data Processing and Finance (1986)
John D. Moore, Ph.D., University of Washington, Assistant 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)
Susan L. Morris, M.A., Eastern Illinois University, Instructor, English (1981)
Marilyn J. Morrow, M.A., Eastern Illinois University, Assistant Professor, Health Studies (1982)
Ali R. Moshtagh, Ph.D., University of Arkansas, Assistant Professor, Economics (1987)
Tarcisio Mosnia, M.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1984)
Susan E. Mounce, M.S., Eastern Illinois University, Instructor, Zoology (1982)
Daniel G. Mulcahy, Ph.D., University of Illinois, Professor, Secondary Education and Foundations (1989)
John E.P. Mullally, Ph.D., University of California, Associate Professor, Foreign Languages (1968) (Part-time)
Betty G. Muller, M.A., East Carolina College, Assistant Professor, Physical Education (1965) (Part-time)
Ahmad Murad, Ph.D., University of Wisconsin, Professor, Economics* (1963)
David H. Murphy, M.S., Indiana State University, Assistant Professor, Botany (1968)
Jack Murry, Ed.D., University of Illinois, Associate Professor, Business Education and Administrative Information Systems (1965)
Amy Beth Myers, M.A., Eastern Illinois University, Instructor, Economics (1983)

N

Judy A. Nagy, M.B.A., Eastern Illinois University, Instructor, Business Education and Administrative Information Systems (1984)
Jagdish L. Nanda, Ph.D., Indiana University, Professor, Mathematics (1964)
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)
Angus B. Nesbit, M.L.S., University of Pittsburgh, Instructor, Library (1986)
Lawrence R. Nichols, Ph.D., Duke University, Professor, History (1962)
Rebecca C. Nickles, M.B.A., Eastern Illinois University, Instructor, Business Education and Administrative Information Systems (1984)
Henry C. Nilsen, M.S., University of Illinois, Assistant Professor, Zoology (1967)

Jill F. Nilsen, Ph.D., University of Illinois, Associate Professor, Communication Disorders and Sciences* (1976)
Charles E. Nivens, M.F.A., Indiana University, Associate Professor, Art (1986)
Janet L. Norberg, Ph.D., The University of Iowa, Professor, Speech Communication (1963)
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)
John T. North, Ed.D., Indiana University, Professor, Secondary Education and Foundations* (1970)
Grace G. Nunn, Ph.D., The Ohio State University, Associate Professor, Elementary and Junior High School Education (1983)

O

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* (Acting) (1969)
Kathryn M. Olsen, M.A., Eastern Illinois University, Instructor, English (1988)
Geraldina Ortiz-Muniz, Ph.D., Florida State University, Professor, Foreign Languages (1962)
Kenneth R. Osborne, M.S., Eastern Illinois University, Faculty Assistant, Chemistry (1978)
A. Anthony Oseguera, Ph.D., University of Missouri-Columbia, Associate Professor, Speech Communication (1980)
Paul D. Overton, Ed.D., University of Northern Colorado, Professor, Educational Psychology and Guidance* (1962)
S. Jayne Ozier, Ph.D., Florida State University, Professor, Home Economics (1970)

P

Ronald Paap, A.M., University of Northern Colorado, Assistant Professor, Physical Education (1963)
James H. Packer, III. D.B.A., Louisiana Tech University, Assistant Professor, Accountancy, Data Processing and Finance (1987)
Raymond F. Padovan, M.S.Ed., Southern Illinois University, Assistant Professor, Physical Education (1966)
Frank E. Parcells, Ph.D., Southern Illinois University, Associate Professor, Speech Communication (1980)
Ronda S. Parks, M.S., Indiana State University, Instructor, Home Economics (1988)
Thomas A. Pencek, D.B.A., Mississippi State University, Assistant Professor, Accountancy, Data Processing and Finance (1988)
Stuart L. Penn, Ph.D., Yale University, Professor, Philosophy (1960) (Part-time)
Terry Perkins, Ph.D., University of Kansas, Associate Professor, Speech Communication (1979)
Bruce Perrin, M.B.A., Eastern Illinois University, Instructor, Management/Marketing (1985)
Steven W. Perrin, M.A., Michigan State University, Instructor, Secondary Education and Foundations (1988)
Raymond N. Pheifer, Ph.D., Indiana University, Associate Professor, Geology/Geography (1984)
William L. Phillips, Ed.D., University of Southern Mississippi, Assistant Professor, Special Education (1988)
Gerald Pierson, M.S.Ed., Eastern Illinois University, Associate Professor, Secondary Education and Foundations (1963)
Frances M. Pollard, Ph.D., Case Western Reserve University, Professor, Library (1963)
Fredrick Preston, Jr. Ph.D., University of Illinois, Professor, English (1972)
Scott Preston, M.B.A., Eastern Illinois University, Instructor, Management/Marketing (1986)
Howard Z. Price, M.A., University of Missouri, Instructor, Journalism (1984)
Priscilla C. Price, M.S., Illinois State University, Instructor, English (1988) (Part-time)
Carol D. Pyles, Ed.D., West Virginia University, Professor, Health Studies (1987)
Richard B. Pyles, J.D., West Virginia University, Instructor, Management/Marketing (1987) (Part-time)

Q

Theodore K. Quinn, Ph.D., The 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 (1983)
Evelyn N. Ransom, Ph.D., University of Illinois, Professor, English (1970)
Melanie Rawlins, Ph.D., University of Nebraska, Professor, Educational Psychology and Guidance (1978)
David Raybin, Ph.D., Columbia University, Associate Professor, English (1981)
O. Melvin Reader, M.A., Northern Arizona University, Instructor, English (1988)
John J. Rearden, Ph.D., Oklahoma State University, Professor, Psychology (1968)
Phyllis L. Rearden, C.A.S., University of Illinois, Associate Professor, Library (1970)
John D. Reed, Ph.D., Southern Illinois University, Associate Professor, Journalism* (1972)
Martin A. Reed, Ph.D., Southern Illinois University, Associate Professor, Health Studies* (1975)
Denise Rehm, M.F.A., Indiana University, Assistant Professor, Art (1984)
Heidi L. Reible, M.A., Eastern Illinois University, Instructor, Psychology (1988) (Part-time)
Elizabeth F. Reutter, B.S., Southeast Missouri State University, Instructor, Home Economics (1988) (Part-time)
Gail Richard, M.S., Eastern Illinois University, Associate Professor, Communication Disorders and Sciences (1981)
Ray E. Richardson, M.S., Eastern Illinois University, Instructor, Technology (1987)
Barbara Richter, Ph.D., Southern Illinois University, Professor, Home Economics (1969)
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)
Glenn Robinson, M.A., Ball State University, Assistant Professor, Journalism (1986)

Donald L. Rogers, Ed.D., University of Nebraska, Professor, Secondary Education and Foundations (1963)
Ferne M. Rogers, M.S., Eastern Illinois University, Instructor, Speech Communication and Zoology (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)
Jerome J. Rooke, M.S.Ed., Northern Illinois University, Associate Professor, Accountancy, Data Processing and Finance (1965)
Stuart A. Rosenkrantz, Ph.D., University of Nebraska-Lincoln, Associate Professor, Management/Marketing (1984)
Christie L. Roszcowski, 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)
Richard C. Russell, A.M., University of Illinois, Instructor, English (1988) (Part-time)
Colleen D. Ryan, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)
John M. Ryan, M.S., University of Illinois, Instructor, 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)
Robert D. Sampson, M.A., University of Illinois, Instructor, Journalism (1988) (Part-time)
Rick Samuels, M.Ed., Eastern Washington State College, Lecturer, Intercollegiate Athletics (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)
Rosanne B. Sanders, Ed.D., University of Northern Colorado, Professor, Business Education and Administrative Information Systems (1969)
James A. Saunders, M.A., University of Missouri at Columbia, Assistant Professor, Journalism (1981) (Part-time)
John E. Schaefer, M.S., University of Wisconsin, Associate Professor, Physical Education (1969)
Anthony J. Schaeffer, Ph.D., University of California, Professor, Mathematics (1980)
Mary E. Schilhavy, M.S., University of Rhode Island, Instructor, Accountancy, Data Processing and Finance (1988)
Richard A. Schilhavy, Ph.D., Indiana University, Assistant Professor, Management/Marketing (1987)
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)
Mel E. Schnake, D.B.A., Mississippi State University, Associate Professor, Management/Marketing (1985)
Gene W. Scholes, Ph.D., Southern Illinois University, Professor, Library (1966)
William W. Scott, Ph.D., University of Michigan, Professor, Botany (1968)
William J. Searle, Ph.D., Purdue University, Professor, English (1976)
Barbara Senatre, M.A., Eastern Illinois University, Instructor, Economics (1987)
Ronald Seymour, M.A., Governor's State University, Instructor, Journalism (1985) (Part-time)
June Shanholtzer, M.S.Ed., Eastern Illinois University, Instructor, Mathematics (1982)
Kathlene S. Shank, Ph.D., University of Illinois, Professor, Special Education* (1970)
Donald L. Shawver, Ph.D., University of Illinois, Visiting Professor, Management/Marketing (1988)
Anita K. Shelton, Ph.D., University of Washington, Assistant Professor, History (1988)
Maurice D. Sheperd, M.A.T., Indiana University, Associate Professor, Chemistry and Student Teaching (1967)
Timothy A. Shonk, Ph.D., University of Tennessee at Knoxville, Associate Professor, English (1981)
Salisa H. Shook, B.A., Eastern Illinois University, Lecturer, Speech Communication (1988)
Richard J. Sidwell, Ph.D., University of Utah, Professor, Economics (1970)
Maria C. Silverman, B.S.Ed., Eastern Illinois University, Lecturer, Foreign Languages (1987) (Part-time)
Jeanne H. Simpson, D.A., Illinois State University, Associate Professor, English (1981)
John M. Simpson, Ph.D., University of Texas at Austin, Professor, English (1975)
James L. Slavik, Ph.D., Florida State University, Assistant Professor, Home Economics (1987)
Melvin M. Slott, Ph.D., The Ohio State University, Professor, Theatre Arts (1983)
Allen W. Smith, Ph.D., Indiana University, Professor, Economics (1970)
Calvin N. Smith, Ph.D., Purdue University, Professor, Speech Communication (1965)
John B. Smith, B.S., University of Wisconsin, Lecturer, Intercollegiate Athletics (1987)
P. Scott Smith, Ph.D., Cornell University, Professor, Physics (1953)
Paul H. Smith, Ph.D., University of Arkansas, Associate Professor, Accountancy, Data Processing and Finance (1986)
William A. Smith, Adv. Cert. in Educ., University of Illinois, Associate Professor, Recreation and Leisure Studies (1978)
Donald W. Smitley, Ed.D., University of Illinois, Professor, Educational Administration (1970)
Jacqueline A. Snyder, M.S., Eastern Illinois University, Instructor, Home Economics (1987) (Part-time)
Robert E. Snyder, Ph.D., The University of Iowa, Professor, Music (1969)
Robert B. Sonderman, Ed.D., University of Missouri, Professor, Technology (1956)
Walter Sorge, Ed.D., Columbia University, Professor, Art (1970)
Margaret A. Soukup, Ph.D., Oregon State University, Assistant Professor, Educational Psychology and Guidance (1988)
Brock Spack, B.S., Purdue University, Lecturer, Intercollegiate Athletics (1987)

Roland D. Spaniol, Ph.D., The University of Iowa, Professor, Accountancy, Data Processing and Finance (1960)
Marvin R. Sparks, M.A., Eastern Illinois University, Instructor, Music (1988) (Part-time)
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, B.A., Purdue University, Lecturer, Intercollegiate Athletics (1987)
Vicki Stayton, Ph.D., University of Illinois, Associate Professor, Special Education (1985)
M. Lee Steinmetz, Ph.D., Brown University, Professor, English (1959)
Paul R. Stephen, M.S., University of Southern California, Instructor, Management/Marketing (1983)
Robert W. Sterling, M.S.Ed., Eastern Illinois University, Associate Professor, History (1956)
Carol D. Stevens, Ph.D., Bowling Green State University, Associate Professor, English (1981)
Scott F. Stoddart, M.A., University of Illinois, Assistant Professor, English (1988)
Frank C. Stokes, Ph.D., University of Illinois, Professor, English (1969)
Lester B. Stoner, B.S., Eastern Illinois University, Instructor, Geology/Geography (1984) (Part-time)
Sue B. Stoner, M.S.Ed., Eastern Illinois University, Professor, Psychology* (Acting) (1965)
Leonard Storm, Ph.D., University of Illinois, Professor, Physics (1979)
Alice C. Stoughton, M.S., University of Oregon, Professor, Physical Education (1971)
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)
Barbara Sturgis-Everett, D.M.A., University of Cincinnati, Associate Professor, Music (1982)
Gerald E. Sullivan, Ph.D., University of Minnesota, Professor, Theatre Arts (1969)
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)
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)
Richard A. Sylvia, Ph.D., New York University, Assistant Professor, English (1986)

T

Henry A. Taitt, Ph.D., University of Illinois, Assistant Professor, Elementary and Junior High School Education (1988)
Nancy P. Taitt, Ph.D., University of Illinois, Professor, Mathematics (1969)
Frank S. Taylor, Ph.D., Boston University, Associate Professor, Philosophy (1965)
William F. Thompson, Ph.D., University of Arkansas, Associate Professor, Economics (1981)
Daniel E. Thornburgh, Ed.D., Indiana University, Professor, Journalism (1959)
Laurence C. Thorsen, Ph.D., University of Illinois, Professor, Political Science (1968)
James A. Tidwell, J.D., University of Louisville, Associate Professor, Journalism (1987)
Kathryn Timblin, M.A., Eastern Illinois University, Instructor, Mathematics (1988)
Robert C. Timblin, A.M., University of Illinois, Assistant Professor, Sociology/Anthropology (1960)
Benjamin F. Timson, Ph.D., Washington State University, Assistant Professor, Physical Education (1987)
Donald F. Tingley, Ph.D., University of Illinois, Professor, History (1953) (Part-time)
Morteza Toosi, S.C.T., Murray State University, Assistant Professor, Technology (1986)
Jill Tornowski, M.S., Eastern Illinois University, Instructor, Physical Education (1988)
Donald C. Tracy, M.M., University of Michigan, Professor, Music (1968)
Clayton E. Tucker-Ladd, Ph.D., University of Iowa, Professor, Psychology (1974)

V

Donald G. VanDusen, M.A., Eastern Illinois University, Instructor, Mathematics (1987) (Part-time)
Mary E. Varble, M.Ed., University of Arkansas, Assistant Professor, Elementary and Junior High School Education (1988)
Tammy F. Veach, M.A., Eastern Illinois University, Instructor, English (1988)
Stuart P. Vincent, M.S., University of Nebraska, 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, M.A., University of Manitoba, Assistant Professor, Economics (1988)
Barbara A. Walker, M.S.Ed., Southern Illinois University, Assistant Professor, Health Studies (1986)
C. Lankford Walker, Ph.D., University of Georgia, Associate Professor, Accountancy, Data Processing and Finance (1987)
Ronald G. Wallace, Ph.D., The Ohio State University, Professor, Geology/Geography* (Chair through December 31, 1988) (1970)
John A. J. Walstrom, Ph.D., University of Nebraska, Professor, Accountancy, Data Processing and Finance (1984)
Willis O. Waltman, Ed.S., Eastern Illinois University, Associate Professor, Library (1969)
Richard A. Wandling, Ph.D., Miami University, Instructor, 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, Instructor, Communication Disorders and Sciences (1985)
Charles W. Watson, M.A., Western Kentucky State College, Assistant Professor, Technology (1965)
Gerald E. Weaver, M.A., University of Mississippi, Assistant Professor, Speech Communication (1987)

Margaret L. Weaver, Ph.D., University of Illinois, Associate Professor, Mathematics (1980)
Michael L. Weaver, M.B.A, Eastern Illinois University, Instructor, Management/Marketing (1979)
David D. Weber, B.S., Weber State College, Lecturer, Intercollegiate Athletics (1987)
Mary L. Weber, M.S., University of California, Associate Professor, Physical Education (1970)
Robert C. Weber, Ed.D., University of Utah, Assistant Professor, Physical Education (1987)
Russe A. Weber, M.S., Eastern Illinois University, Instructor, Home Economics (1986)
William V. Weber, Ph.D., University of Kansas, Assistant Professor, Economics (1988)
Marilen Wegner, M.Ed., National College of Education, Instructor, English (1988)
Robert W. Weidner, Ph.D., University of Rochester, Professor, Music (1965)
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)
Ralph B. Weller, Ph.D., University of Nebraska, Associate Professor, Management/Marketing (1983)
Robert L. Wells, Ph.D., University of Oregon, Assistant Professor, Special Education (1988)
Terry L. West, M.A., Southwest Missouri State University, Instructor, Speech Communication (1987)
Sandra Westbrooks, Ph.D., Indiana State University, Associate Professor, Student Teaching (1979)
Robert V. Wharton, Ph.D., Columbia University, Professor, English (1956)
John A. Whisler, M.A.L.S., University of Iowa, Associate Professor, Library (1981)
Karen L. Whisler, M.L.S., University of Hawaii, Instructor, Library (1987)
Richard A. White, Ed.D., University of Illinois, Associate 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, Associate Professor, Sociology/Anthropology* (1975)
Earnest B. Whitworth, M.F.A., Rutgers University, Assistant Professor, Art (1987)
Patricia A. Widder, B.S., Florida State University, Instructor, Mathematics (1986)
Carl E. Wilen, M.F.A., University of Illinois, Professor, Art (1965)
Roger G. Wiley, M.A., Louisiana State University, Associate Professor, Speech Communication (1964)
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, Associate Professor, Mathematics (1964)
Michael D. Wilson, M.B.A., Eastern Illinois University, Instructor, Management/Marketing (1983)
Richard L. Wise, A.M., University of Illinois, Assistant Professor, Geology/Geography (1976) (Part-time)
Robert C. Wiseman, Ed.D., Indiana University, Professor, Secondary Education and Foundations (1958)
William Witsman, M.A., Eastern Illinois University, Instructor, Mathematics (1984) (Part-time)
Mary D. Wohlrabe, M.A., Northern Illinois University, Assistant Professor, Journalism (1981)
Ronald T. Wohlstein, Ph.D., University of Illinois, Professor, Sociology/Anthropology (1970)
Keith Wolcott, Ph.D., University of Iowa, Assistant Professor, Mathematics (1988)
Kevin J. Wold, M.S., Eastern Illinois University, Lecturer, Intercollegiate Athletics (1985)
M. Thomas Woodall, Ph.D., The University of Iowa, Professor, Physical Education (1965)
Ken L. Wooddell, B.A., University of Illinois, Lecturer, Speech Communication (1988) (Part-time)
Deborah A. Woodley, M.S., Eastern Illinois University, Instructor, Technology (1986)
Susan Woods, M.S., University of Illinois, Associate Professor, Health Studies (1976)
Loretta Kaye Woodward, Ed.D., University of Arkansas, Assistant Professor, Home Economics (1986)
Charles W. Wootton, D.B.A, Mississippi State University, Associate Professor, Accountancy, Data Processing and Finance (1988)
Thomas Worthen, M.A., Eastern Illinois University, Assistant Professor, Speech Communication (1984)
Glenn P. Wright, Ph.D., University of North Carolina, Associate Professor, English (1977)

Y

Marina Su-Chin Yu, Ed.S., Eastern Illinois University, Associate Professor, Physical Education (1966)

Z

Anne R. Zahlan, Ph.D., University of North Carolina at Chapel Hill, Associate Professor, English (1984)
Janet K. Zielke, M.A., Eastern Illinois University, Instructor, Speech Communication (1988)
U. Douglas Zimmerman, Ph.D., University of Missouri, Associate Professor, Botany (1982)
Gary L. Zwicky, D.M.A., University of Illinois, Professor, Music (1966)

SPECIAL PROJECTS

Robin G. Bagwell, B.S., Eastern Illinois University, Service Coordinator, Peace Meal (1984)
Donnita Barton-Dulania, M.P.A., Sangamon State University, Program Coordinator, IOICC (1980)
Sherry S. Bossert, B.A., Eastern Illinois University, Information Specialist, Traffic Safety Program (1988)
Robert E. Brinkmeier, M.S., Northern Illinois University, Program Consultant, Building Fairness Grant (1985)
Richard E. Cavanaugh, B.S.Ed., Eastern Illinois University, Information Specialist, Traffic Safety Program (1982)
Julie M. Coartney, B.S., Eastern Illinois University, Administrative Assistant, IOICC (1988)
Patricia L. Cox, B.A., Sangamon State University, Training Coordinator, IOICC (1982)
Mitchell D. Daniels, B.A., Sangamon State University, Program Coordinator, IOICC
Robert Dunbar, B.S., Eastern Illinois University, Information Specialist, Traffic Safety Program (1988)

J. Clark Esarey, Adv.C., University of Illinois, Program Consultant, Public Private Partnership Program (1979)
Anthony G. Fricano, B.S., Eastern Illinois University, Program Coordinator, Traffic Safety Program (1979)
Gail D. Grissom, A.A.S., Lake Land College, Administrative Assistant, Peace Meal (1987)
Tracy A. Hall, B.A., Eastern Illinois University, Information Specialist, Traffic Safety Program (1988)
Marsha Jaeggi, B.A., Sangamon State University, Program Coordinator, IOICC (1981)
Alice Jane Johnson, Administrative Assistant, Peace Meal (1976)
Dorothy M. Lawson, M.S.Ed., Eastern Illinois University, Program Coordinator, Public Private Partnership Program (1979)
Michael A. Leitschuh, B.A., Eastern Illinois University, Information Specialist, Traffic Safety Program (1987)
Catherine M. Lentz, B.A., Eastern Illinois University, Assistant Director, Peace Meal (1984)
Leona M. Lucas, B.S., Eastern Illinois University, Nutritionist, Peace Meal (1978)
Becky S. Markweli, B.A., Eastern Illinois University, Program Coordinator, Traffic Safety Program (1983)
G. Richard McKenzie, M.B.A., Drexel University, Assistant to the Executive Director, IOICC (1983)
Margaret Messer, B.S., Berea College, Assistant Director, Peace Meal (1977)
Deborah R. Paul, B.S., North Georgia College, Program Coordinator, IOICC (1984)
Erin L. Peters, Information Specialist, Traffic Safety Program (1988)
Sandra K. Pfeiffer, B.S., Eastern Illinois University, Service Coordinator, Peace Meal (1985)
Barbara A. Seagren, B.S., Eastern Illinois University, Assistant Director, Peace Meal (1976)
Laura D. Sleade, B.A., Millikin University, Service Coordinator, Peace Meal (1987)
A. Louise Smith, Administrative Assistant, IOICC (1983)
Jan J. Staggs, M.S., Sangamon State University, Executive Director, IOICC (1980)
Nancy Stoutenborough, B.S., Eastern Illinois University, Assistant Director, Peace Meal (1984)
Michael L. Strader, B.S.Ed., Eastern Illinois University, Project Director, Peace Meal (1976)
Teresa L. Tudor, B.S., Eastern Illinois University, Information Specialist, Traffic Safety Program (1988)
Linda C. Warfel, B.S. in Ed., Eastern Illinois University, Faculty Assistant, Illinois Coal Research Board Grant (1984)

ADJUNCT FACULTY MEDICAL TECHNOLOGY

Philip H. Bousley, M.A., M.T. (ASCP), Instructor (1986)
Basil Bradlow, M.D., Professor (1988)
Sharon Burke-Bugaj,M.D., Professor (1986)
Jane Hoegl, Ed.M., M.T. (ASCP), Instructor (1986)
Cheryl Hultman, M.S., M.T. (ASCP), Lecturer (1988)
C. E. Kelly, M.D., Professor (1986)
Lorraine A. Klabunde, M.S., M.T. (ASCP), Lecturer (1986)
Barbara Jean Kretzer, B.A., M.T. (ASCP), Lecturer (1986)
C. James Lafler, M.D., Professor (1988)
Claudia Miller, M.T. (ASCP), C.L.S., M.A., Lecturer (1988)
Mark C. Mills, M.D., Professor (1986)
Cathy Moewe, B.S., M.T. (ASCP), Lecturer (1986)
Connie Myers, B.S., M.T. (ASCP), Lecturer (1986)
Mary O'Brien, M.S., M.T. (ASCP)SH, Lecturer (1986)
Takaski Okuno, M.D., Professor (1988)
A.H. Remedios, M.D., Professor (1986)
Gilma Roncancio, M.T. (ASCP), Instructor (1988)
Lorinda Schiller, Instructor (1986)
Peter J. Soto, M.D., Professor (1986)
Judith Sutherland, M.A., M.T. (ASCP), Instructor (1986)
John J. Taraska, M.D., Professor (1986)
Donald Van Fossan, M.D., Professor (1986)
Janet Visintine, B.S., M.T. (ASCP), Lecturer (1986)

EMERITUS FACULTY

Presidents

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Daniel E. Marvin, Jr., Ph.D.

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Martin Schaefer, Ph.D., Administrative Affairs
William H. Zeigel, Ph.D., Administrative Affairs

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Zeno E. Bailey, Ph.D.
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Harold M. Cavins, Ed.D.
H. Logan Cobb, Ph.D.
George Cooper, Ph.D.
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George L. Cunningham, Ph.D.
M. Marise Daves, Ed.D.
Earl S. Dickerson, Ed.D.
Alphonso J. DiPietro, Ph.D.
Ernest E. Dolson, Ph.D.
Earl Doughty, Ph.D.
Arthur U. Edwards, Ph.D.
Gladys W. Ekeberg, Ph.D.
Clifford Erwin, D.Ed.
Clifford Fagan, Ph.D.
Max Ferguson, Ph.D.
Thomas W. Floyd, Ed.D.
M. Lorraine Flower, Ph.D.
Ewell W. Fowler, Ed.D.
E.G. Gabbard, Ph.D.
Lucina P. Gabbard, Ph.D.
Walter C. Garland, Ph.D.
James F. Giffin, Ph.D.
Carl Green, Ed.D.
William E. Green, Ph.D.
Raymond V. Griffin, Ed.D.
John C. Guckert, Ph.D.
Kevin Guinagh, Ph.D.
Edith C. Haight, Ph.D.
Lavern M. Hamand, Ph.D.
Robert Hancock, Ph.D.
Dorothy M. Hart, Ph.D.
Evelyn Haught, Ph.D.
Arthur Hoffman, Ph.D.
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Ann E. Jackson, D.Ed.
June Johnson, D.M.A.
Tom Katsimpalis, Ed.D.
E. Chenault Kelly, D.Ed.
Leo L. Kelly, Ph.D.
Paul F. Kirby, Ph.D.
Walter A. Klehm, Ed.D.
Judd Kline, Ph.D.
Verne Kniskern, Ph.D.
Cary I. Knoop, M.F.A.
Harry R. Larson, Ed.D.
Glenn Q. Lefler, Ph.D.
Walter S. Lowell, Ed.D.
John N. Maharg, D.Ed.
John W. Masley, Ed.D.
Gerhard C. Matzner, Ph.D.
Walter H. McDonald, Ph.D.
F. Raymond McKenna, Ed.D.
John Mertes, D.B.A.
Elizabeth Michael, Ph.D.
Martin M. Miess, Ph.D.
Donald L. Moler, Ph.D.
John T. Moore, D.B.A.
Herbert O. Morice, Ed.D.
Byron E. Munson, Ph.D.
Maynard O'Brien, Ed.D.
Marie Ovcharenko, Ph.D.
J. Robert Pence, Ed.D.
Stuart Penn, Ph.D.
Harry E. Peterka, Ph.D.
LeRoy Peterson, Ph.D.
Nicholas C. Petridis, Ph.D.
Raymond Plath, Ph.D.
Dalias A. Price, Ph.D.
Hugh C. Rawls, Ph.D.
Mary Jo Read, Ph.D.
Jack J. Richardson, Ph.D.
Harland Riebe, Ed.D.
Garland Riegel, Ph.D.

Professors Cont.

William G. Riordan, Ph.D.
John L. Roberts, Ph.D.
James H. Robertson, Ed.D.
George Rommel, Ph.D.
Roscoe F. Schaupp, Ph.D.
Lahron Schenke, Ed.D
Glenn H. Seymour, Ph.D.
Marion Shuff, Ed.D.
Robert Shuff, Ph.D.
Carl E. Shull, Ph.D.
Catherine Smith, D.Mus.
Robert J. Smith, Ph.D.
Ruby Smith, Ph.D.
Henry Stackhouse, Ed.D.
Ray Stapp, D.Ed.
Sidney R. Steele, Ph.D.
Verne Stockman, Ed.D.
Mary Ruth Swope, Ed.D.
Virginia Tefft, Ed.D.
Wayne L. Thurman, Ph.D.
Donald F. Tingley, Ph.D.
Lynn E. Trank, Ph.D.
Robert Waddell, Ph.D.
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