

1989

1989-1990 Southern Illinois University Bulletin Carbondale Campus (Counselor's Advisement Catalog)

Southern Illinois University Carbondale

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Southern Illinois University
at Carbondale

BULLETIN

1989 - 90

Counselor's
Advisement
Catalog

SIU



Southern Illinois
University
at Carbondale
BULLETIN

1989-90
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Catalog



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at Carbondale Bulletin (USPS 506-080)

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TABLE OF CONTENTS

University Calendar	3
Campus Map	4
Campus	6
University Directory.	7
 GENERAL INFORMATION	 8
General (Environment, University, Student Body, Degrees)	8
Accreditation	9
Undergraduate Major Listing	10
Application Request Procedures	11
Admission Policies - High School.	12
Admission Policies - Transfer Student	13
Admission Policies - Other.	14
Housing	18
Registration and Advisement	20
Pre-Advisement Math Testing	21
Costs	22
Financial Assistance	23
Student Services/Activities/Athletics	25
Intercollegiate Athletics	29
Motor Vehicles	31
 ACADEMIC INFORMATION	 32
Recognition of High Achievement	32
Program Flexibility (Advanced Placement, CLEP, Proficiency, Credit for Work)	32
Special Programs.	35
Scholastic Standards	39
Basic Graduation Requirements	40
General Studies for the Transfer Student	41
Evaluation of Transfer Credit	45
 INSTRUCTIONAL UNITS.	 47
Pre-Professional Programs.	47
Undergraduate Academic Services.	48
College of Agriculture	49
College of Business and Administration	50
College of Communications and Fine Arts	53
College of Education	54
College of Engineering and Technology	56
College of Human Resources	57
College of Liberal Arts	57
College of Science	58
College of Technical Careers	59
Graduate School	60
School of Law	61
School of Medicine	61
Aerospace Studies (AFROTC)	62
Army Military Science	63
 Entry Level Job Titles	 64
 RECOMMENDED TWO-YEAR PROGRAMS	 65
 Index	 229
 Visits to Campus	 232
 For Additional Information	 232

Southern Illinois University at Carbondale is an Equal Opportunity/Affirmative Action institution in accordance with Civil Rights legislation and does not discriminate on the basis of race, religion, national origin, sex, age handicap or other factors prohibited by law in any of its educational programs, activities, admissions or employment practices. Concerns regarding this policy should be referred to the Affirmative Action Office, Southern Illinois University, Anthony Hall, Room 104, telephone 536-6618.

UNIVERSITY CALENDAR

Fall Semester 1988

Fall Orientation
Semester Classes Begin
Labor Day Holiday
Thanksgiving Vacation

Wednesday, August 17-Sunday, August 21
Monday, August 22, 8:00 a.m.
Monday, September 5
Saturday, 12:00 noon--Monday, 8:00 a.m.
November 19-November 28
Monday-Friday, December 12-16

Spring Semester 1989

Martin Luther King, Jr.'s Birthday Holiday
Semester Classes Begin
President's Day Holiday
Spring Vacation

Monday, January 16
Tuesday, January 17, 8:00 a.m.
Monday, February 20
Saturday, 12:00 noon-Monday, 8:00 a.m.,
March 11-20
Monday-Friday, May 8-12
Saturday, May 13 and Sunday, May 14

Summer Session 1989--Proposed

Eight Week Session Begins
Independence Day Holiday
Final Examinations
Commencement

Monday, June 12, 7:30 a.m.
Tuesday, July 4
Thursday and Friday, August 3-4
Saturday, August 5

Fall Semester 1989--Proposed

Semester Classes Begin
Labor Day Holiday
Thanksgiving Vacation

Monday, August 21, 8:00 a.m.
Monday, September 4
Saturday, 12:00 noon--Monday, 8:00 a.m.,
November 18 - November 27
Monday--Friday, December 11-15

Final Examinations

Spring Semester 1990--Proposed

Martin Luther King Jr.'s Birthday Holiday
Semester Classes Begin
President's Day
Spring Vacation

Monday, January 15
Tuesday, January 16, 8:00 a.m.
Monday, February 19
Saturday, 12:00 noon--Monday, 8:00 a.m.,
March 10-19
Monday--Friday, May 7-11
Saturday, May 12 & Sunday, May 13

Final Examinations
Commencement



Southern Illinois University
at Carbondale

LEGEND

Old Campus

1. Old Main Site
2. Altgeld Hall (1896)
3. Wheeler Hall (1904)
4. Allyn Building (1908)
5. Anthony Hall (1913)
6. Shryock Auditorium (1918)
7. Davies Gymnasium (1925)
8. Parkinson Laboratory (1928)
9. McAndrew Stadium (1938)

New Campus

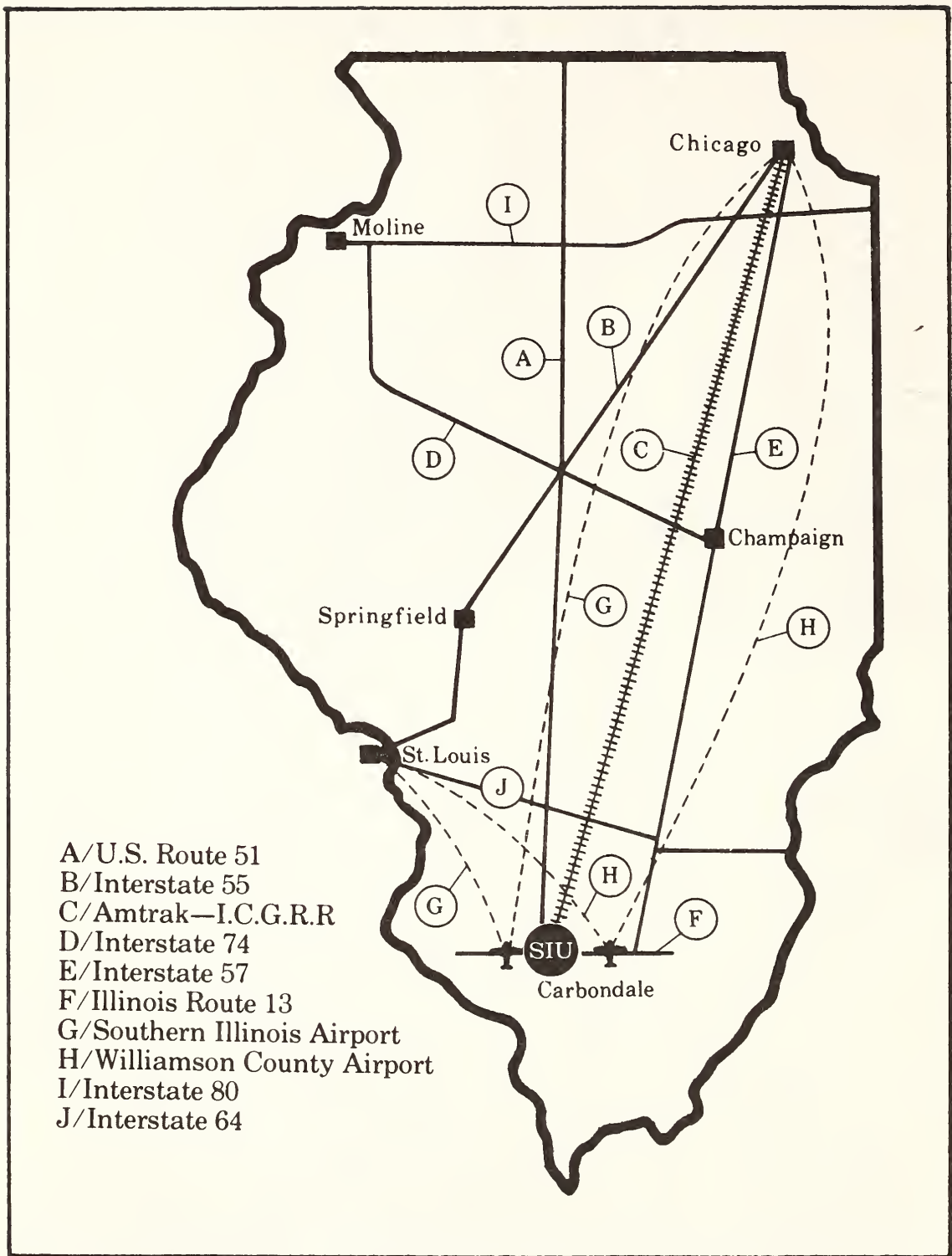
10. Pulliam Hall (1951)
12. Woody Hall (1953)
13. Lindegren Hall (1953)
14. Morris Library (1956)
15. Thompson Point Residence Halls (1957)
16. Agriculture Building (1957)
17. Quigley Hall (1959)
18. Southern Hills Family Housing (1960)
19. Greek Row (1960)
20. Student Center (1961)
21. SIU Arena (1964)
22. Wham Education Building (1964)
23. University Park Residence Halls (1965)
24. Lawson Hall (1965)
25. Communications Building (1966)
26. Health Service (1966)
27. Technology Buildings (1966)
28. Henry J. Rehn Hall (1967)
29. James W. Neckers Building (1968)
30. Evergreen Terrace Family Housing (1968)
31. Washington Square (1967)
32. Brush Towers Residence Halls (1968)
33. Life Science II (1971)
34. President's Home (1971)
35. Faner Building (1973)
36. Student Recreation Center (1977)
37. College of Technical Careers Building (1978)
38. Hiram H. Lesar Law Building (1981)

Schools, Colleges, and Programs

- College of Agriculture 16
College of Business and Administration 28
College of Communications and Fine Arts 25
College of Education 22
College of Engineering and Technology 27
Graduate School 12
College of Human Resources 17
School of Law 19, 38
College of Liberal Arts 35
School of Medicine 13
College of Science 29
College of Technical Careers 11, 37
Undergraduate Academic Services 12

Offices

- Anthony Hall 5
President's Offices
Woody Hall 12
Admissions and Records
Bursar Office (Fee Payment)
Career Counseling
Career Planning and Placement Center
Counseling Center
Disabled Student Services
Graduate Studies and Research
International Education
New Student Admission Services
Student Services
Student Work and Financial Assistance
Undergraduate Academic Services
Student Center 20
Book Store
Cafeteria
Information Desk
Washington Square 31
Housing Business Services
Parking Division



CAMPUS

The original eight-building campus with its Gothic architectural tradition is now completely surrounded by a sprawling modern 1128-acre campus with a maze of paths, impressive buildings, and attractive residence halls. Even though the original campus still serves as a focal point of study and university tradition, the prevailing design of the 255-building campus now is contemporary. Facilities vary in style, size, and purpose from a circular 10,000-seat arena, to an eight-sided multimedia instruction center, 17-story high-rise residence halls, and a permanent beach house on the 40-acre spring-fed campus lake.

Oriented to teaching and research, the University provides a balance of laboratories and classrooms which serve as satellites to the impressive 7-story Morris Library containing over 1.9 million volumes and subscribing to 23,000 current periodicals.

Additional facilities include the College of Technical Careers' Carterville campus some ten miles east, the Southern Illinois Airport three miles west, laboratories at Little Grassy Lake, and University Farms.

UNIVERSITY DIRECTORY

Listed below are the various offices, schools and colleges which are available to aid counselors, prospective students, and parents in answering questions which may not be within the scope of the various University publications. Please feel free to direct inquiries to the appropriate areas.

The general University telephone number is (618) 453-2121. The mailing address is Southern Illinois University at Carbondale, Carbondale, Illinois 62901.

OFFICES

SIUC (University Switchboard)	(618) 453-2121
Admissions and Records	(618) 453-4381
Aerospace Studies (AF-ROTC)	(618) 453-2481
Airport, Southern Illinois	(618) 529-2681
Army Military Science (Army ROTC)	(618) 453-5786
Athletics, Intercollegiate for Men	(618) 453-5311
Athletics, Intercollegiate for Women	(618) 536-5566
Athletics, Tickets	(618) 453-5319
Bursar (payment of fees)	(618) 453-2221
Continuing Education	(618) 536-7751
Counseling Center	(618) 453-5371
Disabled Student Services	(618) 453-5738
Health Service	(618) 453-3311
Housing Business Services (on-campus housing)	(618) 453-2301
Housing Information Services (off-campus housing)	(618) 453-2301
International Development	(618) 453-5774
New Student Admission Services	(618) 536-4405
(Illinois residents call toll free)	(800) 642-3531
Parking Division	(618) 453-5369
Student Development	(618) 453-5714
Student Life	(618) 536-2338
Student Services	(618) 453-2374
Student Work and Financial Assistance	(618) 453-4334
Testing Center (CLEP, Placement/Proficiency, ACT Residual)	(618) 536-3303
University Publications and Graphic Services	(618) 536-3325
University Honors	(618) 453-2824
University Ombudsman	(618) 453-2411

SCHOOLS AND COLLEGES

Agriculture, College of (Agriculture Building)	(618) 453-2469
Business and Administration, College of (Rehn Building)	(618) 453-3328
Communications and Fine Arts, College of (Communications Building)	(618) 453-4308
Education, College of (Wham Education Building)	(618) 453-2415
Engineering and Technology, College of (Technology Building)	(618) 453-4321
Undergraduate Academic Services (Woody Hall)	(618) 536-5506
Graduate Studies and Research (Woody Hall)	(618) 536-7791
Human Resources, College of (Quigley Building)	(618) 453-2251
Law, School of	(618) 536-7711
Liberal Arts, College of (Faner Building)	(618) 453-2466
Medicine, School of (Wheeler Building)	(618) 536-5511
Science, College of (Neckers Building)	(618) 536-6666
College of Technical Careers (Technical Careers Building)	(618) 536-6682

GENERAL INFORMATION

ENVIRONMENT

Community: Carbondale, Illinois (pop. 26,400)
Location in State: Southern Illinois (Jackson County)
Miles from: St. Louis, 110; Chicago, 330; New York, 960; San Francisco, 2,140.
Terrain: Slightly rolling (elevation 400-500 feet).
Climate: Pleasant and mild year-round temperature, mean annual temperature 57.0 degrees.
Area: Historical "Little Egypt," year-round outdoor recreation, four scenic large lakes, national forest and game refuge.
Transportation: Major train, plane, and bus routes: Amtrak Rail System; Prime Air, TWA; SIUC Air Institute Charter Service; highway routes Interstate 57, US 51, Illinois 13.

UNIVERSITY

Name: Southern Illinois University at Carbondale
Founded: 1869
President: John C. Guyon
Campus Location: Southwest corner of the community
University telephone number: 618-453-2121
Type: Public state university of the Southern Illinois University system
Student Body: Co-ed
Curriculum: Undergraduate, graduate, and professional
Calendar: Early semester (Fall and Spring), Summer session
Campuses: Carbondale; College of Technical Careers' Carterville Campus; Southern Illinois Airport; outdoor laboratories; university farms
Acreage: 7,253; on-campus 1128 acres
Campus Buildings: 255
Colors: Maroon and white
Mascot: Saluki (Egyptian hunting dog)

STUDENT DATA

Enrollment, Fall 1987: 24,160
Undergraduate, 19,944; graduate, 3,652; Professional 564;
Men, 15,033; Women, 9,127
Residency: Illinois 19,166 (80%); out-of-state 3,205 (13%); 97 other countries, 1,789 (7%)

PERSONNEL, 1987

Percentage full-time faculty with doctorate: 68%
Undergraduate student/faculty ratio: 18:1

DEGREES

Undergraduate: Associate: A.A.S.; Baccalaureate: B.A., B.S., B. Mus., B.F.A.
Graduate: M.Acc., M.A., M.B.A., M.F.A., M. Mus., M.P.A., M.S., M.S. Ed.;
Specialist Degree (6 yr.); Ph.D., Rh.D., D.B.A., M.D., J.D.

ACCREDITATIONS AND AFFILIATIONS

American Association of Museums
The Association of American University Presses
North Central Association of Colleges and Secondary Schools
Honors Council of the Illinois Region (HCIR)
Liaison Committee on Medical Education of the American Medical Association and the
Association of American Medical Colleges
Association of Research Libraries
National Shorthand Reporters Association
Photo/Marketing Association International
Association of Collegiate Schools of Architecture
American Institute of Architects
National Collegiate Honors Council
Upper Midwest Honors Council
Association of University Programs in Health Administration (AUPHA)
American Association of Airport Executives (AAAE)
Federal Aviation Administration
National Fire Protection Association
Western Association Accreditation
National Institute for Automotive Service Excellence
Illinois Department of Registration and Education
National League for Nursing
Committee on Allied Health Accreditation (CAHEA) of the American Medical Association and
the Joint Review Committee for Radiologic Technology Education
CAHEA and the Joint Review Committee for Respiratory Therapy Education
American Physical Therapy Association
American Chemical Society
American Institute of Professional Geologists
Illinois State Board of Education
American Board of Funeral Service Education
Commission on Dental Accreditation of the American Dental Association
American Bar Association
National Association of Schools of Public Affairs and Administration
American Psychological Association
American Association for Accreditation of Laboratory Animal Care
Accredited Board for Engineering and Technology (ABET)
Council on Social Work Education
Commission on Accreditation of Rehabilitation Institute
Council on Rehabilitation Education
Association of American Law Schools
National Recreation and Parks Association (National Accreditation Council)
University Council for Vocational Education
National Association of Industrial Technology (NAIT)
American Board of Examiners in Speech Pathology and Audiology
National Association of Schools of Art and Design
National Association of Schools of Music
National Council for Accreditation of Teacher Education
American Library Association
National Athletic Trainers Association (NATA)
Society of American Foresters (SAF)
Accreditation Council of the American Assembly of Collegiate Schools of Business
Accrediting Council on Education in Journalism and Mass Communications
American Dietetic Association
Connecticut State Board of Education
Illinois Certification Boards, Inc.
House of Delegates of the American Bar Association

UNDERGRADUATE CURRICULA AND COURSES

Accounting	Food and Nutrition
Administration of Justice	Foreign Language and International Trade
Advanced Technical Studies	Forestry
African Studies ¹	French
Aging Studies ¹	Geography
Agribusiness Economics	Geology
Agriculture, General	German
Allied Health Careers Specialties*	Greek ^{1,3}
Animal Science	Health Care Management
Anthropology	Health Education
Aquatics ^{1,4}	History
Architectural Technology*	Industrial Technology
Art	Interior Design
Asian Studies	Japanese ^{1,3}
Athletic Training ^{1,4}	Journalism
Automotive Technology*	Language Arts (English and Reading)
Aviation Flight*	Latin ^{1,3}
Aviation Maintenance Technology*	Law Enforcement*
Aviation Management	Linguistics
Avionics Technology*	Management
Biological Sciences	Marketing
Black American Studies ¹	Mathematics
Botany	Mechanical Engineering
Business and Administration	Microbiology
Business Economics	Mining Engineering
Chemistry	Mortuary Science and Funeral Service*
Child and Family Services ¹	Museum Studies ¹
Chinese ^{1,3}	Music
Cinema and Photography	Paralegal Studies for Legal Assistants
Civil Engineering	Philosophy
Classical Civilization ¹	Photographic Production Technology*
Classics	Physical Education
Clothing and Textiles	Physical Therapist Assistant*
Coaching ^{1,4}	Physics
Commercial Graphics - Design*	Physiology
Communication Disorders and Sciences	Plant and Soil Science
Community Development ¹	Political Science
Comparative Literature ¹	Psychology
Computer Information Processing*	Radio-Television
Computer Science	Radiologic Technology*
Construction Technology*	Recreation
Consumer Economics and Family Management	Religious Studies
Consumer Studies ¹	Respiratory Therapy Technology*
Dental Hygiene*	Russian
Dental Technology*	Secretarial and Office Specialities*
Design	Social Studies
Early Childhood	Social Work
Earth Science ¹	Sociology
East Asian Civilization ^{1,3}	Spanish
Economics	Special Major
Educational Media ¹	Special Education
Electrical Engineering	Speech Communication
Electronics Management	Theater
Electronics Technology*	Tool and Manufacturing Technology*
Elementary Education	Uncommon Languages ^{1,2}
Engineering	University Studies
Engineering Technology	Vocational Education Studies
English	Women's Studies ¹
Equine Studies ¹	Zoology
Finance	
Fire Science Management	
<u>Pre-Professional Programs</u> ⁵	
Pre-Dentistry	Pre-Osteopathy
Pre-Law	Pre-Pharmacy
Pre-Medicine	Pre-Physical Therapy
Pre-Nursing	Pre-Podiatry
Pre-Optometry	Pre-Veterinary Science

*Associate degree curriculum.

¹Minor only.

²Described under Linguistics.

³Described under Foreign Languages.

⁴Described under Physical Education.

⁵Preparatory to applying to professional schools. These are non-degree programs.

APPLICATION REQUEST: ADMISSION PROCEDURES

To request undergraduate admission application materials, write to:

New Student Admission Services
Southern Illinois University at Carbondale
Carbondale, Illinois 62901-4710

or call toll free (Illinois residents) 800-642-3531. Direct, call (618) 536-4405.

Counselors may request application packets in small quantities. Rolling admissions process:
NO DEADLINE. APPLICATION FEE: NONE.

ACT/APP

Beginning freshmen can simplify their admission to SIUC by indicating at the time they write the American College Test (ACT) that their test scores should be sent to Southern Illinois University at Carbondale (college code 1144). Students who take the ACT during national test dates and send their scores to us do not have to initiate the application for admission. Once we are in receipt of a student's test scores, we will contact that student automatically. Students who score 19 or higher on the ACT will receive a preprinted application called ACT/APP. To finalize admission, the ACT/APP must be returned to us along with an official copy of the student's transcript.

Students who have sent ACT scores of less than 19 but greater than 15 will be sent an undergraduate admission application. This document must be completed and returned to the Admissions Office with a copy of the student's transcript.

All students who do not send ACT scores as a result of the national test dates must apply through the traditional application for admission process (details described below).

REQUIRED MATERIALS AND PROCEDURES

HIGH SCHOOL APPLICANTS

Freshman may be considered for admission any time following their sixth semester in high school. Prospective high school students should submit:

1. Completed and signed application forms or ACT/APP.
2. Two copies of the high school transcript signed with school seal, class rank, and if available, ACT scores.
3. Official ACT scores (from Iowa City).

G.E.D. APPLICANTS

Eligible G.E.D. applicants will be considered for admission upon submission of the following materials.

1. Completed and signed application forms.
2. High school transcript.
3. Official G.E.D. results.
4. Official ACT scores (required of students less than 21 years of age).

NOTE: Students who did not request the results of the ACT examination be sent to SIUC (code 1144) at the time they registered for the exam must request that supplemental scores be sent to SIUC by contacting ACT, P.O. Box 451, Iowa City, Iowa 52240.

TRANSFER STUDENTS

Transfer students may be considered for admission as early as one year in advance of their intended enrollment at SIUC or as late as the beginning of each semester. Transfer students who will have at least 26 semester hours or 39 quarter hours prior to entering SIUC will be considered for admission upon submission of the following materials:

1. Completed and signed application forms.
2. Official transcripts from each institution attended after high school.

Transfer students who will have less than 26 semester or 39 quarter hours prior to entering SIUC may also be considered for admission as early as one year in advance provided they are in their first term at a college and qualify for admission as beginning freshmen. Students will be considered for admission upon submission of the following materials:

1. Completed and signed application forms.
2. Official transcript from each institution attended after high school.
3. High school transcript (2 copies).
4. Official ACT scores.

All students transferring from a non-regionally accredited institution must also submit a high school record and ACT scores regardless of hours completed, degrees earned, or grade point average. All students who are required to submit a high school record; those who did not graduate from high school should submit results of the G.E.D. examination and their incomplete high school record.

New Student Admission Services assists high schools and community colleges by providing representatives for college day and night programs, counseling prospective students, visiting schools and colleges on request, distributing university materials, and providing general assistance to counselors. Counselors should feel free to contact members of this staff any time when information or materials are needed.

New Student Admission Services
Southern Illinois University at Carbondale
Carbondale, Illinois 62901-4710
Phone: 618-536-4405
Toll Free (Illinois Residents) 800-642-3531

Tom McGinnis	Director
Tammy Cavarretta	Counselor
Shelly Gimenez	Counselor
Dianna King	Counselor
Brenda Major	Counselor
Debbie Perry	Counselor
Bob Quane (Chicago area)	Counselor
Linda Schuette	Counselor
Celeste Sullivan	Counselor

ADMISSION POLICIES, REQUIREMENTS

ADMISSION OF FRESHMEN

To be eligible for admission, applicants must be graduates of recognized high schools. Graduates of non-recognized high schools may be admitted to the University by completing successfully the General Educational Development Test or an entrance examination. Persons who have not completed high school may also qualify for admission by completing the GED test provided they meet the requirements to write this examination.

All admissions granted students while in high school are subject to the completion of high school work and graduation.

Students entering the University as freshmen are enrolled in the academic unit within the University that offer the academic programs they indicate they plan to pursue. Students who are undecided as to the course of study they want to follow are enrolled in Undergraduate Academic Services as a pre-major student.

ADMISSION OF FRESHMEN TO BACCALAUREATE PROGRAMS

For engineering majors, see page 15, for College of Business and Administration majors, see page 50, for Radio-Television majors, see page 197.

Applicants seeking admission to a baccalaureate program who have an ACT composite score of 19 or higher (SAT 810) are eligible for admission any semester. In addition, high school graduates who rank in the upper half of their graduating classes and who score a minimum ACT composite of 16 or higher (SAT 720) are also eligible for admission any semester.

A limited number of applicants who do not meet the University's entrance requirements may be granted admission to the fall or spring semesters through a special admission program, the Center for Basic Skills. All applicants who are not admissible by the above requirements will have their applications reviewed automatically for admission to the special program.

ADMISSION OF FRESHMEN TO ASSOCIATE DEGREE PROGRAMS

Students seeking admission into the associate degree programs in the College of Technical Careers can qualify for admission any semester if they rank in the upper two thirds of their graduating class or score a minimum ACT composite score of 16 or higher (SAT 720).

Students seeking admission to Commercial Graphics-Design, Dental Hygiene, Dental Technology, Mortuary Science and Funeral Service, Physical Therapist Assistant, Radiologic Technology or Respiratory Therapy programs must meet University entrance requirements as well as those of the specific programs. Admission to SIUC does NOT insure admission into one of the above two year associate degree programs. Interested counselors/students are urged to contact the individual program coordinators to determine what additional materials may be required for admission. All students will receive further information after their admission to the University.

Students may be admitted only during the fall semester to associate degree programs in Architectural Technology, Dental Hygiene, Physical Therapist Assistant, Commercial Graphics-Design, Dental Technology, Radiologic Technology and Respiratory Therapy.

ADMISSION OF G.E.D. APPLICANTS TO UNIVERSITY PROGRAMS

Non-high school graduates may be considered for admission by satisfactorily passing the G.E.D. examination and submitting all required application materials. Students who are less than 21 years of age are also required to achieve a minimum ACT score of 16 for admission to four-year programs.

ADMISSION OF TRANSFER STUDENTS

For academic purposes, applicants are considered to be transfer students when they present any amount of graded work for transfer consideration which was earned after high school graduation; otherwise, they are considered for admission as new freshmen.

In the event transfer students' grade point averages cannot be determined, their admission may require, in addition to a review of their college performance, standardized examinations and secondary school records.

Transfer students who have been suspended for any reason other than academic failure must be cleared by the Student Life Office before admission will be granted by the director of admissions.

Transfer students will be admitted directly to the academic unit in which their major fields of study are offered. Students who are undecided about their major fields of study will be admitted to the Undergraduate Academic Services division as a pre-major student.

Transfer students from non-baccalaureate oriented programs will ordinarily be placed in the upper division unit in which they plan to continue their studies. Students admitted to associate degree programs of the College of Technical Careers will be enrolled in that academic unit.

ADMISSION OF TRANSFER STUDENTS TO BACCALAUREATE PROGRAMS

For engineering majors, see page 15, for College of Business and Administration majors, see page 50.

Students who have an overall 'C' average as computed by SIUC, 2.0 on a 4.0 scale (all institutions), and are eligible to continue their enrollment at the last institution attended are eligible to be considered for admission for any semester. If a student is seeking admission with fewer than twenty-six semester hours, the applicant will be required to meet the admission requirements of a beginning freshman as well as a transfer student.

Transfer students who have completed a minimum of one year of work (26 semester or 39 quarter hours of credit) can be considered for admission one year in advance of their date of matriculation if they plan to transfer without interruption. Students who have completed less than one year of study may initiate the admission process after the completion of one semester or one quarter of work. Students who are enrolled in a collegiate program for the first time and wish to transfer upon completion of their first term may do so if they meet the University's admission requirements for beginning freshmen. Admission may also be granted one year in advance for selected programs to students who are in their first term of a collegiate program provided they qualify for admission as beginning freshmen. Admission granted to a student on partial or incomplete records is granted with the condition that the student will have maintained an overall "C" average and be eligible to continue at the last school attended. Students whose final transcripts indicate a grade point average or scholastic standing less than that required for unconditional admission will have their initial admission withdrawn.

Students who have graduated with an associate degree in a baccalaureate-oriented program from a two-year institution may enter Southern Illinois University any semester without regard to their average provided they have not taken additional college-parallel work since their graduation. If they have, their admission will be considered on the basis of the University's regular transfer admission standards.

Students applying for admission to the University to pursue baccalaureate programs from programs not so oriented will be considered for admission as follows: 1) a student who has been enrolled in an institution which is accredited by one of the regional accrediting associations or is in candidacy status with one of the regional accrediting associations will be considered for admission on the basis of the regular transfer admission standards and 2) a student who has completed a two-year or equivalent program with a 'C' average in an institution which is not accredited by one of the regional accrediting associations will be admitted if the institution is one recognized by NATTS, AMA, ABET, or similar accrediting bodies recognized by the National Commission on Accrediting or the United States Office of Education. Students who have attended a non-regionally accredited institution and who have not completed two-year or equivalent programs or have less than a C average will be considered for admission as entering freshmen.

Students who have been placed on scholastic probation or academic suspension from another college or university will be considered for admission by the Office of Admissions and Records only if an interruption of education has occurred and there is tangible evidence that additional work can be completed successfully. Tangible evidence might include: 1) an interruption of schooling for one or more years; 2) military experience; 3) work experience; and 4) previous academic performance.

ADMISSION OF TRANSFER STUDENTS TO ASSOCIATE DEGREE PROGRAMS

Students who have an overall "C" average, 2.0 on a 4.0 scale (all institutions), and are eligible to continue their enrollment at the last institution attended will be considered for admission for any semester. If a student is seeking admission with fewer than twenty-six semester hours, the applicant will be required to meet the admission requirements of a beginning freshman as well as a transfer student for unconditional acceptance.

Students who have been placed on scholastic probation or academic suspension from another college or university will be considered for admission by the Office of Admissions and Records only if an interruption of education has occurred and there is tangible evidence that additional work can be completed successfully. Tangible evidence might include: 1) an interruption of schooling for one or more years; 2) military experience; 3) work experience; and 4) previous academic performance.

A student who is admitted to an associate degree program as a transfer student and then decides at a later date to enter a four-year program must meet the University's baccalaureate admission requirements at the time of transfer.

New students may be admitted only for the fall semester to selected majors in the College of Technical Careers. Please consult the admission application guide to determine when new students can be admitted to two-year programs in the College of Technical Careers.

ADMISSION TO THE TEACHER EDUCATION PROGRAM

Students are eligible to make formal application to the program with:

1. A minimum of 30 semester hours of completed work.
2. An overall grade point average of at least 2.50 (4.0 scale).
3. Completion of GE-D 101 and GE-D 117, 118, or 119, and one additional English course (GE-C or English department) with a grade of 'C' or better.
4. An ACT score of 20 or SAT of 840. Conditional admission may be granted to students who do not meet ACT or SAT standards on the basis of the following: completion with a minimum grade of 'C' since entering 9th grade including work taken in college of:
 - a. four years of English and communication skills. Each three semester hour college composition or writing course equates to one year of high school English.
 - b. two years of mathematics sufficient to include the course content of Algebra I. Computer science courses may not be used to satisfy any part of this requirement.
 - c. two years of science. Courses from either the physical or biological sciences will be accepted toward this requirement.
 - d. two years of social studies.
5. Three letters of recommendation from college or university faculty (transfer students may bring letters of recommendation from school(s) previously attended).

Applications must be submitted in person and must be accompanied by verification that all prerequisites have been met. Students are responsible for submitting high school transcripts to the Office of Teacher Education at the time of application. Applications received through the mail will not be considered. Application forms as well as information about the teacher education program are available from the coordinator of teacher education services in the Office of Teacher Education in the Wham Education Building, room 135.

If a student's application is approved after being reviewed by the coordinator of teacher education services, the student is issued a membership card which entitles the student to begin work in the basic professional education courses which are prerequisite to the professional semester of student teaching. At the end of the first semester of membership, the department offering the student's major is requested to submit a recommendation as to whether or not the student should be retained in the program. Criteria for this recommendation are available from the department or the student's adviser. Failure to obtain approval prohibits the student from continuing with the professional education courses and could lead to suspension from the program. In order to remain in the program and complete the requirements for graduation and teacher certification, the student must attain a 2.50 grade point average in the major and receive departmental approval. Both of these requirements must be met before final clearance can be given for a student teaching assignment. Students who are not able to meet the criteria of the teacher education program or their major department will be counseled about alternative programs.

ADMISSION POLICY TO THE COLLEGE OF ENGINEERING AND TECHNOLOGY

First-Time Admission to Engineering (Freshmen):

- A. A student may be admitted to one of the engineering programs unconditionally if he/she fulfills all of the University admission requirements, has an ACT composite score of 23 or greater, and ranks in the upper half of his/her high school graduating class.
- B. Students with an ACT composite score of 19 to 23 must rank in the upper 25% of their graduating class.

C. In addition to A or B above, all incoming freshmen are required to have completed:

3 years of English (4 years are recommended)

3½ years of Mathematics

- a. 2 years of Algebra
- b. 1 year of Geometry
- c. ½ year of Trigonometry

2 years of Science (1 year of Chemistry and 1 year of Physics are recommended)

- D. Students who do not fulfill the above admission criteria (A,B,C) will be placed in a "Pre-Engineering" classification as described under the heading "Pre-Engineering." Students who satisfy items A and B but do not satisfy item C are automatically placed in the normal "Engineering" category upon completion of the C requirement. Students not fulfilling A, B and C may also be admitted to a non-engineering program and later apply for transfer into one of the engineering programs following completion of the 26 semester hour requirement as described under the heading "Pre-Engineering."
- E. Students with ACT composite scores below 19 are not admissible to any of the engineering programs except under very unusual circumstances and on an individual basis.

Admission to Engineering (Transfer Students)

- A. First-time transfer students (from another university, a community college or another SIUC academic unit) must have an overall grade point average of at least 2.4* and at least 24 semester hours of transfer credit. Students without 26 semester hours of transfer credit will fall under freshmen admission requirements.
- B. First-time transfer students with a grade point average between 2.0 and 2.4* and who are interested in transferring into one of the engineering programs will be admitted to Pre-Engineering. Transfer students with a grade point average between 2.0 and 2.4* may in special cases be accepted by the department but only upon an individual basis depending upon the ability of the department to accommodate the student demand.
- C. No student whose grade point average is below 2.0 will be admitted to Engineering or Pre-Engineering.

Pre-Engineering

Students who have been placed in a pre-engineering classification because they have not completed the high school courses required for direct admission to an engineering program will be transferred to an engineering program when the high school prerequisite courses have been satisfied by taking courses at the University.

Students admitted with a pre-engineering classification may request transfer to an engineering program after they have earned at least 26 semester hours at the University with a grade point average of 2.40* or greater. In addition, at least 12 of the 26 hours must have been earned in engineering, mathematics, and prerequisite science courses which are required for graduation from an engineering program at the University.

Students in the pre-engineering classification who have completed 26 to 60 semester hours and have a 2.0-2.39 grade point average may, in special cases, be admitted to an engineering program in one of the engineering departments. Such students may not transfer to another engineering department without approval of that department chairperson.

Pre-engineering students who have earned less than a 2.40 average after completing 60 or more semester hours and who cannot be admitted by a department as a special case will be transferred to Undergraduate Academic Services or may seek entrance to another collegiate unit provided their SIUC grade point average is 2.0. Students transferred from the pre-engineering classification may seek readmission to the College of Engineering and Technology only after they have attained an overall grade point average of 2.40*.

Students who are classified as pre-engineering majors cannot register for 300 and 400 level courses offered by any of the engineering departments.

Admission to Technology

Engineering Technology and Industrial Technology students are covered by the present University Admission Policy which requires freshmen to meet certain criteria and which requires transfer students to have a transfer grade point average of 2.0 or above.

International Students

International students must meet admission requirements comparable to those of native students. While admission credentials such as ACT scores and class rank are not generally submitted by international students, students do submit credentials which reflect their achievements in subject areas such as English, mathematics and science. Therefore, beginning freshmen and transfer students with less than 26 semester hours will be required to submit records which reflect above average achievements in these disciplines in order to be admitted to an engineering

program. Transfer students who have earned 26 semester hours or more of transfer credit will be required to have a 2.4 or comparable grade point average. International students will be required to comply with the retention policy of the College of Engineering and Technology.

Students who meet minimum University admission requirements but do not meet those requirements for entrance to an engineering program will be granted provisional admission to the College and be advised as to an appropriate program during the first year. These students must satisfy the requirements previously described for native students in order to transfer to an engineering major.

SPECIAL NOTE

- * For a period of time, particular Engineering departments may establish a transfer grade point average greater than 2.4. Those students seeking admission into Electrical Engineering at this time should contact the College Advisement Office to determine the transfer grade point average for entry into this program.

Because interest in engineering classes continues to be exceedingly high, it may be necessary to close admission to selected engineering majors without advance notice.

ADMISSION OF INTERNATIONAL STUDENTS (General Requirements)

For engineering majors, see page 16, for College of Business and Administration majors, see page 50.

In general, international students must meet the same academic standards for admission as those required of native students. As there is considerable variation between educational systems throughout the world, precise comparative standards are not always available. Therefore, international students are selected upon the basis of their former academic work and the students' financial resources for support during the normal period of time required to reach the objectives of their studies.

In addition to submitting copies of secondary school records and, when applicable, college transcripts, international students must also submit scores from TOEFL examination (Test of English as a Foreign Language). TOEFL scores are required of all international students who (1) have completed their secondary education in a country where English is not the native language, (2) have completed less than two years study in a United States high school, (3) have completed less than two years (60 semester hours) of collegiate training in an accredited United States college or university. Students who have completed their secondary education in a country where English is the native language are required to submit scores from either the American College Test or the Scholastic Aptitude Test.

Students who have acquired immigrant status are also required to demonstrate English proficiency. English proficiency can be demonstrated by successful completion of the TOEFL examination. Immigrants who have completed at least two years of study in a United States high school, have earned sixty semester hours in a United States college or university, or have completed their secondary education in a country in which English is the native language are not required to submit TOEFL scores or write a special English examination. Immigrant students must also submit a photocopy of their green card with the application for admission.

International students whose secondary school and college records are acceptable for admission purposes must also submit TOEFL scores. Students whose TOEFL score is 525 or higher will be granted unconditional admission. Applicants whose TOEFL scores are below 525 will be admitted contingent upon completion of an institutional TOEFL administered by the Center for English as a Second Language. Students who fail to submit TOEFL scores, or who do not submit acceptable TOEFL scores, will be required to attend courses at the Center for English as a Second Language at their expense. Sponsoring agencies which enroll international students will be charged an administrative fee of \$100.00 per student per semester.

International students interested in making application to SIUC should address their inquiries to the Office of Admissions and Records, Southern Illinois University at Carbondale, Carbondale, Illinois 62901.

ADMISSION OF SPECIAL CATEGORIES OF STUDENTS

Several types of students are given special consideration when seeking admission to the University. These are described below:

ADMISSION OF VETERANS

Veterans are admissible in good standing regardless of their previous academic records provided they have completed no college work since military separation or the college work they have completed since separation/discharge is of "C" quality or better. It is assumed a veteran has graduated from high school or has earned the GED equivalency certificate. A veteran is required to submit all of the necessary academic records to the Admissions Office before his or her application for admission can be processed.

BASIC SKILLS

The University operates a program in which educationally and socially disadvantaged students are admitted to the University each fall. All four-year applicants who do not meet established admission requirements will have their applications reviewed for consideration to this program. Those students whose academic records show potential for successfully completing a collegiate program as a result of receiving special assistance may be offered admission to the University.

ADMISSION OF ADULTS AS UNCLASSIFIED STUDENTS

Adults who have never enrolled in an institution of higher education may enroll in select courses as a non-degree student without submitting all of the academic records required of a regularly admitted student. Students in this category must be high school graduates or have passed the GED Test. Applicants interested in seeking admission as an unclassified student are encouraged to write to the Office of Admissions and Records.

EVENING AND WEEKEND PROGRAM

Carbondale area residents may take advantage of the University's evening (after 4:00 p.m.) and weekend credit course offerings through the Evening and Weekend Program offered by the Division of Continuing Education. The application, admission, and registration process is streamlined for such students. Students may enroll for up to a maximum of eight semester hours credit each semester. A reduced fee structure is available. Interested students should contact the SIUC Division of Continuing Education directly, at 618-536-7751.

HOUSING INFORMATION

REGULATIONS

ALL SINGLE FRESHMEN under the age of 21, not living with parent or guardian, are required to live in on-campus residence halls, or similar privately owned residence halls. The privately owned residence halls must provide facilities, food service, and supervision comparable to on-campus housing.

ALL SINGLE SOPHOMORES under the age of 21, not living with parent or guardian, are required to live in on-campus residence halls or University approved off-campus housing. Sophomore approved housing includes rooming houses and residence hall apartments. Such facilities are not required to provide food service but are required to have University approved adult managers and are inspected by the University.

There are no University regulations for JUNIOR, SENIOR, GRADUATE, MARRIED STUDENTS, VETERANS, OR those students 21 years of age or over on the first day of the semester.

UNIVERSITY FACILITIES FOR SINGLE UNDERGRADUATES

BRUSH TOWERS

The Brush Towers residential area, located on the southeast edge of the SIUC campus, consists of two 17 story air-conditioned residence halls (Mae Smith and Schneider Tower). Each hall houses 816 students (male, female, co-ed). Brush Towers residents may use the computer lab located at University Park.

UNIVERSITY PARK

The University Park residential area, located on the southeast edge of the SIUC campus consists of one seventeen story residence hall (Neely Hall-male, female, co-ed), and three four-story triad buildings (Allen, Boomer, and Wright Halls-male, female, coed). Neely houses 816 students and the triads each house 360 students. (This area is highly recommended for students taking classes at the School of Technical Careers or SIUC Airport since the bus service departs from this location). All buildings are air-conditioned and a computer lab is located in the commons building.

THOMPSON POINT

The Thompson Point residential area, located on the southwest edge of the SIUC campus consists of eleven halls with each housing approximately 120 students (male, female, co-ed). All buildings are air-conditioned and a computer lab is located in the commons building.

CONTRACT COSTS - 1988-89 - All Areas \$1,312/Semester \$2,624/Academic Year
There is an additional \$12.00/year housing activity fee.

Inquiries concerning on-campus housing should be directed to University Housing, Supervisor of Contracts, Washington Square-D, SIUC; (618) 453-2301, ext. 39.

UNIVERSITY FACILITIES FOR MARRIED STUDENTS

SOUTHERN HILLS

The Southern Hills residential area located on the southeast edge of the SIUC campus consists of efficiency, one bedroom and two bedroom furnished apartments for married students, single parents, and graduate students.

EVERGREEN TERRACE

The Evergreen Terrace residential area located on the southwest edge of the SIUC campus consists of two and three bedroom unfurnished apartments for married students and single parents.

MARRIED STUDENT HOUSING COST, 1988-89

Efficiency apartments	\$239/month
Furnished one bedroom	\$259/month
Furnished two bedroom	\$277/month
Unfurnished two bedroom	\$300/month
Unfurnished three bedroom	\$325/month

The University pays all utilities. Interested students should contact Family Housing, Washington Square-B, Southern Illinois University at Carbondale, Carbondale, Illinois 62901; (618) 453-2301, ext. 38.

OFF-CAMPUS FACILITIES

Single student facilities include residence halls, apartments, rooming houses and trailer courts. Married student facilities include apartments, rooming houses, private houses and trailers. Students may obtain information on off campus facilities through the Off-Campus Housing Office, Washington Square-B, SIUC; (618) 453-2301, ext. 43.

GENERAL HOUSING INFORMATION

Application for Housing: An application for University Housing for single students is included with the application for admission. Admitted students for whom there is no housing application on file will automatically receive information and an application for housing about three weeks after admission. Priority for University Housing is determined by the date SIUC receives the completed housing application. Students are not eligible to receive a housing contract until they are officially admitted. Early application (even during the junior year) is encouraged.

Term of Contract: University housing contracts are written for the Fall and Spring semesters and remain in effect for these two semesters. Summer contracts are issued separately. Students who desire housing during both the summer and the fall should submit two separate housing applications. Cancellation of contracts must be made in writing to the Supervisor of Contracts, Washington Square D.

Greek Row: This residential area primarily provides housing for recognized sororities and fraternities. Assignment to these areas is by invitation and interested students should contact fraternal organizations or the Inter-Greek Council, (618) 453-5714.

Meal Service: In all areas except married student housing and Greek Row, meals are provided on the basis of 20 meals per week, 3 meals each day, 6 days per week, and breakfast and noon dinner on Sundays. Unlimited second helpings are offered. No other food plans are available. A full-time dietitian is available to assist students with special dietary needs.

Special Interest Groups: Students may request to be assigned to areas where their special interest can be accommodated, such as study areas, graduate areas, over 21, and University Honors Program areas.

Coed Living: Co-educational living (alternate suites of men and women on the same floor) is available in all areas except the University Park Triads, for students who have reached sophomore standing. Coed housing in the Triads is by floor.

Room Furnishings: All rooms are equipped with twin size beds, closet space, chest of drawers, desks, study chairs, and draperies. Free weekly linen service provides students with two sheets and one pillow case. Room arrangements are two students per room sharing private bath with adjoining two student room. The University Park Triads have several showers and restrooms centrally located on each floor for easy access by residents.

Roommates: New students, both freshman and transfer, have the opportunity to request a roommate of their choice before arriving, provided the request is mutual, each student has a signed contract on file with advance payment for the same residential area, and space exists at the time room assignments are made.

REGISTRATION AND ADVISEMENT

Two registration periods are available each semester: Advance and Final.

Advance Registration is conducted during approximately eight weeks of the preceding semester. New freshmen and transfer students entering in the fall semester have several weeks during April, May, June, July and August set aside for the purpose of orientation, advisement, and registration. The advance registration period is highly recommended for new freshmen and transfer students as it permits maximum course selection, counseling and campus orientation.

Final Registration is conducted during the last three weekdays preceding the start of the semester. Late applicants and students who did not advance register will complete the advisement and registration process during this period.

A similar procedure is used for advisement and registration for the spring semester and summer session.

ADVISEMENT

All new students (freshmen and transfers) are notified by mail of advisement procedures. Notices are mailed out for the semester indicated around the following dates: fall, March 15; spring, October 15; summer, March 15.

All new students will receive additional information on the advance registration procedures at the time they receive their advisement appointment. Should a student find it is impossible to keep the advisement appointment he or she should contact the specific advisement unit and suggest an alternative date during the advance registration period.

Re-entry and continuing students must make their own advisement appointment with their academic unit advisement center.

OFF-CAMPUS ADVISEMENT AND REGISTRATION

Advisement and registration for the fall semester is available off-campus usually twice a year, March (Springfield area), and May (Chicago area). All new students will be notified by mail concerning these special advisement and registration opportunities.

PROCEDURES

Advance registration usually takes one-half day unless the student elects to take advantage of various proficiency examinations. Parents are encouraged to accompany their son or daughter.

LODGING AND PARKING

Adequate lodging facilities are available in and near the community at various motels. A list is included in the registration information.

In addition, guest parking permits are included in the registration information packet for use in regular University lots. The Arena parking lot, Student Center lot, and metered stalls on campus are available for campus parking to visitors.

ORIENTATION: TWO HOURS

Guests are welcome to tour the campus or visit offices related to their special needs (housing, financial assistance, etc.). In addition, the Office of Student Development coordinates scheduled orientation programs to help the new or transfer student become more familiar with SIUC each day of advance registration. Through participation at these sessions, students and parents meet with various University faculty and staff depending on the orientation program chosen. A formal orientation program is offered Wednesday through Sunday prior to the start of the fall semester. All students are strongly encouraged to attend. For more information, contact the Office of Student Development (618-453-5714).

ADVISEMENT: APPROXIMATELY FORTY-FIVE MINUTES

A student is advised of requirements and proficiency opportunities, discusses vocational plans, and then selects appropriate courses.

REGISTRATION: ONE HOUR

The student selects the time his or her classes will meet and obtains an ID badge.

ACADEMIC UNIT ADVISEMENT CENTERS	Area Code (618)
Agriculture	453-3080
Business and Administration	536-4431
Communication and Fine Arts:	
Art and Design	453-4313
Cinema and Photography	453-2365
Communication Disorders and Sciences	453-4301
Journalism	536-3361
Music	536-7505
Radio and Television	536-7555
Speech Communication	453-2291
Theater	453-5741
Education	453-2354
Engineering and Technology	536-2466
Human Resources	536-2378
Liberal Arts	453-3380
Science	536-5537
Undergraduate Academic Services	453-4351
Pre-Major	
Pre-Nursing	
Special Admissions Program	
 TECHNICAL CAREERS MAJORS	 536-6682
Division of Advanced Technical Studies	536-6682
Advanced Technical Studies, Aviation Management	
Electronics Management, Health Care Management	
Division of Allied Health & Public Service	536-6682
Law Enforcement	536-6682
Division of Applied Technologies	985-4024
Automotive Technology	985-4024
Construction Technology	529-1143
Tool and Manufacturing Technology	529-1143
Division of Aviation Technologies	536-3371
Aviation Flight	529-2681
Avionics Technology	536-3371
Aviation Maintenance Technology	536-3371
Division of Graphic Communications	536-6682
Computer Information Processing	
Electronics Technology	
Photographic Production Technology	
Secretarial & Office Specialties	
Architectural Technology	536-4411
Interior Design	453-3734
Consumer Economics and Family Management	536-6682

** Students in Allied Health Careers Specialities, Commercial Graphics, Dental Hygiene, Dental Technology, Physical Therapist Assistant, Mortuary Science and Funeral Service, Radiologic Technology, and Respiratory Therapy will be contacted by their program coordinators concerning Advisement and Registration.

PRE-ADVISEMENT MATH TESTING

All new freshmen, except those admitted to two-year associate degree programs, some transfer students, and those who have never taken a college level mathematics course, must take a math placement test prior to advisement and registration for classes. These math tests assist academic advisors in placing students in the proper level of math courses.

All new students will receive information concerning math testing. Numerous testing dates will be available both on and off campus. Normally, students will contact their academic advisement centers to pre-arrange math testing and advisement and registration for the same day.

COSTS

TUITION AND FEES

Tuition and fees charged students are established by the Board of Trustees and are subject to change whenever conditions necessitate. All assessments are on a per-hour basis, with 12 hours considered full time. The following fee schedule is for the 1988 Fall Semester.

ON-CAMPUS UNDERGRADUATE FEE SCHEDULES

Semester Hours Enrolled	Illinois Residents			Non-Illinois Residents		
	Tuition	Student Fees	Total	Tuition	Student Fees	Total
1	\$ 54.95	\$114.75	\$169.70	\$164.85	\$114.75	\$279.60
2	109.90	130.88	240.78	329.70	130.88	460.58
3	164.85	147.03	311.88	494.55	147.03	641.58
4	219.80	163.17	382.97	659.40	163.17	822.57
5	274.75	179.30	454.05	824.25	179.30	1003.55
6	329.70	195.45	525.15	989.10	195.45	1184.55
7	384.65	211.60	596.25	1153.95	211.60	1365.55
8	439.60	227.73	667.33	1318.80	227.73	1546.53
9	494.55	243.87	738.42	1483.65	243.87	1727.52
10	549.50	260.03	809.53	1648.50	260.03	1908.53
11	604.45	276.15	880.60	1813.35	276.15	2089.50
12+	659.40	292.30	951.70	1978.20	292.30	2270.50

All students will pay the full Student Medical Benefit Fee of \$94.00 which will entitle them to full medical benefits at the Health Service. An on-campus student may seek a refund of the Student Medical Benefit Fee within the first three weeks of each semester by contacting the administrative director of the Health Service. The on-campus undergraduate student fee also includes allocations to the Student Medical Benefit Fee, Student Recreation Fee, Athletic Fund Fee, Student Center Fee, Student Activity Fee, Student-to-Student Grant, and Bond Retirement Fee.

The Student-to-Student Grant Program Fee is voluntary. Students may receive a full refund for this fee by requesting such within ten days following initial tuition and fee payment.

Payment: Tuition and fees are payable by semester. A student who advance registers receives a Statement of Account and may pay either by mail or in person at the Bursar's Office, by the deadline date specified on the statement. Students who register for classes who do not pay their tuition and fees by the specified deadline will have their registrations cancelled. The University provides students with an opportunity to pay tuition and fees on an installment basis if they choose to do so. There is a nominal service charge for installment payments.

A student holding a valid scholarship is exempt from tuition and fees to the extent prescribed by the scholarship. An Illinois State Scholarship may cover all tuition and fees or it may be a partial award.

Tuition Costs by Year: Full-time Illinois residents will pay \$1,903.40 per year for tuition and fees (fall and spring semesters). Full-time out-of-state (non-residents) students will pay \$4,541.00 per year for tuition and fees.

Total University Charges: Full-time Illinois residents can expect to pay up to \$2,636.00 per year in housing costs bringing total University charges to approximately \$4,539.40 per year for room and board, tuition and fees. Full-time out-of-state students can expect to pay up to \$2,636.00 per year for housing bringing total University charges to approximately \$7,177.00 per year for tuition and fees, room and board.

Textbooks: Students must purchase all textbooks (estimated at \$375 per year).

Personal Expenses: Includes transportation to and from home, entertainment and personal items estimated at \$1,705.70 per year.

FINANCIAL ASSISTANCE

The Office of Student Work and Financial Assistance aids students in seeking monetary assistance to finance their post-secondary education at Southern Illinois University at Carbondale. Last year, SIUC distributed over \$63 million in financial assistance allowing 19,460 students to receive financial assistance in the form of grants, scholarships, loans and/or student work.

A package of financial aid is prepared for those students who qualify. The package may include scholarships, grants, work, and loans. The financial aid package offered is contingent upon both the availability of program funds and each student's demonstrated financial need as determined by the American College Testing Program Family Financial Statement (ACT/FFS) form.

Grants and scholarships are gift aid which are not repaid to the donor. Loans are repaid after the student leaves school but are offered at a lower than market rate of interest. Student work is offered to all students who desire to earn money while attending SIUC. The amount a student may earn is determined by the amount of other financial aid received. The total aid (including work) cannot exceed the cost of attending SIUC.

MAJOR FINANCIAL AID PROGRAMS

SIUC participates in the major federal, state, and institutionally-funded programs including the Pell Grant, ISSC Monetary Award, Guaranteed Student Loan, Perkins Loan, Student-to-Student Grant, Supplemental Educational Opportunity Grant, and the Student Work Program.

The Financial Aid Opportunities brochure summarizes the major types of financial aid coordinated through the Office of Student Work and Financial Assistance including a brief description of each program, the application procedures, and the corresponding deadlines. A copy of this brochure is available upon request.

Grants. The major federal grant programs include the Pell Grant and the Supplemental Educational Opportunity Grant. The largest state grant program is the Illinois State Scholarship Commission Monetary Award Program. All of these grants are based on financial need as determined by the ACT/FFS.

Scholarships. SIUC distributes several scholarships based on academic achievement to new freshmen and Illinois community college transfer students (associate degree graduates only). These scholarships include the SIUC Academic Scholarship, the Presidential Scholars Award, the SIU Foundation Scholars Award and the SIU Foundation Merit Award. Students eligible to receive these award will be contacted directly by New Student Admission Services.

Recipients of academic scholarships are selected annually by academic units of the University. Also, a limited number of private scholarships are available from each area. More information is available from the appropriate scholarship coordinator.

Students interested in seeking a private grant or scholarship should check as many sources as possible including high schools, local clubs and civic organizations, businesses, church groups, alumni organizations, commercial lending institutions, and public libraries.

Loans. The largest loan programs include the Guaranteed Student Loan (GSL), the Parent Loan for Undergraduate Students (PLUS), the Supplemental Loan for Students (SLS) and the Perkins Loan. To apply for a Perkins Loan or a GSL, students must complete and mail the 1989-90 ACT/FFS. Both the Perkins Loan and the GSL are based on financial need. Since Perkins Loan funds are limited, students should mail the ACT/FFS before April 1, 1989. The Perkins Loan is borrowed through the school while the GSL is borrowed through the lending institution. To apply for the PLUS or the SLS, students should contact the Office of Student Work and Financial Assistance to determine the application procedure to follow.

Employment. To apply for an on-campus student work job, students should have a processed ACT/FFS on file. Students can work a maximum of 20 hours per week at the prevailing minimum wage. Once students arrive on campus, they should review the "Job Listing Board" in the Student Work and Financial Assistance Office to determine which jobs interest them. Referrals will be given to students to interview with prospective on-campus employers. In addition, a representative is available to give referrals for part-time off-campus jobs. Over 5000 student workers were employed by the University last year and approximately 3000 students work off-campus.

APPLICATION FOR FINANCIAL ASSISTANCE FOR THE 1989-90 ACADEMIC YEAR

To determine financial need, it is necessary for students with their parents to complete and submit the 1989-90 American College Testing Family Financial Statement (ACT/FFS). To have SIUC receive a copy of the Need Analysis, students must enclose the ACT processing fee and enter the SIUC school code #1144. The 1989-90 ACT/FFS allows students to apply for the major programs coordinated through the Office of Student Work and Financial Assistance. Students should complete and mail the 1989-90 ACT/FFS form as early as possible since Campus-Based Aid funding is limited and distributed to eligible students on a first-come, first-served basis. Priority consideration for Campus-Based Aid will be given to those students who complete and mail their 1989-90 ACT/FFS before April 1, 1989. ACT/FFS forms are available in January and may be obtained from local high schools, community colleges or from Student Work and Financial Assistance.

Transfer Students. Students who have attended another college or university will be classified as transfer students. Transfer students applying for financial aid must have a Financial Aid Transcript sent to Student Work and Financial Assistance indicating all financial aid received from each college or university attended previously. Even though students may not have received financial assistance prior to attending SIUC, federal regulations mandate that the Office of Student Work and Financial Assistance have that verification. No aid can be awarded until all Financial Aid Transcripts are received. These forms may be obtained from Student Work and Financial Assistance. Students who receive a Guaranteed Student Loan, Perkins Loan, Supplemental Educational Opportunity Grant or student work must reapply for those awards by submitting the 1989-90 ACT/FFS. Students who receive a Supplemental Loan for Students (SLS) or a Parent Loan for Undergraduate Students (PLUS) should contact Student Work and Financial Assistance to determine loan eligibility and application procedures. Transfer students who receive the Pell Grant must obtain a duplicate set of the Student Aid Reports (SAR) from the Pell Grant Program to submit to Student Work and Financial Assistance. Transfer students who receive ISSC awards must change the school name on the Pell Grant Student Aid Report and resubmit to the Pell Grant Program to be forwarded to ISSC. ISSC will recompute and adjust the ISSC award to reflect the cost of attending SIUC.

Financial Aid Timetable. After mailing the 1989-90 ACT/FFS, students should expect to receive the following responses:

1. Confirmation Report. Approximately two to three weeks after mailing the ACT/FFS, students will receive a Confirmation Report containing information included on the FFS form. Since eligibility for financial aid is based on submission of accurate data, students should carefully review the information for any errors. Any errors should be corrected on page two of the Confirmation Report and resubmitted to ACT for recalculation. ACT will mail a similar report to the Pell Grant Program who will forward the information to the Illinois State Scholarship Commission. ACT will also mail the information to the institutions listed on the FFS.
2. Student Aid Report (SAR). Approximately four weeks after mailing the ACT/FFS, students will receive an SAR from the Pell Grant Program. The SAR will contain the information included on the FFS and will indicate whether students qualify for the Pell Grant. Students should review the SAR for errors and, if necessary, make corrections on Part 2 of the SAR and resubmit to the Pell Grant Program for recalculation. If eligible, students should submit all pages of the SAR, to Student Work and Financial Assistance. Student Work and Financial Assistance cannot process a Pell Grant Award until all pages of the SAR are submitted.
3. Illinois State Scholarship Commission Monetary Award Letter (ISSC). Approximately six weeks after mailing the ACT/FFS, students (Illinois residents only) will receive a letter from the Illinois State Scholarship Commission which will indicate whether students are eligible to receive the ISSC Monetary Award. Students should retain the letter for their own records.
4. SIUC Financial Aid Award Letter. Approximately 90 days after receiving a student's Need Analysis, and assuming the ACT was mailed by the April 1 priority processing date, Student Work and Financial Assistance will mail a Financial Aid Award Offer to students who qualify for Campus-Based Aid and/or a Guaranteed Student Loan. This letter is an offer of assistance and must be signed and returned to Student Work and Financial Assistance by the date indicated. (Students should contact SWFA during the spring semester for summer financial aid information).

Academic Progress Standards for Financial Assistance. Southern Illinois University at Carbondale requires that a student be making "satisfactory progress" toward a degree if that student wishes to receive financial aid funds. A student is making "satisfactory progress" toward a degree if successfully meeting two basic academic standards. First, a student must complete a reasonable number of credit hours toward a degree each academic year. Second, a student must maintain a scholastic standing, derived from grades, that allows for continued enrollment at the University under current academic guidelines. A copy of the Policy on Satisfactory Progress is available upon request from Student Work and Financial Assistance.

Students and counselors desiring additional information should contact: Student Work and Financial Assistance, Woody Hall, B Wing, Third Floor, Southern Illinois University at Carbondale, Carbondale, IL 62901-4702 or call (618) 453-4334.

PLEASE NOTE: At the time of this publication's printing, final rules and regulations for the 1989-90 academic school year were pending. Therefore, students should contact Student Work and Financial Assistance for the most recent information.

STUDENT SERVICES

Career Development Center, 618-536-7528

The Career Development Center provides students the opportunity to explore occupations and develop vocational interests, examine individual skills and potential, and gives assistance in career decision making. Students may also take advantage of an array of career and personality inventories designed to assist students in career development or exploration. Career assistance is provided on a one to one basis in addition to groups, workshops or through the use of specially designed computer programs. CDC also maintains a Career Resources Library which houses occupational information on approximately 25,000 occupations.

University Placement Center, 618-453-2391

The University Placement Center counselors assist in career exploration and provide assistance in the development of pre-employment skills; i.e., resume writing, interviewing, and job search strategies. The Placement Center refers registered applicants to employers when the employer indicates to the Center that vacancies exist. A credentials mailing service is provided for vacancies for which employers will not be visiting the campus.

University Testing Services, 618-536-3303

Testing Services is a regional center offering undergraduate and graduate admission, technical, professional and certification examinations. Tests such as the ACT, SAT, GRE, LSAT, MCAT, Miller Analogies Tests, etc., are offered on a regular basis. Local placement and academic proficiency tests and National CLEP and PEP examinations are also available. These programs insure proper class placement of entering students and provide academically talented students with the opportunity to receive college level credit for material already mastered. In addition, general educational development tests for area adults who have not completed high school, and licensure and competency programs required by the state of Illinois and professional associations are offered as a service to candidates. Registration forms and information brochures, many containing sample tests allowing candidates to become familiar with test content and emphasis, are available from Testing Services.

Counseling Center, 618-453-5371

The Counseling Center is staffed with professional counselors qualified to assist students with personal development and resolution of problems. Personal problems, marital adjustment difficulties, social skill development, parental conflict, and sex role awareness development are areas of frequent concern to students. Counseling is provided through one to one student-counselor contact or in group discussion within an atmosphere of confidentiality and trust.

Women's Services, 618-453-3655

The purpose of the Office of Women's Services, a component of the Counseling Center, is to maximize the opportunities and experiences of women who choose to attend SIUC. One of the most important functions of the office is to facilitate personal growth that can result in assisting women in recognizing and developing their potential for success--both during and after college. The services fall into six categories: 1) a clearinghouse for resources and referral information; 2) development and implementation of outreach programming (i.e., workshops, seminars, groups, lectures) on topics relevant to women; 3) consultation for other services that are working with women in the University and community; 4) advocacy and support for women students, including providing programs designed specifically to assist adult women students who are returning to school or who are furthering their education; 5) coordinating the Campus Safety Program, which includes Women's Safety Transit and women's self defense classes; and 6) library services which make available many books and articles on women's issues not found elsewhere on campus.

Non-Traditional Student Services, 618-453-2829

The Office for Non-Traditional Student Services serves a variety of students including persons who have been away from formal education for a long period of time, persons married, divorced, widowed, persons interested in re-training for new careers, and part-time students, commuters, and veterans. A variety of services are available to assist such students in their transition and enrollment at SIUC.

Disabled Student Services, 618-453-5738 (Voice or TTY)

This office coordinates and provides support services to disabled students including those who are non-ambulatory, semi-ambulatory, visually impaired, hearing impaired, learning disabled, or otherwise permanently disabled. A wide range of services are offered including: academic support services, handicapped van transportation, other special transportation and parking arrangements, modified housing, adapted recreational activities, wheelchair repair, and personal attendant referrals. The academic support services include: test proctoring services for students needing additional time or reading or writing assistance to complete regular course exams; pre-enrollment planning for support services; readers; taped texts; special equipment; mobility training for the visually impaired; notetakers, interpreters, special counseling, and communications training for the hearing impaired. The Illinois Department of Rehabilitation Services (IDORS) maintains an on-campus office, and the DSS office has close liaison with IDORS

to facilitate admission and enrollment of disabled students sponsored by IDORS. The SIUC campus is highly accessible, and all programs, services, and activities are available to disabled students. The disabled individual applies for admission in the same manner as any other applicant. The nature or severity of disability have no bearing on the admission determination. Interested disabled persons are strongly encouraged to formally apply for admission as far as possible in advance of the semester starting date in order that all necessary support services, financial assistance, special equipment, and housing arrangements may be arranged in advance.

Clinical Center Achieve Program, 618-453-2595

The Clinical Center Achieve Program is an academic support program for learning disabled students enrolled at SIUC. The program is self-supportive and participation is voluntary. Students in the Achieve Program are completely mainstreamed into the regular college curricula. The academic support provided by the Achieve Program is three-fold: 1) tutorial, 2) compensatory, and 3) remedial.

1. Achieve members are computer matched to tutors based on academic strengths/weaknesses and individual course selections.
2. Achieve members are provided with taped textbooks from Recordings for the Blind if their disability is in the area of reading. They are also given the opportunity to take their exams with a proctor at the Achieve Office. Proctored exams may be orally administered or simply untimed depending upon the needs of the individual student.
3. Remedial courses are also available for those desiring to improve their deficit areas. These include: 1) reading comprehension strategies, 2) notetaking/listening skills, and 3) paragraph/essay writing skills. Participation in remedial courses is not mandatory and often varies from semester to semester depending upon the student's personal schedule and course load.

Students interested in participation in the Achieve Program must apply to the University as well as to the Achieve Program. Early application to the Achieve Program (sophomore-junior year in high school) is highly recommended based on the large number of excess applications each year. Requests for information should be addressed to: Clinical Center Achieve Program, Baptist Student Center, Wing D, SIUC, Carbondale, IL 62901.

*Application fee:	\$ 50.00 (one time fee/nonrefundable)
*Diagnostic fee:	\$ 500.00 "
	<u>\$ 550.00</u>

*Fees for academic support:	\$1500.00 (1987 fall semester)
	\$1500.00 (1988 spring semester)
	<u>\$3000.00</u>

*Figures are based on the 1988-89 academic year and subject to change.

Support fees are refundable anytime prior to the beginning of the semester. Fee waivers are available to those students who qualify.

Center for English as a Second Language, 618-453-2265

The Center for English as a Second Language offers English language training to non-native speakers of the language. The program runs year round and is a part of the Department of Linguistics, an academic unit of the College of Liberal Arts. The students studying at the Center plan in most cases to enter academic programs at the graduate or undergraduate level upon completion of their training. The attendance of approximately 100 students every term from a wide variety of cultures adds a significant international presence to the campus. Opportunities are provided for American students to meet with CESL students as a means of enriching their stay at Southern Illinois University at Carbondale.

STUDENT ACTIVITIES

The Office of Student Development (618-453-5714) sponsors a wide array of programs, activities, and services designed to provide students with opportunities that enhance and complement the traditional classroom learning experience.

Student Orientation Programs. The Office of Student Development provides a comprehensive orientation program for new students and their parents. These programs are designed to assist students in making a smooth transition into the University community and to introduce both new students and their parents to the University's vast resources, services, and programs. Orientation sessions are offered prior to the beginning of each semester and on new student advisement and registration days. Upperclassmen, known as Student Life Advisers (SLA's), serve as orientation peer advisers to help the new student learn about the campus and its services. The Student Orientation Committee is available year round to assist students.

MAGIC STEP AHEAD. The Office of Student Development offers three unique freshman experience programs which assist new students in getting a "magic step ahead" at SIUC. Project MAGIC (Maximize Academic Growth in College), a general advisement program for new students, provides the opportunity for a new student to develop a friendly and helpful relationship with a University faculty or staff member who can assist the new freshman or transfer student in developing career and academic goals, in learning how to maximize the educational opportunities

available at SIUC, and in becoming acclimated to college life. Project STEP (Success through Experienced Peers) is a peer mentoring program which promotes new student involvement and leadership opportunities through a network of trained upperclass volunteer students. Project AHEAD (A Humanistic Educational Approach to Development), offered in cooperation with the Department of Sociology, is designed as an academic course to help prepare new students for success in college. The course uses an experiential learning mode of activities and group discussions pertaining to the freshman year experience. Topics for discussion focus on factors and issues associated with successful adjustment in college and academic achievement. Students learn valuable tips on study skills, communication skills, reading skills, time management techniques, and testing skills.

SIUC Parents Association. Open to all parents of SIUC students, the Parents Association provides opportunities for parents to become better informed and more positively involved with their student's education and University experiences. The nominal annual family membership fee entitles parents to periodic newsletters, special event programs, and a number of University and community discounts.

Registered Student Organizations. Over 360 registered student organizations offer opportunities for student involvement, student leadership and development, and experiential learning. A core of over 400 volunteer faculty/staff advisers, along with the professional staff of the Office of Student Development, provide direction and consultation with the student organizations in the areas of fiscal management, organizational development, and University policies and procedures. Included among the organizations are student governmental groups, coordinating councils, public interest groups, fraternities and sororities, publication and media groups, scholastic and professional honoraries, departmental clubs, special interest groups, religious organizations, and sports and recreation clubs.

Black Affairs Council. Black Affairs Council (BAC) serves as the coordinating and governmental body for the 16 Black student organizations on campus. BAC assumes a major responsibility for programming social, cultural, and educational programs for Black students at SIUC.

Inter-Greek Council. Inter-Greek Council (IGC) is the activity coordinating council for the University's 16 social fraternities and 9 social sororities. Sub-councils include the Inter-Fraternity, Panhellenic Council, and Pan-Hellenic Council. The SIUC Greek System promotes leadership, scholarship, and service, offering students an opportunity to enhance their University experience. Rush, or membership recruitment, is sponsored at the beginning of fall and spring semesters, as well as at designated times throughout the year.

Mobilization of Volunteer Effort. Mobilization of Volunteer Effort (MOVE) promotes student involvement and community service learning activities in the University and community through a series of student volunteer outreach programs in such areas as child care, senior citizens programs, recreation and youth activities, crisis intervention, and tutorial assistance. Special projects include the United Way campaign and coordination of the largest student Red Cross Blood Drive in the country, among others. MOVE also serves as a clearinghouse for student organizations which promote service and need assistance with a volunteer project or special event.

Credit for Involvement. In cooperation with various academic units, the Office of Student Development provides opportunities for students to receive academic credit for their participation in student activities and student organizations. Opportunities available include leadership development courses for fraternity and sorority members, community service-learning programs for MOVE volunteers, leadership development seminars for orientation Student Life Advisers, and undergraduate and graduate internships.

Rainbow's End. Rainbow's End is a comprehensive day care, child development center designed to serve the children, ages six weeks to eight years, of SIUC students, faculty, and staff members. The center, which is staffed by qualified professionals, is licensed by the Illinois Department of Children and Family Services and is a participant in the State of Illinois Food Reimbursement Program. Rainbow's End is open from 7:30 a.m. to 5:30 p.m. each day the University is in session. Tuition and fees are assessed according to the number of hours for which the child is enrolled and are offered at a reduced rate to student parents. Rainbow's End is located at Lakeland School, 925 South Giant City Road in Carbondale, telephone 529-2271.

Touch of Nature, 618-529-4161

The University's Touch of Nature Environmental Center is a 3,100 acre facility located approximately 8 miles southeast of campus. As a unique outdoor living-learning center, it is unequaled in size and scope in the midwest. Serving both the entire University and the public, the Center's expansive residential facilities and programming components provide both credit and non-credit opportunities. Rustic residential facilities include two fully equipped camps with large dining, meeting, and summer and winter sleeping accommodations.

As a model facility for experiential education research and recreation the Center offers five major year-round programs. These are conferences for business, industry, educational and other agencies; environmental education workshops; residential camping programs for the young and elderly; wellness lifestyle; advocacy for high-risk populations; and Wilderness Adventure Programs comprised of Spectrum, Underway and Southern Outdoor Adventure Recreation (SOAR). In the summer time, the two camps provide programs for handicapped children and adults, and for functionally-able people of all kinds.

The Center also serves as a field site for such departments as botany, forestry, recreation, special education, rehabilitation, zoology and administration of justice. Internship and practicum credit is available.

Office of Intramural-Recreational Sports, 618-536-5531

The Office of Intramural-Recreational Sports is available to provide students, faculty, staff, alumni, their families and guests with a wide variety of interesting and enjoyable recreational activities. Included in these activities are over 60 intramural sports programs, 30 sport clubs, and numerous informal programs such as basketball, swimming, tennis, racquetball, badminton, boating, weight training, dancercise, etc. In addition, a recreational information center (LES) and an outdoor recreational equipment rental program are available in the Student Recreation Center.

Leadership Development Services. The Office of Student Development sponsors a leadership development series designed to provide students with activities and experiences that enhance their leadership skills and student involvement on the campus. The LEAD (Leadership Education and Development) organization, composed of faculty, staff and students, provides direction and consultation for individual students as well as registered student organizations and offers leadership workshops and special topic seminars throughout the year.

INTERCOLLEGIATE ATHLETICS

General Information

Southern Illinois University at Carbondale continues to boast one of the country's best all-around sports programs for men and women. The Salukis compete within Division I of the National Collegiate Athletic Association (NCAA) in all but one sport. In football, SIUC holds Division I-AA status.

Long known for its well-balanced program, and particularly so for sports such as baseball, track and field, swimming, and gymnastics, SIUC's basketball and football programs have also established strong traditions. In 1983, the Salukis claimed the NCAA Division I-AA national football championship and in 1967 claimed the National Invitation Tournament basketball title.

Many former Salukis have distinguished themselves in almost all sports, most notable is Walt Frazier who led SIUC to its NIT title in 1967. Others include Jim Hart, third-ranking passer in NFL history; Dave Stieb, Toronto Blue Jays' pitching ace and a starter in both the 1983 and 1984 All-Star games; current NFL stars wide receiver Kevin House with Los Angeles and defensive back Terry Taylor with Seattle; world-class 400-meter champion Michael Franks; national gymnastics champion Brian Babcock and others.

Academic Excellence

Paralleling SIUC's athletic success has been an outstanding academic record on the part of student athletes. Thirty-five percent (35%) of student athletes earned term or cumulative grade point average of 3.0 or above in the fall of 1987. In 1986-87, SIUC led the Gateway Conference for the fourth consecutive year in the number of student athletes who earned President's All Academic Awards. In 1987, two student athletes received GTE Academic All-American Awards, and in 1988, still another Saluki received the award. Since 1983, six SIUC student athletes have been named First Team Academic All-Americans.

Baseball

Under the leadership of Richard "Itchy" Jones, the baseball team has been to the College World Series on three occasions and to the NCAA Tournament nine times. The Salukis have won the Missouri Valley Conference five times and have had sixteen players in the major leagues.

Basketball

Men: The team is currently rebuilding under head coach Rich Herrin. The team placed fourth this year in the tough Missouri Valley Conference and were led by Steve Middleton who was a first team All Missouri Valley Conference selection for two consecutive years.

Women: The Saluki women compiled four straight twenty-plus win seasons, received two consecutive NCAA bids and won back-to-back Gateway Conference Championships before relinquishing the title in 1987-88. The Salukis finished the year 16-11 and beat perennial powers Western Kentucky, Memphis State, and Missouri.

Cross Country and Track

Men: The traditionally strong men's team has captured 20 of 25 Missouri Valley Conference (MVC) Track and Field Championships since 1976. In addition, the cross country teams have won six MVC championships and have had ten All-Americans.

Women: The SIUC Women's Track and Field team has won two consecutive Gateway titles in indoor track and are favored to win a third straight outdoor track title in 1988. Both teams will benefit greatly from the new track at McAndrew Stadium.

Field Hockey

The field hockey team boasts a fine history after winning three consecutive state championships from 1976-78 and a regional championship in 1978.

Football

Under new head coach Rick Rhoades, the football Salukis plan to carry on the tradition of fielding one of the stronger teams in Division I-AA. Rhoades came to SIUC after winning the NCAA Division II Championship at Troy State, and was named "Coach of the Year" in Division II in 1987.

Golf

Men: Former track and field coach Lew Hartzog is in the process of building a successful golf program similar to that which he engineered in track and field at SIUC.

Women: The Salukis are among the strongest teams in the midwest, and have been Gateway Conference Champions in two of the last four years.

Gymnastics

Under the leadership of head coach Bill Meade for the past 31 years, the Salukis have been a force in NCAA competition. SIUC has won four national championships and has been the runner up on five occasions. In that time, the Salukis have had 15 NCAA champions and 52 All-Americans.

Swimming and Diving

Men: The men's team has been in the NCAA top 20 for 24 of the past 27 years. In 1987, they have seven All-Americans. Head coach Doug Ingram is chairman of the U.S. Olympic Swimming Committee.

Women: The women's team has finished in the top ten at the NCAA Nationals in four of the past six years. Always one of the top teams academically, five swimmers were named Academic All-Americans in 1987 by the College Swimming Coaches Association of America.

Tennis

Men: Coach Dick LeFevre has amassed over 360 wins in his 30 years as head coach at SIUC. His teams have finished in the NCAA Top 20 on four occasions and in the Top 10 once.

Women: The traditionally strong women's team won the Gateway Conference Championships in 1983 and 1985.

Volleyball

SIUC tied for third in the Gateway Conference and won its second straight Southern Classic Tournament. Junior Beth Winsett was named a GTE/COSIDA Academic All-American with a 4.0 grade point average and is the fourth Saluki Spiker in the past five years to win the coveted award.

Men's Coaches

Baseball:	Richard Jones
Basketball:	Rich Herrin
Cross-Country:	Bill Cornell
Diving	Dave Ardrey
Football:	Rick Rhoades
Golf:	Lew Hartzog
Gymnastics:	Bill Meade
Swimming:	Doug Ingram
Tennis:	Dick LeFevre
Track:	Bill Cornell

Women's Coaches

Basketball:	Cindy Scott
Cross Country:	Don DeNoon
Diving:	Dave Ardrey
Field Hockey:	Julee Illner
Golf:	Diane Daugherty
Softball:	Kay Brechtelsbauer
Swimming:	Doug Ingram
Tennis:	Judy Auld
Track & Field:	Don DeNoon
Volleyball:	Debbie Hunter

Athletic scholarships are awarded in all sports. Applicants interested in obtaining more information on athletic scholarships are encouraged to contact the coach of the respective sport.

Men's Coaches

Telephone: 618-453-5311
Football Office: 618-453-3331
Location: SIU Arena

Women's Coaches

Telephone: 618-536-5566
Location: Davies Gym

MOTOR VEHICLES AND BICYCLES

REGISTRATION

All motor vehicles (and bicycles) operated on campus must be registered with the University Parking Division. An eligible student may register only his or her own vehicle or a vehicle of a member of his or her immediate family. Only eligible students may park on campus.

ELIGIBILITY

Graduate students and the following categories of undergraduate students may apply for permission to use, operate, park, or possess motor vehicles on campus during posted hours.

1. Juniors and seniors (56 credit hours or more).
2. Veterans with two years of military service.
3. Married students.
4. Students residing in the home of parents or guardian.
5. A student who requires a motor vehicle for reasons of health or physical condition as certified in writing by Specialized Student Services.
6. A student not covered by 1 through 5 preceding whose reason for requiring a motor vehicle is judged valid by the dean of students and so certified in writing.

APPLICATION AND FEE

Each applicant must bring to the Parking Division the following four items: 1) a valid operator's license, 2) vehicle registration card or notarized license-applied-for receipt, 3) proof of liability insurance, and 4) a current University identification card. Dealer license plates are not acceptable for motor vehicle registration. If a parking decal is purchased, a fee is charged and is determined by the type of decal an applicant is eligible for and receives, currently \$2-\$10.

Yellow registration decals will be issued for \$2.00 upon proper application.

NOTE: Decals issued, according to color, indicate the nature of any parking privileges permitted the holder.

All decals are valid until September 1, or until revocation or loss of eligibility. The extent of the motor vehicle privilege granted to any person shall be based on need or advanced academic standing, in general accordance with the following criteria:

1. First opportunity to obtain blue decals (\$30) will be granted to full-time employees and to students whose health or physical condition require the privileges thereof. Handicapped students will be assessed \$10 for the blue decal.
2. All employees and students eligible in accordance with any of the categories mentioned under ELIGIBILITY may apply for red decals (\$10).
3. A yellow decal serves as evidence of the proper registration of a motor vehicle by an eligible student. It authorizes parking on campus in lots 24 (Campus Lake), 56 (Arena), and at the Student Center meters during the posted hours.
4. Green storage permits will be available to students residing on campus who receive exceptions to park on the campus from the Office of the Dean of Student Life. These permits will be valid only in parking lots 23, 59, 100 and 106. They will not be valid in other parking areas on campus including loading zones and parking meters.
5. Temporary permits may be issued in unusual circumstances, and can be obtained from the Parking Division Office.
6. Guest permits are available to University visitors and offices, guests of University housing residents and guests of the Baptist Student Center free of charge.
7. 24-hour parking is available the FIRST FIVE DAYS of any term ONLY in lots 56, 59, 100 and 106. Until a parking decal is purchased, DO NOT park in any other area or you will be ticketed.
8. Bicycle decals will be issued for a \$2.00 fee upon application.

For additional information or parking brochure, contact:

University Parking Division
Washington Square Building D
Southern Illinois University
Carbondale, Illinois 62901
Phone: 618-453-5369

UNIVERSITY RECOGNITION OF HIGH SCHOLASTIC ACHIEVEMENT

Dean's List. At the end of each semester, a dean's list is prepared. The criteria for inclusion on the dean's list are established by each of the academic units. To be recognized as being on the dean's list, the student must have been in attendance full-time (12 semester hours or more) and must have earned the average for the semester which has been specified by the academic unit. If the student has met the criteria established, a notation will appear on the grade slip at the end of the semester. The dean's list is recognition for a particular semester. It does not take into consideration the student's complete record.

University Honors Program. The University Honors Program is explained elsewhere in this chapter. Those who successfully complete the University Honors Program receive recognition on the academic record and on the diploma at the time the degree is recorded.

Departmental Honors. Honors courses, individual honors work, and honors curricula, all designed to serve the student with high scholastic potential, are offered by departments in the College of Agriculture, the College of Human Resources, the College of Liberal Arts, and the College of Science. A departmental or academic unit honors program consists of no fewer than six nor more than fourteen semester hours in research or independent study which is counted toward the student's major. Some honors programs require a comprehensive examination at the end of the junior year and again at the end of the first semester, but not from one school year to the next. Successful completion of a departmental or academic unit honors program is indicated on the academic record at the time the degree is recorded and on the diploma, thus, departmental honors in economics.

Scholastic Honors Day. Each spring a Scholastic Honors Day convocation is held to honor students exhibiting high scholastic achievement. All students who have maintained a cumulative grade point average of 3.50 or higher, and who have been full time students during the entire academic year, are honored at this time. A 3.50 grade point average is required for all work taken at Southern Illinois University at Carbondale, and in the case of transfer students, the cumulative average must be at least 3.50, also. Each academic unit has its own convocation and each student is recognized individually on this day.

A variety of professional, departmental, and fraternal honorary organizations offer recognition and membership based upon scholastic achievement. Election or selection to most of these organizations is noted at the Scholastic Honors Day ceremonies. The following are examples of some of these organizations: Alpha Epsilon Rho, Alpha Lambda Delta, Beta Alpha Psi, Beta Gamma Sigma, Kappa Omicron Phi, Pi Mu Epsilon, Pi Omega Pi, Tau Beta Pi, the Liberal Arts and Sciences Honors Society, and the Honor Society of Phi Kappa Phi. Selection to membership in these organizations is not reflected on the academic record or diploma.

University Honors/Departmental Honors Recognition at the Time of Graduation. Graduating students with scholastic averages of 3.90 or higher receive the notation Magna Cum Laude; those with 3.75-3.89 receive Summa Cum Laude; and those with 3.50-3.74 receive Cum Laude. These averages apply to all work at Southern Illinois University at Carbondale, and in the case of transfer students, the averages apply to the cumulative record, also. Whichever of the University Honors apply, plus graduation with departmental honors, are recorded on the student's academic record at the time the degree is recorded and on the diploma.

PROGRAM FLEXIBILITY FOR THE STUDENT

Southern Illinois University at Carbondale offers students a wide variety of programs on all higher educational levels. In addition, the University gives constant attention to methods whereby it might better serve present day educational needs. Described below are opportunities provided students to either earn credit through means other than the traditional class-room method or develop programs better suited to individual student needs than already established programs. While greater flexibility is the goal, the University exercises appropriate supervision to ensure that flexibility is accompanied by educational soundness.

CREDIT BY MEANS OTHER THAN CLASSROOM ATTENDANCE

Several methods are provided for students to earn credit by means other than the traditional classroom method. The methods currently available are described below.

HIGH SCHOOL ADVANCED PLACEMENT PROGRAM

Through the High School Advanced Placement Program high school students who are qualified through registration in an advanced placement course in their high schools or through other special educational experiences may apply for advanced placement and college credit through the Advanced Placement Program of the College Entrance Examination Board. To receive credit, students must earn a grade of 3, 4, or 5.

Ordinarily, the maximum credit granted through advanced placement examination is fifteen hours. It is nonresident credit, does not carry a grade, and is not used in computing the students' averages. Credit granted at another accredited college or university under this plan is transferable to this University up to a maximum of fifteen hours. Students may appeal to academic deans to be granted more than fifteen hours.

The following courses are those in which a student may currently earn credit through the Advanced Placement Examination of the College Entrance Examination Board:

1. Physics: Consult Physics Department Chairperson
2. Chemistry: Chemistry 222A (4 sem. hrs.) and 222B (4 sem. hrs.)
3. Computer Science: Computer Science A: Computer Science 202 (3 sem. hrs.)
Computer Science AB: Computer Science 202 (3 sem. hrs.) and Computer Science 220 (3 sem. hrs.)
4. Biology: GE-A 115 (3 sem. hrs.)
5. History: American - GE-B 300 (3 sem. hrs.) and GE-B 301 (3 sem. hrs.)
6. English: Language and Composition: GE-D 101 (3 sem. hrs.)
If score is '5', then GE-D 120 (3 sem. hrs.)
Literature and Composition: GE-C 122 (3 sem. hrs.)
7. Foreign Languages: Consult chairperson, Department of Foreign Languages and Literatures
8. Mathematics: Calculus AB: Mathematics 150 (four sem. hours) Calculus BC: Mathematics 150 & 250 (8 sem. hours)
9. Music: Consult Director, School of Music
10. Art: Consult Director, School of Art
11. European History: History 200 (3 sem. hours)
12. American Government and Politics: GE-B 114 (3 sem. hours)
13. Comparative Politics: GE-B 250 (3 sem. hours)

COLLEGE LEVEL EXAMINATION PROGRAM

Through the General Examinations of the College Level Examination Program (CLEP), students may apply for credit which will substitute for General Education courses. With a score of 520 or higher on the appropriate examination, it is possible for students to receive six semester hours of credit in each of the three fields of natural sciences, social sciences and history, and humanities.

A score of 580 or higher is required to pass the mathematics test. With this score, students may earn four hours of credit which will fulfill the General Education mathematics requirement.

For those who test through April, 1986. With a score of 650 or higher on the CLEP English examination, students are permitted to take GE-D 120, Freshman Honors Composition (three semester hours), instead of GE-D 101 and GE-D 102 (six semester hours). A student who scores 675 or above on the CLEP English examination will receive six semester hours credit (three semester hours GE-D 101 and three semester hours GE-D 102). A score of 650 to 674 entitles the student to receive a) advanced placement in GE-D 120, Freshman Honors Composition, and b) six semester hours credit upon the satisfactory completion of GE-D 120 with a grade of 'C' or higher (three semester hours GE-D 120 and three semester hours GE-D 102).

For those who test from May, 1986 through May, 1989. With a score of 540 or higher on the CLEP English examination, students are permitted to take GE-D 120, Freshman Honors Composition, instead of GE-D 101 and GE-D 102. A student who scores 565 or above on the CLEP English examination will receive six semester hours credit. A score of 540 to 564 entitles the student to receive a) advanced placement in GE-D 120, Freshman Honors Composition, and b) six semester hours credit upon the satisfactory completion of GE-D 120 with a grade of 'C' or higher (three semester hours of GE-D 120 and three semester hours of GE-D 102).

For those who test after May, 1989. Beginning June, 1989, the CLEP English Composition with Essay Examination will be required. With a score of 565 or above on the CLEP English Composition with Essay Examination, the student will receive six semester hours credit. A score of 540 to 564 entitles the student to receive a) advanced placement in GE-D 120, Freshman Honors Composition, and b) six semester hours of credit upon successful completion of GE-D 120 with a grade of 'C' or higher (three semester hours of GE-D 120 and three semester hours of GE-D 102).

If, prior to taking the CLEP examination, students have received a grade or audit in college level work in any discipline included in the CLEP exam or if they have enrolled in such a course, they shall be ineligible for credit. An exception to this rule is made in the case of students who enroll in the Early Admission Program. Such students receive university credit for courses taken during the Early Admission experience and for the CLEP credit earned.

The science exam includes botany, microbiology, physiology, zoology, chemistry, physics, earth science, geography, and all General Education Area A courses. The social sciences and history exam includes western civilization, American history, Afro-Asian civilization, world history, political science, economics, anthropology, sociology, social psychology, social studies, and all General Education Area B courses. The humanities exam includes literature--poetry, fiction, drama, non-fiction, creative writing, films and performing arts; art--art appreciation, art history, architecture (past and present); music--classical, modern or jazz, humanities--all general humanities courses; all General Education Area C courses; philosophy--aesthetics, ethics, general survey. The mathematics test includes all college-level mathematics.

Students may be exempted from all General Education requirements if they 1) pass all five CLEP General Examinations before entering the University with these minimum scores; natural sciences, social sciences, and humanities, 520; English, 565; and mathematics, 580, and 2) complete all requirements of the University Honors Program. No retroactive extension of the CLEP privilege will be allowed.

For further information, students should consult with their academic advisor. CLEP examinations should be taken at one of the national testing centers and the results sent to the local CLEP coordinator. The results are then forwarded to the Office of Admissions and Records for evaluation.

PROFICIENCY EXAMINATIONS

Through its proficiency examination program the University recognizes the importance of providing encouragement for academically talented students. Such students are permitted to make application to demonstrate the mastery of certain courses through proficiency examinations. Application forms are available at the departmental offices.

The following general rules govern the proficiency examinations for undergraduate credit.

1. Students who believe they are qualified to take a proficiency examination should check with the department offering the course to determine their eligibility to do so; students scoring in the top ten percent of ACT are particularly encouraged to avail themselves of this opportunity.
2. Credit not to exceed thirty hours (fifteen hours toward an associate degree), including credit through the College Entrance Examination Board, Advanced Placement Program, and the College Level Examination Program may be earned through proficiency examinations. Credit will be nonresident. (A combined total of 40 hours may be earned through proficiency examinations and credit for work experience.)
3. Upon passing proficiency examinations students are granted course credit and receive a Pass grade. Their records will show the name of the course, the hours of credit granted, and a notation "credit granted by proficiency examination." Students who fail a proficiency examination receive a Fail grade. This results in no penalty to the students. They will not receive credit and their records will show nothing regarding the proficiency examination. However, the proficiency examination grade report form will be filed in the students' folders for reference purposes.
4. Students may not take proficiency examinations for the same course more than one time. Nor may they take a proficiency examination in a course in which they have previously received a grade.
5. No credit granted by proficiency examinations will be recorded until the student has earned at least 12 hours of credit of 'C' grade or above in residence at Southern Illinois University at Carbondale.

CREDIT FOR WORK EXPERIENCE

Work experience in the form of internships or student teaching is a common instructional technique. Southern Illinois University at Carbondale also permits certain undergraduate programs to grant credit for work experience that relates to students' areas of specialization. The credit granted is to apply to the major program and is awarded only upon approval by the major department. Credit earned by work experience is limited to 30 hours and any combination of credit for proficiency examinations and credit for work experience is limited to 40 hours. Credit granted for work experience is considered nonresident credit when granted for work that is not part of a regular instructional course. Students should consult with their major departments to see whether they approve credit for work experience.

SPECIAL PROGRAMS

THREE-YEAR BACCALAUREATE DEGREE PROGRAM

It is possible for students to complete the regular four-year baccalaureate degree program in three years by utilizing proficiency examinations. The equivalent of one year of credit (30 semester hours) may be earned by this method. Students who desire to follow the three-year program should make the fact known to their academic advisors at the earliest possible date so their eligibility can be determined. A combination of programs may be employed to accumulate these 30 hours as described above in the section on Credit by Means Other than Classroom Attendance.

COOPERATIVE EDUCATION

Cooperative Education Services are offered through the University Placement Center. Cooperative Education is an optional educational pattern that provides an opportunity for students to alternate periods of academic study with periods of off-campus employment related to the student's academic majors or career goals. Periods should be of sufficient duration to provide meaningful classroom and off-campus experiences. Cooperative education provides students an opportunity to earn funds that may be needed to support and complete their education, while it gives them off-campus experiences that are closely integrated with and that enrich their total education. SIUC presently has arrangements with several employing organizations, the majority in engineering, business and agriculture.

UNIVERSITY HONORS PROGRAM

The University Honors Program is located administratively in the College of Liberal Arts. University Honors is a University-wide undergraduate program designed to offer unique educational experiences to participating students. The program includes making available special sections of certain classes, special seminars, and independent study. Some special scholarships and internships are available to University Honors students.

Membership in the University Honors Program is currently granted to entering freshmen who apply for membership with an ACT composite score in the 90th percentile or higher. Membership may be granted to other than entering freshmen who apply for membership and who have a cumulative grade point average of 3.25.

Members of the University Honors Program are designated as University Honors Students. Retention in the University Honors Program depends upon maintaining a 3.25 cumulative grade point average in all coursework and no failing grades in honors courses.

A minimum of 15 hours of honors work is required as a University Honors student. A University Honors student not engaged in a departmental honors program must complete an honors thesis during the senior year. Substitution for this requirement may be arranged for students in a major which does not allow curricular flexibility.

University Honors students may substitute a University Honors seminar in General Education Areas A, B, C and E for their General Education requirements in those specific areas, e.g., UHON 351a for GE-A, UHON 351b for GE-B, etc.

University Honors students may be exempted from all General Education requirements if they 1) pass all five CLEP General Examinations before entering the University with these minimum scores: natural sciences, social sciences, and humanities, 520; English, 565; and mathematics, 580; and 2) complete all requirements of the University Honors Program. No retroactive extension of the CLEP privilege will be allowed.

Baccalaureate degrees for University Honors students are awarded through the regular degree-granting units. Those who successfully complete the University Honors Program receive recognition on the academic record and on the diploma at the time the degree is recorded.

Inquiries about the program should be addressed to the director of the University Honors Program.

UNIVERSITY STUDIES DEGREE PROGRAM

The University Studies Program provides the student with another option for earning a baccalaureate degree. The program is intended for the student who wants a broad, general education and does not wish to specialize on the undergraduate level. In fact, the program was proposed to serve the many students who express the desire to receive a degree, but whose interests are so varied as to preclude a major in a traditional discipline. Students may work toward either a Bachelor of Arts or Bachelor of Science degree in University Studies.

SPECIAL MAJOR

Individual students with academic needs not met in any of the existing majors within the University may arrange a program of courses more suited to their special requirements. Information on the procedures for establishing a Special Major may be obtained from the coordinator of Special Majors, Undergraduate Academic Services.

CAPSTONE PROGRAM

The Capstone Program is for the transfer student with an Associate in Applied Science degree or equivalent certification whose needs can be met within one of the participating departments. It is a two-year program that gives maximum credit for previous academic and work experiences in the student's occupational field. The purpose of a Capstone Program is to provide an opportunity for students to add to the marketable occupational skills and competencies which they have already acquired.

Key features of the Capstone Program are: 1) it is for selected occupational students who have changed their educational and occupational goals; 2) it is an alternative baccalaureate degree program involving no more than two additional years of college at a four year institution; 3) it seeks to recognize similar objectives in both two year occupational programs and four year baccalaureate degree programs; 4) it seeks to recognize similar objectives in certain work experiences and in four year baccalaureate degree programs; and 5) it provides a unique opportunity for developing secondary and post secondary occupational teachers who possess strong work experience and training in a variety of technical specialties and sub-specialties.

The Capstone Program at Southern Illinois University at Carbondale can lead to the Bachelor of Science degree in any of the following areas:

<u>College of Agriculture</u> Agribusiness Economics Agricultural Education Agricultural Education and Mechanization Agriculture, General Animal Sciences Food and Nutrition Plant and Soil Science	<u>College of Education</u> Clothing and Textiles Early Childhood Vocational Education Studies
<u>College of Engineering and Technology</u> Industrial Technology	<u>College of Human Resources</u> Administration of Justice
<u>College of Technical Careers</u> Advanced Technical Studies Aviation Management Consumer Economics and Family Management Electronics Management Fire Science Management (off-campus only) Health Care Management	<u>College of Liberal Arts</u> Paralegal Studies for Legal Assistants

Requirements for the Bachelor of Science Degree through Capstone

A student completing the degree through the Capstone Program must complete the hour requirements, residence requirements, and average requirements that are required for all bachelor's degrees. The specific course requirements for the Capstone Program are explained below.

The following General Education requirements must be satisfied:

Science	6 semester hours
Social Science	6 semester hours
Humanities	6 semester hours
Health and Physical Education	3 semester hours
English Composition	one course (3 semester hours or 4 quarter hours of GE-D 101 or equivalent)
Speech	one course (3 semester hours or 4 quarter hours of GE-D 152 or GE-D 153 or equivalent)
Mathematics	one course (3 semester hours or 4 quarter hours of GE-D 107 or equivalent)
Minimum Total Required	30 semester hours

In addition to the General Studies requirements, the student must complete the requirements specified in a contract to be developed between the student and the academic unit or department representative. The contract will list the remaining requirements for the baccalaureate degree.

Procedures for Applying to the Capstone Program

To be considered for the Capstone Program, the following basic conditions must be met:

1. Admission to the University and to the department offering the capstone option must be completed. An application to the Capstone Program cannot be considered prior to official admission into the University.
2. The applicant must complete an associate degree program or its equivalent certification, and provide the Office of Admissions and Records with an official transcript reflecting the awarded degree or certificate to be received no later than the end of the student's first semester in a baccalaureate program at SIUC. SIUC Military Programs students will have until the end of their second semester.
3. The applicant must have a minimum grade point average of 2.25 (4.0 grading scale) as computed by Southern Illinois University at Carbondale and according to regular University grading policies and procedures.

4. The applicant must file the application for the Capstone Program no earlier than one term prior to the intended entry into the program and no later than the completion of the first term of attendance at SIUC. SIUC students need to submit the application during the term preceding or just following completion of associate degree requirements.

If advance approval is granted to pursue a Bachelor of Science degree through the Capstone Program and the minimum requirements noted above are not met, the approval for admission to the program will be withdrawn.

Additional information concerning Capstone admission requirements, application and procedures, can be obtained from New Student Admission Services. Contact: Capstone Program, New Student Admission Services, Southern Illinois University at Carbondale, Carbondale, IL 62901-4710. Telephone: (618) 536-4405 or toll free in Illinois (800) 642-3531.

INTERNSHIPS IN WASHINGTON

Eligible students from Southern Illinois University at Carbondale can combine a work and learning experience for credit through the Washington Center. Participants can intern in congressional offices, executive agencies, and with groups in many other areas such as the environment, consumer affairs, journalism, communications, legal affairs, labor relations, health policy, arts, education, science, public relations, urban affairs, and women's issues. Students also attend seminars taught by representatives of major governmental agencies, interest groups, and corporations.

Prior arrangements are made through major departments to receive up to twelve semester hours for fall or spring semesters and up to six semester hours for a summer session.

The Washington Center at Southern Illinois University at Carbondale is coordinated through the University Honors Program.

OPPORTUNITIES FOR STUDY ABROAD

Southern Illinois University at Carbondale sponsors a number of group programs abroad including the following:

Year Abroad in Australia: Two semesters are offered in Vienna at the Padagogische and other institutions. All courses are taught in German and require the student to have completed five semesters of college level German or equivalent with a 3.0 grade point average. Students may earn 30 to 34 semester hours of undergraduate credit in German language, literature, and civilization and in certain other areas with prior approval. Additional information may be obtained from the Department of Foreign Languages and Literatures.

International Student Exchange Program: This exchange program is multilateral and involves one-year placement at 98 study sites worldwide. It is a one-for-one exchange plan under which students pay their normal tuition and fees including room and board, and apply credit earned toward their degree. There are study sites in Africa, Asia, Australia, the British Isles, Canada, Europe, and Latin America. Applicants must be mature, have a minimum grade point average of 3.25, and possess the appropriate foreign language skills. Acceptance into the program is considered an honor bestowed in lieu of a scholarship. Most forms of financial aid can be used for this program. Additional information may be obtained from International Programs and Services.

Travel/Study Program: Travel/study courses are offered during intersessions as well as during the summer months. Students must register four to six months prior to the start of the course and may earn graduate or undergraduate credit depending upon the nature of the course. Approximately ten offerings are available during each academic year ranging in length from one week to one year. Courses are taught by full time faculty of SIUC and most do not require a specialized foreign language background. Additional information may be obtained from International Programs and Services.

SIUC sponsors a number of exchange programs with institutions of higher education in other countries. These include the following:

Australia: Curtin University of Technology, Perth, Australia (International Programs and Services).

China: Liaoning University, Shenyang, Liaoning; Northeast Normal University, Changchun, Jilin; Sichuan University, Chengdu. Sichuan.

France: Inter-University Center for Film and Critical Studies, Paris, France, (Cinema and Photography); University of Caen, Caen, France (Department of Foreign Languages and Literatures).

Germany: University of Hamburg, Hamburg, West Germany, (Department of Foreign Languages and Literatures); University of Mainz, Mainz, West Germany (Department of Foreign Languages and Literatures).

Japan: Kansai University for Foreign Studies, Hirakata, Japan; Meiji University, Tokyo, Japan, (International Programs and Services).

Switzerland: Dolmetscherschule, Zurich Interpreters School, Zurich, Switzerland (Department of Foreign Languages and Literatures).

United Kingdom: University of Manchester, Manchester, England (International Programs and Services).

West Bank: An-Najah National University, Nablus, West Bank via Israel (International Programs and Services).

Information concerning eligibility, requirements, program offerings, and application deadlines may be obtained from International Programs and Services.

SIUC provides the opportunity for a student to arrange travel and study abroad on an independent basis. Credit may be earned through a) a department's independent study courses such as readings, individual research, practicum or related types of courses with prior departmental approval or b) a department or college's travel/study course where offered. Additional information is available from the travel/study coordinator, International Programs and Services.

SIUC also grants credit for programs not sponsored by the University. A student may enroll in a travel/study program conducted by a regionally accredited United States institution and transfer the credit to this University. Credits earned in this manner will be evaluated as electives unless a department, program or the Office of Admissions and Records approved the courses in advance to apply toward specific requirements. Additional information may be obtained from International Programs and Services.

A student may enroll in either a foreign language or an independent location of a foreign institution. It is important that the student check with the Office of Admissions and Records before registering since some foreign institutions are not accredited. Graduate students should check with the Graduate School. Credits earned in this manner will count as electives only unless a department or program approves them to apply toward specific requirements.

SCHOLASTIC STANDARDS

At the end of each semester or session of attendance a grade report is prepared for each student showing, in addition to the grades earned that semester or session, the scholastic standing and grade point average for that semester or session, and for the overall record at SIUC. It is important that students understand the University's system for computing grade point averages and the various grade point average requirements.

Transferred grades are not to be used in determining students' calculated grade point average, except that transfer students who are admitted on probationary status will be required to earn a 2.0 average semester by semester until a total of 12 semester hours has been earned, before they can be removed from probation.

The significance of the above should be clearly understood by transfer students when studying the general baccalaureate degree requirements. A 2.0 'C' average is required for the work taken at this University.

In computing students' grade point averages all grades of A, B, C, D, E and F are included in determining the number of calculated hours. Each hour of these grades (1 hour of A is worth 4 grade points) is given its numerical grade points, and the total number of calculated hours is then divided into the total number of grade points to determine the student's grade point average.

Effective with the 1971 summer quarter, all earned grades carrying grade point values are considered when computing students' grade point averages, including each earned grade in a repeated course that is taken during the 1971 summer quarter and thereafter. When computing averages through the 1971 spring quarter, the policy contained in the 1970-71 Undergraduate Catalog is followed.

Students who wish to transfer from one SIUC unit to another, who have less than a 'C' (2.0) grade point average, will be admitted to the new academic unit only if approved by the dean of that unit.

SCHOLASTIC PROBATION AND SUSPENSION SYSTEM

Students are expected to make satisfactory progress toward a degree, certificate, or other approved objective. To ensure that students are making progress, their records are checked against the regulations below.

SCHOLASTIC PROBATION

When a student's cumulative semester average and the cumulative SIUC average fall below a 'C' average (2.0), the student will be placed on scholastic probation. A student on scholastic probation may continue enrollment at Southern Illinois University at Carbondale provided the student does not accumulate six negative points. The student with more than six negative points will not be suspended so long as the term average is 'C' (2.0) or above. A student will remain in the category of scholastic probation until the cumulative SIUC average is 'C' (2.0) or higher.

While on scholastic probation, students may not enroll for more than 14 hours per semester unless approved to do so by the dean of their academic unit. Other limitations may be established by the academic unit within which the students are enrolled.

SCHOLASTIC SUSPENSION

Students will be scholastically suspended from Southern Illinois University at Carbondale if they fail to meet the requirements of their probational status. Students placed on Scholastic Suspension may seek reinstatement after a minimum of two semesters' interruption but must furnish tangible evidence that additional education can be successfully undertaken. Some academic units have scholastic requirements in addition to the overall University requirements listed here. Students must learn and comply with the University requirements as well as those requirements applying to the individual schools and colleges.

BASIC GRADUATION REQUIREMENTS

All students are expected to complete the following basic requirements for the bachelor's degree from Southern Illinois University at Carbondale.

1. A minimum of 120 semester hours of credit in approved courses.
2. The last 30 semester hours must be earned in residence at SIUC if a student has transferred from another school.
3. An overall 'C' average and at least a 'C' average in the major. The average requirements apply to work taken at Southern Illinois University at Carbondale. The University does not carry the transfer grade point average.
4. Completion of general studies requirements, upper division unit requirements, and the requirements of the student's major and minor concentration.

The following two special regulations apply to students who transfer from two-year institutions:

1. The credit accepted from accredited two-year institutions is limited only by the provision that 60 semester hours must be taken at SIUC or at any other approved four-year institution, except that the residence requirement must be met. Credit for work experience, CLEP, military credit, and proficiency examination credit awarded by an accredited senior level institution are counted toward the 60 hour requirement.
2. An associate degree in a baccalaureate-oriented program from an accredited institution will be accepted as meeting all of the General Education requirements of Southern Illinois University at Carbondale. The degree will not, however, waive specific academic unit or major and minor requirements which may be offered via General Education courses.

UNIT OF CREDIT

Southern Illinois University at Carbondale converted from the quarter system to a semester calendar effective fall 1974. All references to hours of credit in this publication are to semester hours unless otherwise specified. One semester hour of credit is equivalent to one and one-half quarter hours. One semester hour of credit represents the work done by a student in a lecture course attended fifty minutes per week for one semester and, in the case of laboratory and activity courses, the stated additional time.

CLASS STANDING

Southern Illinois University at Carbondale requires students to earn at least 120 semester hours of acceptable credit in order to receive a baccalaureate degree. For academic classification purposes a freshman is a student who has completed fewer than 26 hours; a sophomore, from 26 through 55; a junior, from 56 through 85; and a senior 86 or more.

ACADEMIC LOAD

The normal academic load for undergraduate students is 15-16 hours. The maximum is 18 hours, 21 with a Dean's approval.

The University considers 12 hours as the minimum number to constitute full-time attendance for undergraduate students. This is the figure used for enrollment reporting purposes, by the Illinois State Scholarship Commission, and for Public Law 358 on the undergraduate level. Students attending school under some type of scholarship or assistance program that requires them to be enrolled as full-time students should check with the University office administering the program on this point. Further information on Public Law 358 is available at the Student Work and Financial Assistance Office.

Students on scholastic probation may not take more than 14 hours without approval of the head of their academic unit. Students employed full-time may not register for more than eight hours.

GENERAL EDUCATION FOR THE TRANSFER STUDENT

A transfer student with an associate degree in a baccalaureate oriented program from an accredited Illinois two-year institution will be accepted as meeting all of the General Education requirements of Southern Illinois University at Carbondale. Associate degrees earned at other than Illinois two year institutions will be reviewed by the Office of Admissions and Records. If the degree is determined to have comparable subject areas and credit hours, and is considered baccalaureate oriented, the same benefits will be extended to those graduates. The degree will not, however, waive specific academic unit or major and minor requirements which may be offered via General Education courses. A transfer student without this degree who expects to graduate from SIUC must meet the General Education requirements. These requirements need not be completed prior to transfer but must be fulfilled to meet the general graduation requirements.

NEW General Education Requirements -- For students who began college Fall 1985 or later. An additional change was made effective with the 1988 summer semester. GE-D 102 replaced GE-D 117, 118 and 119. This change increased the English Composition requirement from 5 to 6 semester hours, the GE-D area requirements from 11 to 12 hours, and the total General Education Program requirement from 45 to 46 semester hours.

AREA A: Our Physical Environment and Biological Inheritance 9

Core: Select one 3-hour course from each of the following two groupings:

1. GE-A 101 or GE-A 106 or GE-A 110
2. GE-A 115 or GE-A 117 or GE-A 118

Elective: One additional course selected from any other courses offered in GE-A.

AREA B: Our Social Inheritance and Social Responsibilities 9

Core: Select one 3-hour course from two of the following three groupings:

1. GE-B 103 or GE-B 104 or GE-B 105
2. GE-B 114 or GE-B 211
3. GE-B 108 or GE-B 202

Elective: One additional course selected from any other courses offered in GE-B.

AREA C: Our Insights and Appreciations 9

Core: Select one 3-hour course from two of the following three groupings:

1. GE-C 100 or GE-C 101
2. GE-C 102 or GE-C 208
3. GE-C 122 or GE-C 330

Elective: One additional course selected from any other courses offered in GE-C.

Additional coursework from Areas A, B, or C 3

Students must complete a total of 30 semester hours in Areas A, B, and C. Within each area, they must complete a minimum of 9 semester hours with the required distributions. The remaining three semester hours may be selected from any coursework offered in Areas A, B, or C or from the approved substitution list which has not already been counted for General Education.

AREA D: Organization and Communication of Ideas 12

Composition: GE-D 101 and GE-D 102. GE-D 120, if completed with a grade of C or better, will also complete the composition requirement. 6

GE-D 101 must be completed with a grade of C.

Speech: GE-D 152 or GE-D 153 3

Mathematics: GE-D 107 3

Mathematics 114 will also complete the mathematics requirement.

AREA E: Human Health and Well Being 4

GE-E 107 or GE-E 201 or GE-D 236 2

Two hours selected from physical education activity courses offered in GE-E 2

TOTAL 46

Some programs and upper division academic units require specific General Education courses, particularly in English composition.

OLD General Education Requirements -- For students who began college prior to Fall 1985.

The General Education Curriculum for the baccalaureate degree is divided into five major areas; the requirements in each area are as follows.

AREA A	Our Physical Environment and Biological Inheritance	9
AREA B	Our Social Inheritance and Social Responsibilities	9
AREA C	Our Insights and Appreciations	9
	Additional coursework from Areas A, B, and/or C	3
AREA D	Organization and Communication of Ideas	11
AREA E	Human Health and Well Being	<u>4</u>
TOTAL		45

Students must complete a total of 30 semester hours in Areas A, B, and C. Within each area, they must complete a minimum of 9 semester hours, and they must include coursework from at least 3 different disciplines in each Area. The remaining 3 semester hours may include coursework from any one of Areas A, B, or C, or from any combination of these three Areas.

Within Area D, the following are required: 5 semester hours of English composition; 4 semester hours of mathematics; and 2 semester hours of speech or other oral communication as offered in Area D. Some programs and upper division academic units have specific requirements for demonstration of competence in English composition. A student may determine which programs or units have this requirement by referring to college and school requirements listed in Chapter 4 of the University Catalog.

In Area E, the courses taken must include more than one activity or subject. Prospective teachers should also check the section in the University Catalog titled Professional Education Experiences to determine if Health Education coursework should be included in their four hours of Area E requirements.

Area A: Our Physical Environment and Biological Inheritance (GE-A)

Area Requirements. A transfer student needs a total of no less than 9 semester hours of acceptable college level work in the area of science. A minimum of three different disciplines must be represented within this 9 hour block.

Courses which regularly count within this area are chemistry, physics, earth science, geology, botany, zoology, biological sciences, physical sciences, physical geography, a basic course in physiology, a basic course in astronomy, a general course in microbiology. (Technical physics may also be counted in this area).

Course-Hours

101	3	Conceptual Insights into Modern Communications Systems: From Hi-Fi Sound to Laser Beams
106	3	Chemistry for Non-Science Majors
110	3	Earth Science
115	3	Biology
117	3	Botany: Plants and Society
118	4	Introductory Zoology
202	3	Space Science - Astronomy
221	3	Survival of Man
230	3	Energy and the Future
240	3	Ecology
312	3	Conservation of Natural Resources
330	3	Weather

Area B: Our Social Inheritance and Social Responsibilities (GE-B)

Area Requirements. In the area of social studies a transfer student needs no less than 9 semester hours of acceptable work within a minimum of three different disciplines represented.

Courses which regularly count within this area are introductory courses in sociology, psychology, economics, government, political science, global or economic geography, anthropology, American, world, or European history.

Course-Hours

102	3	The Western World
103	3	Geography of the Human Environment
104	3	The Human Experience: Anthropology
105	3	The Contemporary World
108	3	The Sociological Perspective
112	3	Comparative Economic Systems
114	3	Introduction to American Government and Politics
202	3	Introduction to Psychology
205	3	Consumer Decision-Making
211	3	Contemporary Economics
215	3	Comparative Race and Ethnic Relations
221	3	Survival of Man
250	3	Politics in Foreign Nations
262	3	Marriage and Family in Contemporary Society
301	3	Modern America from 1877 to the Present

Area C: Our Insights and Appreciations (GE-C)

Area Requirements. A transfer student needs a total of no less than 9 semester hours of acceptable college level work in the area of humanities. A minimum of three different disciplines must be represented within this 9 hour block.

Courses which regularly count within this area are in art and music appreciation, art and music history, survey courses in humanities, philosophy, oral interpretation of literature, survey literature courses such as poetry, fiction, modern literature, English and American literature.

NOTE: A student may substitute on an hour-for-hour basis a maximum of 4 semester hours of foreign language counting as one discipline toward the Area C requirement.

Course-Hours

100	3	Music Understanding
101	3	Introduction to Art
102	3	Problems in Philosophy
103	3	Introduction to Theater
104	3	Moral Decision
122	3	Appreciation of Literature
200	3	Oral Interpretation of Literature
204	3	Meaning in the Visual Arts
205	3	Innovation for the Contemporary Environment
208	3	Elementary Logic
213	3	East Asian Civilization
215	3	Types of Religion
221	3	Survival of Man
230	3	Classical Civilization
330	3	Classical Mythology
340	3	The Western Cultural Tradition
345	3	Literature and the Modern World

Area D: Organization and Communication of Ideas (GE-D)

Area Requirements. A transfer student needs a total of no less than 12 semester hours of acceptable college level work in the area of communications. Within Area D, the following are required: 6 semester hours of English composition; 4 semester hours of mathematics; and 2 semester hours of speech or other oral communication as offered in Area D. Some programs and upper division units have specific requirements for demonstration of competence in English composition. Students should consult the University Catalog to determine Area D requirements of the various schools and colleges at SIUC.

Course-Hours

101	3	English Composition
102	3	English Composition II
107	3	Intermediate Algebra
120	3	Freshman Honors Composition
152	3	Interpersonal Communication
153	3	Public Speaking

Area E: Human Health and Well-Being (GE-E)

Area Requirements. A transfer student needs a total of no less than 4 semester hours of acceptable college level work in Health and/or Physical Education. The courses taken must include more than one activity or subject. Prospective teachers should consult College of Education requirements to determine if Health Education coursework must be included in the four hour Area E requirement.

Course-Hours

100	1 to 4	Restricted Physical Education
*101	1 to 24	Aquatics
*102	1 to 10	Physical Fitness
*103	1 to 16	Dance
*104	1 to 34	Individual and Dual Activities
*105	1 to 12	Team Activities
*106	1 to 6	Martial Arts
107	2	Life, Leisure and Recreation
*114	1 to 4	Intermediate Individual and Dual Activities
201	2	Healthful Living
236	2	Nutritional Ecology

*Consult SIUC Undergraduate Catalog to determine various activities.

Special Note: Veterans may qualify for Area E credit for their military experience. See section on Evaluation of Credit.

Miscellaneous

The preceding General Education requirements are not applicable to community college transfer students who have received an associate degree within an acceptable baccalaureate oriented program. This degree will automatically satisfy all General Education requirements, but will not necessarily satisfy departmental prerequisite lower division courses required of the student's major area.

Students may satisfy some General Education requirements by making certain approved substitutions of departmental courses for specified General Education courses.

Any student who feels qualified to take a proficiency examination is eligible to apply. Credit is given to students passing proficiency exams. Credit by proficiency cannot exceed 30 semester hours. Application for proficiency exam should be initiated at the appropriate department.

Proficiency credit granted by other regionally accredited institutions will be recognized. Special regulations apply to proficiency credit earned through the College Level Examination Program (CLEP). See section on Evaluation of Transferred Credit.

APPROVED SUBSTITUTES

The departmental courses which have been approved as substitutions for General Education courses are listed below. In no case does the departmental course substitute for more credit hours than the credit hours allowed in the comparable General Education course.

General Education Course	Approved Substitutes
GE-A 101-3	One of: Physics 203, 205 or 3 semester hours of technical physics.
GE-A 106-3	One of: Chemistry 115, 140, 222, or 4 semester hours of technical chemistry
GE-A 110-3	Geology 220
GE-A 115-3	One of: Biology 306, 308, 309
GE-A 117-3	Botany 200
GE-A 202-3	Physics 203b or 205b
GE-A 240-3	Biology 307
GE-A 330-3	Military Credit for Meteorology
GE-A unassigned-3,6,9	Three, six or nine semester hours from University Honors 251a and/or 351a
GE-B 103-3	Geography 300
GE-B 211-3	One of: Agribusiness Economics 204; Economics 214, 215
GE-B unassigned-3,6,9	Three, six or nine semester hours from University Honors 251b and/or 351b
GE-C 100-3	Music 101 or three hours of 102, 013, 014, 017, 020, 021, or 022
GE-C 101-3	Art 100
GE-C 204-3	Art 207
GE-C Elective Area	A student with a full year (or its equivalent) of study in a single foreign language may substitute up to (4) hours in General Education Area (C).
GE-C unassigned-3,6,9	Three, six or nine semester hours from University Honors 251c and/or 351c
GE-A/B/C unassigned-3	Three hours for University Honors 251a/b/c or 351a/b/c
GE-D 101-3	Linguistics 101
GE-D 102-3	Linguistics 105
GE-D 107-3	One of: Mathematics 108, 109, 111, 114, 116, 117, 139, 140, 150, 151, 159, 250, 259, or 4 semester hours of technical mathematics at the level of intermediate algebra
GE-D 117-2	Linguistics 102
GE-D 118-2	One of: Linguistics 103 or 2 semester hours of technical writing
GE-E 101-114-1 to 2	Two semester hours from: Physical Education 115, 116, 117, 118, 119, 120, 170
GE-E unassigned-1 to 2	One to two semester hours from University Honors 251e and/or 351e
GE-E 201-2	Health Education 350
GE-E activity unassigned-1 to 2	ROTC Field Training

A maximum of 15 semester hours of comparable technical coursework can be substituted for General Education requirements.

EVALUATION OF TRANSFER CREDIT

Transfer credit for students admitted to the University is evaluated for acceptance toward University and General Education requirements by the Office of Admissions and Records after the admission decision has been made. All credit from a regionally accredited institution, and those in candidacy status, or from an institution that has its credit accepted by the reporting institution in the state including that which is vocational, occupational, technical or terminal is accepted at the time of admission. Courses which are remedial or developmental will not be accepted for transfer. The Office of Admissions and Records will determine the acceptance of credit and its applicability toward completion of University and General Education requirements of any transfer work which is used in the admission decision. Although transfer credit from both baccalaureate and non-baccalaureate programs may be considered in the admission process, the acceptance of such credit toward specific program requirements will be made by the department or agency directing the program.

All credit which is accepted and which is not applied to General Education requirements or to a specific program will be considered elective credit. The decision will be made depending upon the program the student has completed and the program entered at Southern Illinois University at Carbondale. A student should not expect to receive credit if the transfer work was taken at a school which is not regionally accredited and whose credit is not accepted by the reporting institution in the state.

Completion of an associate degree in a baccalaureate oriented program in an accredited Illinois two-year institution provides that the student will: a) be accepted with junior standing and (b) be considered to have completed the General Education requirements. Associate degrees earned at other than Illinois two-year institutions will be reviewed by the Office of Admissions and Records. If the degree is determined to have comparable subject areas and credit hours, and to be baccalaureate-oriented, the same benefits will be extended to those graduates. Credit from an accredited two-year institution is limited only by the provision that students must earn at least 60 semester hours of work at Southern Illinois University or at any other approved four-year institution and must complete the residence requirements for a degree from the University.

Transcripts and Test Scores

Transfer students who have taken college level work at other institutions must have official transcripts of all work forwarded to the Admissions and Records Office. An official transcript from each college or university attended must be submitted. Failure to comply with this ruling, failure to indicate all institutions attended, or incorrect information regarding status at the other institutions can result in withdrawal of admission or dismissal for the student.

Transfer students who might qualify for advance standing must have both their ACT profile and their high school transcripts available in the Undergraduate Academic Services office. It is the student's responsibility to see that these items are submitted. If credit for a General CLEP exam (except English) appears in another college's transcript, credit will be evaluated at SIUC. For the General English CLEP credit to be evaluated, transfer students must submit official scores of the General Examination of the College Level Examination Program (CLEP). Also, credit possibilities based upon formal service-school training programs, USAFI courses, and military experience will be evaluated upon submitting required papers.

Transfer students may be admitted and their work tentatively evaluated on the basis of a partial or incomplete transcript. If the final and complete transcript is not submitted, the student will not be allowed to register for a second semester of attendance. It should be noted that it is the student's responsibility to request transcripts be sent to the Admissions Office.

NOTE: If the evaluation appears to be in error, the student and/or his or her advisor should contact the Office of Admissions and Records.

Status of Institution

The annual publications entitled Transfer Credit and Practices of Selected Educational Institutions published by the AACRAO and Accredited Institutions of Higher Education published by ACE are used for guidance relative to the status of institutions for credit acceptance purposes.

Non-Regionally Accredited

For students who transfer from non-baccalaureate programs in non-regionally accredited institutions, special regulations also apply.

Occupational work taken from a non-regionally accredited institution presented by a student with an associate degree or equivalent and with a 'C' average will be evaluated as stated previously.

There is no provision for the granting of credit, except via proficiency examinations or by individual review by the academic unit the student enters, for students coming from a non-regionally accredited institution without the associate degree or equivalent or with less than a 'C' average.

All accepted occupational and technical credit will be examined by the department of the student's intended major to determine its applicability toward meeting degree requirements.

Foreign Schools

All work completed at foreign schools must be evaluated through the Admissions Office. Work is evaluated course by course. Courses must be considered equivalent in content to courses at SIUC before credit can be granted. Non-General Education credit will be evaluated by the department under question to determine its acceptability. Students who are transferring work from universities outside the U.S.A. are advised to bring with them official and detailed descriptions of those courses.

Undergraduate applicants must submit official transcripts of records from all secondary or middle schools and all universities, colleges, or professional schools attended. Secondary school records are not required from those who have earned a bachelor's degree or the equivalent thereof and are applying to the graduate school. Records must list subjects taken each year, along with the grades or marks received. Each transcript must include a complete list of all courses taken at that institution, the number of weeks and the number of hours per week in lecture and laboratory for each subject, and the grade received. There should be included a description of the grading system of each institution attended and, if possible, a statement of the student's scholastic rank in his or her graduating class.

Extension, Correspondence, Pass/Fail, Advance Standing, Proficiency

Work taken by extension or correspondence at regionally accredited institutions is accepted unconditionally toward the baccalaureate degree. No more than 30 hours may be in correspondence work. Correspondence work must carry a 'C' or better.

'D' Work

Hours of 'D' will be accepted under the same conditions as all other credits except for correspondence work as above.

Military Experience

Credit for military experience may be granted as follows:

Service of one year or more of active duty and honorable discharge allows six semester hours including two in physical education, two in health education, and two in aerospace studies.

Service of six months to a year may result in two hours in freshman aerospace studies only.

Service of less than six months allows no college credit.

Credit will be accepted for DANTES Subject Standard Tests within the limitations enforced for proficiency credit. No credit is allowed for college-level GED tests. In evaluating credit possibilities based upon formal service-school training programs, the recommendations of the American Council on Education as set forth in the U.S. Government bulletin, Guide to the Evaluation of Educational Experiences in the Armed Forces, are followed. In order to receive credit for military service, veterans must present a copy of discharge or separation papers to the Office of Admissions and Records.

Preparatory or Developmental Courses

Grades and credit for preparatory or developmental courses will not be used for evaluation purposes.

Repeating Courses and the GPA

For both admission and evaluation purposes grades earned in repeated course work will be averaged.

The University does not include an entering transfer's grade point average together with the SIUC GPA; rather, a transfer's SIUC GPA is based solely on work taken at this University.

PRE-PROFESSIONAL PROGRAMS

A program of study called "pre-professional" does not lead to a degree at SIUC. Pre-professional students who will be on campus longer than two years should enroll as double majors and enter the college which grants a degree in the second major. Students without an additional major will be enrolled in the College of Liberal Arts (pre-law and pre-theology majors), Undergraduate Academic Services (pre-nursing majors), or College of Science (other health career majors). Pre-professional programs are available in the following areas:

Dentistry (3 or 4 years)	Pharmacy (1 or 2 years)
Law (3 or 4 years)	Physical Therapy (2 to 4 years)
Medicine (including Osteopathic) (4 years)	Podiatry (3 to 4 years)*
Nursing (3 or 4 semesters)	Theology (2 to 4 years)*
Optometry (3 or 4 years)	Veterinary Medicine (3 or 4 years)

In addition to these pre-professional programs, the University offers professional curricula in engineering and law (Carbondale), medicine (Carbondale and Springfield), and dentistry and nursing (Edwardsville).

Pre-professional students may, subject to certain conditions, obtain a bachelor's degree after three years of work (90 semester hours) at SIUC plus one or more years of work in a professional school. During the three years at SIUC, the students must complete all requirements (other than elective hours) for the particular bachelor's degrees they are seeking.

In some cases, students may complete requirements for a major at the professional school, but this is permitted only upon the prior approval of the appropriate divisional head. Also, there needs to be completion of at least one year of professional work with acceptable grades in an accredited dental, law, optometry, podiatry, or veterinary school.

In all cases, SIUC graduation requirements must be met. Students must make the decision to seek a bachelor's degree before entering the professional school so that questions can be clarified early.

Students should be aware that the Testing Office schedules aptitude and/or admission tests for some professions; pre-registration is necessary for these tests.

*Recommended program not listed.

UNDERGRADUATE ACADEMIC SERVICES

Generally concerned with the freshman and sophomore years, Undergraduate Academic Services offers academic support programs designed to enhance opportunities for success for all its students.

Pre-Major Advisement Center

Pre-Major Advisement is the academic home for all students who wish to explore one, two, or several major fields before choosing their career goals. The Pre-Major Advisement Center provides each student with an experienced academic advisor who knows the requirements for all major programs and who will offer assistance in selecting an appropriate course of study.

Special Major

A student whose academic needs are not met by existing baccalaureate programs may arrange a special undergraduate degree program in lieu of a standard curriculum. For guidelines inquire at the office of the Associate Director for Advisement and Special Programs, Undergraduate Academic Services.

University Studies Program

The University Studies Program exists for those students who wish to take a broader approach to their education by not specializing. Students may work toward either a Bachelor of Arts or Bachelor of Science degree in University Studies.

Students interested in the University Studies Program may pick up the guidelines at Woody Hall C-117. After ascertaining eligibility for the program, the student should then consult with the University Studies advisor or the Associate Director for Advisement and Special Programs.

Center for Basic Skills

The Center for Basic Skills offers special academic assistance through a non-credit learning skills class and laboratory, academic monitoring and counseling, small group and individual tutorials. Although participation for some students may be required, any student is welcome to take advantage of this special service at no cost. Students should direct inquiries to the Associate Director of Support Programs, Undergraduate Academic Services.

COLLEGE OF AGRICULTURE

You want to be a part of an exciting, dynamic, fast-growing, high-technology industry, but you are not sure where you might fit into American Agriculture? Be assured this diverse, complex, science-based industry has room for you, and it needs your abilities. The College of Agriculture at SIUC, through programs in Agriculture, Forestry, and Food and Nutrition, can be the "open sesame" for you to enter the career of your choice.

For more than a century, America has been moving agricultural jobs from the farms to the cities, the suburbs and rural communities. As a result, the opportunities in agriculture are probably broader than in any other area of employment. No matter what your interests or the type of career you hope to follow, you can find your place in agriculture. Persons trained in agriculture are needed and they can serve humankind as they satisfy themselves. The spectrum of career opportunities for agriculture graduates ranges from the rural producer, through the many processing and distributing occupations, to those who provide services to the agricultural food and natural resource industries.

The curricula of the five departments of the College of Agriculture which are presented on the following pages provide opportunities for students with wide-ranging interests and abilities in the physical, biological, and social sciences. In Agriculture, you learn to apply these basic sciences in helping to solve food, fiber, environmental and ecological problems--whether these problems are found in the local community, state or nation, or in an international or global context.

MAJORS OFFERED:

Agribusiness Economics	Animal Science
Agricultural Education	Food and Nutrition
Agricultural Education & Mechanization	Forestry
Agriculture General	Plant and Soil Science

FACILITIES: The offices, classrooms and laboratories for all programs in the College of Agriculture except food and nutrition are in the Agriculture Building. Those for food and nutrition are in Quigley Hall. Additional SIUC-owned facilities devoted to teaching and research in the College of Agriculture include nearly 2,000 acres of farm and timber land, 15,575 square feet of greenhouse space, and special centers devoted to each of six species of livestock.

ACCREDITATION: North Central Association of Colleges and Secondary Schools.
American Dietetics Association (for Food & Nutrition)
Society of American Foresters (for Forestry)
National Council for Accreditation of Teacher Education
(for Agricultural Education)
National Association of State Universities and Land-Grant Colleges

UNDERGRADUATE DEGREE OFFERED: Bachelor of Science.

GRADUATE PROGRAMS: The College of Agriculture has programs leading toward the Master of Science degree and a joint program with the Colleges of Science and Education leading to the Ph.D. degree. Many of the programs are mentioned in this section, but there are additional options, available only at the graduate level. For more information, consult with the College of Agriculture, the Graduate School, or the Graduate Catalog.

ORGANIZATIONS: Scholastic and Professional Honoraries: Alpha Zeta (agriculture); Pi Alpha Xi (floriculture and ornamental horticulture), and Xi Sigma Pi (forestry). Special interests: Alpha Gamma Rho Agriculture Fraternity. Departmental: Agbassadors; Agricultural Computer Club; Agricultural Mechanization Club; Agribusiness Economics Club; Agricultural Communicators of Tomorrow; Agriculture Student Advisory Council; Block and Bridle Club; Collegiate FFA; Forestry Club; Horse Club; Plant and Soil Science Club; Pre-Veterinary Science Club; Society of American Foresters Club; Dairy, Livestock, and Poultry Judging Teams.

TRANSFER STUDENTS: If agriculture is offered for transfer credit at a regionally accredited associate degree granting college, introductory courses in the various fields may be accepted at SIUC in lieu of equivalent courses. For transfer students wishing to pursue a concentration in one of the agricultural, food or forestry areas, courses prior to entering SIUC should include physical and biological sciences, social sciences, and humanities. In addition, a course in speech and appropriate sequences in English composition and intermediate or college algebra should be included. All majors within the College of Agriculture must have work in: mathematics; botany or zoology or biology; chemistry; economics; and speech.

Persons who have an Associate in Applied Science degree in an occupationally oriented program should inquire into the possibilities of entering the College of Agriculture under the Capstone Program, which is explained in another section of this handbook.

FOR FURTHER INFORMATION:

Assoc. Dean for Instruction	New Student Admission Services
College of Agriculture	Phone (618) 536-4405 (direct)
Phone (618) 453-2469	Phone (800) 642-3531 (toll free)

COLLEGE OF BUSINESS AND ADMINISTRATION

The College of Business and Administration, located in Henry J. Rehn Hall, aims to prepare students to perform successfully in business and other organizations functioning within a changing social, economic, and political environment. Study provides the student with fundamental principles and practices of organizational behavior and allows the mastering of knowledge and skills for effective management. The curriculum provides a broad base for understanding business while simultaneously allowing in-depth study within an area of concentration. Students find that the professional education they receive in the college is desired by business, governmental units, and other public institutions. The advanced curriculum, computer experience, and internship programs provide students not only with a meaningful education but with a means of relating that education to organizations and commerce.

ACCREDITATION: American Assembly of Collegiate Schools of Business (AACSB), and North Central Association of Colleges and Secondary Schools.

DEGREES OFFERED: Bachelor of Science.

Accounting Business and Administration Business Economics Finance Financial Management Financial Institutions	Management Entrepreneurship Management Decision Sciences Marketing
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GRADUATE PROGRAM: The College of Business and Administration offers the Master of Business Administration (M.B.A.), Master of Accountancy (M.Acc.), and Doctor of Business Administration (D.B.A.) degrees.

ORGANIZATIONS: Scholastic and Professional Honoraries: Alpha Kappa Psi (Business), Beta Alpha Psi (Accounting), Beta Gamma Sigma (Business), Phi Gamma Nu (Business), Pi Sigma Epsilon (Marketing), and the Society for Advancement of Management (SAM) and American Marketing Association (AMA). Departmental: Concerned Professional Accountants, American Marketing Association, College of Business and Administration Student Council, Financial Management Society.

RETENTION POLICY: In order to continue enrollment in a major offered by the College of Business and Administration, students must maintain a 2.20 Southern Illinois University cumulative grade point average. Students must also complete the following nine courses with an overall C average, before attaining junior status (56 semester hours). It is also necessary for students to have completed with a grade of C or better seven of these nine courses. The nine retention courses or the equivalencies are GE-D 101; GE-B 202; Mathematics 139 and 140; Economics 208 and 214; Accounting 220 and 230; and Computer Science 212 or Computer Information Processing 229. Students who have completed 42 semester hours or more without completing at least six of the prescribed nine courses will be subject to termination from the college.

TRANSFER STUDENTS: The College of Business and Administration will accept college level credit earned in business and economics courses from any accredited two- or four-year institution toward the 120 semester hours required for graduation. However, if such courses are offered at the lower division (freshman and sophomore) level at the institution where taken, only courses shown below will be accepted as substitutions for college required courses.¹

<u>Courses</u>	<u>Semester Hours</u>
Principles of accounting	6.0
Cost accounting	3.0
Economic principles	6.0
Business/economic statistics	3.0
(where college algebra is a prerequisite)	
Basic computer course ²	3.0
Legal and Social Environment of Business	3.0

Students also have the opportunity of validating additional coursework and nothing in the above statement abridges a student's right to satisfy graduation requirements by proficiency (or competency) examinations. Such examinations are treated as a student right by the college and are available for most courses.

¹At least 40% of the coursework of all business majors, but not more than 60%, must be in Economics and Business prefix courses. This is called the 40% rule.

²Computer coursework completed at other universities and colleges will be accepted as transfer credit for the College of Business and Administration's core computer requirement if that course has been approved as an equivalent course by the College of Business and Administration. In this approved course, students should complete instruction in at least these three components: a database, spreadsheet, and a high level computer language (BASIC is preferred).

Further, coursework with emphasis on unit record or data processing equipment will not be considered equivalent to the college's computing requirement. Acceptable coursework should have a one-language base and present the student with advanced programming concepts, e.g., loops, arrays, etc.

ADMISSION POLICY: The following admission policy for the College of Business and Administration took effect Summer, 1986, and applies to all students who enroll at Southern Illinois University after May, 1986.

Freshmen: Beginning freshmen must rank in the top ten percent of their high school graduating class and have an ACT standard composite score of 21 or rank in the top half of their high school graduating class and have an ACT standard composite score of at least 24 to be eligible for immediate admission to majors offered by the College of Business and Administration. New freshmen who do not meet these requirements but do fulfill regular Southern Illinois University admissions requirements will be admitted to the university with a pre-business major classification.

Transfer Students: Transfer students who have completed fewer than 26 semester hours must meet the admissions requirements of beginning freshmen and must have earned a collegiate grade point average of 3.00 (4.00 scale) to be admitted directly to a major in the College of Business and Administration. Students who have completed more than 26 hours, but fewer than 56 hours must have earned a grade point average of 3.00 to be admitted directly to a major in the College of Business and Administration. Students who have completed 56 hours or more must have earned an overall grade point average of 2.20 and completed all nine of the College of Business and Administrations retention courses with an average of 2.00 in those courses to be admitted to a major in the College of Business and Administration. It is necessary also that seven of the retention courses be completed with a grade of C or better. (See College of Business Retention Policy on previous page.) Transfer students who do not meet these requirements, but do meet regular admission requirements will be admitted to the University with a pre-business classification.

A student's grade point average is determined by calculating all collegiate grades earned including repeated courses. All and only SIUC grades of A, B, C, D and F are included in the SIUC grade point average.

Southern Illinois University Students: Students who are currently enrolled or were previously enrolled at Southern Illinois University in a major outside the College of Business and Administration may request admission to a business program. They may be admitted to degree programs in business if they meet the requirements for beginning freshmen or transfer students. Students who do not meet new freshmen or transfer requirements may be granted admission with a pre-business classification provided they have an overall 2.0 average at Southern Illinois University.

Pre-Business Classification: Those beginning freshmen and transfer students admitted to the University with a pre-business classification may request admission to a College of Business and Administration degree program when:

1. They have earned an overall average of 2.20;
2. They have completed at least 42 semester hours;
3. They have completed six of the College of Business and Administration's nine retention courses with an average of 2.00 in those courses. Seven of the courses must be completed with a grade of 'C' or better.

Pre-business students enrolled at Southern Illinois University requesting admission to a degree program must complete an application for admission to the College of Business and Administration major. Students applying for spring must apply by October 1 of the preceding year, for summer by March 1 preceding the summer, and for fall by March 1 preceding the fall.

Because interest in business classes continues to be exceedingly high, it may be necessary to close admission to selected business majors without advance notice.

COLLEGIATE WARNING: Students who do not achieve an accumulative 2.20 SIUC grade point average in any semester or who fail to meet the retention course requirements as described above are subject to collegiate warning. Students who are on collegiate warning and do not earn a 2.20 SIUC grade point average in a subsequent semester will be placed on a status of collegiate dismissal.

A student who has been placed on collegiate dismissal will be transferred to Undergraduate Academic Services or may seek transfer to another University program if the student has a cumulative SIUC grade point average of 2.00. Students who are placed on collegiate dismissal and have less than a cumulative 2.00 University grade point average for work completed at the University but have not been suspended from the University will be placed in Undergraduate Academic Services.

FIRST COLLEGIATE DISMISSAL: The student on collegiate dismissal may not be readmitted to the college until the student has interrupted education in the college for a minimum of two semesters and shows evidence that the program of study can be successfully completed. For this purpose, summer session will be considered a semester.

After the two term interruption, the student may apply to the college Scholastic Committee for readmission. In this petition, the student should supply written evidence to include: 1) any extraordinary circumstances that contributed to the collegiate dismissal; 2) why the student thinks there is a reasonable chance to succeed in studies; and 3) what the student was doing during the interruption period that will contribute to further success.

Insufficient documentation to justify the request will result in denial of the request for that semester.

Business students on collegiate dismissal but eligible to continue at the University may be readmitted in certain cases upon approval of the Scholastic Committee without the two semester interruption.

SECOND AND SUBSEQUENT DISMISSALS: A student on collegiate dismissal for a second or subsequent time may apply for readmission after an interval of no less than two calendar years. There are no exceptions. Students requesting readmission who have been on dismissal two or more times must be referred to the Scholastic Committee as described above.

ADMISSION TO BUSINESS AND ADMINISTRATION CLASSES: Students who are on collegiate dismissal but eligible to continue at Southern Illinois University at Carbondale can take only the following business courses while on collegiate dismissal: ACCT 220, 230, and ECON/MGT 208 and 214, 215. Students are not restricted from taking other required non-business courses.

COLLEGE OF COMMUNICATIONS AND FINE ARTS

The College of Communications and Fine Arts is comprised of eight academic units:

School of Art
Department of Cinema and Photography
Department of Communication Disorders and Sciences
School of Journalism
School of Music
Department of Radio-Television
Department of Speech Communication
Department of Theater

More complete information about the programs offered in each of these academic units is provided under the departmental description.

Three service units are housed in the College:

The DAILY EGYPTIAN, a daily student newspaper with a circulation of 27,000.

The Broadcasting Service, operating *WSIU(FM)*, a public radio station; and *WSIU(TV)*, Carbondale, and *WUSI(TV)*, Olney, public television stations.

The University Museum.

Admission to the University is handled through the Office of Admissions and Records, but those students who desire more specific information about a major should make an appointment with an academic advisor of that department or school. Each department or school of the college has one or more individuals who will advise prospective students about major requirements, curriculum, activities, careers, and opportunities. Transfer students may also discuss transfer credit and placement in courses at Southern Illinois University at Carbondale.

Faculty of the college are engaged in research/creative activities concerning communications and the arts. They also provide consulting service and other communication services to schools, newspapers, radio and television stations, museums, arts centers, businesses, and governments. They hold professional memberships and serve as officers in various local, state, national, and international organizations in the communications media and in the arts. A number of special events are presented each year, including lectures by noted artists, music performances, dramatic presentations, art and photography exhibits, and film showings.

DEGREES OFFERED: Bachelor of Fine Arts - Art
Bachelor of Arts - Art, Cinema and Photography, Design,
Music, Theater, Radio-Television, Speech
Bachelor of Music
Bachelor of Science - Communication Disorders and Sciences,
Journalism, and Speech Communication

GRADUATE PROGRAMS: Master of Arts degree in Journalism, Speech Communication and Telecommunications; Master of Science in Communication Disorders and Sciences, Journalism, and Speech Communication; Master of Music degree in Music; Master of Music Education degree in Music; Master of Fine Arts degree in Art and Cinema and Photography; Doctorate of Philosophy degree in Communication Disorders and Sciences, Journalism, Speech Communication and Theater.

For specific information concerning graduate work, a student should consult the department of interest in the College of Communications and Fine Arts and the Graduate School.

FOR FURTHER INFORMATION:

Chief Academic Advisor
College of Communications and Fine Arts
Phone 618-453-4308

New Student Admission Services
Phone (618) 536-4405 (direct)
Phone (800) 642-3531 (toll free)

Southern Illinois University at Carbondale
Carbondale, Illinois 62901

COLLEGE OF EDUCATION

Preparation of teachers of all subjects taught in the public schools from pre-school through high school is the special function of the College of Education. In its graduate offerings, however, it broadens its efforts to include professional work for prospective college teachers and several specializations in school administration and supervision.

The College of Education, housed in the Wham Education Building, is the oldest unit of the University, which was originally chartered as Southern Illinois Normal University. Today the College is comprised of eight academic departments: Curriculum Instruction and Media; Educational Administration and Higher Education; Educational Psychology; Health Education; Physical Education; Recreation; Special Education; and Vocational Education Studies.

TEACHER EDUCATION PROGRAM APPROVAL: Each of the specializations in teacher education noted in this Counselor's Advisement Catalog has continuing approval from the Illinois State Teacher Certification Board.

ACCREDITATION: North Central Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education.

DEGREES OFFERED: Bachelor of Science.

GRADUATE PROGRAMS: Students can continue on the graduate level of the above programs and in some areas not listed. For more specific information, a student should consult with the College of Education and the Graduate School, and read the Graduate Catalog.

ORGANIZATIONS: Scholastic and Professional Honoraries: Kappa Delta Pi, Phi Delta Kappa, Pi Lambda Theta, Pi Omega Pi, Delta Pi Epsilon, Eta Sigma Gamma, and Alpha Lambda Delta. Departmental: Association of Childhood Education International, Council for Exceptional Children, Recreation Club, Student Education Association, Women's Recreation Association, Phi Beta Lambda, PE Majors Club, Vocational Education Studies Graduate Association, Illinois Vocational Home Economics Teachers Association, and Iota Lambda Sigma.

TRANSFER STUDENTS: Students preparing to teach should familiarize themselves with all the specific requirements and prerequisites for teacher certification. Also, admission to the University or to an academic unit does not admit a student to the formal Teacher Education Program (see Transfer Admissions-Eligibility).

One hundred clock hours of supervised pre-student teaching clinical experiences are required of all Teacher Education candidates. These hours are included in Education 310, 311, 314, 315 and 316, and are primarily planned for the junior and senior professional level of the program. Articulation of courses with Illinois community colleges provides a mechanism for some of the clock hours to be obtained prior to entering SIUC. Prospective students are encouraged to check for articulation of these courses prior to enrollment in similar community college courses.

Students are also required to have the equivalent of a three semester hour course on the characteristics of handicapped children and youth, and methodology for teaching the handicapped including the learning disabled. These requirements are also included in EDUC 310, 311, 314, 315 and 316 as well as methods and clinical experiences. For students who attended community colleges which have not articulated this requirement in equivalent courses, SPE 408 may be taken at SIUC. Further information on articulation of courses may be obtained from the Coordinator of Teacher Education Services, College of Education, Wham Education Building.

Students wanting to transfer occupational credit into the College of Education should consult a program coordinator in the Department of Vocational Education Studies to determine possible applicability of this credit toward meeting degree requirements.

FOR FURTHER INFORMATION:

Jacquelyn Bailey
Chief Academic Advisor
Teacher Education Services
Telephone - 618-453-2354
Wham Building, Room 135

Admissions Office
Woody Hall
Phone 618-453-4381

Southern Illinois University at Carbondale
Carbondale, Illinois 62901

SECONDARY EDUCATION

Students who elect to pursue a Bachelor of Science degree in the College of Education, for purposes of preparing to teach in junior or senior high schools, should select academic majors and minors from the areas included in the listing below. Included in the column headed Major are those areas for which Southern Illinois University has approval from the State of Illinois Office of Education and from the State Teacher Certification Board.

<u>Teaching Area</u>	<u>Major</u>	<u>Minor</u> ¹
Agricultural Education	X	
Art ²	X	
Biological Sciences	X	X
Black American Studies		X
Business Education	X	X
Chemistry	X	X
Earth Science		X
Educational Media		X
English	X	X
Foreign Languages	X	X
Geography	X	X
Health Education ⁴	X	
History	X	X
Home Economics Education	X	
Language Arts (English and Reading)	X	
Mathematics	X	X
Microbiology		X
Music ²	X	X
Vocational Education Studies	X	
(Business Education)		
(Health Occupations)		
(Home Economics Education)		
(Industrial Education)		
Philosophy		X
Physical Education	X	X
Physics	X	X
Physiology		X
Political Science	X	X
Psychology		X
Social Studies	X	
Sociology		X
Speech Communication	X	X
Theater		X
Zoology ³	X	X

¹All minors used for certification purposes must include a minimum of 18 semester hours.

²K-12 certification which includes secondary.

³A student with a major in zoology should have a minor in botany in order to meet certification standards for teaching biology at the high school level.

⁴Driver Education is offered for certification purposes in the Department of Health Education.

Jacquelyn Bailey
 Chief Academic Advisor
 Teacher Education Services
 Telephone - 618-453-2354
 Wham Building, Room 135

COLLEGE OF ENGINEERING AND TECHNOLOGY

The curricula in the College of Engineering and Technology are designed to provide instruction and to stimulate research. Attention is given to theories and their applications, and to creative and practical aspects.

ACCREDITATION: North Central Association of Colleges and Secondary Schools; the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET) for the Engineering programs, and the Technology Accreditation Commission of ABET for the Engineering Technology programs; National Association of Industrial Technology for Industrial Technology.

DEGREES OFFERED:

- Bachelor of Science - Civil Engineering
- Bachelor of Science - Electrical Engineering
- Bachelor of Science - Mechanical Engineering
- Bachelor of Science - Mining Engineering
- Bachelor of Science - Engineering Technology
- Bachelor of Science - Industrial Technology

GRADUATE PROGRAMS: Master's degree work is available in a number of specialties in engineering. A Ph.D. program in Engineering Science is also available. For specific information concerning advanced degree work, a student should consult the College of Engineering and Technology, the Graduate School and the Graduate Catalog.

ADMISSION TO ENGINEERING PROGRAMS: Admission requirements for freshmen, transfer, and international students are under "Admission Policies and Requirements."

RETENTION POLICY IN THE COLLEGE OF ENGINEERING AND TECHNOLOGY

Students in the College of Engineering and Technology are required to maintain a 2.0 grade point average in their major at all times. Students who do not meet this requirement are subject to collegiate warning. Students on collegiate warning who do not meet College retention standards are subject to collegiate dismissal. Admissions standards in the College require pre-engineering students to fulfill specific requirements to remain in good standing. Students who do not meet these requirements will be covered by the Collegiate Warning/Dismissal Policy.

TRANSFER STUDENTS: Students should note that the minimum mathematics requirement for baccalaureate degrees in the College of Engineering and Technology will vary, depending upon the curriculum followed. Prospective transfer students should study the following pages carefully. Students planning to transfer occupational credit toward a degree in industrial technology should consult with the Department of Technology concerning the applicability of such credit toward meeting degree requirements.

Graduates of occupationally-oriented programs should inquire into the possibilities of entering the College of Engineering and Technology in the Industrial Technology major under the Capstone Project. Requirements of this special program are mentioned in another section of this handbook.

FOR FURTHER INFORMATION: contact Dean, College of Engineering and Technology, telephone 618-453-4321.

COLLEGE OF HUMAN RESOURCES

The College of Human Resources offers the following majors leading to the Bachelor of Science degree:

Administration of Justice
Social Work

No specific unit requirements. Consult degree programs in catalog and handbook for specific degree requirements.

COLLEGE OF LIBERAL ARTS

The College of Liberal Arts offers the following majors leading to the Bachelor of Arts and Bachelor of Science degrees. Separate minors are listed and others are possible in most of these areas.

African Studies ¹	English	Museum Studies ¹
Anthropology	Foreign Language and International Trade	Paralegal Studies for Legal Assistants
Asian Studies ¹		
Chinese ¹	French	Philosophy
Classical Civilization ¹	Geography	Political Science
Classics	German	Psychology
Comparative Literature ¹	Greek ¹	Religious Studies
Computer Science	History	Russian
Earth Science ¹	Japanese ¹	Sociology
East Asian Civilizations ¹	Latin ¹	Spanish
Economics	Linguistics	Speech Communication ²
	Mathematics	Uncommon Languages ¹

¹Minor only.

²Liberal Arts major, not professional major.

College Requirements Effective Fall, 1978

Students beginning college anywhere Fall 1978 or later must satisfy the following requirements:

1. University requirements including those relating to General Education, residency, total hours, and grade point average.
2. Successful completion of requirements in an approved major in the College of Liberal Arts.
3. At least 40 hours of course work at the 300- or 400-level.
4. The Liberal Arts student must complete one year of a foreign language. In addition to General Education requirements, he or she must complete one course in either mathematics or computer science and one course in English composition.

Students should consult with an advisor at an early stage in their college career regarding any problems related to these requirements. Students planning to attend graduate school or one of the professional schools such as law or medicine should also consult with their advisers on how best to plan their undergraduate curriculum.

COLLEGE OF SCIENCE

The College of Science offers majors, and in most cases minors, leading to the Bachelor of Arts and Bachelor of Science degrees in the following fields of study:

Biological Sciences	Microbiology
Botany	Physics
Chemistry	Physiology
Geology	Zoology
Mathematics	

A minor in Earth Sciences is also offered.

Pre-professional programs are also offered in the following areas:

Dentistry	Podiatry
Medicine	Pharmacy
Optometry	Physical Therapy
Osteopathy	Veterinary Medicine

Academic Requirements:

None of these general academic requirements may be satisfied by taking the required courses on a Pass/Fail basis.

BIOLOGICAL SCIENCES: Six semester hours in courses offered by the biological sciences departments in the College with the proviso that this requirement cannot be satisfied in whole or in part by General Education courses, but may be substituted for the latter in meeting the General Education requirements.

FOREIGN LANGUAGE: The foreign language requirement can be met by one of the following: (a) passing an 8-hour, 100-level sequence in one language, (b) earning 8 hours of 100-level credit in one language by proficiency examination; (c) completing three years of one language in high school with no grade lower than C.

A student whose native language is not English may use the native language to satisfy part or all of the science foreign language requirement at Southern Illinois University. If the language is presently taught at SIUC, academic credit may be earned. If the language is not presently taught at SIUC, no credit is given, but partial or full satisfaction of the science foreign language requirement may be granted if the student's major department so recommends. A student whose native language is English but who has learned another language not taught at SIUC may qualify without credit for partial or full satisfaction of the science foreign language requirement under certain circumstances, including formal recommendation by the student's major department and availability of an examiner and examination materials within the Department of Foreign Languages and Literatures. For information, the student should consult the College of Science advisement center.

Four hours of foreign language may substitute for credit in GE-C provided the student has taken GE-C courses totalling five hours in two other disciplines.

MATHEMATICS: The mathematics requirement can be met by a) passing Mathematics 108, 109, or 111 or equivalent or Mathematics 140 or b) completing three years of high school mathematics with no grade lower than a 'C' and achieving a score on the University's Mathematics Placement Test which allows the student to enroll directly into Mathematics 150.

PHYSICAL SCIENCES: Six semester hours in courses offered by the physical science departments of the College, with the proviso that the requirement cannot be satisfied in whole or in part by General Education courses, but may be substituted for the latter in meeting the General Education requirements.

GENERAL REQUIREMENTS: At least 40 hours of the student's 120 hours for graduation must be at the 300 or 400 level. The total may include transfer credit for courses judged by the department involved to be equivalent to its upper division courses. For transfer students, at least 24 of these hours must be in residence.

COLLEGE OF TECHNICAL CAREERS

The College of Technical Careers, established in 1952, provides both two-year college-level programs and a unique baccalaureate program in technical careers. The associate degree programs qualify students for employment at the semi-professional and technical level in industry, the allied health occupations, and business. A combination of technical courses and general education courses is included in each program to provide a comprehensive preparation for occupational competence.

Scientific and technical changes have increased the possibilities for employment at the technician's level. For every professional person, industry and business require two to seven properly trained technicians.

The College of Technical Careers occupies facilities on the Carbondale campus and on the Carterville campus nine miles east of Carbondale on Old Route 13. Facilities for aviation programs are located at the Southern Illinois Airport, four miles west of Carbondale. The University provides shuttle bus service to the classes at the Carterville campus and airport.

Accreditation: North Central Association of Colleges and Secondary Schools; American Board of Funeral Service Education, Commission on Dental Accreditation of the American Dental Association, Committee on Allied Health Education, CAHEA and the Joint Review Committee for Respiratory Therapy Education, National Fire Protection Association, National Shorthand Reporters Association, National Institute for Automotive Service Excellence.

Degrees Offered: Bachelor of Science and Associate in Applied Science.

Associate in Applied Science Degree Programs

Allied Health Careers Specialties
Architectural Technology
Automotive Technology
Aviation Flight
Aviation Maintenance Technology
Avionics Technology
Commercial Graphics-Design
Computer Information Processing
Construction Technology
Dental Hygiene
Dental Technology

Electronics Technology
Law Enforcement
Photographic Production Technology
Mortuary Science and Funeral Service
Physical Therapist Assistant
Radiologic Technology
Respiratory Therapy
Secretarial and Office Specialties
Tool and Manufacturing Technology

Bachelor's Degree Programs

Advanced Technical Studies
Aviation Management
Consumer Economics and Family Management
Electronics Management
Fire Science Management (off-campus only)
Health Care Management
Interior Design

Organizations

Alpha Eta Rho (International Aviation Fraternity), Phi Beta Lambda (International), Sigma Phi Sigma (Mortuary Science), CTC Electronics Association, Delta Tau-Dental Lab, Junior SIU American Dental Hygiene Association, and Sigma Phi Alpha (Honorary Dental Hygiene Society). Society of Manufacturing Engineers student chapter.

Transfer Students

Transfer credit is evaluated for acceptance towards University and General Education requirements by the Office of Admissions and Records after an admission decision has been made. The evaluation toward satisfying of specific curriculum requirements is done by the department or agency directing the specific curriculum.

The General Education program at CTC includes courses in the social studies (economics, government, and psychology); in the physical sciences (physics, chemistry, and mathematics); and in oral and written communication (speech, English composition, business correspondence, and technical writing).

For further information

Dean
College of Technical Careers
Phone 618-536-6682

The psychology major consists of thirteen psychology courses including GE-B 202 for a total of 40 hours. College algebra or finite mathematics is also required. See the Undergraduate Catalog for the specific psychology requirements.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B	Introduction to Psychology	3	-
GE-C	Humanities (select) ¹	-	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 107	Intermediate Algebra	3	-
GE-E	Human Health and Well Being (select) ¹	2	2
MATH 108, 116			
or 139	Finite Mathematics or College Algebra ²	-	3-5
Elective ³		<u>3</u>	<u>3</u>
		14	17-19
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-C	Humanities (select) ¹	-	3
GE-B	Social Science (select) ¹	-	3
FL	Foreign Language ⁴	4	4
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
PSYC	Psychology Elective	3	3
Elective ³		<u>-</u>	<u>3</u>
		13	16

¹To determine what courses may be taken to satisfy the general education requirements for this program, please refer to the section, General Education for the Transfer Student.

²Besides being a required course for a major in Psychology, this math course may be used to partially fulfill the Liberal Arts requirement for students beginning college anywhere Fall 1978 or later (see College of Liberal Arts section).

³Elective hours should be used to explore areas of interest and to enhance career opportunities; or courses may be selected to satisfy Liberal Arts requirements (see College of Liberal Arts section).

⁴Two semesters (which is generally eight hours) of a foreign language are required for all Liberal Arts students who entered college anywhere Fall 1978 or later. However, four of these hours may be used for GE-C credit.

Psychology As A Major

The major program serves three main classes of students: 1) those who wish an interesting major but who plan no postgraduate academic work, 2) those who plan non-psychology graduate work for which an undergraduate major may be useful (e.g., medical school, social welfare, rehabilitation counseling), and 3) those preparing for graduate work in psychology. As a consequence, the program is aimed at providing broad general education rather than training in specialized psychological skills.

Representative First Job Titles: Alcoholism & Drug Addiction Researcher, Child Care Worker, Sales Agent, Senior Citizens Center (Director), Prisoner Classification Interviewer, Probation and Parole Incharge, Rehabilitation and Resettlement Personnel, Claims Authorizer, Drug Abuse Counselor, Mental Health Clinic Technician.

RADIO-TELEVISION

College of Communications and Fine Arts
(Bachelor of Arts)

Joe S. Foote, Chairperson
Telephone 618-536-7555
Communications Building, Rm. 1056

A major in Radio-Television may be pursued through the College of Communications and Fine Arts. The program leads to the Bachelor of Arts degree. The program is designed to prepare students for leadership positions in the broadcasting industry or in related fields. As a part of the educational experience, students are encouraged to gain actual experience in any phase of broadcasting at the University-operated stations or local stations. Student are encouraged to focus their studies in one of three specializations: 1) Broadcast News, 2) Broadcast Production, or 3) Broadcast Sales and Management.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A 101	Conceptual Insights into Modern Communication Systems	3	-
GE-A	Science (select) ¹	-	3
GE-B	Social Studies (select) ¹	3	3
GE-C	Humanities (select) ¹	3	3
*GE-D 101	English Composition ²	3	-
*GE-D 102	English Composition II ²	-	3
GE-D 152 or GE-D 153	Interpersonal Communication or Public Speaking	-	3
GE-E	Human Health and Well Being (select) ¹	2	1
		<u>14</u>	<u>16</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Studies (select) ¹	-	3
GE-C	Humanities (select) ¹	3	-
GE-D 107	Intermediate Algebra	-	3
GE-E	Human Health and Well Being (select) ¹	1	-
*R&T 300m	Intro. to Broadcast Writing, Performance, and Production ³	3	-
*R&T 300p	History and Foundations of Broadcasting ³	-	3
Elective	Advanced Courses beyond GE level Foreign Language or Computer Science	- 3-4	3 3-4
		<u>13-14</u>	<u>15-16</u>

*Required courses for a major in Radio-Television.

¹To determine what courses may be taken to satisfy the general education requirements for this program, please refer to the section, General Education for the Transfer Student.

²Each student in Radio-Television must complete GE-D 101 and 102 with a grade of 'B' by the end of his or her sophomore year or a grade of 'C' in English 290 (Advanced Composition) in order to take advanced courses in Radio-Television. Students must also demonstrate a typing ability of 30 words per minute.

³Radio-Television 300M and 300P are required of all majors before enrollment in other Radio-Television courses is permitted. Both RT 300M and 300P must be passed with a grade of 'C' or better.

Transfer of Broadcasting Credits

Transfer students with broadcasting credits in content covered by RT 300M and/or RT 300P may qualify for a Competency Test over that curriculum. If the 300M and/or 300P test is passed, the student need not repeat 300M and/or 300P at SIUC. Other broadcasting credits from two-year institutions may apply toward the major but not as equivalencies to any specific SIUC Radio-Television courses.

A minor of 15 hours is required of all students in Radio-Television. The minor should include courses in a single discipline outside the department and include courses beyond the GE level. Students should consult with their academic advisor for specific recommendations.

The major in Radio-Television consists of 35-38 hours minimum in Radio-TV coursework. Of those, 19 hours are required of all majors: RT 300M, RT 300P, RT 305, RT 308, RT 340, and RT 393. In addition, students are expected to develop a specialization in a single area by taking three or four concentrated courses in either News, Production, or Management. Students are also required to complete an 8 semester-hour block in computer programming or foreign language.

The Department of Radio-Television, with over 600 majors, is one of the largest and most respected programs of its kind in the nation.

Representative First Job Titles: Producer, Director, Sales Representative, News Writer, Copywriter, News Reporter, Newscaster, Announcer, Program Director, Sales Manager, Researcher, Community Affairs Director, Disc Jockey, Station Manager, Broadcast Engineer, Radio Account Executive, Camera Technician, Scriptwriter, News and Assignment Editor, Continuity Director.

Radiography is an allied health specialty concerned with the production of x-ray films which enable the physician to diagnose disease processes occurring in the human body. The curriculum is designed to prepare students to become registered radiologic technologists. Completion of the course provides graduates with the educational requirements necessary to take the national certification examination administered by the American Registry of Radiologic Technologists. Since 1980, 95 percent of program graduates have successfully completed this examination. This number is well above the national average.

To be accepted into the radiologic technology degree program the student must have completed the general education courses designated under "first year" below. The advanced radiologic technology courses combine classroom and clinical education which upon completion allows the graduate to become registry eligible and to receive an associate in applied science degree in radiologic technology.

FIRST YEAR - "PRE-REQUISITES"

Fall		<u>Lecture</u>	<u>Lab</u>	<u>Clinic</u>	<u>Credits</u>
GE-D 107	Intermediate Algebra	3	0	0	3
GE-D 152 or	Interpersonal Communication or	3	0	0	3
GE-D 153	Public Speaking	3	0	0	3
AHC 141	Intro to Physiology & Human Anatomy	4	0	0	4
AHC	Secondary Specialty-Allied Health	6	0	0	6
					<u>16</u>
<u>Spring</u>					
GE-A 106 or	Chemistry or	3	0	0	3
TC 107	Applied Physics	3	2	0	4
GE-B 202	Introduction to Psychology	3	0	0	3
GE-D 101	English Composition	3	0	0	3
AHC	Secondary Specialty-Allied Health	6	0	0	6
					<u>15/16</u>

SECOND YEAR - "PROFESSIONAL COURSES"

Fall		<u>Lecture</u>	<u>Lab</u>	<u>Clinic</u>	<u>Credits</u>
AHC 102	Introduction to Radiologic Technology & Radiographic Technique	4	0	0	4
AHC 112	Anatomy & Positioning I (8 wks.)	3	6	0	3
AHC 132	Anatomy & Positioning II (8 wks.)	3	6	0	3
AHC 202	Radiographic Physics	3	0	0	3
					<u>13</u>
<u>Spring</u>					
AHC 222	Clinic I (16 weeks)	0	0	36	10
AHC 372A	Film Critique I	4	0	0	2
					<u>12</u>
<u>Summer</u>					
AHC 212	Special Procedures	4	0	0	2
AHC 232	Selected Systems Radiography	6	4	0	4
					<u>6</u>

THIRD YEAR - "PROFESSIONAL COURSES"

Fall		<u>Lecture</u>	<u>Lab</u>	<u>Clinic</u>	<u>Credits</u>
AHC 332	Clinic II (16 weeks)	0	0	36	10
AHC 372B	Film Critique II	4	0	0	2
					<u>12</u>
<u>Spring</u>					
AHC 312	Radiographic Pathology	3	0	0	3
AHC 322	Cross-Sectional Anatomy & Radiographic Computerization	3	2	0	4
AHC 342	Radiation Biology, Therapy & Nuclear Medicine	2	0	0	2
AHC 352	Special Imaging Modalities	4	0	0	4
					<u>13</u>
<u>Summer</u>					
AHC 362	Clinic III (8 wks.)	0	0	40	4
AHC 372C	Film Critique (2 wks.)	16	0	0	2
					<u>6</u>

Available clinical facilities restrict program enrollment. Eleven area hospitals are used for clinical experiences. Interested persons should contact both New Student Admission Services and the Division of Allied Health and Public Service. Special application materials are included in the requirements for admission to the program.

Selection of the fall class will be completed on a first available, first served basis. Traditionally, the program is filled by April 15. However, applications will be processed and considered after that date as space becomes available. Eleven area community colleges participate in a "linkage" program whereby interested students may complete the first year of pre-requisite coursework.

RECREATION

(Program Services)
(Therapeutic Recreation)
College of Education
(Bachelor of Science)

Dr. John Allen, Chairperson
Telephone - 618-453-4331
Faner Hall, Room 4026

Jacquelyn Bailey
Chief Academic Advisor
Teacher Education Services
Telephone 618-453-2354
Wham Building, Room 135

The Department of Recreation prepares the student for positions in the management of leisure time pursuits.

The curriculum emphasizes the practical as well as the theoretical aspects of recreation by offering practicums, supervised field experiences, and internships in various recreation settings throughout Illinois and the nation.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select physical) ^{1,2}	3	3
GE-B	Social Science (select) ¹	3	-
**GE-B 202	Introduction to Psychology	-	3
GE-C	Humanities (select) ¹	3	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-E 201	Human Health and Well Being ¹	-	2
**REC 300	Introduction to Leisure and Recreation	3	-
**REC 302	Recreation Program Leadership	-	3
		<u>15</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
*GE-A 240	Ecology	3	-
GE-A	Science (select biological)	-	3
GE-B	Social Science (select) ¹	3	-
GE-C	Humanities (select) ¹	3	-
GE-D 107	Intermediate Algebra	3	-
GE-D 152 or 153	Interpersonal Communication or Public Speaking	-	3
GE-E	P.E. Activity ¹	-	2
**REC 305	Recreation Programming and Leadership	-	3
*HED 334	Standard First Aid	-	2
ACCT or PSYCHOLOGY	Electives	3	3
		<u>15</u>	<u>16</u>

¹Refer to the section General Education for the Transfer Student. See also the Undergraduate Catalog for specific departmental requirements.

²Therapeutic Recreation specialization requires a course in physiology approved by the department.

*Recommended, not required.

**Departmental requirements.

Recreation As A Major

Each student is expected to choose courses which will give a broad background in recreational activities and skills.

Students concentrating in recreation are encouraged to obtain the following certificates: American Red Cross Life Saving and Water Certificate, American Camping Association Campcraft Certificate, workshop certificates in recreation sponsored by the state and national recreation and park associations, and other certificates in instructional areas are desirable in preparation for positions in recreation management.

Representative First Job Titles: State Social Service Career Trainee, State Recreation Worker, Recreation Specialist, Activity Director, Recreation Supervisor, Operations Manager, Field Instructor, Program Director, Recreational Therapist.

If you are interested in any one or more of the following questions, think seriously about doing some work in Religious Studies: 1) Does my religious faith need to be examined and refined? 2) Am I suspicious that religion may be doing more harm than good? 3) Do I get involved in arguments about religion with other students? 4) Is modern society doomed because people are losing religious faith? Or because the churches are not doing the right things? 5) Is religion outdated in the modern world? 6) Are all religions basically alike? Or do they have serious differences and conflicts? 7) What do non-Christians believe?

Any one question or combination of these questions makes Religious Studies a fruitful and exciting academic program.

The study of religion, like politics, economics, the arts and technology, is one of the major ways of understanding what makes people behave as they do. Religion is one of the world's oldest modes of behavior, both social and individual. The Religious Studies Department does not promote any one religion; rather it provides a neutral territory for comparing religious options, both old and new. Such a study is particularly useful for anyone who wants to work with people.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Science (select) ¹	3	3
FL	Foreign Language ²	4	4
GE-D 101	English Composition ¹	3	-
GE-D 102	English Composition II ¹	-	3
GE-D 107	Intermediate Algebra	-	3
GE-E	Human Health and Well Being (select) ¹	<u>2</u>	<u>2</u>
		15	15
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Science (select) ¹	3	-
GE-C 215	Types of Religion	3	-
GE-C	Humanities (select) ¹	-	3
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
MATH or CS	Math or Computer Science ³	-	3
RELS 201	Issues in Religion	-	3
Elective ⁴		<u>4</u>	<u>3</u>
		16	15

¹To determine what courses may be taken to satisfy the general education requirements for this program, please refer to the section, General Education for the Transfer Student.

²Two semesters (which is generally eight hours) of a foreign language are required for all Liberal Arts students who entered college anywhere Fall 1978 or later. However, four of these hours may be used for GE-C credit. Greek or Hebrew is recommended.

³One of these courses may be used to partially fulfill the Liberal Arts requirement for students beginning college anywhere Fall 1978 or later.

⁴Elective hours should be used to explore areas of interest and to enhance career opportunities; or courses may be selected to satisfy Liberal Arts requirements (see College of Liberal Arts section).

Religious Studies As A Major

The primary prerequisite for a major in Religious Studies is not any one course, but rather, an open minded interest in the academic study of religion. To discover whether such interest exists, a student is advised (a) to take GE-C 215 plus one elective before the end of the sophomore year; and (b) to confer with the Director of Undergraduate Studies, Faner 3339. In some instances, the department permits a student to receive major credit for courses taken in departments other than Religious Studies.

Representative First Job Titles: Director of Religious Education.

RESPIRATORY THERAPY
College of Technical Careers
(Associate in Applied Science)

Stanley Pearson
Program Coordinator
Telephone 618-536-6682
Technical Careers Building
Room 137

Respiratory therapy is an allied health specialty concerned with the treatment, management, control, and care of patients with deficiencies and abnormalities associated with respiration. It involves the therapeutic use of medical gases and administering apparatus, environmental control systems, medications, ventilatory control and breathing exercises, cardiopulmonary resuscitation, and measures and maintenance on natural, artificial, and mechanical airways.

The respiratory therapy curriculum is designed to prepare students to become registered respiratory therapists. Completion of the course provides graduates with the educational requirements necessary to take the national registry examination administered by the National Board of Respiratory Care (NBRC) and the Pulmonary Specialty Exam (CPFT).

To be accepted into the respiratory therapy degree program, the student must be admitted to both the University and the Allied Health Careers Specialties program. The advanced respiratory therapy courses consist of both formal classroom and off-campus clinical experiences. The clinical experience will be in a variety of locations to provide maximum opportunity for procedures. Upon satisfactory completion of the curriculum, the student is awarded two associate degrees.

It is highly recommended the student complete all pre-requisites before starting the professional sequence. The student should have all program application materials completed in the spring semester for fall entry. Availability of clinical sites and instructors restrict program enrollment.

The professional courses can be completed in 1½ calendar years (three semesters and one summer session). While the regular semesters will utilize both classroom and clinical education experiences, the final fall semester is a full-time clinical internship at a designated full-service hospital, often in the student's home town or proximity.

Requirements for Major in Respiratory Therapy

Completion of Allied Health Careers Specialties degree program	64
Respiratory Therapy Advanced Courses (AHC designated)	23
	<u>87</u>

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A 106	Chemistry	3	-
GE-A 115	Biology	3	-
GE-B 202	Psychology	-	3
GE-D 101	English Composition	3	-
GE-D 107	Algebra	3	-
GE-D 152	Interpersonal Communication	-	3
AHC 141	Intro to Physiology & Human Anatomy	-	4
MICRO 201	Microbiology	-	4
TC 107A	Applied Physics	-	3
***AHC	Elective	6	3
		<u>18</u>	<u>20</u>

<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
AHC 203	Principles of Respiratory Therapy	5	-
AHC 213	Respiratory Therapy Exercises	1	-
AHC 223	Patient Care Techniques	2	-
AHC 243	Cardiopulmonary Physiology	3	-
AHC 253	Clinical Practice I	1	-
AHC 263	Principles of Mechanical Ventilation	-	3
AHC 273	Mechanical Ventilation Laboratory	-	1
AHC 283	Survey of Pulmonary Diseases	3	-
AHC 293	Clinical Practice II	-	2
AHC 323	Respiratory Pathophysiology	-	3
AHC 343	Neonatal/Pediatric Respiratory Care	-	2
AHC 363	Pulmonary Evaluation and Monitoring	-	3
***AHC	Elective	3	3
		<u>18</u>	<u>17</u>

		<u>Summer</u>
AHC 300	Trends and Issues in Allied Health	3
AHC 313	Pharmacology	3
		<u>6</u>

<u>Third Year</u>		<u>Fall</u>
AHC 353	Clinical Internship	8
AHC 373a	Clinical Practice III - Special Procedures	2
AHC 353b	Clinical Practice III - Research Project	2
		<u>12</u>

***AHC electives (twelve credit hours) must be approved by the respiratory therapy advisor.

SEE ALLIED HEALTH CAREER SPECIALTIES

Programs of study in foreign languages leading to the Bachelor of Arts degree (with or without teacher certification) are offered in Classics, Foreign Language and International Trade, French, German, Russian, and Spanish. There is also a special major in East Asian Studies leading to the Bachelor of Arts degree for students who have a professional or occupational interest in Asia.

Students majoring in a foreign language usually begin at the second or third level. The student who has taken two years of one foreign language in high school (or equivalent) has the option to earn proficiency credit through taking a proficiency exam in Latin at the Testing Center or in Chinese, Greek, Japanese, Russian, at the Foreign Languages and Literatures Department. The Foreign Language Department will honor CLEP exams in French, German and Spanish. As an alternative or for additional credit, students who can enter at the 200 level or above are encouraged to take a validating course. Since credit of up to 16 hours is available, such students are in an advantageous position to complete a double major.

In addition to the personal satisfaction and substantial growth in intellectual resources that come with mastery of a new language, there are numerous types of employment and career possibilities that are opened up by appropriate training in foreign languages. These can be classified as: 1) employment in non-language areas where language proficiency is a supporting factor, and 2) language-centered careers. Government agencies (federal, state, and many local), and businesses that have international dealings, employ great numbers of individuals on the basis of skills that are basically non-linguistic (scientists, engineers, librarians, social workers).

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B	Social Science (select) ¹	3	3
GE-C	Humanities (select) ¹	3	-
GE-D 101	English Composition ¹	3	-
GE-D 102	English Composition II ¹	-	3
RUSS 136a,b	Elementary Russian ²	4	4
GE-E	Human Health and Well Being (select) ¹	2	-
GE-D 107	Intermediate Algebra	-	3
		<u>15</u>	<u>16</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Science (select) ¹	-	3
GE-C	Humanities (select) ¹	3	-
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
RUSS 201a,b	Intermediate Russian ³	4	4
GE-E	Human Health and Well Being (select) ²	2	-
MATH or CS Elective	Math or Computer Science ⁴	-	3
		<u>15</u>	<u>16</u>

*See also Foreign Language Education under the College of Education.

¹See General Education for the Transfer Student.

²Two semesters (generally eight hours) of a foreign language are required for all Liberal Arts students who entered college during Fall 1978 or later. However, four of these hours may be used for GE-C credit. The first year of Russian does not count toward the major.

³Required by major. Students with more than one year of high school Russian should take at least one substantial course in the Russian major each semester.

⁴One of these courses may be used to partially fulfill the Liberal Arts requirements for students beginning college anywhere Fall 1978 or later.

Russian As A Major

A major in Russian consists of 36 semester hours in courses above the 100 level with a minimum of 12 hours on the 300 level, 12 hours on the 400 level including at least one literature course, and 4 hours of 300 or 400 level Russian electives. A minor in Russian consists of 18 semester hours in courses above the 100 level.

Transfer students who major in a foreign language must complete a minimum of 12 semester hours in language courses at SIUC.

Representative First Job Titles: Airline Stewardess, Customer Services Personnel, Public Relations Officer, Publications Personnel, Executive Secretary, Interpreter, Continuity Writer, Copywriter, Correspondent, Critical Writer, Editorial Writer, Feature Writer, Program Assistant.

SECRETARIAL AND OFFICE SPECIALITIES

College of Technical Careers
(Associate in Applied Science)

Susan S. Rehwaldt
Program Coordinator
Telephone-618-536-6682
Technical Careers Building
Room 107

Current developments in office systems and related technologies are opening up many opportunities for information support personnel with special interests and extensive, specialized skills. Both men and women find rewarding careers in legal, medical, and administrative support, information and word processing systems, and court reporting fields. Students gain office skills through a core of basic courses, and then draw from a variety of related technical and business programs.

Office Skills As A Major

Basic requirements are the same for legal, medical, administrative secretarial and word processing specialist. These are usually taken the first year:

SCR 101 a,b,c,d (10)	Keyboarding
SCR 104 (3.5)	Introduction to Machine Transcription
SCR 107 (2)	Filing
SCR 109 (3)	Calculating Machines
SCR 201 (4)	Co-op Work Experience
SCR 208 (3)	Business Law I
TC 120 (3)	Fiscal Aspects of Technical Careers (Basic Accounting)
GED 118 (2)	Technical Report Writing (Specialized Section)
TC 101 (3)	Business Communication
GED 101 (3)	English Composition

The specialty requirements for the legal secretarial area are:

SCR 102a, b, c, d, (10)	Shorthand (or SCR 183a, b, c, d Machine Shorthand)
SCR 209 (3)	Applied Law II
SCR 220 (4)	Legal Document Production
SCR 222a,b (6)	Legal Terminology/Shorthand
SCR 223 (3)	Legal Administrative Support Procedures
SCR 233 (3)	Administrative Support Procedures

Persons completing the legal secretarial program will be eligible to be admitted under the Capstone program into the paralegal studies program in the SIUC College of Liberal Arts.

The specialty requirements for the medical program are:

GE-D 152 (3)	Interpersonal Communication
SCR 211 (3)	Health Insurance Processing
SCR 212a,b (6)	Medical Terminology/Transcription
SCR 213 (4)	Medical Administrative Support Procedures
GEB 202 (3)	Introduction to Psychology
AHC 141 (4)	Anatomy and Physiology

The specialty requirements for the word processing area are:

GE-D 152 (3)	Interpersonal Communication
SCR 140 (3)	Word Processing Concepts
SCR 205 (2)	Office Management and Supervision
SCR 233 (3)	Administrative Support Procedures
SCR 240 (3)	Word Processing Applications I
SCR 241 (3)	Word Processing Applications II
SCR 242 (3)	Word Processing Operations and Control
GED 202 (3)	Introduction to Psychology
SCR 102a, b, c, d (10)	Shorthand (or SCR 241 and CIP 109)
SCR 232 (3)	Advanced Shorthand (or SCR 241 and CIP 109)

Court Reporting As A Major

Court and conference reporting requires a summer session in addition to the four semesters of the associate degree program. The court and conference reporter specialty includes a minimum of 40 hours of courtroom experience.

Students entering court reporting must be able to type 30 words per minute. Good language skills are highly recommended.

Students enrolled in court reporting are required to purchase a shorthand machine at the end of their first year. Students may rent a machine during the first year in the program.

The speciality requirements for court reporting are:

SCR 101 a,b,c,d (10)	Keyboarding
SCR 183 a,b,c,d (7.5)	Machine Shorthand
SCR 185 (2.5)	Introduction to Legal Testimony
SCR 184 (3.5)	Pre-Transcription Skills for Court Reporters
SCR 180 (1)	Introduction to Court Reporting
SCR 182 (3)	Legal Terminology
GED 101 (3)	English Composition
GED 118 (2)	Technical Report Writing (Specialized Section)
TC 101 (3)	Business Communication
SCR 209 (3)	Applied Law II
SCR 212a (3)	Medical Terminology
SCR 285 (3)	Legal Testimony I
SCR 286 (3)	Literary Medical I
SCR 287 (3)	Legal Testimony II
SCR 288 (3)	Literary Medical II
SCR 385 (3)	Legal Testimony III
SCR 386 (3)	Literary Medical III
SCR 387 (3)	Court Practicum
AHC 141 (4)	Anatomy and Physiology

The court reporting program includes training in computer-aided transcription which enables a court reporter to have transcripts of materials prepared immediately.

Advisory committees serve the office skills areas and the court reporting area.

Graduates of the program are limited only by their own willingness to locate in a specific area.

For more specific information, contact:

Susan S. Rehwaldt, Coordinator
Secretarial and Office Specialties

SOCIAL STUDIES
College of Education
(Bachelor of Science)

Jacquelyn Bailey
Chief Academic Advisor
Teacher Education Services
Telephone - 618-453-2354
Wham Building, Room 135

Dr. Billy Dixon, Chairperson
Telephone - 618-536-2441
Wham Building, Room 327

A major in Social Studies may be pursued through the Department of Curriculum, Instruction and Media in the College of Education. Course work includes the areas of history, political science, economics, geography, and anthropology - psychology - sociology. Such a major is designed to prepare individuals for teaching in junior and senior high schools.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
*GE-A 330	Weather	-	3
*GE-B 104	The Human Experience: Anthropology	3	-
*GE-B 114	American Government & Politics ²	3	-
*GE-B 202	Introduction to Psychology ²	3	-
GE-C	Humanities (select) ¹	-	3
GE-D 101	English Composition ²	3	-
GE-D 102	English Composition II ^{1,2}	-	3
GE-D 153	Public Speaking ²	-	3
GE-E 201	Healthful Living ²	-	2
*POL SCI 213 or HIST 205A	State and Local Government History of Western Civilization	- -	3 -
		<u>15</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
*GE-B 301	U.S. History ²	-	3
GE-C	Humanities (select) ¹	3	-
GE-C	English Humanities Elective (required) ²	-	3
GE-D 107	Intermediate Algebra	3	-
GE-E	Activity Course	-	2
*ECON 214	Introduction to Macroeconomics	-	3
*SOC 301	Principles of Sociology	-	4
HIST 205B	History of Western Civilization	3	-
*HIST 300	Orgins of Modern America, 1492 to 1877 ²	3	-
		<u>15</u>	<u>15</u>

*Required courses in Social Studies.

¹ Refer to the section General Education for the Transfer Student.

² Required courses for teacher certification include: GE-B 202, Introduction to Psychology; GE-B 114, Introduction to American Government and Politics; GE-B 301 U.S. History; GE-D 101, English Composition; GE-D 102, English Composition II; GE-D 153, Public Speaking; GE-E 201, Healthful Living; and one additional English course (GE-C, GE-D or departmental). At least one three semester hour course must be taken in non-western or third world cultures from either Humanities or Social Studies (GE-C 213). Science course selection must include one laboratory class.

Social Studies As A Major

Students should be aware of requirements for entrance into the Teacher Education Program.

SOCIAL WORK

School of Social Work
College of Human Resources
(Bachelor of Science)

Director
Telephone - 618-453-2243
Quigley Hall, Room 4

The School of Social Work at SIUC offers a professional accredited curriculum which is designed to meet the educational needs of students with career interests in the human services field. It leads to a Bachelor of Science degree in Social Work. The curriculum provides an interdisciplinary approach to understanding man in contemporary society, basic social problems, and some of the issues associated with the prevention and treatment of these problems. Students are helped to understand the principles and basic skills employed in developing and delivering services to individuals, families, groups, and communities. Students are prepared for direct service practice in both rural and urban settings. Positions in child welfare, gerontology, mental health, health services, women's programs, public and private social service agencies are typically available to graduates.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 211	Contemporary Economics	3	-
GE-B 108	Sociological Perspective ²	-	3
GE-C	Humanities (select) ¹	3	3
GE-D 107	Intermediate Algebra	3	-
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-E	Human Health and Well Being (select) ¹	1	2
		<u>15</u>	<u>14</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A 115	Biology ²	3	-
GE-B 202	Introduction to Psychology ²	3	-
GE-B 212	Intro to American Govt. & Politics ²	-	3
GE-C	Humanities (select) ¹	3	-
GE-D 152	Interpersonal Communication or Public Speaking	-	3
GE-E	Human Health and Well Being (select) ¹	1	-
Electives	or Courses for Minor	5	9
		<u>15</u>	<u>15</u>

¹To determine what courses may be taken to satisfy the general education requirements for this program, please refer to the selection, General Education for the Transfer Student.

²Students are required to take these Area A and B courses.

Third and Fourth Years

The last two years of a student's program concentrate on specific professional objectives.

A unique aspect of the Social Work program is an intensive field practicum. The practicum provides an opportunity to integrate theoretical knowledge and helping skills learned in the classroom with the "real world" settings of southern Illinois social services agencies. A concurrent weekly seminar supports this integration of theory and practice.

Representative First Job Titles: Social Worker, Social Welfare Aide, Rehabilitation Counselor, Casework Assistant, Neighborhood Worker, Residential Welfare Facilitator, School Counselor, Employment Aide, Cooperative Extension Service Worker, Recreation Worker, Alcoholism & Drug Addiction Counselor, Child Placement Agent, Community Planning & Redevelopment Expert, Probation and Parole, Case Aide, Medical Social Worker, Outreach Worker, Residential Care Worker, Mental Health Worker, Activities Director.

Sociology is the science of society. It explains how human groups, institutions and social movements shape our lives. Sociology has always been a discipline which prepares students to think and act critically in the practical details of life. Sociology students, therefore, study such topics as sex roles, the city, juvenile delinquency, marriage and the family, criminology, social change, complex organizations, power and social inequality.

Training in Sociology is basic both to creative living and to such practical tasks as the development and effective working of businesses, families, community service agencies, political movements and parties, churches, social clubs, government, industry and schools.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Science (select) ¹	-	3
GE-C	Humanities (select) ¹	-	3
GE-D 101	English Composition ¹	3	-
GE-D 102	English Composition ¹	-	3
GE-D 107	Intermediate Algebra	3	-
GE-E	Human Health and Well Being (select) ¹	2	2
MATH or CS	Math or Computer Science ²	-	3
Elective ³		3	-
		<u>14</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Science (select) ¹	3	3
FL	Foreign Language ⁴	4	4
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
SOC 301	Principles of Sociology ⁵	-	4
Elective ³		3	3
		<u>16</u>	<u>14</u>

¹See General Education for the Transfer Student.

²One of these courses may be used to partially fulfill the Liberal Arts requirement for students beginning college anywhere Fall 1978 or later.

³Elective hours should be used to explore areas of interest and to enhance career opportunities; or courses may be selected to satisfy Liberal Arts requirements (see College of Liberal Arts section).

⁴Two semesters (which is generally eight hours) of a foreign language are required for all Liberal Arts students who entered college anywhere Fall 1978 or later. However, four of these hours may be used for GE-C credit.

⁵Required for the sociology major.

Sociology As A Major

The Department of Sociology offers two alternative plans of study for completion of its major.

General Sociology is for those seeking a broad academic background in sociology and is usually chosen either by those who want a general liberal arts education in the social sciences or those anticipating graduate study in one of the social sciences. Applied Sociology combines the general program in sociology with individually planned programs built around applied courses and field work experience. This program is designed to give people actual experience in a variety of applied settings and to enhance mastery of specific skills sought by employers. Such employers might include research institutes, women's centers, senior citizen centers and community planning agencies.

Representative First Job Titles: Administrative Aide (Gov't.), Business Management Officer, Child Care Worker, Corrections/Parole Officer, Community Relations Personnel, Gerontologist, Labor Relations Specialist, Public Survey Analyst, Social Analyst, Social Stratification Analyst, Teacher, Urban Planner, Administrative Aide.

Programs of study in foreign languages leading to the Bachelor of Arts degree (with or without teacher certification) are offered in Classics, Foreign Language and International Trade, French, German, Russian, and Spanish. There is also a special major in East Asian Studies leading to the Bachelor of Arts degree for students who have a professional or occupational interest in Asia.

Students majoring in a foreign language usually begin at the second or third level. The student who has taken two years of one foreign language in high school (or equivalent) has the option to earn proficiency credit through taking a proficiency exam in Latin at the Testing Center or in Chinese, Greek, Japanese, Russian, at the Foreign Languages and Literatures Department. The Foreign Language Department will honor CLEP exams in French, German and Spanish. As an alternative or for additional credit, students who can enter at the 200 level or above are encouraged to take a validating course. Since credit of up to 16 hours is available, such students are in an advantageous position to complete a double major.

In addition to the personal satisfaction and substantial growth in intellectual resources that come with mastery of a new language, there are numerous types of employment that are opened up by appropriate training in foreign languages. These can be classified as: 1) employment in non-language areas, and 2) language-centered careers. Government agencies (federal, state, and many local), and businesses that have international dealings, employ great numbers of individuals on the basis of skills that are basically non-linguistic (scientists, engineers, librarians, social workers).

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B	Social Science (select) ¹	3	3
GE-C	Humanities (select) ¹	3	-
GE-D 101	English Composition ¹	3	-
GE-D 102	English Composition II ¹	-	3
SPAN 140a,b	First-year Spanish ²	4	4
GE-E	Human Health and Well Being (select) ¹	2	-
GE-D 107	Intermediate Algebra	-	3
		<u>15</u>	<u>16</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Science (select) ¹	-	3
GE-C	Humanities (select) ¹	3	-
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
SPAN 201a,b	Second-year Spanish ³	3	3
SPAN 220a,b	Spanish Conversation ⁴	2	2
MATH or CS	Math or Computer Science ⁵	-	3
GE-E	Human Health and Well Being (select) ¹	-	2
		<u>14</u>	<u>16</u>

*See also the program under the College of Education.

¹See General Education for the Transfer Student.

²Two semesters (generally eight hours) of a foreign language are required for all Liberal Arts students who entered college during Fall 1978 or later. However, four of these hours may be used for GE-C credit. The first year of Spanish does not count towards the major. Spanish 175-5 may substitute for 140 a,b.

³Required by the major. Spanish 275-5 may substitute for 201 a,b. Students with more than one year of high school Spanish should take at least one substantial course in the Spanish major each semester.

⁴Only one semester of Intermediate Conversation may count towards the major.

⁵One of these courses may be used to partially fulfill the Liberal Arts requirement for students beginning college anywhere Fall 1978 or later.

Spanish As A Major: A major in Spanish consists of 36 semester hours in courses above the 100 level including 306, 320 and 415, plus any combination of 300 or 400 level courses which includes a literature course and at least nine additional 400 level hours.

A minor in Spanish consists of 18 hours in courses above the 100-level. Transfer students who major in a foreign language must complete a minimum of 12 semester hours in language courses at SIUC.

Representative First Job Titles: Airline Stewardess, Customer Services Personnel, Public Relations Officer, Publications Personnel, Executive Secretary, Announcer, Continuity Writer.

SPECIAL EDUCATION
College of Education
(Bachelor of Science)

Jacquelyn Bailey
Chief Academic Advisor
Teacher Education Services
Telephone - 618-453-2354
Wham Building, Room 135

Dr. Norma Ewing, Chairperson
Telephone - 618-453-2311
Pulliam Hall, Room 127

In the Department of Special Education, teachers are prepared to work with behaviorally disordered, mentally retarded, and learning disabled children. Students seeking the Standard Special Certificate will complete a 120 semester hour program leading to approval in one of the three handicap areas listed above. Students who wish to obtain joint certification in special education and elementary education must complete a 144 to 149 hour program.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 301	U.S. History ¹	3	-
GE-C 101	Introduction to Art	-	3
GE-D 101	English Composition ²	3	-
GE-D 102	English Composition II ²	-	3
GE-E 201	Healthful Living ²	-	2
GE-E	P.E. Activity ^{1,2}	2	-
MATH 114	Algebraic & Arithmetic Systems	4	-
Electives		-	3
		<u>15</u>	<u>14</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B 114	American Government ²	-	3
GE-B 202	Introduction to Psychology ²	3	-
GE-C	Humanities (select) ¹	3	-
GE-C	Literature (select) ^{1,2}	-	3
GE-D 152 or 153	Public Speaking or Interpersonal Communication ²	3	-
MUS 101	Music Fundamentals	2	-
C&I 326	Music in Special Education	-	2
MATH 314	Topics in Mathematics for Elementary Teachers	4	-
SPED 400	Introduction to Special Education	-	3
		<u>15</u>	<u>15</u>

¹Refer to the section General Education for the Transfer Student.

²The following are required courses for teacher certification: GE-B 202, Introduction to Psychology; GE-B 114, American Government; GE-B 301, History of the United States; Music 101, Fundamentals of Music for GE-C (substitution); GE-D 101, English Composition; GE-D 102, English Composition II; GE-D 152 Interpersonal Communication or GE-D 153, Public Speaking; GE-E 201, Healthful Living; and one additional English course (GE-C, GE-D or departmental). At least one three semester hour course must be taken in non-western or third world cultures from either Humanities or Social Science (GE-C 213). Science course selection must include one laboratory class.

SPEECH COMMUNICATION
 (Communication Arts and Studies)
 College of Communications and
 Fine Arts
 (Bachelor of Science)

Don Jones, Advisement
 Telephone - 618-453-2291
 Communications Bldg., Room 2002

Many careers demand the ability to communicate well. The Department of Speech Communication, with 16 professors, many having national and international scholarly reputations, teaches a wide range of courses in the history, theory and successful use of communication. The Department also sponsors co-curricular activities in debate, forensics, oral interpretation, creative drama and public relations. Students on the debate and forensics teams travel regularly, and are ranked among the best in national competition. The creative drama students bring their talents to schools throughout Southern Illinois.

The Communication Arts and Studies specialization provides students with strong basic communication skills, and the opportunity to structure much of their majors to their own tastes. Enough open electives remain for students who wish a second major.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Studies (select) ¹	3	3
GE-C	Humanities (select) ¹	3	-
*GE-C 200	Oral Interpretation of Literature	-	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 152 or 153	Interpersonal Communication or Public Speaking	-	3
GE-E	Human Health and Well Being - Activity	-	2
Electives		3	-
		<u>15</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B	Social Studies (select) ¹	3	-
GE-C	Humanities (select) ¹	3	-
GE-D 107	Intermediate Algebra	-	3
GE-E	Human Health and Well Being(select) ¹	-	2
*SPCH 221	Advanced Public Speaking	3	-
*SPCH 230	Introduction to Communication Theory	3	-
*SPCH 262	Interpersonal Communication II	-	3
Electives		3	4
		<u>15</u>	<u>15</u>

*Departmental requirements.

¹Refer to section General Education for the Transfer Student.

Secondary students and community college students are encouraged to take part in as much speech activity work as possible prior to entering SIUC. Those who are interested in specializing in oral interpretation should also take as many literature courses as possible. Those students interested in other aspects of oral communication should take elective work in high school or at the community college in the social science areas.

Speech Communication As A Major

No minor required; no foreign language required.

The Speech Communication Department uses direct advisement of all new, transfer, and continuing students.

Graduate degrees (M.A., M.S., and Ph.D.) are available in Speech Communication. Students choose electives to build desired specialization.

Representative First Job Titles: Technical Writer, Visitors' Guide, Communications Specialist, Advertising Agent, Editor, Public Information Officer, Public Relations Officer, Publications Staff, Personnel Interviewer, Publicity Staff, Newspaper Reporter, Radio Announcer, Speech Writer, Manufacturer's Representative, Salesperson, Newscaster, Television Announcer.

SPEECH COMMUNICATION

(Communication Education)

College of Communications and Fine Arts

College of Education

(Bachelor of Science)

Don Jones, Advisement

Telephone - 618-453-2291

Communications Building, Room 2002

Jacquelyn Bailey

Chief Academic Advisor

Teacher Education Services

Telephone - 618-453-2354

Wham Building, Room 135

Many careers demand the ability to communicate well. The Department of Speech Communication, with 16 professors, many having national and international scholarly reputations, teaches a wide range of courses in the history, theory and successful use of communication. The Department also sponsors co-curricular activities in debate, forensics, oral interpretation, creative drama and public relations. Students on the debate and forensics teams travel regularly, and are ranked among the best in national competition. The creative drama students bring their talents to schools throughout Southern Illinois.

The Communication Education specialization meets the Illinois requirements for teaching certification in speech at the secondary level. Students have the opportunity to take a minor, thus gaining a second teaching area.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 202	Introduction to Psychology	3	-
GE-B 114 or 301	Introduction to American Government and Politics or U.S. History	-	3
*GE-C 203	Introduction to Theater	3	-
*GE-C 200	Oral Interpretation of Literature	-	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
*GE-D 153	Public Speaking	-	3
GE-E	Human Health and Well Being--Activity	1	2
GE-E 201	Healthful Living	2	-
		<u>15</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Studies (select) ¹	-	3
GE-C	English in Humanities (select) ¹	-	3
GE-D 107	Intermediate Algebra	3	-
*SPCH 221	Advanced Public Speaking	3	-
*SPCH 230	Introduction to Communication	3	-
*SPCH 261	Small Group Communication	-	3
*SPCH 262	Interpersonal Communication II	-	3
Electives		3	3
		<u>15</u>	<u>15</u>

*Departmental requirements.

¹Refer to section General Education for the Transfer Student.

College of Education requires for certification: GE-B 202; GE-B 114 or 301; GE-D 101; GE-D 102; GE-D 153; GE-E 100-114 (2 hours), GE-E 201; and one additional English course from GE-C, GE-D or department.

Speech Communication As A Major

A student interested in the major should be aware of the requirements for entrance into the Teacher Education Program. The Speech Communication Department uses direct advisement of all new, transfer, and continuing students.

SPEECH COMMUNICATION

(Oral Interpretation)
College of Communications and
Fine Arts
(Bachelor of Science)

Don Jones, Advisement
Telephone - 618-453-2291
Communications Bldg., Rm. 2002

Many careers demand the ability to communicate well. The Department of Speech Communication, with 16 professors, many having national and international scholarly reputations, teaches a wide range of courses in the history, theory and successful use of communication. The Department also sponsors co-curricular activities in debate, forensics, oral interpretation, creative drama and public relations. Students on the debate and forensics teams travel regularly, and are ranked among the best in national competition. The creative drama students bring their talents to schools throughout Southern Illinois.

Oral Interpretation majors often pursue careers in theater, radio and television, and publishing. The Calipre Stage, which has regular productions and reading hours, provides a place for students and faculty to perform.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Studies (select) ¹	-	3
*GE-B 202	Introduction to Psychology	3	-
GE-C	Humanities (select) ¹	3	-
*GE-C 200	Oral Interpretation of Literature	-	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 152 or 153	Interpersonal Communication or Public Speaking	-	3
*GE-E 103d	Dance (Beginning Contemporary)	2	-
Electives		3	3
		<u>17</u>	<u>18</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Studies (select) ¹	3	-
GE-C	Humanities (select) ¹	-	3
GE-D 107	Intermediate Algebra	-	3
GE-E	Human Health and Well Being - Activity	-	2
*SPCH 221 or 261	Advanced Public Speaking or Small Group Communication	3	-
*SPCH 262	Interpersonal Communication II	3	-
*THEA 213	Stage Movement	2	-
*THEA 217	Acting	-	2
*ENG LIT	Recommended by Department	-	3
Electives		3	3
		<u>17</u>	<u>16</u>

*Departmental requirements.

¹ Refer to section General Education for the Transfer Student.

Secondary students and community college students are encouraged to take part in as much activity work as possible prior to entering SIUC. Those who are interested in specializing in oral interpretation should also take as many literature courses as possible. Those students interested in other aspects of oral communication should take elective work in high school or at the community college in the social science areas.

Oral Interpretation (Speech) As A Major

No minor required; no foreign language required. The Speech Communication Department uses direct advisement of all new, transfer, and continuing students.

Graduate degrees are available in Speech Communication. Students choose electives to build desired specialization.

Representative First Job Titles: Technical Writer, Visitors' Guide, Communications Specialist, Advertising Agent, Editor, Public Information Officer, Public Relations Officer, Publications Staff, Personnel Interviewer, Publicity Staff, Newspaper Reporter, Radio Announcer, Speech Writer, Manufacturer's Representative, Salesperson, Newscaster, Television Announcer.

SPEECH COMMUNICATION

(Public Relations)
College of Communications and
Fine Arts
(Bachelor of Science)

Don Jones, Advisement
Telephone - 618-453-2291
Communications Bldg., Room 2002

Many careers demand the ability to communicate well. The Department of Speech Communication, with 16 professors, many having national and international scholarly reputations, teaches a wide range of courses in the history, theory and successful use of communication. The Department also sponsors co-curricular activities in debate, forensics, oral interpretation, creative drama and public relations. Students on the debate and forensics teams travel regularly, and are ranked among the best in national competition. The creative drama students bring their talents to schools throughout Southern Illinois.

Public Relations students are prepared to accept positions in such areas as public relations, advertising, marketing, government relations and sales. The Pyramid Public Relations Agency, run by students in the program under faculty supervision, gives students practical experience in applying what they have learned. The Department also encourages internships and practicums.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
*GE-B 202	Introduction to Psychology	3	-
GE-B 114	Intro. to American Gov't & Politics	-	3
GE-C	Humanities (select) ¹	3	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
*GE-D 153 or 152	Public Speaking or Interpersonal Communication	3	-
GE-E	Human Health and Well Being - Activity	-	2
*SPCH 281	Introduction to Public Relations	-	3
		<u>15</u>	<u>17</u>

<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-C 200	Intro to Oral Interpretation (recommended)	-	3
GE-D 107	Intermediate Algebra	3	-
GE-E 201	Human Health and Well Being - Activity	2	-
*ECON 214 or			
GE-B 211	Macroeconomics or Intro to Economics	-	3
*JRNL 300	Mass Media in Modern Society	-	3
*JRNL 310	Writing for the Mass Media	-	3
*R&T 200	Understanding Radio and Television	-	3
SPCH 261	Small Group Communication	-	-
SPCH 280	Business & Professional Communication	3	-
*SPCH 326	Persuasion	3	-
		<u>14</u>	<u>15</u>

*Departmental requirements.

¹Refer to section General Education for the Transfer Student.

NOTE: Students must demonstrate proficiency in typing at least 30 words per minute.

Public Relations (Speech Communication) As A Major

The public relations specialization is an interdisciplinary program with a focus on communication studies designed with the assistance of and approved by the Public Relations Society of America. The Speech Communication Department uses direct advisement of all new, transfer, and continuing students.

Membership in the Raymond D. Wiley Chapter of the Public Relations Student Society of America provides opportunities for internships, field trips, job placement, involvement in on and off campus public relations projects and association with professional practitioners.

Representative First Job Titles: Technical Writer, Visitors' Guide, Communications Specialist, Advertising Agent, Editor, Public Information Officer, Public Relations Officer, Publications Staff, Personnel Interviewer, Publicity Staff, Newspaper Reporter, Radio Announcer, Speech Writer, Manufacturer's Representative, Salesperson, Newscaster, Television Announcer, Account Executive, and Legislative Assistant.

Many careers demand the ability to communicate well. The Department of Speech Communication, with 16 professors, many having national and international scholarly reputations, teaches a wide range of courses in the history, theory and successful use of communication. The Department also sponsors co-curricular activities in debate, forensics, oral interpretation, creative drama and public relations. Students on the debate and forensics teams travel regularly, and are ranked among the best in national competition. The creative drama students bring their talents to schools throughout Southern Illinois.

Students who desire a B.A. instead of a B.S. degree take the same speech communication courses as students in the Communication Arts and Studies specialization, as well as the supplemental requirements of the College of Liberal Arts.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Science (select) ¹	3	3
GE-C	Humanities (select) ¹	-	3
GE-D 101	English Composition ¹	3	-
GE-D 102	English Composition II ¹	-	3
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
GE-D	Math (select) ¹	-	3-4
GE-E	Human Health and Well Being (select) ¹	2	2
Elective ²		<u>2</u>	<u>-</u>
		16	14-15

<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B	Social Science (select) ¹	-	3
GE-C 200	Oral Interpretation of Literature	3	-
FL	Foreign Language ⁴	4	4
SP 221	Advanced Public Speaking ³	3	-
SP 261	Small Group Communication	-	3
MATH or CS	Math or Computer Science ⁵	3	-
Elective ²		<u>-</u>	<u>3</u>
		16	16

*This is not a professional concentration, but a liberal arts concentration. See also the programs under the College of Communications and Fine Arts and the College of Education.

¹To determine what courses may be taken to satisfy the general education requirements for this program, please refer to the section, General Education for the Transfer Student.

²Elective hours should be used to explore areas of interest and to enhance career opportunities; or courses may be selected to satisfy Liberal Arts requirements (see College of Liberal Arts section).

³Required by the major.

⁴Two semesters (which is generally eight hours) of a foreign language are required for all Liberal Arts students who entered college anywhere Fall 1978 or later. However, four of these hours may be used for GE-C credit.

⁵One of these courses may be used to partially fulfill the Liberal Arts requirement for students beginning college anywhere Fall 1978 or later.

Representative First Job Titles: Technical Writer, Visitors' Guide, Communications Specialist, Advertising Agent, Editor, Public Information Officer, Public Relations Officer, Publications Staff, Personnel Interviewer, Publicity Staff, Newspaper Reporter, Radio Announcer, Speech Writer, Manufacturer's Representative, Salesperson, Newscaster, Television Announcer.

THEATER

(Acting-Directing)
(Design-Technical)
(Playwriting-Dramatic Literature)
College of Communications and Fine Arts
(Bachelor of Arts)

David Stevens, Chairperson
Telephone - 618-453-5741
Communications Bldg., Room 1033

The Department of Theater blends scholarship and practice into an academically based theater experience preparing the student for a career in professional, educational or community theater, as well as establishing a solid academic foundation for many complementary fields. The extensive production schedule in two theaters--a proscenium house, the McLeod Theater, seating 580 and a flexible Laboratory Theater seating about 100--provides training in all aspects of theater, augmented by courses in acting, voice, movement, directing, playwriting, design and technical theater. Courses in theater history, dramatic theory and criticism and specialized courses, e.g., children's theater and theater management, complement the program. The production schedule is extensive enough to allow students the opportunity to design sets, lights, costumes, and to write, act and direct for these productions. Seminars in international and ethnic theater and drama coordinated with ongoing research projects and visits of artists-in-residence enhance the total experience.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B	Social Studies (select) ¹	3	-
GE-C	Humanities (select) ¹	-	3
GE-C 103	Introduction to Theater	3	-
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 152 or 153	Public Speaking or Interpersonal Communication	3	-
GE-D 107	Intermediate Algebra	-	3
GE-E	Human Health and Well Being (select) ¹	-	2
*THEA 217	Acting	-	3
*THEA 218a	Stagecraft: Scenery	3	-
		<u>15</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B	Social Studies (select) ¹	3	3
GE-C	Humanities (select)	-	3
GE-E	Human Health and Well Being	2	-
*THEA 205	Makeup	-	2
*THEA 218b,c	Stagecraft: Lighting, Costumes	3	3
*THEA 300	Production	1	1
Elective ²		3	-
		<u>15</u>	<u>15</u>

*Theater core requirement.

¹To determine what courses may be taken to satisfy the general education requirements for this program, please refer to the section, General Education for the Transfer Student.

²Students should consult with the department regarding the selection of courses to fulfill this requirement.

Theater As A Major

No minor is required. The Department of Theater also offers the M.F.A. degree with specializations in design and playwriting. Doctoral studies in theater are sponsored by the Department of Speech Communication.

During the academic year, four productions (three plays, one opera, or musical) are performed in the McLeod Theater and numerous original one-act plays and other shows are produced in the Laboratory Theater.

Each summer, a resident stock company produces one play and two musicals in the McLeod Theater and members of the Playwrights' Workshop produces four original plays in the Laboratory Theater.

The heavy production schedule provides many opportunities for practical experience in all aspects of theater.

Scholarships are available.

Representative First Job Titles: Costume Designer, Sound Effect Technician, Theater Drafting Technician, Sales (Corporate), Lighting Effect Technician, Scenery Technician, Costume Technician, Performing Artist, Choreographer (Dance Composer), Makeup Specialist, Actor/Actress, Publicist, Theater Instructor, Travel Coordinator, Scene Designer, Playwright.

TOOL AND MANUFACTURING TECHNOLOGY

(Machine Tool--Numerical Control)

College of Technical Careers

(Associate in Applied Science)

Philip Tregoning

Program Coordinator

Telephone - 618-985-4110

Carterville Campus

This specialization offers students extensive experience in a well-equipped machine shop with the training necessary to set up and operate engine lathes, turret lathes, mills, grinders, cut-off saws, and drilling machines. The students will enhance the basic tool room and production skills learned by applying their skills to produce various forms of shop tooling, jigs, fixtures, blanking dies, progressive dies, form dies, compound dies, and produce specialized obsolete parts. Hands-on experience on numerical controlled machines, electrical discharge machines, computer aided mills, and computer aided lathes is a vital part of the training. In addition to machining skills, students learn to read blueprints, select material, layout and plan machining operations, use precision measuring tools, do basic heat treat operations on steel, design and test industrial type of electric, hydraulic, and pneumatic power circuits, and use the machinery handbook. General education courses such as mathematics, physics, speech, and English will also be studied. In this two-year program, a student receives approximately 1250 hours of practice in laboratories equipped with machines used in industry.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-B	Social Science Elective	-	3
GE-D 101	English Composition	-	3
TC 105a,b	Technical Mathematics	4	-
TT 101	Basic Tool and Manufacturing Lab	7	-
TT 102	Milling Machine and Grinding Lab	-	7
TT 125	Introduction to Machine Tools	3	-
TT 126	Machinability of Metals, Milling, and Abrasive Machining	-	3
TT 128	Hydraulic and Pneumatic Control	2	-
TT 185, 186	Technical Drawing I & II	4	4
		<u>20</u>	<u>20</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-D	Communication Elective (Technical Writing or Speech)	-	2
TC 107a,b	Applied Physics	4	-
TT 210	Numerical Control, Electrical Discharge Machines	7	-
TT 211	Advanced Numerical Control, Tool and Die, and Production Machining	-	7
TT 220	Numerical Control, Inspection Practices, and EDM	3	-
TT 221	Tool and Die, Production Machining, & Process Planning	-	3
TT 275	Ferrous Metallurgy	2	-
TT 276	Tool Steel Metallurgy	-	2
TT 225	Manufacturing Processes	-	2
EDP 208a	Computer Assisted NC Programming	4	-
		<u>20</u>	<u>16</u>

Tool And Manufacturing Technology As A Major

This program offers students the opportunity to develop their technical capabilities on a variety of modern machine tools, computer-aided machines, state of the art welding processes, and testing equipment. The faculty members have broad experience in education and industry. Tool and manufacturing technology majors are offered a choice of three specializations: Machine Tool (Numerical Control), Metal Fabrication and Processes, and Tool Design. The successful graduate of the program may work as a tool and manufacturing technician who functions in the industrial area between the mechanical and manufacturing engineering and the skilled craftsperson. The technician has the technical background required to work with engineers in research, development and testing, plus the skills in metal cutting and fabrication that give him/her the abilities of a tool maker, machinist, welder, or tool designer. The technician may run tests on experimental equipment and material, alter and fabricate pilot models of equipment, build jigs, fixtures, dies or operate and supervise operation of machine tools and fabricating equipment. Students spend about \$100 for tools, instruments and supplies. A student chapter of the Society of Manufacturing Engineers gives its members an early start in the development of their careers. The curriculum is designed to accept both beginning freshmen and transfer students. By proficiency, it is possible to earn credit for previous industrial experience.

Bachelor of Science Degree Options at SIUC

Graduates of the Associate in Applied Science degree program in Tool and Manufacturing Technology have options in bachelor's degree programs that add to the associate degree specialization. These include Advanced Technical Studies in the College of Technical Careers, Industrial Technology, and Vocational Education Studies. Students pursuing these degrees will have an opportunity to add to their associate degree specialization.

Representative First Job Titles: Tool Maker, Laboratory Technician, Mold Maker, Tool Designer, Instrument Maker, Machine Builder, Welder, Die Maker, Inspector, CNC Programmer, NC Programmer, Shop Foreman, Process Planner, Model Maker, Production Supervisor, Testing Technician, Shop Owner, Fabrication Technician, Machinist, Certified Pipe Welder, Tool Technician, and Material Testing Technician.

TOOL AND MANUFACTURING TECHNOLOGY

(Metal Fabrication and Processes)

College of Technical Careers

(Associate in Applied Science)

Philip Tregoning

Program Coordinator

Telephone 618-985-4110

Carterville Campus

This specialization combines machine shop training with training in welding and fabrication. The machine shop classes will equip the student with the skills necessary to set up and operate lathes, shapers, mills, grinders, cutoff saws, and drilling machines. The welding classes will provide adequate laboratory time for the student to develop skills in many industrial welding and cutting processes including oxy acetylene, shielded metal arc, gas metal arc, gas tungsten arc, cored wire, and submerged arc welding; oxy-acetylene cutting, air carbon arc cutting, and plasma arc cutting. In addition to welding and machining skills, students learn to read blueprints, select materials, layout and cost estimating, use precision and nonprecision tools, do basic heat treat operations, and perform destructive and nondestructive weld tests. General education courses such as mathematics, physics, speech, and English will also be studied. In this two-year program, a student receives approximately 1250 hours of practice in laboratories equipped with machine tools, welding equipment and testing equipment used in industry.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-D 101	English Composition	-	3
TC 105a,b	Technical Mathematics	-	4
TT 101	Basic Tool and Manufacturing Lab	7	-
TT 102	Milling Machine and Grinding Lab	-	7
TT 125	Introduction to Machine Tools	3	-
TT 126	Machinability of Metals, Milling and Machining	-	3
TT 128	Hydraulic and Pneumatic Controls	2	-
TT 180, 181	Welding I and II	3	3
TT 185	Technical Drawing I	4	-
		<u>19</u>	<u>20</u>

Second Year

GE-B	Social Science elective	-	3
GE-D	Communication Elective (Technical Writing or Speech)	-	2
TC 107a,b	Applied Physics	4	-
TT 182	Welding III	3	-
TT 183	Welding Blueprint Reading	2	-
TT 225	Manufacturing Processes	-	2
TT 275, 276	Ferrous and Tool Steel Metallurgy	2	2
TT 310	Certified Welder Training	6	6
		<u>17</u>	<u>15</u>

Tool And Manufacturing Technology As A Major

This program offers students the opportunity to develop their technical capabilities on a variety of modern machine tools, computer-aided machines, state of the art welding processes, and testing equipment. The faculty members have broad experience in education and industry. Tool and manufacturing technology majors are offered a choice of three specializations: Machine Tool (Numerical Control), Metal Fabrication and Processes, and Tool Design. The successful graduate of the program may work as a tool and manufacturing technician who functions in the industrial area between the mechanical and manufacturing engineering and the skilled craftsperson. The technician has the technical background required to work with engineers in research, development and testing, plus the skills in metal cutting and fabrication that give him/her the abilities of a tool maker, machinist, welder, or tool designer. The technician may run tests on experimental equipment and material, alter and fabricate pilot models of equipment, build jigs, fixtures, dies or operate and supervise operation of machine tools and fabricating equipment. Students spend about \$100 for tools, instruments and supplies. A student chapter of the Society of Manufacturing Engineers gives its members an early start in the development of their careers. The curriculum is designed to accept both beginning freshmen and transfer students. By proficiency, it is possible to earn credit for previous industrial experience.

Bachelor of Science Degree Options at SIUC

Graduates of the Associate in Applied Science degree program in Tool and Manufacturing Technology have options in bachelor's degree programs that add to the associate degree specialization. These include Advanced Technical Studies in the College of Technical Careers, Industrial Technology, and Vocational Education Studies. Students pursuing these degrees will have an opportunity to add to their associate degree specialization.

Representative First Job Titles: Tool Maker, Laboratory Technician, Mold Maker, Tool Designer, Instrument Maker, Machine Builder, Welder, Die Maker, Inspector, CNC Programmer, NC Programmer, Shop Foreman, Process Planner, Model Maker, Production Supervisor, Testing Technician, Shop Owner, Fabrication Technician, Machinist, Certified Pipe Welder, Tool Technician, and Material Testing Technician.

TOOL AND MANUFACTURING TECHNOLOGY

(Tool Design)
 College of Technical Careers
 (Associate in Applied Science)

Philip Tregoning
 Program Coordinator
 Telephone - 618-985-4110
 Carterville Campus

This specialization is unique in that it equips the tool design student with basic machining and welding skills so that he/she is better able to design tools, dies, jigs, and fixtures for industry that incorporate the most practical and economical production processes. The student also studies product drafting, jig and fixture design, and die design. He/she learns to be accurate and detailed in his/her work; to become familiar with and to apply American National Standard Institute standards to drawing and to become competent in detailing in tool, die, and mold design. Students will also receive coursework in computer aided design. General education courses such as mathematics, physics, speech, and English will also be studied. In this two-year program, a student receives approximately 1250 hours of practice in laboratories equipped with machine tools, welding equipment, drafting equipment, and computer aided design equipment.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-B	Social Science Elective	-	3
GE-D 101	English Composition	-	3
TC 105a,b	Technical Mathematics	4	-
TT 101	Basic Tool and Manufacturing Lab	7	-
TT 102	Milling Machine and Grinding Lab	-	7
TT 125	Introduction to Machine Tools	3	-
TT 126	Machinability of Metals, Milling, and Abrasive Machining	-	3
TT 128	Hydraulic and Pneumatic Control	2	-
TT 180	Welding I	-	3
TT 185, 186	Technical Drawing I & II	4	4
		<u>20</u>	<u>23</u>

<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-D	Communication Elective (Technical Writing or Speech)	-	3
TT 225	Manufacturing Processes	-	2
TT 230	Tool Design I	7	-
TT 231	Tool Design II	-	7
TT 240	Jig, Fixture, Gage Design Theory	3	-
TT 241	Die Design Theory	-	3
TT 275	Ferrous Metallurgy	2	-
TT 276	Tool Steel Metallurgy	-	2
TC 107a,b	Applied Physics	4	-
EDP 208a	Numerical Control Programming	4	-
		<u>20</u>	<u>17</u>

Tool And Manufacturing Technology As A Major

This program offers students the opportunity to develop their technical capabilities on a variety of modern machine tools, computer-aided machines, state of the art welding processes, and testing equipment. The faculty members have broad experience in education and industry. Tool and manufacturing technology majors are offered a choice of three specializations: Machine Tool (Numerical Control), Metal Fabrication and Processes, and Tool Design. The successful graduate of the program may work as a tool and manufacturing technician who functions in the industrial area between the mechanical and manufacturing engineering and the skilled craftsperson. The technician has the technical background required to work with engineers in research, development and testing, plus the skills in metal cutting and fabrication that give him/her the abilities of a tool maker, machinist, welder, or tool designer. The technician may run tests on experimental equipment and material, alter and fabricate pilot models of equipment, build jigs, fixtures, dies or operate and supervise operation of machine tools and fabricating equipment. Students spend about \$100 for tools, instruments and supplies. A student chapter of the Society of Manufacturing Engineers gives its members an early start in the development of their careers. The curriculum is designed to accept both beginning freshmen and transfer students. By proficiency, it is possible to earn credit for previous industrial experience.

Bachelor of Science Degree Options at SIUC

Graduates of the Associate in Applied Science degree program in Tool and Manufacturing Technology have options in bachelor's degree programs that add to the associate degree specialization. These include Advanced Technical Studies in the College of Technical Careers, Industrial Technology, and Vocational Education Studies. Students pursuing these degrees will have an opportunity to add to their associate degree specialization.

Representative First Job Titles: Tool Maker, Laboratory Technician, Mold Maker, Tool Designer, Instrument Maker, Machine Builder, Welder, Die Maker, Inspector, CNC Programmer, NC Programmer, Shop Foreman, Process Planner, Model Maker, Production Supervisor, Testing Technician, Shop Owner, Fabrication Technician, Machinist, Certified Pipe Welder, Tool Technician, and Material Testing Technician.

UNIVERSITY STUDIES
Undergraduate Academic Services
(Bachelor of Arts)
(Bachelor of Science)

University Studies
Baccalaureate Program
Undergraduate Academic Services
Telephone 618-453-5506
Woody Hall, C-117

The University Studies Baccalaureate Program is a degree program for students who are interested in designing a multidisciplinary, interdisciplinary program of study.

In University Studies, the student can pursue either a Bachelor of Arts or a Bachelor of Science degree. The Bachelor of Arts requires passing one full year of a foreign language through course work or proficiency examination.

Since the University Studies Program does not have an established curriculum, students use the resources of the entire University. For example, a person interested in arts management may combine fine arts courses with others in or related to business, thereby gaining the necessary skills to manage a civic center or theater. A person wishing to attend law school might elect to combine political science, philosophy, history and business courses in preparation for the study of law. Other students opt to pursue a broad range of courses to complete the degree program.

To be admitted to the program, the student must have:

1. At least 24 semester hours passed.
2. No more than 90 semester hours passed.
3. A 2.25 grade point average (4.0 scale) in all college work taken.

To complete the program, the student must pass 40 semester hours at the senior level (300-400) with a 2.0 grade point average (4.0 scale) in those courses.

A student also cannot exceed the program's prescribed limits on distribution of courses, either at entry or while in the program:

1. No more than 20 semester hours may be taken in any department or school within a college, over and above General Education requirements.
2. No more than 40 semester hours, in addition to General Education requirements, may be taken in any SIUC college or major academic unit, or its equivalent in an institution from which the student has transferred. The following is the only exception:
3. In the College of Liberal Arts, as many as 27 semester hours may be taken from the Social Sciences area and 27 semester hours from the Humanities area.

A general model of a curriculum for a degree in University Studies might be:

1. General Education	45 sem. hrs.
2. Senior level courses (300-400)	40 sem. hrs.
3. Foreign Language	8 sem. hrs. (for the B.A. only)
4. Other courses at any level	<u>27 sem. hrs.</u> (35 for the B.S.)
TOTAL	120 sem. hrs.

After admission to the University as an undecided student or in a major, a student interested in the University Studies Program should arrange an interview with the University Studies Advisor to determine eligibility. If criteria are met, the student can then be admitted to the program.

VOCATIONAL EDUCATION STUDIES

Business Education Specialization
(Teacher Certification)
College of Education
(Bachelor of Science)

Jacquelyn Bailey
Chief Academic Advisor
Teacher Education Services
Telephone - 618-453-2354
Wham Building, Room 135

Dr. Heidi Perreault
Coordinator of Program Area
Telephone - 618-453-3321
Rehn Hall

Students admitted to the Undergraduate Teacher Education program in Business Education may select one of the following teaching areas: office education, accounting, data processing, general business/consumer education, and marketing. Two supplemental areas are also required.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B 202	Introduction to Psychology	3	-
GE-C	Humanities (select) ¹	3	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 107	Intermediate Algebra	3	-
GE-D 152 or 153	Interpersonal Communication or Public Speaking	-	3
GE-E	Activity Course	2	-
GE-A, B, C	Electives	3	3
		<u>17</u>	<u>15</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 211	Contemporary Economics	3	-
GE-B 301	U.S. History ¹	-	3
GE-C	English Elective in Humanities (select) ¹	3	-
GE-E 201	Healthful Living	2	-
SCR 101a	Keyboarding	3	-
VES 302	Communication in Business	-	3
ACT 220	Accounting I	3	-
VES 306	Introduction to Data Processing	-	3
GE	Electives	-	4
		<u>17</u>	<u>16</u>

¹Refer to the section General Education for the Transfer Student.

Business Education As A Major

The following specific General Education courses are required for teacher certification: GE-B 202, Introduction to Psychology; GE-B 211, Contemporary Economics; GE-B 114, Introduction to American Government and Politics; GE-B 301, History of the United States; GE-D 101, English Composition; GE-D 102, English Composition II; GE-D 152 or 153, Speech; GE-E 201, Healthful Living; one additional English course (GE-C, GE-D, or departmental). At least one three semester hour course must be taken in non-western or third world cultures from either Humanities or Social Science (GE-C 213). Science course selection must include one laboratory class.

Major Core Requirements: Accounting 220, Economics 214 or GE-B 211 (see above), Marketing 304, Secretarial and Office Specialties 101 a and b, Vocational Education Studies 302, 306 and 310.

VOCATIONAL EDUCATION STUDIES

Education, Training and Development Specialization
College of Education
(Bachelor of Science)

Jacquelyn Bailey
Chief Academic Advisor
Teacher Education Services
Telephone - 618-453-2354
Wham Building, Room 135

Dr. John Washburn, Chairperson
Vocational Education Education
Telephone - 618-453-3321
Wham Building, Room 146

This specialization prepares technically-trained persons for training and development positions in education, business, industry, labor, government and the military. It is not a certification program for teaching at the secondary level.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select)	3	3
GE-B 114 or 301	American Government and Politics or U.S. History	3	-
GE-B 202	Introduction to Psychology	-	3
GE-C	Humanities (select) ¹	3	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II ¹	-	3
GE-E 201	Healthful Living	-	2
GE-E	Human Health and Well Being - Activity	2	-
Elective		<u>2</u>	<u>2</u>
		16	16
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B	Social Science (select) ¹	3	-
GE-C	Humanities (select) ¹	3	-
GE-D 107	Intermediate Algebra	-	3
GE-D 153	Public Speaking	3	-
VES 306	Introduction to Data Processing	3	-
VES 363	Career Education	-	3
Electives		<u>-</u>	<u>9</u>
		15	15

¹Refer to the section General Education for the Transfer Student.

Refer to the Undergraduate Catalog for specific major requirements.

Special Note to Community College Personnel: The programs in education, training, and development and secondary school industrial education teaching and health occupations teaching require the equivalent of an associate degree in a technical specialty for admission.

VOCATIONAL EDUCATION STUDIES
 Health Occupations Education Specialization
 (Teacher Certification)
 College of Education
 (Bachelor of Science)

Jacquelyn Bailey
 Chief Academic Advisor
 Teacher Education Services
 Telephone - 618-453-2354
 Wham Building, Room 135

Dr. Richard Bortz
 Coordinator of Program Area
 Telephone - 618-453-3321
 Faner Hall

This specialization prepares persons with allied health and nursing specialty backgrounds for teaching health occupations in secondary schools.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B 202	Introduction to Psychology	3	-
GE-C	Humanities (select) ¹	3	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 107	Intermediate Algebra	3	-
GE-D 152 or 153	Interpersonal Communication or Public Speaking	-	3
GE-E	Physical Activity	2	-
GE	Electives	2	4
		<u>16</u>	<u>16</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 114	American Government	-	3
GE-B 301	U.S. History	3	-
GE-C	English Elective in Humanities (select) ¹	3	-
GE-E 201	Healthful Living	2	-
GE or VES	Electives	6	6
		<u>17</u>	<u>12</u>

¹Refer to the section General Education for the Transfer Student.

Health Occupations Education As A Major

The following specific General Education courses are required for teacher certification: GE-B 202, Introduction to Psychology; GE-B 114, Introduction to American Government and Politics; GE-B 301, History of the United States; GE-D 101, English Composition; GE-D 102, English Composition II; GE-D 152, Interpersonal Communication or GE-D 153, Public Speaking; GE-E 201, Healthful Living; one additional English course (GE-C, GE-D, or departmental). At least one three semester hour course must be taken in non-western or third world cultures from either Humanities or Social Science (GE-C 213). Science course selection must include one laboratory class.

VOCATIONAL EDUCATION STUDIES
 Home Economics Education Specialization
 (Educational Services)
 College of Education
 (Bachelor of Science)

Jacquelyn Bailey
 Chief Academic Advisor
 Teacher Education Services
 Telephone - 618-453-2354
 Wham Building, Room 135

Phyllis Bubnas, Coordinator
 Telephone - 618-453-3321
 Baptist Student Center, Rm. 131

This program prepares students for positions in agencies and businesses which provide educational services. Such tasks as developing informational materials, working with individual customers or clients, coordinating conferences and demonstrating products might be included in the job description for such positions.

Teacher certification is not required for this specialization.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 114 or 211	American Government and Politics or Contemporary Economics ²	3	-
GE-C	Humanities (select) ¹	3	3
GE-C 101	Introduction to Art ²	-	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II ¹	-	3
GE-E	Human Health and Well Being (select) ¹	2	2
GE	Electives	-	3
		<u>14</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	-
GE-B 108	The Sociological Perspective ²	-	3
GE-B 202	Introduction to Psychology ²	3	-
CIM 227	Marriage and Family Living	-	3
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
GE-D 107	Intermediate Algebra	-	3
Electives		<u>6</u>	<u>6</u>
		<u>15</u>	<u>15</u>

¹Refer to the section General Education for the Transfer Student.

²Required by the major.

Home Economics Education As A Major

A minor is not required. Foreign language is not required.

Graduate degrees available.

VOCATIONAL EDUCATION STUDIES
 Home Economics Education Specialization
 (Home Economics Extension)
 College of Education
 (Bachelor of Science)

Jacquelyn Bailey
 Chief Academic Advisor
 Teacher Education Services
 Telephone - 618-453-2354
 Wham Building, Room 135

Phyllis Bubnas, Coordinator
 Telephone - 618-453-3321
 Baptist Student Center, Rm. 131

This program is designed to prepare persons for positions as Home Advisors, 4-H Club Agents or Advisors, and, with further training, extension specialists.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B 108	The Sociological Perspective	3	-
GE-B 114	American Government & Politics	-	3
GE-C 101	Introduction to Art	3	-
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 107	Intermediate Algebra	3	-
GE-E	P.E. Activity	-	2
F&N 215	Introduction to Nutrition	2	-
CHEM 140a	Chemistry ²	-	4
VES 320	Home Economics As A Profession	1	-
VES 338a	Clothing Construction	-	2
		<u>15</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B 202	Introduction to Psychology	3	-
GE-E 201	Healthful Living	-	2
GE-C	Humanities (select) ¹	3	3
CIM 227	Marriage and Family Living	3	-
CIM 237	Child Development	-	3
VES 336	Survey of Clothing	-	3
F&N 256	Science of Food	5	-
GE-D 153	Public Speaking	3	-
		<u>17</u>	<u>14</u>

¹ Refer to section General Education for the Transfer Student.

² Approved substitute for General Education.

Refer to Undergraduate Catalog for departmental requirements and requirements taught via General Education.

Home Economics Education As A Major

The following specific General Education courses are required for teacher certification: GE-B 202, GE-B 114, GE-B 301, GE-D 101, 102, 153, GE-E 201 and one additional English course (GE-C, GE-D or departmental). At least one three semester hour course must be taken in non-western or third world cultures from either Humanities or Social Science (GE-C 213). Science course selection must include one laboratory class.

No minor is required. No foreign language required.

Child Development practicum in Nursery school; Home Management practicum; Field experiences with a Home Economics Extension advisor are available.

Graduate degrees available.

VOCATIONAL EDUCATION STUDIES
 Home Economics Education Specialization
 (Teacher Certification)
 College of Education
 (Bachelor of Science)

Jacquelyn Bailey
 Chief Academic Advisor
 Teacher Education Services
 Telephone - 618-453-2354
 Wham Building, Room 135

Phyllis Bubnas, Coordinator
 Telephone - 618-453-3321
 Baptist Student Center, Rm. 131

This program is designed to meet the needs of students desiring to teach home economics in school departments maintained according to the provisions of the federal vocational acts. A vocational home economics certificate requires a bachelor's degree in home economics from an institution and in a course of study approved for teacher training by the Vocational Division of the United States Office of Education and by the State Board for Vocational Education and Rehabilitation. SIUC is so approved for training home economics teachers.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
CHEM 140a	Chemistry ²	-	4
GE-B 108	The Sociological Perspective	3	-
GE-C 101	Introduction to Art	3	-
GE-C	Humanities (select) ³	-	3
GE-D 107	Intermediate Algebra	3	-
GE-D 101	English Composition ¹	3	-
GE-D 102	English Composition II ¹	-	3
GE-D 153	Public Speaking ¹	-	3
GE-E 201	Healthful Living ¹	-	2
F&N 215	Introduction to Nutrition	2	-
VES 338	Clothing Construction	-	3
		<u>14</u>	<u>18</u>

<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ³	3	3
GE-B 114	American Government & Politics ¹	-	3
GE-B 202	Introduction to Psychology ¹	3	-
GE-C	English Elective in Humanities (select) ¹	-	3
GE-E	Physical Activity	-	2
CIM 237	Early Child Development I	-	3
CIM 227	Marriage and Family Living	3	-
CEFM 340	Consumer Problems	-	3
F&N 256	Science of Food	5	-
VES 320	Home Economics as a Profession	1	-
		<u>15</u>	<u>17</u>

¹The following specific General Education courses are required for teacher certification: GE-B 202, Introduction to Psychology; GE-B 114, Introduction to American Government and Politics; GE-B 301, U.S. History; GE-D 101, English Composition, GE-D 102, English Composition II; GE-D 152 or 153, Speech; GE-E 201, Healthful Living; and one additional English course (GE-C, GE-D, or departmental). At least one three semester hour course must be taken in non-western or third world cultures from Humanities or Social Science (GE-C 213). Science course selection must include one laboratory class.

²Substitutes for GE-A 106, Chemistry for Non-Science Majors.

³Refer to section General Education for the Transfer Student.

Home Economics Education As A Major

No minor required. No foreign language required.

Child Development practicum in nursery school; home management practicum; supervised student teaching in an area high school; field experience with a home economics extension advisor are available.

Graduate degrees available.

VOCATIONAL EDUCATION STUDIES
 Industrial Education Specialization
 (Teacher Certification)
 College of Education
 (Bachelor of Science)

Jacquelyn Bailey
 Chief Academic Advisor
 Teacher Education Services
 Telephone - 618-453-2354
 Wham Building, Room 135

Dr. Richard Bortz
 Coordinator of Program Area
 Telephone - 618-453-3321
 Faner Hall

Industrial Education Teaching concerns specialized instruction in a wide variety of vocational-technical occupations including industrial oriented, and other occupations.

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	-	3
GE-B 202	Introduction to Psychology	3	-
GE-C	Humanities (select) ¹	3	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
GE-D 107	Intermediate Algebra	-	3
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
GE-E	Physical Activity	2	-
GE	Electives	-	6
		<u>14</u>	<u>18</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A	Science (select) ¹	3	3
GE-B 114	American Government	-	3
GE-B 211	Contemporary Economics	3	-
GE-C	English Elective in Humanities (select) ¹	3	-
GE-E 201	Healthful Living	2	-
GE or VES	Electives	5	9
		<u>16</u>	<u>15</u>

¹Refer to the section General Education for the Transfer Student.

Industrial Education Teaching As A Major

The following specific General Education courses are required for teacher certification: GE-B 202, Introduction to Psychology; GE-B 211, Contemporary Economics; GE-B 114, Introduction to American Government and Politics; GE-B 301, History of the United States; GE-D 101, English Composition; GE-D 102, English Composition II; GE-D 152 or 153, Speech; GE-E 201, Healthful Living; one additional English course (GE-C, GE-D, or departmental). At least one three semester hour course must be taken in non-western or third world cultures from either Humanities or Social Science (GE-C 213). Science course selection must include one laboratory class.

Special Note to Community College Personnel: The programs in education, training and development and secondary school industrial education and health occupations teaching require the equivalent of an associate degree in a technical specialty for admission.

A curriculum developed in zoology provides one with a knowledge of animals, their biology and conservation. The 22 faculty members of the Department of Zoology represent a wide range of these professional zoological disciplines. A wide variety of courses is offered in the biologically rich and diverse environment of Southern Illinois with excellent study facilities in a new \$11 million life science building equipped with specialized laboratories, computer facilities, research museum, and animal quarters. Associated are the Cooperative Fisheries and Wildlife Laboratories which make important contributions to the education of many undergraduates.

The department's faculty and graduate students provide personal opportunities for student introduction to interesting specialities. This is augmented by the unique INDIVIDUALIZED CURRICULUM prepared for each student majoring in zoology. Arrangements are made through the Director of Undergraduate Studies for each student to select a faculty advisor to plan with him or her a specific program of courses in zoology and supporting areas (usually other biological sciences, math and chemistry).

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-B 114	Introduction to American Government ³	-	3
GE-D 101	English Composition ³	3	-
GE-D 102	English CompositionII ³	-	3
GE-E 201	Healthful Living ³	-	2
GE-E	P.E. Activity ²	1	-
**CHEM 222a,b	Introduction to Chemical Principles & Lab	4	4
*MATH 111	Pre-Calculus	5	-
ZOOL 220a,b	Diversity of Animal Life	4	4
		<hr/>	<hr/>
		17	16

<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-B 202	Introduction to Psychology ³	3	-
GE-B 301	U.S. History ²	-	3
GE-C	English Elective in Humanities (select) ^{2,3}	3	-
GE-C	Humanities (select) ²	3	3
GE-D 153	Public Speaking ³	-	3
GE-E	P.E. Activity	1	-
BOT 200	General Botany	-	4
**BIOL 307	Environmental Biology	3	-
ZOOL 300	Vertebrate Embryology	4	-
ZOOL or	Botany Electives	-	4
		<hr/>	<hr/>
		17	17

*Approved substitute for GE-D Math.

**Approved substitutes for GE-A.

¹Should also have a minor in Botany. See also the program under the College of Science.

²Refer to the section General Education for the Transfer Student.

³The following are required courses for certification: GE-B 202, Introduction to Psychology; GE-B 114, Introduction to American Government and Politics; GE-B 301, History of the United States; GE-D 101, English Composition; GE-D 102, English Composition II; GE-D 153, Public Speaking; GE-E 201, Healthful Living; One additional English course (GE-C, GE-D, or departmental); Math 111 or Pre-Calculus or 108, 109 College Algebra and Trigonometry. Science courses must include one laboratory course. A three semester hour course in non-western or third world cultures must be taken from Humanities or Social Science (GE-C 213).

Zoology As A Major

Students pursuing a Bachelor of Science in Education are not required to complete a foreign language.

Refer to the Undergraduate Catalog for specific major requirements.

ZOOLOGY
 College of Science
 (Bachelor of Arts)
 (Bachelor of Science)

Dr. DuWayne C. Englert
 Dir. of Undergraduate Studies
 Telephone - 618-536-2314
 Life Science II, 351 or 355F

The zoology curriculum provides the student with a knowledge of animals, their biology and their conservation. The 25 faculty members of the Department of Zoology represent a wide range of professional zoological disciplines. A wide variety of courses is offered in the biologically rich and diverse environment of Southern Illinois. Our excellent study facilities in Life Science II are equipped with specialized laboratories, computer facilities, research museum, and animal quarters. Associated with the department are the Cooperative Fisheries and Wildlife Research Laboratories which make important contributions to the education of many undergraduates.

The department's faculty and graduate students provide personal opportunities for student introduction to interesting specialities. This is augmented by the unique INDIVIDUALIZED CURRICULUM prepared for each student majoring in zoology. Arrangements are made through the Director of Undergraduate Studies for each student to select a faculty advisor to plan with him or her the specific program of courses in zoology and supporting areas (usually other biological sciences, math and chemistry).

<u>First Year</u>		<u>Fall</u>	<u>Spring</u>
GE-A 118	Introductory Zoology ²	4	-
GE-B	Social Studies (select)	3	-
GE-C	Humanities (select)	-	3
GE-D 101	English Composition	3	-
GE-D 102	English Composition II	-	3
Elective or			
CHEM 115	Introductory General Chemistry ^{1,2,4}	3	-
CHEM 222a	Introduction to Chemical Principles ^{1,2,4}	-	4
MATH 108,109	College Algebra and Trigonometry ^{1,2,3}	3	3
ZOOL 220a	Diversity of Animal Life (invertebrate) ²	-	4
		<u>16</u>	<u>17</u>
<u>Second Year</u>		<u>Fall</u>	<u>Spring</u>
GE-B	Social Studies (select)	-	3
GE-C	Humanities (select)	2	-
GE-D 152 or 153	Interpersonal Communication or Public Speaking	3	-
GE-E	Human Health and Well Being (select)	-	1
BIOL 307	Environmental Biology ^{1,2}	-	3
CHEM 222b	Introduction to Chemical Principles ^{2,4}	4	-
FL	Foreign Language ^{1,2}	4	4
MATH 140 or 150	Calculus ⁵	-	4
ZOOL 220b	Diversity of Animal Life (vertebrate)	4	-
		<u>17</u>	<u>15</u>

¹Approved substitutes for General Education.

²The College of Science requires one year of any foreign language, one year of math, 6 semester hours of physical sciences, and 6 semester hours of biological sciences.

³GE-D 107 or 1½ years of high school algebra is a prerequisite to Math 108 and 111.

⁴CHEM 115 is for students who have less than one year of high school chemistry. CHEM 222a,b will satisfy Zoology Department requirements for inorganic chemistry. For some students, CHEM 140a,b will be adequate.

⁵or Computer Science 200-3, 202-3, Math 282-3, Botany 360-3 or Educational Psychology 402-3

Zoology As A Major: Majors in zoology should consult with the Director of Undergraduate Studies in Zoology as soon as possible and arrange to develop an individualized curriculum under the supervision of a faculty advisor. The last two years of each individual's program concentrates on the completion of courses established for the requirements of the individual curriculum. A major in zoology is an appropriate beginning for anyone planning to specialize in teaching or research in the biological sciences and allied fields such as conservation, environmental protection, fisheries or wildlife management, dentistry, medicine, or veterinary medicine. Most positions are available in schools, local, state, and federal government agencies, museums, hospitals, and chemical, instrument, food and drug industries.

Graduate degree programs leading to M.A., M.S., and Ph.D. are available.

Representative First Job Titles: Zoologist, Animal Breeding Technician, Animal Ecologist, Animal Husbandry Supervisor, Animal Taxonomist, Biological Warfare Technician, Genetics Technician, Medical Laboratory Assistant, Quality Control Laboratory Technician, Technical Library Operator, Entomologist, Physiologist, Wildlife Lab Assistant, Wildlife Refuge Manager, Parasitologist, Zoological Park Keeper, Mammalogist, Research Technician, Researcher, Reclamation Technician, Teacher, Technical Sales Representative.

INDEX

A

Academic Status, 39
Accelerated Programs, 32
Accounting, 65
Accreditation, 9
Achieve, 26
ACT/APP, 11
ACT Family Financial Statement, 23
Activities, 26
Administration of Justice, 66
Administrative Sciences (see Management), 153
Admissions, 12
 College of Engineering & Technology, 14
 High School Requirements, 12
 Formal Teacher Education Program, 14
 International Students, 17
 Transfer Requirements, 13
Advance Placement Programs, 32
Advanced Technical Studies, 67
Advertising, 149, 154
Advisement, 20
Advisement Centers, 21
Aerospace Studies (AFROTC), 62
Agribusiness Economics, 68
Agricultural Education, 69
Agricultural Education and Mechanization, 70, 71
Agriculture, General, 72
Agriculture, College of, 49
Allied Health Careers, 73
Animal Science, 74-76
Anthropology, 77
Apparel Design, 98
Application, Requests and Procedures, 11
Appointments, Advisement, 20
Architectural Technology, 78
Army Military Science, 63
Art Education, 80
Art History-Aesthetics, 80
Art, Studio, 79
Art, Studio-Crafts, 79
Associate Degrees, 10, 59
Athletic Training, 175
Athletics, 29
Automotive Technology, 81, 82
Aviation Flight, 83
Aviation Maintenance Technology, 84, 85
Aviation Management, 86
Avionics Technology, 87

B

Baccalaureate Degree, 10
Basic Skills, 17, 48
Biological Science, 88, 89
Botany, 90
Business & Administration, 91
Business & Administration, College of, 50
Business Economics, 92
Business Education, 220

C

Calendar, University, 3
Campus, 6
Campus Map, 4
Campus Visits, 232
Capstone Program, 35
Career Counseling, 25
Catalog Requests, 233
Center for English as a Second Language, 26
Chemistry, 93, 94
Child and Family Services, 107
Cinema and Photography, 95
Civil Engineering, 96

Civil Engineering Technology, 119
Class Standing, 40
Classics, 97
CLEP, 33
Clinical Center Achieve, 26
Clothing and Textiles, 98, 99
Coaches, Athletic, 30
College of Agriculture, 49
College of Business & Administration, 50
College of Communications & Fine Arts, 53
College of Education, 54
College of Engineering & Technology, 56
College of Human Resources, 57
College of Liberal Arts, 57
College of Science, 58
College of Technical Careers, 59
Commercial Graphics-Design, 100
Communications Disorders & Sciences, 101
Computer Information Processing, 102
Communications & Fine Arts, College of, 53
Computer Science, 101-102
Computing Average, 39
Construction Technology, 105
Consumer Economics & Family Management, 106, 107
Consumer Services in Business, 106
Cooperative Education, 35
Correspondence courses, credit for, 46
Costs, 22
Counseling and Testing, 25
Course Substitution, 44
Court Reporting, 203
Creative Writing, 125
Credit, Hours of, 40
Curricula, undergraduate, 10

D

D Work, Transferability of, 46
Degrees, 10
Dental Hygiene, 108
Dental Technology, 109
Dentistry, Pre-Professional, 188
Departmental Organizations, 49-59
Design, 110
Developmental courses, credit, 46
Dietetics, 128
Directory, University, 7
Disabled Student Services, 25

E

Early Childhood Education, 111-113
Economics, 114
Education, College of, 54
Education, Training and Development, 221
Electrical Engineering, 115
Electrical Engineering Technology, 120
Electronics Management, 116
Electronics Technology, 117
Elementary Education, 118
Engineering Technology, 119-121
Engineering and Technology, College of, 56
English, 122-125
English as a Second Language, 26
Enrichment Programs, 32
Enrollment, 8
Entry Level Job Titles, 64
Environment, 8
Evaluation of Transfer Credits, 45
Evening and Weekend Program, 17
Exercise Science & Physical Fitness, 176
Expense, 22
Extension, credit for, 46
Extra-Curricular Activities, 26

F

Faculty, 8
 Family Financial Statement, 23
 Family Service Consultant, 107
 Fees Payment, 22
 Film, 95
 Fire Science Management, 127
 Finance, Financial Management and Financial Institutions, 126
 Financial Assistance, 23
 Flight, 83
 Food and Nutrition, 128-130
 Foreign Language and International Trade, 131
 Foreign Languages (Teaching), 132
 Foreign Students, 17
 Forestry, 133-135
 Fraternities (see Social Organizations), 27
 French, Non-Teaching, 136
 French, Teaching, 132
 Freshmen Admission Requirements, 12, 13

G

GED Applicants, 11, 12
 General Academic Programs, (see Undergraduate Academic Services), 47
 General Agriculture, 72
 General Education, 41
 General Education Flexibility, 32
 General Education for the Transfer Student, 41
 General Information, 8
 Degrees,
 Environment,
 University,
 Student Data,
 Personnel
 General Studies, 41
 Geography, 137-138
 Geology, 139
 German, Non-Teaching, 140
 German, Teaching, 132
 Government (see Political Science), 186
 Graduate School, 60
 Graduation Requirements, 40
 Greek (Classics), 97

H

Handicapped Student Services (see Disabled Student Services), 25
 Health Care Management, 141
 Health Education, 142, 143
 Health Occupations, Education, 222
 High School Admission Requirements, 12
 History, 144
 Home Economics Education, 223-225
 Honors Work, 32
 Horticulture, 184
 Hotel and Restaurant Administration (see Food and Nutrition), 129
 Housing, 18
 Information
 Policies
 Procedures
 Married Student Housing
 Human Resources, College of, 57

I

Illinois Guaranteed Loan, 24
 Industrial Education, 226
 Industrial Technology, 146, 147
 Instructional Aids Work-Study, 23
 Intercollegiate Athletics, 29
 Interior Design, 148
 International Students, 17
 Intramurals, 28
 ISSC, 23

J

Job Titles-Entry Level, 64
 Journalism, 149
 Junior College Scholarship, 23
 Justice, Administration of, 66

L

Landscape Horticulture, 184
 Language Arts (English & Reading), 150
 Law Enforcement, 66, 151
 Law, Pre-Professional, 189
 Law, School of, 61
 Learning Disabled, 25, 209
 Liberal Arts, College of, 57
 Linguistics, 152
 Loans, 23

M

Majors, 10
 Management, 153
 Map, Campus, 4
 Map, Illinois Travel, 6
 Marketing, 154
 Married Student Housing, 18
 Math Testing, 21
 Mathematics, 155-157
 Mechanical Engineering, 158
 Mechanical Engineering Technology, 121
 Medicine, Pre-Professional, 190
 Medicine, School of, 61
 Microbiology, 159
 Military Experience Credit, 46
 Mining Engineering, 160
 Mining Technology, 147
 Minors, 10
 Motor Vehicles, 31
 Mortuary Science and Funeral Services, 161
 Music, 162-170

N

National Direct Student Loan, 23
 Need Analysis, ACT-FFS, 23
 New Student Admission Services, 12
 Numerical Control, 216
 Nursing, Pre-Professional, 191

O

Occupational Education, ETD, 221
 Offices, 7, 21
 Optometry, Pre-Professional, 192
 Orientation, 26
 Osteopathy, Pre-Professional, 190
 Outdoor Recreation, 135, 199

P

Paralegal Studies, 171
 Park and Community Recreation, 199
 Pell Grant, 23
 Pharmacy, Pre-Professional, 193
 Philosophy, 172
 Photographic Production Technology, 173
 Photojournalism, 95
 Photography, 95
 Physical Education, 174-176
 Physical Therapist Assistant, 177
 Physical Therapy, Pre-Professional, 194
 Physics, 178, 179
 Physiology, 180
 Plant and Soil Science, 181-185
 Political Science, 186, 187
 Pre-Advisement Math Testing, 21
 Pre-Business, 51
 Pre-Dentistry, 188
 Pre-Law, 189

Pre-Major Advisement, 48
Pre-Medicine, 190
Pre-Nursing, 191
Pre-Optometry, 192
Pre-Osteopathy, 190
Pre-Pharmacy, 193
Pre-Physical Therapy, 194
Pre-Professional Programs, 47
President's Scholars, (see University Honors), 32
Pre-Veterinary Medicine, 76, 195
Probation, Academic, 39
Professional Degrees, 10, 60
Proficiency Examinations, 34
Project Achieve, 26
Psychology, 196
Publications, 233
Public Relations, 213

R

Radio - Television, 197
Radiologic Technology, 73, 198
Reading Education, 150
Recreation, 199
Regional and Non-Regional Accreditation, 45
Registration, 20
Religious Studies, 200
Repeating Courses, 46
Residence Halls, 18
Respiratory Therapy, 73, 201
Retailing, 98
ROTC, 62
Russian, Non-Teaching, 202

S

Satisfactory Progress, 39
Scholarships, 23
Scholastic and Professional Honoraries, 32
Scholastic Standards, 39
School of Law, 61
School of Medicine, 61
School Speech Clinician, 101
Science, College of, 58
Secondary Education, 55
Secretarial and Office Specialities, 203, 204
Semester Hours, 40
Services, 25
SIU Scholarships, 23
Social Organizations, 26
Social Studies, 205
Social Work, 206
Sociology, 207
Sororities (see Social Organizations), 27
Spanish, Non-Teaching, 208
Spanish, Teaching, 132
Special Education, 209
Special Interest Groups, 26
Special Major, 35
Special Programs, 35
Specialized Student Services (see Disabled Student Services), 25
Speech Communication, 210-214
Speech Clinician, 101
Speech Pathology and Audiology, 101
Student Data, 8
Student Development, 26
Student Services, 25
Study Abroad, 37
Suspension, Academic, 39

T

Teacher Education Program, 14, 54
Technical Careers, 59
Technical Careers, College of, 59

Theater, 215
Therapeutic Recreation, 199
Tool & Manufacturing Technology, 216-218
Touch of Nature, 27
Transfer Admission Requirements, 13
Transfer Student, 11
Transcripts and Test Scores, 11
Travel Map, Illinois, 6
Travel Study, 37
Tuition and Fees, 22

U

Unclassified Adults, 17
Undecided Major, 48
Units, Academic, 7
University, 8
University Honors, 32
University Placement Center, 25
University Studies Degree, 219

V

Veterans-
Admissions, 17
Benefits, 23
Credit, 46
Veterinary Medicine, Pre-Professional 76, 195
Visits to Campus, 232
Vocational Education Studies, 220-226
Vocational-Technical Institute (see College of Technical Careers), 59

W

Wildlife (See Zoology), 227
Women's Services, 25
Work Experience Credit, 34
Work Study, 23

Z

Zoology, 227, 228

VISITS TO CAMPUS

We welcome prospective students, their families, friends, and counselors to learn more about SIUC through various on-campus and off-campus events. Activities on campus include Campus Visits, Group Visit Days, and Open Houses. SIUC Previews are held in several off-campus locations around Illinois each year.

Campus Visits are available by appointment Monday through Friday, 8:00 a.m. to 4:30 p.m.; to make best use of the visit, please plan to arrive by 2:00 p.m. Please make reservations approximately seven days in advance. Admissions Counselors are available to advise you about academic programs, student services, admission policies and procedures, housing options, financial aid and general information about the University and community. Guided tours of the campus are available. Appointments with departmental representatives can be arranged with advance notice.

Group Visit Days are, quite simply, Campus Visits by groups of people. The same arrangements are available, but an advance reservation is a must.

Open Houses are held on campus 4-5 times per year. Activities include admissions counseling, departmental exhibits, displays by student organizations, presentations on financial aid and other student services, campus and departmental tours, and opportunities to enjoy other events or activities.

SIUC Previews are events held in locations from October through May to bring SIUC within easy traveling distance of nearly every Illinois community. Activities include admissions counseling, small group and individual sessions on financial aid, a dynamic audio-visual presentation entitled "SIUC Today," consultation about University housing, and information displays on many other programs and services.

For reservations for Campus Visits and Group Visit Days or for information about any of these events, please write New Student Admission Services, Southern Illinois University at Carbondale, Carbondale, Illinois, 62901 or call 800-642-3531 (toll free in Illinois) or 618-536-4405 (direct).

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Rochelle P. Gimenez, Editor

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