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1979-1980 Southern Illinois University Bulletin Carbondale Campus (General Information Catalog)

Southern Illinois University Carbondale

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Southern
Illinois University
at Carbondale
Bulletin



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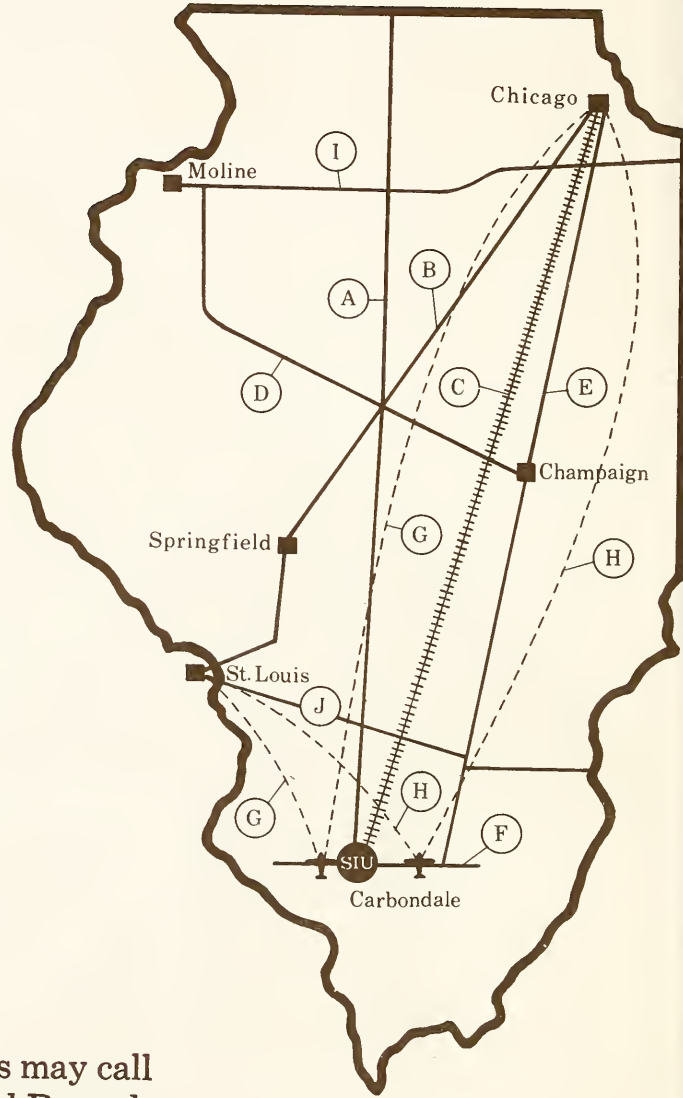


Where Is SIUC?

How Do I Get There?

- A/U.S. Route 51
- B/Interstate 55
- C/Amtrak-I.C.G.R.R.
- D/Interstate 74
- E/Interstate 57
- F/Illinois Route 13
- G/Air Illinois
- H/Ozark Airlines
- I/Interstate 80
- J/Interstate 64

Southern Illinois University at Carbondale is located approximately 60 miles north of the southern tip of Illinois. Major air, rail, and bus lines serve the SIUC campus, and students from the northern reaches of Illinois find Amtrak and Interstate 57 the fastest and most direct routes to Carbondale. SIUC is located approximately 110 miles (2 hours driving) southeast of St. Louis, and 330 miles (6½ hours driving) south of Chicago. Both Air Illinois and Ozark Airlines serve the immediate SIUC area.



For more information Illinois residents may call toll free to the Office of Admissions and Records Monday through Friday, 10:00 A.M.-4:30 P.M.
1-800-642-3531

Southern Illinois University at Carbondale is required to comply with the provisions of Title IX of the Education Amendments of 1972 and Section 504 of the Rehabilitation Act of 1973. Title IX mandates that no person shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance. Section 504 provides that no otherwise qualified handicapped individual shall, solely by reason of the handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance. Inquiries concerning the application of Title IX or Section 504 regulations may be directed to Dr. Mary Gasser or Mr. Richard C. Hayes, University Affirmative Action Office, Anthony Hall, Room 104, telephone 536-6618.



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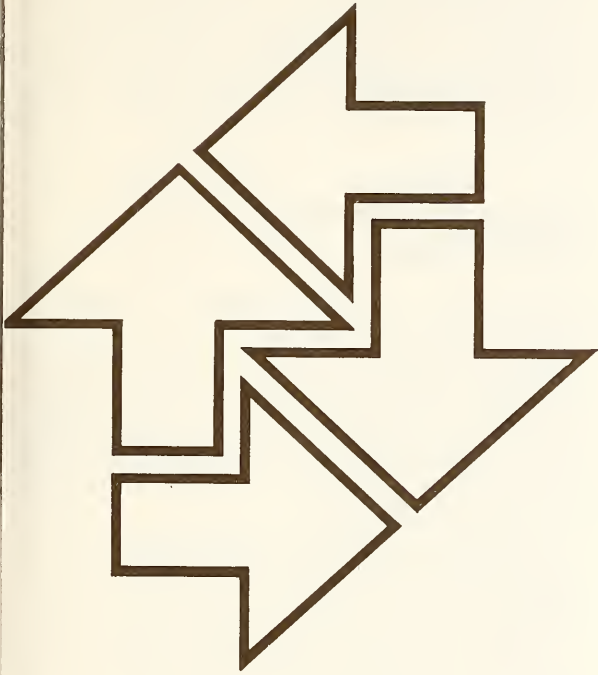
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What to Look for in a College

First determine if the college or university has the major you want. Obtain and thoroughly review the catalog of each institution you are thinking about. When you have narrowed your selection to two or three schools, schedule visits to them. Attempt to talk with personnel in admissions, housing, student work and financial assistance, and also with a representative of each department that interests you.

Assistance in making such arrangements normally can be obtained by contacting the admissions office of the institutions of your choice. In corresponding with and in visiting a campus, you may also discover just how much interest that school and its personnel have in you.

Compare Academic Programs

If you want to receive a degree in radio-television, journalism, forestry, or any other field, don't settle for anything less. Examine college catalogs carefully. Make sure the institution you choose offers a degree in your major, not just a specialization or a few courses under some general degree. Examine the depth and scope of training available at the graduate level to determine what opportunities would be available if you decided to work toward advanced degrees. Graduate work in many fields is fast becoming a necessity.

Consider what you would have to do if you changed your major. Are the academic offerings large enough in your areas of interest to accommodate a change in major?



Visit the Campus

Anyone who is seriously interested in making the best possible selection in schools will shop around. Visiting a college campus gives first hand knowledge of the campus environment, what its faculty and students are like, and if its academic programs suit your individual needs. You should shop as wisely for a college as you would for a home.

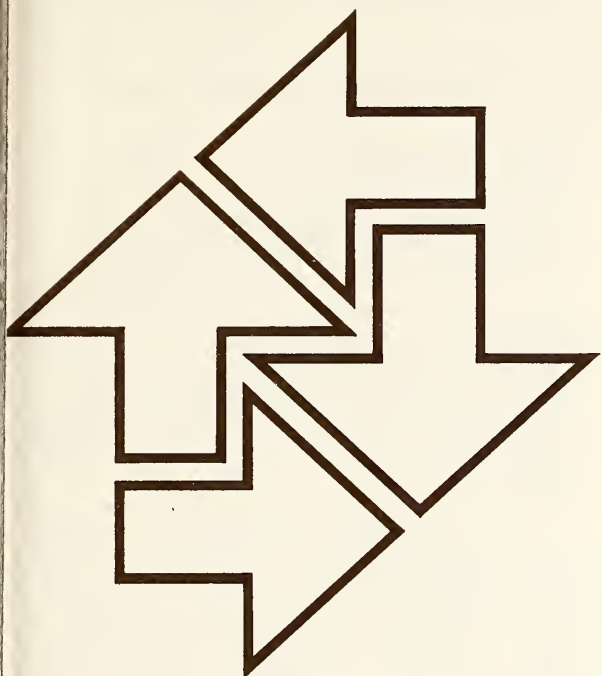
Each college campus has its own personality and atmosphere. It's something that you must experience in person to appreciate, for no two campuses are ever alike. Some institutions look very impressive on paper, but in person you may find their images and facilities to be publicity techniques and little else.

Compare Costs and Financial Aid Packages

Make sure you are investing your time and money wisely.

Never equate high or low costs with the quality of education. Examine academic programs, library facilities, physical plant, faculty, and student services to determine exactly what you have available in return for your investment.

Investigate deeply into financial aid packages. Ask yourself and college officials how long you can count on their assistance. Take advantage of state and federal programs based on financial need; these often pay more than institutional awards. Check out academic scholarships at various institutions to determine if you might be eligible. Above all, apply early for financial aid.



A Comprehensive University

Full-time resident enrollment at Southern Illinois University at Carbondale is among the top 30 in the nation, yet teaching efforts are focused on the special interests of individual students. The various schools, colleges, divisions, and departments are designed to offer general and professional training from two-year associate degree programs to doctoral degrees.

The University and all of its programs are fully accredited by the North Central Association of Colleges and Secondary Schools. A complete list of accrediting agencies for individual programs and majors can be obtained by requesting the *Undergraduate Catalog*.

The comprehensive offerings of Southern Illinois University at Carbondale can be matched only by a few institutions in the nation. The outstanding faculty display diverse backgrounds and training from the best schools throughout the world. Seventy percent of the full-time faculty hold the doctorate. The ratio of undergraduate students to full-time faculty is 18 to one.

The Undecided Option

If you have decided upon a major, you may declare it and be admitted directly to that program. However, surveys made in the past several years reveal that slightly more than half of all entering freshmen have not chosen a major at the time they apply for admission. Many students in addition change their majors after their first term of attendance.



Choosing a major and ultimately a career is one of the most important decisions anyone ever makes. Pre-major advisement, in General Academic Programs, provides the opportunity for a student to come in contact with new ideas and curricula of more than a hundred undergraduate specializations.

Under the guidance of professional academic advisers, the student finds that the selection of a major field logically follows a period of experimentation with the variety of courses offered in General Studies and the major disciplines of the University.

The General Studies Program

It has been said that every educated person should know both a little of everything and something well. Every student should learn enough about the major areas of learning outside his or her field of concentration to keep the overall program of study from over-specialization and narrowness. This "broadening-out" process is called general education and is an integral part of degree requirements at most colleges and universities in this country.

At SIUC the general education concept is implemented through a program called General Studies. The pattern is a simple division into five areas of study. A wide range of choice is available and particular course selections will depend upon your individual interest and background. The University believes in a strong, well-rounded education, but does not believe that every student must take the same courses to meet that objective. Your academic advisor will assist you in determining which courses will be right for you. But remember that the ultimate responsibility for specific course selection is yours. Flexibility is the keystone of our present program—flexibility fitted to your individual talents and interests.

The requirements within the five areas of General Studies are:

Area A: Human Physical Environment and Biological Inheritance—9 semester hours chosen from courses representing three different departments such as botany, chemistry, engineering, geography, geology, music, physics, physiology, psychology, and zoology.

Area B: Human Social Inheritance and Social Responsibilities—9 semester hours chosen from courses representing three



different departments such as agriculture, anthropology, black American studies, child and family, economics, education, family economics and management, finance, geography, history, journalism, linguistics, political science, psychology, and sociology.

Area C: Human Insights and

Appreciations—9 semester hours chosen from courses representing three different departments such as art, black American studies, cinema and photography, design, literature, foreign language, music, philosophy, recreation, religious studies, speech, and theater.

Three additional hours are required and may be chosen from Area A, B, or C.

Area D: Organization and Communication of Ideas—11 semester hours including 5 semester hours of English composition; 4 semester hours of mathematics; and 2 semester hours of speech or other oral communication.

Area E: Human Health and Well-Being—4 semester hours chosen from numerous physical education activities, including aquatics, exercise, dance, individual and team sports; and academic courses in the fields of health and nutrition.

There is no mandatory freshman program; freshmen are free to take, within the broad framework of the General Studies Program, any courses that interest them and which they feel they can handle. For example: Would you like to learn more about hi-fi sound systems? . . . where to look for oil? . . . space science? . . . the relationship of man to nature? . . . how to identify the wild flowers of southern Illinois? . . . how to predict weather? . . . Do the cultures of America or the world interest you? . . . Are you interested in psychology? . . . jazz? . . . religion? . . . philosophy? . . . sociology? . . . or economics? Have you always wanted to learn to play the piano? . . . to scuba dive? . . . to tap dance? . . . to play golf?

You can do all of these things, and more, while you are fulfilling your General Studies requirements. Compare these general education courses with those of other schools and you will readily see why at SIUC general education is enjoyable and rewarding.

Pre-Professional Programs

Many careers in the professions of law, theology, and health require a combination

of general education and specific course work before students may apply to professional schools. The required preparation varies from one to four years. In conjunction with professional schools, SIUC has drawn up recommended pre-professional programs of study which do not lead to a degree in themselves, but which can be combined with a degree program at SIUC.

The pre-law and pre-theology programs of study are coordinated by the College of Liberal Arts.

The most popular non-degree, health oriented curricula at SIUC are those preparing students to apply for training in dentistry, medical technology, medicine (including osteopathic medicine), nursing, optometry, pharmacy, podiatry, and veterinary science. Preparatory course work is available for others, as well.

SIUC has a Health Professions Information Office to assist students in obtaining information about schools, requirements, and application procedures. Two faculty committees, the Pre-dental and Pre-medical Advisory Committees, furnish guidance to students through the HIPO and furnish evaluations of SIUC students applying to dental, medical, optometry, and podiatry schools after careful review of the student's qualifications.

Many pre-professional students will be in the undergraduate college four years and, since there are no degrees awarded in pre-professional programs, they may choose any major, combining its departmental and other University graduation requirements with the requirements of the professional school.

Generally, pre-professional requirements include courses in biological sciences, chemistry, English, mathematics, and physics. Specific courses within these disciplines and additional requirements in social sciences and humanities vary with the health career sought and, to some extent, with individual schools. The application process for most professional schools begins a year in advance and includes an admissions test.

SIUC is one of the minority of universities having an office and a full time advisor to help with the pre-professional concerns of health career students in addition to academic advisors who guide the students' total course selection.

School of Agriculture

The School of Agriculture is blessed with

the facilities, the personnel, and the geographic location that make it one of the outstanding study, research, and service centers for agriculture and forestry in the midwest. In addition to classrooms and laboratories, University facilities which are devoted to teaching and research in the School of Agriculture include nearly 2,000 acres of farm and timber land, 15,575 square feet of greenhouse space, and a special center devoted to each of six species of livestock. Area resources which are available for field study, research, and practical laboratory experiences include the USDA Forestry Sciences Lab, located on campus; the nearly 240,000-acre Shawnee National Forest, the Walnut Research Station, and several state parks.

Although good teaching is the primary responsibility of School of Agriculture faculty, research shares a near-equal priority. Research supports graduate student programs and serves to discover new or improved agricultural information. Areas of investigation range from animal nutrition to animal waste disposal, from walnut genetics to wood technology, from strip-mine reclamation to greenhouse production practices for ornamental plants, from farm credit to farm marketing, from zero tillage to soybean breeding for nematode resistance, and from agricultural education to park and recreation areas' use. This broad range of research topics reflects the areas of interest of faculty and students and their response to current demand for new and improved agriculture information.

School of Agriculture students come from both rural and urban homes, and yes! a rapidly increasing number of agriculture and forestry students are women.

Over 90 percent of the faculty hold the doctorate, and among the faculty there are graduate degrees from more than 30 of the most prestigious schools or colleges of agriculture in the nation. SIUC is a member of the National Association of State Universities and Land Grant Colleges (NASULGC).

College of Business and Administration

The College of Business and Administration provides excellent training to students interested in managerial careers in business, government, and public-service organizations. The programs offered are also attractive pre-law alternatives in that

the education provided is not only an excellent preparation for law school but, more importantly, business training is invaluable in the actual practice of law. Many students who are undecided about a career find the programs within the college valuable because they prepare the student for a wide variety of employment possibilities.

Students can take classes from national authorities in accounting, organizational behavior, operations research management, marketing, and investments—faculty whose works have been published in the *Accounting Review*, the *Harvard Business Review*, the *Journal of Finance*, *Management Science*, the *Journal of Marketing Research*, and *Operations Research* just to mention a few. The faculty of the college emphasizes excellence in instruction, and some of the University's best teachers are faculty members in the College of Business and Administration.

Many opportunities for professional development exist outside the classroom environment. Several active student organizations operate in the college and allow the individual students to become involved and to develop many qualities which will be of use in their later professional careers. Programs, such as the Alumni Lecture Series and Executive of the Day, enable students to meet successful business executives and to discuss opportunities and problems with them.

In this day of computers, students in the college can become acquainted on a hands-on basis with the college's small business computer. In many classes students are given actual business problems for their review and consideration. In brief, educational experience in the college is relevant and deals with real world situations.

Students may also be able to culminate their professional growth during their senior year by completing an internship program. Perhaps most important, they usually find upon graduation that their training is in demand by employers, many of whom come to the campus to interview them during their senior year.

Ample graduate opportunities are also available to those students who desire further training in business administration. Students, whether undergraduate or graduate, discover that the college provides a quality education. Accreditation by the Accreditation Council of the American Assembly of Collegiate Schools of Business attests to this.



College of Communications and Fine Arts

The College of Communications and Fine Arts offers a level of professional instruction that has made it one of the most popular and attractive academic units on campus.

Each school or department in the college has a success story of its own. The Department of Radio-Television reinforces formal academic training with plenty of practical experience. The University operates two maximum-power full-color television stations serving 46 counties as well as a 50,000 watt stereo FM radio station serving three states. Theory merges with experience on the air to create a highly successful academic program.

The operating matrix for the Department of Theater includes an ultra-modern main stage theater with a seating capacity for 600, plus a 150-seat theater for student productions and experimental works.

The School of Journalism is considered one of the best in the nation and offers students modern facilities, sophisticated equipment, thorough training and practical experience. Journalism students can work for one of the best college newspapers in the country, the *Daily Egyptian*, with a daily circulation of 20,500, gain experience, and get paid while doing it.

The program in the Department of Speech Pathology and Audiology prepares students to be certified speech pathologists and audiologists at both the state and national levels. Three degrees, B.S., M.S., and Ph.D., are offered combining extensive coursework at all levels as well as extensive training in the University's Clinical Center.

The Department of Cinema and Photography provides students with modern darkrooms and studio facilities for the production of cinema and still photography. A comprehensive curriculum with various specializations is designed to meet the interest and professional needs of students.

Some of the best sounds in the nation are produced by the School of Music. Graduate and undergraduate programs are directed toward producing performers, composers, historians, and music educators. You will find eighteen performing groups in regular rehearsal on the SIUC campus as well as a department which produces over 130 events locally per year; some are even sent on tour.



The School of Art emphasizes three major areas: studio, history, and education. Studio majors in painting, drawing, and prints are prepared to work independently as artists or in commercial studios and business. Students in crafts are prepared for independent pursuits in their own studios or for larger workshops. Students in education are equipped to meet all requirements for teaching in the public schools. For the art history majors, there's advanced work at the graduate level and college teaching.

The Department of Speech Communication prepares students for careers in professional, instructional, and artistic communications. Four separate majors allow students maximum flexibility. Besides majors in general speech, speech education, and oral interpretation, the public relations major is one of the more outstanding in the midwest.

College of Education

Training teachers is the special function of the College of Education. Most students who enroll in the college pursue teaching programs which are approved by the National Council for Accreditation of Teacher Education and the State Certification Board in Springfield. The College of Education grants both the Bachelor of Science and Bachelor of Music Education degrees.

A non-teaching option is offered by the Department of Recreation within the college. This major prepares students for positions in the management of people's leisure time pursuits and has five different specializations: (1) Park and Community Recreation; (2) Recreation and Special Populations; (3) Outdoor Recreation; (4) Commercial Recreation Management; and (5) Program Specialists.

Programs leading to teacher certification in Illinois are offered in Elementary Education, Early Childhood Education (K-3), Early Childhood Pre-school Education, and 23 secondary education majors. The Early Childhood Education Preschool specialization is offered jointly with the Department of Child and Family in the College of Human Resources and is designed specifically to prepare future teachers of children under 6 years of age. Students majoring in Special Education are prepared to work with behaviorally disordered, mentally retarded, and learning disabled children.



In the Department of Vocational Education Studies programs are designed to prepare persons for teaching, supervisory, and leadership roles in elementary schools, secondary schools, colleges, military, and industry in many different areas of vocational and pre-vocational education. Included in these offerings are both certification and non-certification programs.

The Teacher Education Program provides students with a wide variety of clinical experiences in public school settings prior to the semester of student teaching. In such experiences, students participate with certified teachers in planning, delivering, and assessing learning experiences for children and adolescents. Student teaching, the final professional education classroom experience in the Teacher Education Program, is possible in selected public school teaching centers in communities in Illinois. Student teaching centers are located not only in southern Illinois cities such as Carbondale, Herrin, Marion, and Mt. Vernon but also in Belleville, Springfield, and the suburban Chicago area.

Although some teaching fields continue to be over-crowded, employment opportunities for teachers are good to excellent in such fields as agriculture, business education, industrial arts, mathematics, physical science, and special education. The willingness to locate in any geographic area is a key factor in finding a teaching job. Graduates from SIUC now teach in all 50 states and in many foreign countries.

College of Engineering and Technology

Optimism and concern are qualities in an engineer equally important to technical expertise: optimism, because an engineer must believe that the complex problems confronting society today are surmountable; concern because she/he must want to find a solution, the best solution.

If you are optimistic and concerned about the physical world around us, the College of Engineering and Technology can provide training in the technical expertise to cope with it.

The college offers strong academic programs that clearly conform to presently understood definitions of engineering, engineering technology, industrial technology, and mining technology

curricula. The programs are modern and prepare graduates for a wide range of jobs in industry and government agencies. SIUC is one of relatively few institutions offering such a broad spectrum of training for the engineering and allied engineering professions. All options under engineering (except the new mining engineering option initiated in the fall of 1979) as well as the specializations in engineering technology are accredited by the Engineers' Council for Professional Development (ECPD). The industrial technology program is accredited by the National Association of Industrial Technology.

Faculty members of the college have been carefully selected, with attention not only to their formal training (most have the Ph.D.), but to experience in industry as well. Further, they have come from a wide range of recognized institutions. Class size, interested faculty, and faculty involvement with student organizations have encouraged close student-teacher relationships.

Experienced faculty members, chosen for their interest and ability to relate to students, serve as academic advisors.

Facilities are modern and attractive. The engineering and technology building complex, completed in 1967, is located adjacent to campus lake. Laboratory equipment is of preferred quality.

Opportunities in engineering and technology are excellent for the foreseeable future. Young men and women interested in meeting society's needs through the application of technological know-how are encouraged to consider one of these challenging fields.

General Academic Programs

SIUC's extensive interdisciplinary programs are administered by the General Academic Programs unit. For example, the General Studies Program and advisement for students undecided about a major which we discussed earlier are both overseen by General Academic Programs. The unit also supervises the President's Scholars (an honors program) and the Center for Basic Skills and Special Supportive Programs (two programs supplying tutorial and other help to disadvantaged freshmen who show potential for academic success). In addition, General Academic Programs administer three degree programs described below.



University Studies

The University Studies degree program is offered to serve the student who wants a broad general education without specialization on the undergraduate level. This program allows the students to outline their own curriculum with few restrictions.

Students who have completed one year of college level coursework with a 2.25 grade point average ($A=4.0$) may petition to enter the University Studies program. The program is administered by the dean of General Academic Programs. Students basically devise their own curriculum from the course offerings of the various colleges and schools within the University, but within the framework of the University Studies major. The student pursues either the Bachelor of Arts or the Bachelor of Science degree in University Studies.

President's Degree

The President's Degree program is designed to provide a distinctive educational experience for selected students who have high motivation and talent and who are interested in pursuing a program concentration of interdisciplinary studies at the undergraduate level. The objective of the program is to create a learning environment best suited to the needs and talents of these students.

Students whose scores are in the top seven percent on national tests, and who rank in the top ten percent of their high school class are eligible to apply for admission as freshman. Continuing and transfer students should have a $B+$ average to warrant consideration for admission to the program.

President's Degree students choose an appropriate faculty advisor to help them plan a logical and challenging curriculum. Participants may remain in the program as long as they are able to show they are obtaining benefits consistent with the President's Degree objectives, and as long as they maintain a B average. The President's Degree Program leads to the Bachelor of Arts or the Bachelor of Science degree.

Special Major

A student with academic needs not met in an existing major may arrange a special undergraduate degree program in lieu of a standard curriculum. This special major is developed by the student, in



consultation with a faculty sponsor, to fulfill special needs and interests. The degree is granted by the appropriate academic unit in the University.

College of Human Resources

People-oriented career education is the thrust of the College of Human Resources. The college's four undergraduate divisions offering eight majors make manifest this goal.

The administration of justice division offers the Bachelor of Science degree in administration of justice, for the student who is concerned with the problem of crime—its causes, prevention, and control—and the adjudication and treatment of offenders.

The primary concern of the division of comprehensive planning and design is design of aspects of human environment ranging from body covering through shelter to communities. A major in clothing and textiles allows undergraduates to specialize in either retailing or apparel design. Students may earn credit for off-campus study tours and work experience. The design major provides specialization in visual communications and product design. The interior design major offers a professionally and architecturally oriented program of study, and is among the few in the nation to achieve accreditation by the Foundation for Interior Design Education Research.

The division of human development focuses on family and related services. The child and family major permits specialization in either pre-school programs, to prepare graduates for positions in private schools or residential facilities for exceptional children, or in pre-school/early childhood programs leading to certification by the state of Illinois. Students wishing to work in consumer affairs or family services find the family economics and management major excellent preparation. Specializations in dietetics, foods in business, food and lodging systems management, and food and nutrition science have been developed to meet the individual and professional needs of students in the food and nutrition major.

The fourth division is social and community services, which emphasizes service to society in its programs. The social welfare major offers a professional curriculum covering the principles and



skills of developing and delivering services to individuals, groups, and communities. A minor is available in black American studies, and a program in ethnic studies is currently being developed.

College of Liberal Arts

Help preserve remnants of an ancient American Indian civilization; understand climatology and mold the earth's physical and social environment; serve as a legislative intern—these are just a few of the dynamic opportunities available to students in the College of Liberal Arts.

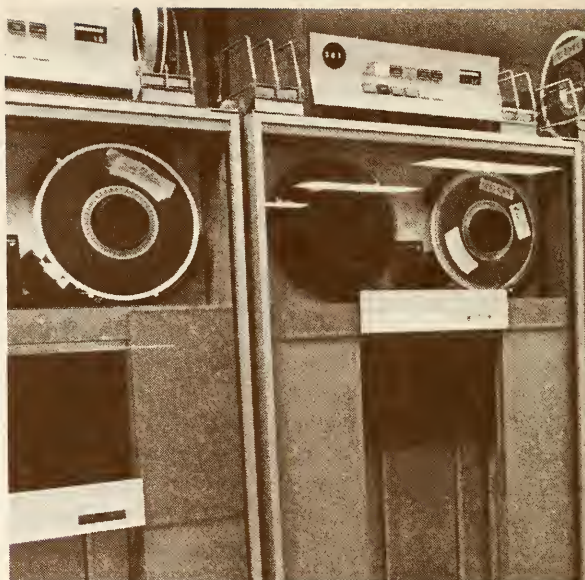
Whether you choose to study anthropology, geography, political science, or one of the many other liberal arts majors, you will come a little closer to comprehending the infinite variety and intricacy of human society, and the richness of cultural heritages, not to mention yourself. Also, through the college's interdisciplinary courses, you can examine those forces which are shaping life today, among them law in American society and values in the communication arts.

Explore the world around you in such majors as economics or history. Or, develop an understanding of contemporary society and problems through the Department of Sociology. Research the effects of brain damage or how to control compulsive behavior in the Department of Psychology.

As important as understanding the life around you is the ability to communicate that understanding. The Department of English sharpens communication skills for use in creative writing, for pre-professional study, for teaching communication skills to others, or for exploration of people's comments about life in literature.

Likewise, you can study foreign languages and cultures to gain a unique vantage point on your own language and culture, or to develop bilingual skills so useful in business and government careers. You can also probe the workings of language itself in the Department of Linguistics. The Department of Computer Science shows you how to process myriad bits of information required for understanding the world around you. Mathematics is yet another mode of communication as you explore the interrelatedness of things.

Finally, you can wrestle with the thorniest problems of meaning, ethics, and reality in the Department of Philosophy. Or, with a major in religious studies, develop an appreciation of the role of



religion in human experience, from the archaic and primitive to Judaism, the religions of the Far East, and Christianity.

A solid liberal arts background is a definite asset in pre-professional study. The College of Liberal Arts maintains a pre-law advisory committee to counsel prospective lawyers with up-to-date information and guidelines. Pre-medical and pre-dental students also find liberal arts majors invaluable training.

College of Science

The College of Science is composed of the Departments of Botany, Chemistry and Biochemistry, Geology, Microbiology, Physics and Astronomy, Physiology, and Zoology. Included in the academic programs offered by the faculty are the following interdepartmental programs: undergraduate and graduate programs in biological science and engineering biophysics; a graduate program in molecular science; baccalaureate preprofessional programs in dentistry, medicine, medical technology, pharmacy, and veterinary medicine; and special majors. The College of Science also offers a baccalaureate degree in mathematics.

The philosophy and aim of the College of Science is to provide academic programs which give students a sound command of basic principles, versatility of mind, insight and perspective concerning scientific phenomena and the habit of continued learning. It maintains a commitment to foster for its students those qualities of intellect and character which distinguish truly educated men and women sensitive to the problems of people and their environment and dedicated to their resolution. The continuing search for new methods of teaching, rapid assimilation of new knowledge into teaching programs, and constant emphasis on self-criticism are evidences of the faculty's commitment to maintain and extend high quality in professional standards for its teaching and research.

New areas of scientific enterprise and educational pathways, presently called interdisciplinary approaches, which constitute the true scientific disciplines of tomorrow have already been initiated to channel the student along modern educational paths worked out by cooperative efforts of scientists from various areas. This is to ensure that students will be prepared as adequately as possible for coping successfully with the manifold new problems which they will

have to face as leaders in a highly advanced scientific technologic society.

Students may pursue specialized training and research with the most current scientific equipment available. Several spacious air-conditioned buildings house classrooms and research laboratories. The large vivarium is considered to be one of the best in the country. Other facilities include a library of well over 1.7 million volumes, computer units, a series of experimental ponds, shops to aid in design and construction of research needs, a ten-acre wildlife enclosure, and four outdoor laboratory accommodations. The geographic location and physiographic features of southern Illinois offer unequal opportunities for the use of natural and man-made environments in teaching and research.

School of Technical Careers

The School of Technical Careers (STC) provides a full range of career-oriented programs, from the associate degree through post-associate specializations to individualized baccalaureate programs. It is a unit unique to Southern Illinois University at Carbondale, which was one of the first major universities in the nation to initiate vocation-centered programs.

The School of Technical Careers is geared to serve the educational needs of its students in their pursuit of immediate and long-range goals. Its progressive levels of instruction accommodate students' needs for recurrent or "stop-in, stop-out" education, permitting alternate periods of work and study.

High school graduates, college transfer students, returning veterans, teachers seeking to keep abreast of advancement in their fields, adults who want to improve or re-direct their career preparation—all of these find a place in the School of Technical Careers.

Associate and post-associate career programs are offered in 20 fields. These are high-demand programs which are not readily available in community colleges, such as aviation technology, or programs which draw from other resources of the University, such as physical therapist assistant or photographic and audio-visual technology. The school conducts the state's only public mortuary science and funeral service program. Programs in law enforcement and correctional services have the benefit of cooperation with state and federal penal institutions and with the

University's Center for the Study of Crime, Delinquency, and Corrections. Post-associate specializations, such as court and conference reporting, give students the opportunity to build upon their associate degree work with added studies necessary for licensure or those needed to meet the special requirements of a particular career field.

The baccalaureate degree program in technical careers is unique to this school. It is designed to meet the educational needs of the career-oriented student which are not filled by existing programs. Many types of previous educational and occupational experiences may be applied to this program. The student, in consultation with advisors, develops a course of study designed to meet the individual's own career objectives.

For example, a student who plans to make a career in preventive dental hygiene may combine studies in health, food and nutrition, guidance, and physical education with the dental hygiene program to develop an individualized four-year program. Or, the individual who wishes to go into graphic arts management might add studies in business, journalism, and administrative sciences to programs in commercial graphics or printing.

The student whose goal is operation of an automobile dealership or maintenance facility can combine business, management, and industrial technology courses with studies in automotive technology. One who sees career possibilities in designing funeral home facilities might study architecture, interior design, and mortuary science.

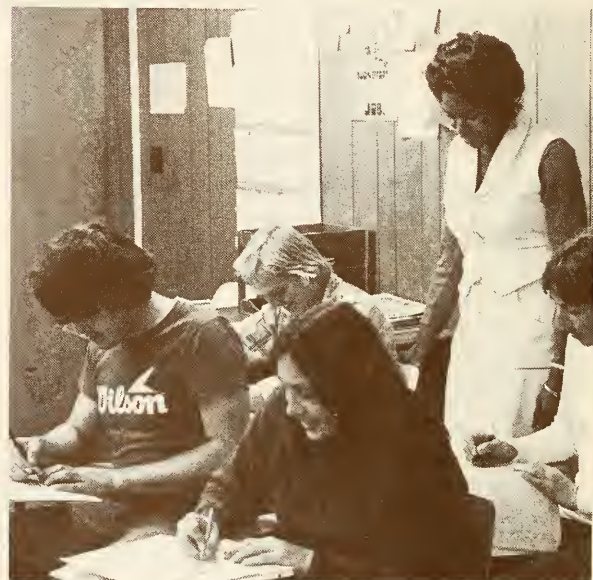
Possible courses of study and combinations of interests in this program are as limitless as the needs of the students enrolled.

Graduate and Professional Study

A significant part of what makes SIUC a comprehensive university is the variety of graduate and professional study. Advanced research in a program adds depth to undergraduate study and assures that subject matter, treatment, and facilities are up-to-date, not to mention down-right exciting!

Graduate School

At Southern Illinois University at Carbondale, the primary concern of the Graduate School is graduate instruction and research. The Graduate School



therefore plays an essential role in development of instructional and research programs, in acquisition of funds, and in procurement of facilities necessary to encourage and support research by members of its scholarly community. Through students who meet the Graduate School's high standards of achievement by completing advanced courses of study and through students and faculty members who achieve significant results in their research, the Graduate School makes its contribution to the public welfare of the region, the state, the nation, and a number of other countries.

Master's degrees are available in the major fields listed below

Accountancy
 Administration of Justice
 Agribusiness Economics
 Agricultural Education & Mechanization
 Animal Industries
 Anthropology
 Art
 Behavior Modification
 Biological Sciences
 Botany
 Business Administration
 Business Education
 Chemistry
 Cinema and Photography
 Community Development
 Computer Science
 Early Childhood Education
 Economics
 Educational Administration
 Educational Media
 Elementary Education
 Engineering
 Engineering Biophysics
 English
 English as a Foreign Language
 Environmental Design
 Foreign Languages and Literatures
 French
 German
 Spanish
 Forestry
 Geography
 Geology
 Guidance and Educational Psychology
 Health Education
 Higher Education
 History
 Home Economics Education
 Human Development
 Journalism
 Latin American Studies
 Linguistics
 Mathematics
 Microbiology
 Mining Engineering

Music
 Occupational Education
 Philosophy
 Physical Education
 Physics
 Physiology
 Plant and Soil Science
 Political Science
 Psychology
 Public Affairs
 Public Visual Communications
 Recreation
 Rehabilitation Administration and Services
 Rehabilitation Counseling
 Secondary Education
 Sociology
 Special Education
 Speech Communication
 Speech Pathology and Audiology
 Theater
 Zoology

Specialist degree programs are available in the fields listed below

Educational Administration
 Elementary Education
 Guidance and Educational Psychology
 Secondary Education

Doctor's degrees are available in the fields listed below

Anthropology
 Botany
 Chemistry
 Economics
 Education
 English
 Geography
 Historical Studies
 Journalism
 Mathematics
 Microbiology
 Molecular Science
 Philosophy
 Physiology
 Political Science
 Psychology
 Rehabilitation-Doctor of Rehabilitation
 Sociology
 Speech Communication/Theater
 Speech Pathology and Audiology
 Zoology

School of Law

The SIUC School of Law program had a big head start when it opened in 1973.

Hiram H. Lesar, respected dean of the School of Law at Washington University, came to SIUC as the school's first dean. The nucleus of a strong faculty, experienced in legal practice and teaching, joined him in the venture. The first-year

class of law students entered in September, 1973.

The main purpose of the School of Law is to train lawyers who will be competent to practice both now and in the future. This involves more than teaching specific legal rules. It includes additional emphasis on analytic skills, research techniques, and the basic legal principles and policies underlying those rules.

When a new School of Law building is built, plans are for an enrollment of 350 to 450 students, with a full-time faculty of 27. In the meantime, the school occupies three buildings in Small Group Housing near Lake-on-the-Campus on the main campus. One building houses classrooms and offices, a second houses the main part of the library, and a third building contains a classroom, faculty offices, the *Law Journal*, and the library technical staff. They provide entirely adequate facilities for a school of 200 students.

Law studies span three years (90 semester hours) and lead to the Juris Doctor (J.D.) degree. The first-year curriculum includes the most basic courses and is required. Second- and third-year courses, mostly elective, are offered in all major fields of law. Students who wish can therefore take a number of courses in such specialized areas as administration of criminal justice, business, civil litigation, legal problems of the disadvantaged, managing the environment, public law, taxation and estate planning, and international law.

Southern Illinois University at Carbondale also gives special attention to those students interested in a pre-law education providing a pre-law advisory committee which meets regularly with interested students.

School of Medicine

Southern Illinois University School of Medicine conducts a three-year program leading to the M.D. degree. The first twelve months of the program are located at medical education facilities on the Carbondale campus; the continuing twenty-four months are at the medical center in Springfield. This split-campus organization allows the School of Medicine to make full use of existing University resources and the long-established and excellent clinical facilities in Springfield at Memorial and St. John's hospitals. The arrangement strengthens the school's commitment of academic support to practicing physicians

throughout central and southern Illinois.

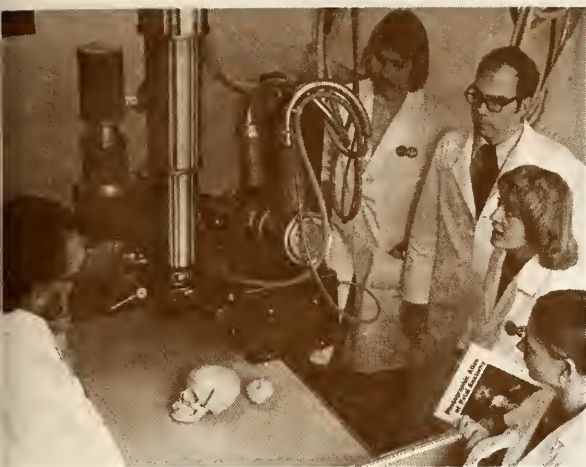
The curriculum is flexible and is intended to be innovative. Faculty is drawn from the University and from the medical communities in both Carbondale and Springfield. Planning was guided by the principles of speed of development, maximum use of existing facilities (human and physical), shortening of education time, emphasis on education for practice in Illinois, and bringing the practicing physician and private health facilities back into education.

First year students master those sciences basic to medicine: anatomy, physiology, biochemistry, microbiology, immunology, and psychology. To enhance the learning experience, the curriculum is organized around organ systems rather than traditional disciplines and includes considerable clinical medicine. The intent is that the learning experience itself demonstrates to the students the inter-relationship of their studies with clinical medicine. In addition to the basic sciences, students also study medical sociology, health care systems, and the history and philosophy of medicine. Since one of the goals of medical education is that graduates will be lifetime self-starting learners, the curriculum is designed to foster this. It sets clear performance goals for each learning experience and gives students substantial latitude in choosing the instructional methods and materials to achieve the competencies expected.

Morris Library

One of the nation's largest academic libraries is the centerpiece for Southern Illinois University at Carbondale. Seven-story Morris Library contains more than 1.5 million books and musical scores, 213,000 government documents, almost 1.7 million units of various microforms, and more than 16,000 phone-discs, cassettes, and open-reel tapes. The library maintains a comprehensive collection of textbooks, journals, papers, maps, films, art works, rare books, and microfilmed, taped and recorded materials.

Since libraries are primary to a college education, the University has given special attention to the quantity and quality of library development. More volumes were added last year, placing SIUC among the nation's high-growth libraries. Reference specialists throughout the library are available to assist in locating material. A handbook on library use is available and those who want



further instruction may enroll in a course on library research methods.

Morris Library is built around four subject libraries (education, humanities, science, and social studies), a Reserve Reading Room, and the Learning Resources Service self-instruction center. Micro-text reading equipment is available in each subject library; hi-fidelity phonograph listening equipment is provided in the humanities library. A central card catalog of the entire collection is located on the first floor; books may be borrowed from a central circulation desk using an automated charging system. Inexpensive coin operated photocopying equipment is available to you on every floor.

The Learning Resources Service makes films and other audio-visual material available to individuals or small groups in much the same way as books are available through the reserve system. The service generates 3,000 film showings per week. The service designs, produces, and uses graphics and audio-visual aids to support all teaching activity at SIUC.



Special Programs

Touch of Nature

The Touch of Nature Environmental Center is offering a three-level course program for high school students to provide them with a better understanding of current environmental problems. These are not classroom courses but are outdoor learning experiences: feeling nature, getting deeply involved with plants, forests, lakes, and various kinds of wildlife. Touch of Nature consists of 6,500 acres of rolling hardwood forest, meadows, caves, plus the thousand-acre Little Grassy Lake as well as numerous other natural areas. Workshop participants live in heated, well maintained cabins and are provided with meals noted for their quality.

Early Admission/Concurrent Enrollment

Are you a high school junior? Would you like to sample the academic offerings at SIUC, or get a head start on college requirements? The Early Admission Program permits exceptionally capable high school students (recommended by their school and approved by the University's director of admissions) to enroll in college level courses, for college credit.

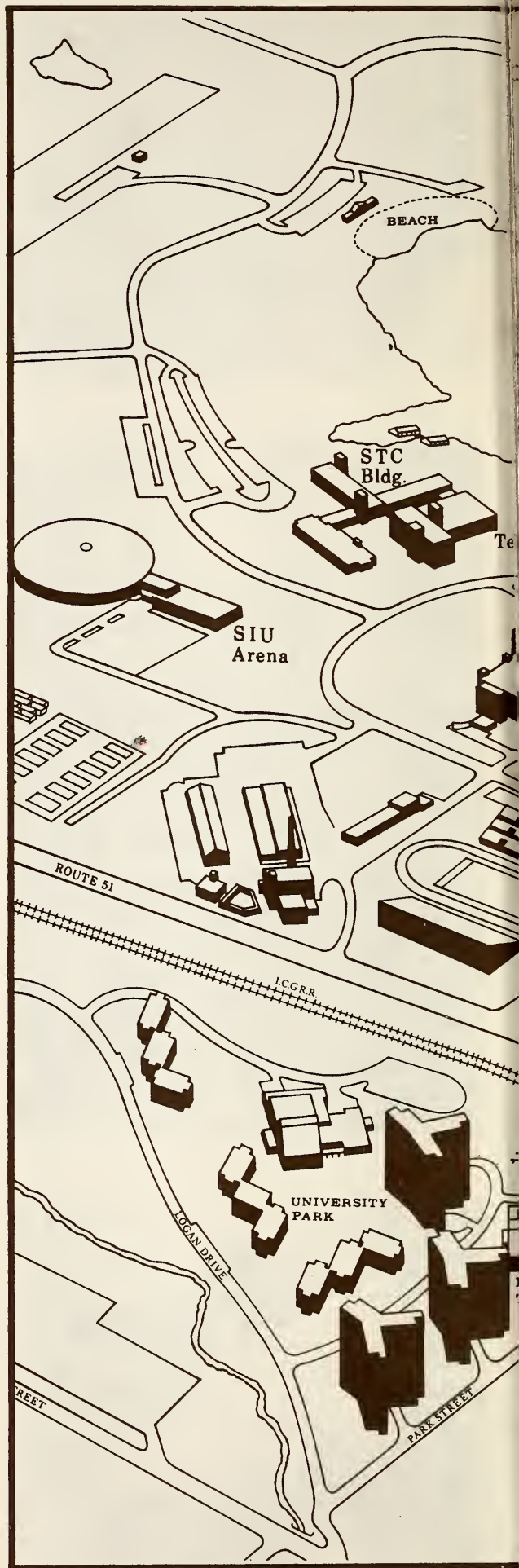
High school juniors (seniors to be) can

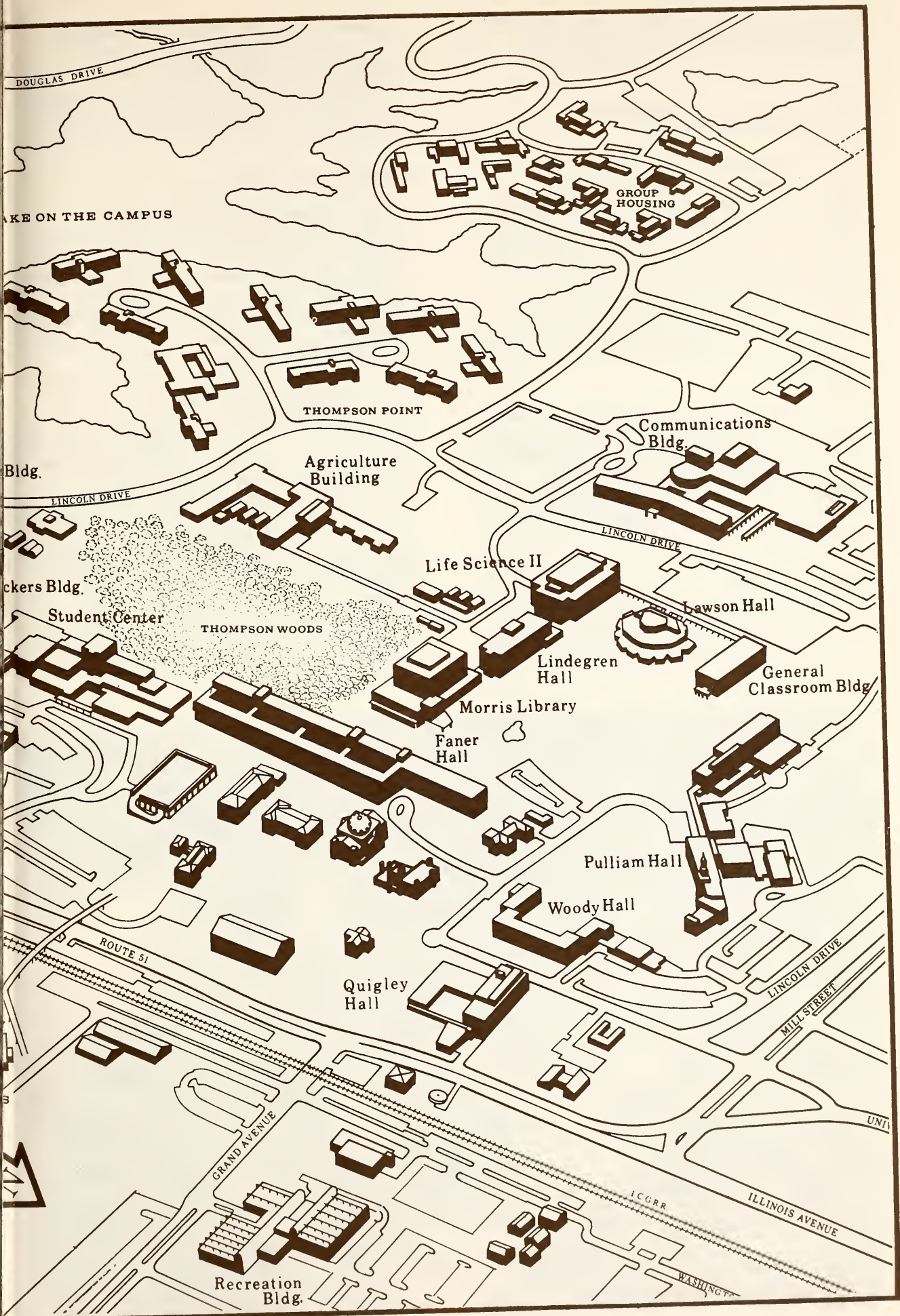


Campus Map

Prospective students and parents should note the location of Woody Hall. The Office of Admissions and Records is located in this building and its School/College Relations Division will make or will have made arrangements for you to tour the campus or visit with various service or academic departments.

Parking is suggested in the lots near the Student Center or directly behind Pulliam Hall. The parking lot directly north of Woody Hall is metered and limited to 30 minutes.





enroll in up to 8 semester hours during the summer term and/or can take credit concurrently during the senior year.

Proficiency Examination and Advanced Placement

SIUC recognizes the importance of encouraging academically talented students to earn credit by examination. A total of 30 semester (45 quarter) hours of college level credit may be applied to the student's record from various proficiency examinations, the College Level Examination Program, and the CEEB Advanced Placement Examination.

Pass/Fail

A qualified student may register for some courses on a *Pass/Fail* basis. The purpose of this grading option is to allow students to explore fields outside their major competence in a relaxed manner and without competing for grades with majors in that field.

Honors Work

Most departments offer special honor courses, honors sections in regular courses, and independent reading and study

courses which are open to all qualified students. Individual honors work is available (in major studies) for outstanding students who want a heavier concentration of research or independent study in their junior and senior years.

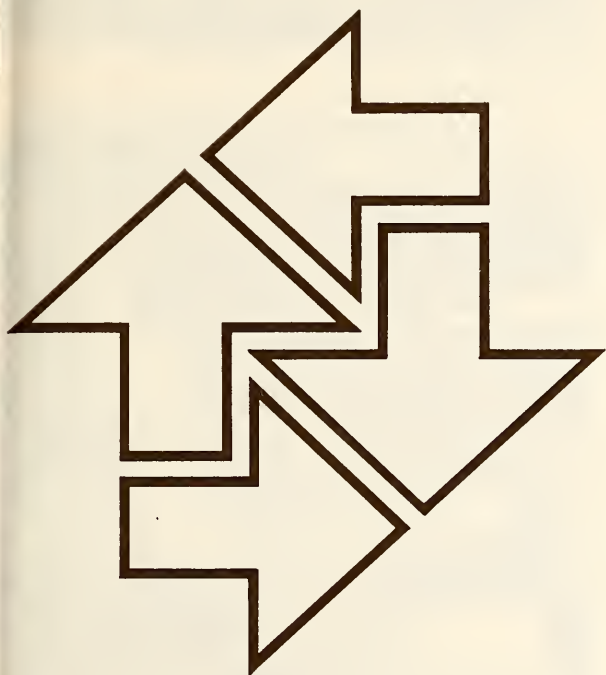
President's Scholars

The President's Scholar program is designed to enable academically talented students to profit from an association with each other, to achieve maximum flexibility within the framework of the general University curriculum; and to take fullest advantage of the talents and resources in the University.

A council of president's scholars works with the scholars' staff to advance the program and to develop special courses and activities. The staff helps the scholars, individually and in groups, to obtain the best curricular and extra-curricular conditions for excellent and rewarding academic work. The program has no rigid curriculum; it is intended to provide the flexibility necessary for the individually styled education especially appropriate to superior students.

Test scores and high school standing provide the basis for inviting entering freshmen to participate in the program.





Student Services

Student Services are rarely emphasized when talking about college choices, but they are essential to your well-being after you are on campus. You certainly won't be pampered at SIUC, but you will find a genuine effort to provide the support you will want and need in order to get the most from your college experience.

Specialized Student Services is a good example of the University's concern for the individual. Handicapped students meeting the University's academic qualifications will be admitted and will be provided the assistance required to make their educational experiences meaningful and rewarding. Assistance includes counseling for specialized needs, help in finding attendants, an emergency wheelchair repair service, a transportation service, and even the scheduling of individual exams where required by the disability.

If you are in a wheelchair, you will find ramps and elevators and a continuing effort to achieve a campus community free from architectural barriers. You will find opportunities to participate in wheelchair athletics and similar activities. Special arrangements are provided for parking and for attendance at events in the SIU Arena and campus auditoriums.

If you are a sightless student you will find Braille reference books and tape recorded material in the audio-visual center of the library. A unique sound-beacon system provides "beeper" stations around campus with information in Braille giving present location, the direction you are facing, and directions to buildings and streets. This system was researched and developed at SIUC.

Sound reinforcement by means of earphones and jacks is installed in various

lecture halls for students with impaired hearing.

A comprehensive health care program provides a full range of medical services for all SIUC students. Included is 24-hour emergency and ambulance service, hospitalization coverage, specialty care, major medical coverage, and out-patient care. Preventive health care is emphasized through programs on life-styling, drug abuse, and human sexuality.

The Counseling Center provides professional, confidential counseling for mild temporary problems, as well as for serious psychological counseling which provides an opportunity to accelerate your personal growth in a group situation. Topics include sex-role awareness, effective interpersonal relationships, self-modifications skills, assertiveness training, and empathy training.

Testing services for pre-admission, graduate school, and pre-professional examinations are available, as well as a wide variety of aptitude and academic proficiency tests.

Student Work and Financial Assistance

Southern Illinois University at Carbondale is proud of the many programs administered by the Office of Student Work and Financial Assistance to provide an opportunity for students to matriculate at the University and continue in higher education.

The philosophy of the Office of Student Work and Financial Assistance is to provide a package of financial assistance including scholarships, if warranted; grants, if need is shown; work, for all students who desire it regardless of financial need; and loans, to satisfy the balance of their individual needs.

All students must complete and mail an American College Testing Program Family Financial Statement (ACT/FFS) in order that the Student Work and Financial Assistance Office can determine the financial assistance programs for which they may qualify. The ACT/FFS is the basis for consideration for all campus aid programs, including work study.

All undergraduates are urged to apply for the Basic Educational Opportunity Grant (BEOG) Program, which can be done by marking the appropriate question on the ACT/FFS. To apply for SIUC awarded grants, loans, and/or student employment, or for the National Direct Student Loan (NDSL), you must complete



Section H of the ACT/FFS form.

All Illinois undergraduates are also urged to apply for the Illinois State Scholarship Commission Monetary Award (ISSC). Students who want to apply for an Illinois Guaranteed Loan must pick up the application at their bank or other lending institutions which are accepting and processing guaranteed loans.

SIUC supports a large on-campus student work program which employs some 3,000 students. Students must have an ACT/FFS on file if they wish to work on campus. A student cannot begin work before the ACT/FFS has been received.

Allow four weeks for processing. Every effort is made to place students in campus jobs directly related to their academic interest. Valuable work experience can significantly complement academic goals.

Students are urged to file the ACT/FFS, which includes the application for BEOG and campus aid programs, and the ISSC applications between January and March. To allow time for your financial aid package to be processed before classes begin, the processed results of your application materials should be in our office by the dates shown below:

Fall semester, 1980—May 1, 1980

Spring semester, 1981—Nov. 1, 1980

Summer session, 1981—March 1, 1981

Types of Financial Assistance

Scholarships

Illinois State Scholarship Commission

Monetary Award

Illinois General Assembly

SIUC Academic

National Collegiate Athletic Association

Association of Intercollegiate Athletics

for Women

Illinois Military

Illinois State ROTC

Air Force ROTC

Grants

Basic Educational Opportunity

Supplemental Educational Opportunity

Student to Student

Law Enforcement Educational

Loans

National Direct

Guaranteed (In-State and Out-of-State)

Federally Insured Student

Work

On-Campus Student Work

Off-Campus Student Work

Federal Work-Study (On-Campus)

College Work for Academic Credit

Other

Veterans Benefits

Social Security Benefits

Career Planning and Placement

Coming to a large university affords many options in terms of curriculum, major fields of study, and complementary opportunities. You may find that you need to do some exploration and clarification to discover what program is best suited to your interests, abilities, and potential for satisfying employment.

The resources of the Career Planning and Placement Center (CPPC) are available to you for just that reason. Career counselors will work with you on a one to one basis to help you in discovering your interests, competencies, and your most meaningful avenue of academic pursuit. A library holding a wealth of occupational information is available at the Career Counseling Office. This unit also sponsors a variety of group activities where peer interaction is the mode of career decision making and exploration.

Once you have selected your major field of study you may elect to participate in the Cooperative Education Program sponsored by CPPC. Coop is an optional educational pattern that integrates periods of paid career-related work experience into academic programs. This can be either full-time work every other semester or part-time work every semester.

As you approach the final stages of your undergraduate experience, planning for your first professional job will become more and more important. The placement services of CPPC will help in all aspects of your job search. Each graduating student can establish a credential file which is sent free of charge to prospective employers even after you graduate. Placement consultants can advise about letter and resumé writing and help you define the strategy which will secure the kind of position you prefer. The Placement Office invites recruiters to campus so that students may interview with them. Vacancy bulletins are distributed weekly to persons seeking employment.

The Career Planning and Placement Center believes that the college student is wise in making an effort to understand himself or herself and in planning for the future. If you are able to identify and clarify your strengths and alternatives, you will be better prepared to face the challenge of a changing world of work and

be more assured of reaching self-actualization.

Housing

SIUC has resolved to create and maintain in residential facilities: a physical environment conducive to study and academic excellence; an interchange of ideas among students and associates; an awareness of the needs and aspirations of students living together in groups; support of highest health and safety standards; and quality food service at reasonable cost. Constant improvement is a watchword.

While continually striving to maintain housing facilities at the highest standards possible, the University is also aware of student needs. In recent years housing regulations have been modified to meet changing student life styles and to acknowledge students as adults. To meet these objectives many options are now available in campus housing. These include intensive study areas, choice of roommate, special housing for President's Scholars, greater housing selection for upperclassmen and graduate students, and 24-hour visitation rights if students so desire them. Except for beginning freshmen, students may also elect to reside in residence halls where men and women live in alternating suites on each floor with each suite having its own private bath facilities. And, of course, students can choose family housing in two locations on campus.

Special provisions also prevail for students who have scheduling conflicts. They may obtain a bag lunch to take to class if a meal time conflicts with one of their classes.

Accommodations at Thompson Point are available in 11 units for 1,347 students. Each residence hall contains a classroom and a resident counselor's apartment. Each floor includes a resident fellow's room, and two rooms on the first floor of each hall are modified for paraplegics. Halls cluster around Lake-on-the-Campus, a 40-acre spring-fed lake surrounded by 25 acres of wooded land and developed for boating, fishing, swimming, and picnicking. These buildings are all air conditioned.

Brush Towers consists of two 17-story buildings, Schneider Tower and Mae Smith Tower, housing a total of 1600 students. University Park is comprised of Neely Hall, also a 17-story building, and the Triads providing a total of 1800 spaces. All are air conditioned.

Coeducational housing is available in all three residential areas—as are all-male and all-female buildings and floors. Each residential area has a central commons building containing administrative offices, cafeteria, dining room(s), snack bar, game room, and post office.

All contracts for the on-campus residence halls include 20 meals per week and a weekly linen service consisting of two sheets and a pillow case. Phones are in each room providing the resident local phone service at no extra charge.

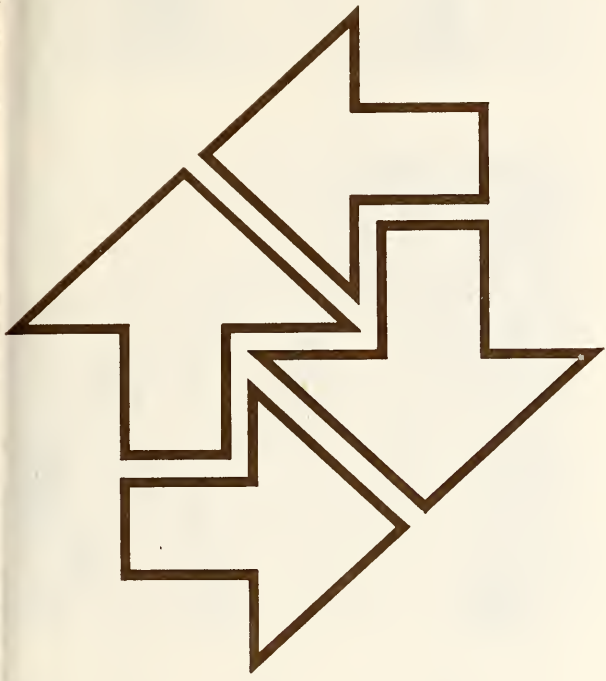
Evergreen Terrace and Southern Hills are housing areas for married students. Evergreen Terrace provides 304 two-bedroom and three-bedroom apartments, unfurnished except for refrigerator and range. Southern Hills' 17 buildings include 144 efficiency, one-bedroom, and two-bedroom furnished apartments.

Off-Campus Housing

University Housing also attempts to influence both the availability and quality of off-campus housing with respect to the educational and economic needs of students.

Approximately two-thirds of the students at SIUC live in off-campus facilities which include apartments, trailer courts, and privately-owned residence halls.





Student Life

What kind of people will you encounter at SIUC? You invest years of your life to obtain a college education, so it's important to check out a college or university's social environment as well as its academic offerings.

Students come to SIUC from both the northern and southern halves of Illinois. They are from the large cities and from the farm communities. Most are from Illinois, but all 50 states and 73 foreign countries are also represented. There is no "typical" student, but rather a diversity of individuals from a wide array of backgrounds and with varying life styles and goals. You will find some friends here who are very much like you and others whose differences will broaden your perspective and awareness of people.

New students include many who have just completed high school or who are transferring from community colleges and others who have been out of school for a while.

What can you do in addition to attending classes and studying? That's up to you. You may join some of the 241 recognized student organizations or participate in any of the 3,000 sponsored student activities. Numerous sororities and fraternities have active chapters at SIUC. An extensive intramural program offers men's, women's, and co-ed activities of organized recreation. The facilities of campus lake, the arena, the new recreation building, as well as tennis courts and playing fields are all available to you. Also, you will find out why southern Illinois is famous for its parks, lakes, and forests when you go picnicking, boating and hiking at Giant City, Crab Orchard Lake, or in Shawnee Forest.

The Student Center is the hub of student activities. Inside the eight acres

of space there are cafeterias, snack bars, recreation rooms, a 16-lane bowling alley, television room, informal lounges, ball-rooms, bookstore, and an automated post office.

Top name entertainers are brought to campus for performances in the 10,000 seat SIU Arena. This multi-purpose facility is used year-round for athletic events, stage shows, and special programs.

Cultural events are scheduled for your enjoyment and out-of-classroom education. Such events include theater, drama, comedy, musicals, opera, concerts, dance, and informative lectures. Many of these are provided through University Convocations with no admission charge; others are offered at considerable savings to students.

There are more things to do than you will find time for. You'll find student life thrives at SIUC!

Recreation/Intramural Athletics

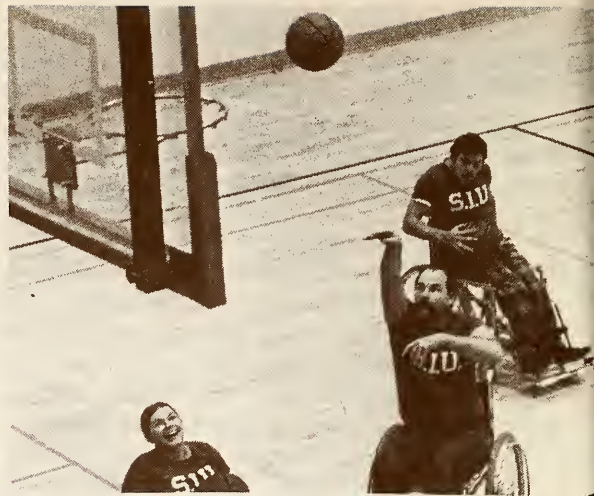
To complement the many social and professional organizations as well as over 3000 sponsored student activities, SIUC offers students extensive opportunities and facilities for recreation and athletics.

Students who love the outdoors regularly take advantage of the facilities available at over 8 major lakes and 11 state parks. Hiking, camping, fishing, hunting, swimming, and sailing are regular activities for the SIUC student.

If you enjoy athletic competition then the men's and women's intramural athletic program may be just your ticket. Sports for everyone regardless of ability are available. Competition in a variety of sports takes place throughout the year and many events are coed. Students compete against each other in sports such as badminton, gymnastics, swimming, basketball, softball, tennis, handball, flag football, wrestling, soccer, volleyball, bowling, inner tube water polo, racquetball, track and field, canoe racing, fencing, frisbee, and even horseshoe pitching.

Facilities play a big part in recreation time and SIUC provides the best. Lighted tennis courts, handball and racquetball courts, bowling alleys, billiard rooms, and table tennis rooms are all available presently.

SIUC's new recreation building (1977) contains 140,000 square feet of space and includes an olympic-size swimming pool, eight handball courts, a large gymnasium, three basketball courts, judo, karate and boxing rooms, a weight lifting room, a golf



driving room, saunas, a student lounge, and much more.

All these facilities will be available to you when you attend SIUC. They complement your academic experience and provide many hours of fun and relaxation.

Intercollegiate Athletics

Southern Illinois University at Carbondale boasts one of the country's best all-round sports programs. The Salukis compete successfully in the National Collegiate Athletic Association's Division I in all 11 men's sports, and in Division I of the Association of Intercollegiate Athletics for Women in all 11 women's sports.

At the helms of the sports programs are two renowned leaders. Dr. Charlotte West, athletic director of women's intercollegiate sports, is the immediate past president of the Association of Intercollegiate Athletics for Women. Her 18 years of vigorous leadership at SIUC have nurtured a dynamic program that has seen most of the sports—badminton, cross country, field hockey, golf, gymnastics, softball, swimming, tennis, track and field—continue to regularly earn high marks in national competition. For instance, the 1978-79 sports year saw the SIUC field hockey, softball, and badminton teams finish in the top ten in America.

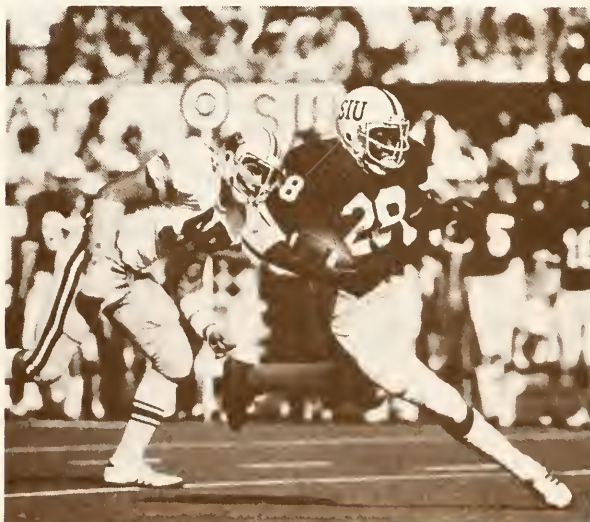
On the state level, SIUC won Illinois intercollegiate team titles in basketball, field hockey, golf, and softball. The lady Salukis also had individual IIAAW state winners in cross country and golf.

Moreover, SIUC was defending Midwest Regional champions in softball and field hockey. The Midwest Region encompasses six states: Illinois, Wisconsin, Michigan, Indiana, Ohio, and West Virginia.

The SIUC women's intercollegiate sports program continues to flourish with campus and community support increasing across a broad spectrum. This past year several prestigious women's athletic events were well received at SIUC. These included: U.S.-Japan volleyball exhibition, Czechoslovakia-SIUC basketball contest, Midwest Regional volleyball championship, and the Central Area AIAW Sectional Basketball Playoffs.

Possessors of one of the top all-around athletic programs to be found in the country, the Southern Illinois University at Carbondale men's athletic program continues to grow in reputation throughout the United States.

SIUC competes in 11 men's sports, all of which carry NCAA Division I status. The Salukis compete in football, cross country,



gymnastics, swimming, wrestling, indoor track, basketball, outdoor track, tennis, golf, and baseball.

The leader of the program is the legendary Chicago Bears running back, Gale Sayers, the athletic director at SIUC. During his tenure at Southern Illinois, the Salukis have won numerous conference and national honors in a variety of sports.

Recent honors for SIUC athletic teams include Missouri Valley Conference championships in cross country (1976 and 1978), indoor track (1976, 1977, 1978), basketball (1977), outdoor track (1975, 1976, 1977, 1978), tennis (1977), and baseball (1977 and 1978).

Additionally, the gymnastics team has won four national championships in the last 15 years (more than any other school), the swimming team has placed in the top 20 in the NCAA championships 17 times in the last 19 years and has won the National Independent Conference championship the past two years. The track team is traditionally one of the top 20 in the country and the baseball team has appeared in the College World Series five times in the last 11 years including two second place finishes and two thirds, the last coming in 1977.

SIUC is blessed with fine places to play in McAndrew Stadium (football and track), the SIUC Arena (basketball, wrestling, gymnastics), Abe Martin Field (baseball), and the SRC pool where the swimmers compete. A fine tennis facility exists as well, along with a number of weight rooms for both the athlete and student.

Southern Illinois

Defining the geographical boundaries of this versatile and unique region is difficult, for the term Southern Illinois implies different things to different people. Chicagoans generally refer to all of Illinois outside Cook County as down-state, whereas many persons living as far as 200 miles south of Chicago don't think of themselves as Southern Illinoisans. Some would define Southern Illinois as the lower 14 or 16 counties; others would include the lower 31. It's a section commonly referred to as Little Egypt, dotted with places named Cairo, Karnak, Goshen, and Thebes, and serviced by motels, restaurants, and other business establishments using Egyptian motifs.

There are other influences that make Southern Illinois a region apart in the geography and geology of the area. Most



of the state is flat, with rich soils. Much of the southern section, though, is covered by rolling hills and stone-cropped valleys. Coal, oil, flourspar, and other mineral deposits, found so abundantly in the south as to support the economy of entire counties, taper off sharply or become nonexistent north of U.S. Route 40. The climate is considerably milder toward the south and the growing season is longer; cotton is grown in the Cairo area, and peaches, apples, and strawberries are grown extensively almost to the northern limits of the area.

Unparalleled scenic vistas, large lakes and rivers, a pleasant climate, and abundant wildlife make the region a vacation attraction that is still relatively unspoiled. The area offers outdoor and water sports, scenery, historic sites, horse racing, hiking along Indian trails, exploring pirate caves, and family camping. Its river-bank and hill-country drives offer motorists breath-taking views, accented over the seasons by spring blossoms, galleries of summer greens and rich autumn hues. Visitors from upstate Illinois and neighboring states drive hundreds of miles in April, for example, to see acres and acres of peach and apple blossoms.

Just east of Carbondale lies 7,000 acre Crab Orchard Lake, part of the National Wildlife Refuge. Wildlife by the thousands and over 100 species of birds make the refuge their home. It's a major winter stopover for migrating Canada geese. Other federal lands offer outdoor pleasure for the sightseer and outdoorsman. The Shawnee National Forest, covering 240,000 acres in eight counties, abounds with wildlife, camping sites, and sheltered picnic spots. At Pine Hills along the Mississippi River, the U.S. Forest Service preserves 10,000 acres of virgin land and primal swamp.

Eleven state parks, within easy driving distance of each other, cover more than 6,000 acres. Within the largest of these, Giant City State Park, loom some of the nation's most amazing rock formations. Huge blocks of stone, their walls as vertical as skyscrapers, face each other across narrow canyons no wider than a city street. Another park showcase is a beautiful stone lodge flanked by rustic overnight cabins. Like all of the state parks, it has playground and picnic facilities.

As one native expressed it, Southern Illinois offers fresh, unpolluted air, plenty of elbow room, and genuine southern hospitality.







Admission Details

For Freshmen

ACT/APP

Beginning freshmen can expedite and simplify their admission by indicating at the time they write the American College Test that their test scores should be sent to Southern Illinois University at Carbondale (College Code 1144). Students who take the ACT during one of the five national test dates and send their scores to the University do not have to apply for admission. Upon receipt of test scores, students will be contacted automatically by the University. Those who achieve standard composite ACT scores of 18 or higher will be sent a special pre-printed ACT/APP. In order to be officially admitted, they must sign and return the ACT/APP with a copy of their high school transcript.

Admission Requirements

Applicants seeking admission to a baccalaureate program who have an ACT composite score of 18 or higher (SAT 770) 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 15 or higher (SAT 690) are also eligible for admission any semester.

High school graduates who rank in the upper two-thirds of their graduating class or who earn a minimum ACT composite score of 15 or higher (SAT 690) are admissible for the spring semester on a conditional basis. The conditions are that the student must enroll for a minimum of

12 semester hours and complete at least 10 semester hours of graded work with a minimum overall *C* average.

Students who have been admitted or who qualify to be admitted on a conditional basis may earn transfer credit at another college or university prior to their spring semester at SIUC. However, to maintain their eligibility for spring enrollment, students must earn an overall *C* average in all work attempted.

A limited number of applicants who do not meet the University's entrance requirements for four-year programs may be granted admission to the fall semester through two special admissions programs: Basic Skills and Special Supportive Services. All applicants who are not admissible by the above requirements will have their applications reviewed automatically for admission to one of these special programs.

Students seeking admission into the associate degree programs in the School 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 15 or higher (SAT 690). Students who do not qualify for admission to the associate degree program under the above requirements may be granted conditional admission for the spring semester, provided the program allows spring admission.

Students seeking admission to dental hygiene, dental laboratory technology, mortuary science and funeral service, nursing, or physical therapist assistant programs must meet university entrance requirements as well as those of the specific programs. All students applying for admission to one of these programs will be sent additional information on admissions from the program supervisor.

Students interested in dental hygiene are required to take the Dental Hygiene Aptitude Test. This examination must be taken in November. All application materials must be filed by January 15.

While SAT scores can be used to process an application, all high school applicants must submit official scores from the ACT (American College Testing) Service.

Procedures

Beginning freshmen who did not send their ACT scores to the University when they wrote the test or who have scored less than a composite of 15 should write to the admissions office and request an

application for admission. The application should be completed and given to the student's counselor who should send it to the admissions office along with a copy of the student's transcript. If the application for admission and transcript are submitted together, it will expedite the student's admission. Students are also required to submit their ACT scores to the admissions office. Once these three records are received, students will be informed of the University's decision.

For Transfer Students

Admission Requirements

Transfer students with an overall *C* average as determined by SIUC grading procedures in all college work and at least 26 semester (39 quarter) hours are eligible for admission any term. Transfer students who have at least a *C* overall average but fewer than 26 semester (39 quarter) hours must also meet freshman requirements.

Transfer students with an associate degree in a baccalaureate-oriented program from a regionally accredited two-year institution may enter regardless of grade point average provided additional work has not been taken since graduation. If additional work has been completed, admission is based on the above requirements.

Transfer students who obtain baccalaureate-oriented associate degrees from regionally accredited institutions will satisfy all general studies requirements and will be granted automatic junior standing.

Student with less than a *C* average may be considered for admission on scholastic probation provided there has been an interruption of schooling for at least one semester, summers excluded, and provided there is tangible evidence that additional education can be successfully completed.

Students who have been suspended for poor scholarship from the last institution attended may be considered for admission provided there has been an interruption of schooling for at least one year, and there is tangible evidence that additional education can be successfully completed.

Evaluation of Credit

After transfer students have been admitted, their transfer work is evaluated in the Records Division of the Office of Admissions and Records. This evaluation

covers general degree and General Studies (general education) requirements. Copies of the evaluations are mailed directly to the student and their academic departments. Transferred courses which are not evaluated as General Studies are evaluated by the department directing the specific curriculum.

Project Capstone

If you have an Associate in Applied Science degree (a two-year technical-occupational degree) there is available a range of program options and policies concerning the acceptance of technical credit that can be matched by few institutions in the country today. Through the University's Project Capstone, qualified technical graduates with the A.A.S. degree from a regionally accredited two year institution may enter selected baccalaureate programs in the School of Agriculture, College of Education, College of Human Resources, School of Engineering and Technology, or individually designed programs in the School of Technical Careers, and be guaranteed by contract graduation in two years (60 hours) of additional course work.

Participants are selected with the aid of community college personnel. Students are expected to have completed an associate degree in an occupational specialty. Also considered are grade point averages, successful work experience in the student's specialty area, success in high school, and references.

Through Project Capstone, Southern Illinois University at Carbondale designed a variety of model bachelor's degree programs building directly upon skills gained in community colleges and in the world of work.

For Veterans

Veterans are admitted regardless of their previous academic record provided no additional education has been attempted since separation from active duty, or such credit attempted must amount to C average or higher. Previous educational records will determine the scholastic status of entering veterans.

Veterans considering SIUC are encouraged to contact the Office of Veteran Affairs.



For Your Information

Housing Requirements

All freshmen and sophomores under the age of 21 who do not live with parents or guardians must live in University-owned and operated housing or off-campus University-approved housing. Juniors, seniors, graduates, married students, veterans, or those students over 21 years of age may live where they choose.

Anyone who is admitted to SIUC receives additional information from the Housing Office.

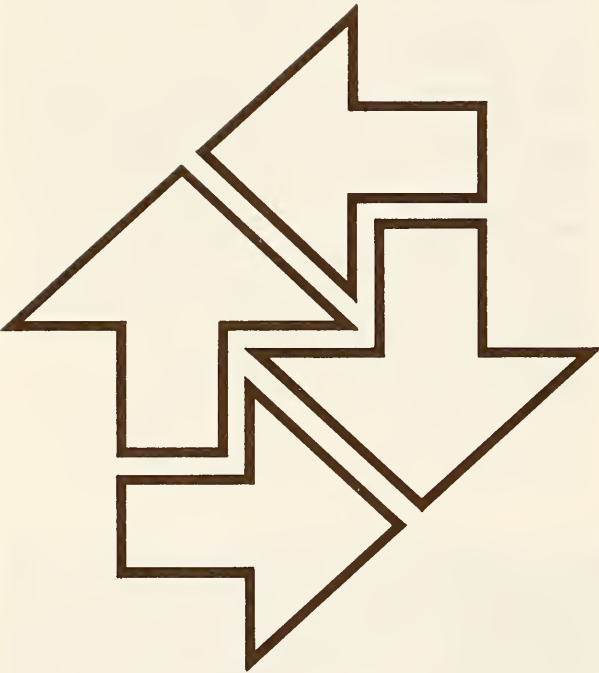
Costs

Tuition and fees for an Illinois resident total \$428.90 per semester or \$857.80 per academic year. This is for a student taking 12 or more hours during a semester.

The out-of-state resident is assessed \$1,002.90 per semester (\$2,005.80 per academic year) for taking 12 or more hours. Out-of-state students should be aware that they may become eligible to pay in-state tuition and fees if they establish their residency in Illinois.

Board and room in University residence halls is now \$778 per semester or \$1,556 per academic year. Housing facilities (on campus) for married students include furnished efficiency apartments renting for \$135 per month; furnished (one bedroom), \$151; furnished (two bedrooms), \$162; unfurnished (two bedrooms), \$157-\$169; and unfurnished (three bedrooms), \$184.

To figure what it will cost you to attend SIUC for one academic year, estimate personal spending and living costs and add housing and tuition and fees. We



estimate total costs to be \$3,400 for Illinois residents, and \$4,600 for out-of-state students.

Student Work and Financial Assistance

We explained this earlier, but a couple more notes:

SIUC requires applicants to file the ACT/FFS with BEOG, and ISSC (if Illinois resident) to determine eligibility for all financial assistance.

Additional information from the University's Student Work and Financial Assistance Office is sent routinely to all applicants for admission to SIUC.

Recommended Timetable for Fall 1980

September–October—Apply for admission.

3 weeks later—Admission decision made.

2 weeks later—University housing application mailed to admitted students, return it promptly.

January–March—File ACT–FFS with BEOG, and ISSC applications.

March—University Housing begins issuing contracts; return it promptly with deposit.

Late June–Early August—Appointments issued for advisement and advance registration; "Summer Preview" orientation offered.

August 21–22—Final registration (for those who did not participate in advance registration). No appointment necessary.

August 21, 9:00 A.M.—Residence halls open.

August 25, 8:00 A.M.—Classes begin.



Assistance Available

Have questions? Want to visit the campus? Need more information? The return postcards in this publication are designed specifically to help you learn more about Southern Illinois University at Carbondale. The School/College Relations Division staff members are available to make your transition to SIUC a smooth one. If you need them, they're in the Office of Admissions and Records in Woody Hall. Correspondence, telephone calls, and visitors are welcome. For assistance:

Office of Admissions and Records
Southern Illinois University at
Carbondale

Carbondale, Illinois 62901

Telephone (618) 453-4381

Toll free (Illinois residents only) to the
Office of Admissions and Records, dial
800-642-3531.



Curriculum Majors

Academic units are in bold print (e.g. Agriculture). Undergraduate majors and minors are listed under each academic unit. Specializations within a major are indented. The asterisk indicates a minor only. All students who have not yet chosen a major will be advised in the Pre-Major Advisement Center in General Academic Programs.

Agriculture

Agricultural Economics
Agricultural Education
Agricultural Education and Mechanization
Agriculture, General
Country Living
Environmental Studies
Production Agriculture
Animal Industries
Production
Science & Pre-Veterinary Medicine
Forestry
Forest Resources Management
Forestry Environmental Assessment
Outdoor Recreation
Resource Management
Forest Science
Plant & Soil Science
Landscape Horticulture
Environmental Studies
General
Business
Science

Business and Administration

Accounting
Administrative Sciences
Management Systems
Decision Sciences
Business and Administration
Business Economics
Finance
Financial Institutions
Financial Management
Marketing

Communications and Fine Arts

Art
Drawing
Painting
Printmaking
Sculpture
Ceramics
Metalsmithing
Fibers/Weaving
Art Education
Art History
General Studio
Cinema and Photography
Film Production
Film History/Theory
Fine Arts Photography
Professional Photography
Cinema and Photography
Photojournalism
Journalism
Advertising
News-Editorial
Photojournalism
Music
Performance
Instrumental
Keyboard
Voice
Music Business

Music History-Literature
Music Theory and Composition
Music Education
Radio-Television
Speech Communication
Communication Arts and Studies
Communication Education
Oral Interpretation
Public Relations
Speech Pathology and Audiology
Clinical
Public School
Theater
Acting-Directing
Design-Technical
Playwriting-Dramatic
Literature

Education

Agricultural Education
Art
Athletic Training*
Biological Sciences
Black American Studies*
Botany
Business Education
Chemistry
Classical Studies
Dance*
Early Childhood Educ. K-3
Preschool
Earth Science*
Economics
Educational Media*
Elementary Education
English
French
Geography
German
Health Education
Elementary
Secondary
History
Home Economics
Education
Vocational
Extension
Special Education
Emphasis
Journalism
Language Arts and Social Studies
Mathematics
Microbiology*
Music Education
Occupational Education
Industrial Arts
Secondary Teaching
Occupational Teaching
Philosophy*
Physical Education
Physics
Physiology*
Political Science
Psychology*
Recreation
Park and Community
Recreation
Recreation for Special Populations
Outdoor Recreation
Commercial Recreation
Management
Program Specialist
Russian
Social Studies
Sociology*
Spanish
Special Education
Behavioral Disorders
Learning Disabilities
Mental Retardation
Speech Communication
Speech Pathology and Audiology
Theater*
Zoology

Engineering and Technology

Engineering
Engineering Mechanics and Materials
Electrical Sciences and Systems Engineering
Mining Engineering
Thermal and Environmental Engineering
Engineering Technology
Civil
Electrical
Mechanical
Industrial Technology
General
Occupational
Alternative
Mining Technology

General Academic Programs

Undecided**
University Studies
President's Degree
Special Major

Pre-Professional Program**
Law
Theology

Human Resources

Administration of Justice
Law Enforcement
Juvenile Justice & Delinquency Prevention
Correctional Program Services
Correctional Management
Black American Studies*
Child and Family
Pre-School Programs
Preschool Early Childhood
Certification
Clothing and Textiles
Apparel Design
Retailing
Community Development*
Consumer Studies*
Design
Product Design
Visual Communications
Family Economics & Mgt.
Consumer Services in Business
Family Services
Consultant
Food and Nutrition
Dietetics
Foods in Business
Food and Lodging
Systems Management
Food and Nutrition Science
Interior Design
Social Welfare

Liberal Arts

African Studies*
Anthropology
Asian Studies*
Chinese*
Classical Civilization*
Classical Studies
Comparative Literature*
Computer Science
Business/Management
Information Processing
General
Earth Science*
East Asian Civilizations*
Economics
English
General
Creative Writing
Pre-Professional
French
Geography
General
Environmental Studies
and Planning
German
Greek*

History
Japanese*
Latin*
Latin-American Studies
Linguistics
Theoretical
Applied
Mathematics
Music
Philosophy
Political Science
Psychology
Religious Studies
Russian
Sociology
Spanish
Speech Communication
Uncommon Languages*

Pre-Professional Programs**
Law
Theology

Science

Biological Sciences
Botany
Chemistry
Earth Science*
Engineering Biophysics
Geology
Mathematics
Microbiology
Physics
Physiology
Zoology

Pre-Professional Programs**
Dentistry
Medical Technology
Medicine
Optometry
Pharmacy
Podiatry
Veterinary Science

Technical Careers

Baccalaureate Degree Program (4 years)

Bachelor of Science in Technical Careers

Associate Degree Programs (2 years)

Fall admission only:
Commercial Graphics
—Design
Dental Hygiene
Dental Lab. Technology
Physical Therapist Assistant

Major admissions offered only in fall, but student can enter any term to take non-major courses:
Avionics

Airframe
Electronics and Avionics
Architectural Technology
Construction Technology
—Building
Electronic Data Processing
Electronics Technology
Mortuary Science and Funeral Service

Admission allowed any semester:
Allied Health Careers
Automotive Technology
Aviation Technology
Commercial Graphics
—Production
Correctional Services
Law Enforcement
Nursing
Photographic and Audio-Visual Technology
Technical Photo Lab
Audio-Visual
Secretarial and Office Specialties
Tool and Manufacturing Technology

*Minor only

**Non-Degree Programs

Campus Visit Request

SIUC encourages individual visits to the campus. We also offer the following guest days for Saturday travelers, group visits, and all other interested visitors:

- July 20 & 27, 1979 Senior Days
- November 3, 1979 High School Guest Day
- February 9, 1980 Transfer Guest Day
- March 29, 1980 Guest Day
- July 18 & 25, 1980 Senior Days

I plan to visit your campus on

_____ date(s) — Monday–Friday, except guest days.

_____ time — (8:00 A.M.–4:30 P.M.)

I would like information on lodging while in Carbondale
 Yes No and an Activity Calendar Yes No

_____ MR. MS. NAME

_____ ADDRESS

_____ CITY

_____ STATE ZIP

Information Request

Please Send

- Application for admission
- Information on my intended major which is _____

- Information on student work and financial assistance
- Other _____

(Please Print)

_____ MR. MS. NAME

_____ ADDRESS

_____ CITY

_____ STATE

_____ ZIP



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University Calendar

Fall Semester, 1979

Semester Classes Begin	Monday, August 27, 8:00 A.M.
Labor Day Holiday	Monday, September 3
Thanksgiving Holiday	Saturday, November 17, 12:00 NOON— Monday, November 26, 8:00 A.M.
Final Examinations	Monday, December 15—Saturday, December 22

Spring Semester, 1980

Semester Classes Begin	Monday, January 21, 8:00 A.M.
Lincoln's Birthday Holiday	Monday, February 11
Spring Vacation	Saturday, March 15, 12:00 NOON— Monday, March 24, 8:00 A.M.
Good Friday Holiday	Friday, April 4
Final Examinations	Monday, May 12—Friday, May 16
Commencement	Saturday, May 17

Summer Session, 1980

Eight Week Session Begins	Monday, June 9, 7:30 A.M.
Independence Day Holiday	Friday, July 4
Final Examinations	Thursday and Friday, July 31—August 1
Commencement	Saturday, August 2

Fall Semester, 1980

Semester Classes Begin	Monday, August 25, 8:00 A.M.
Labor Day Holiday	Monday, September 1
Thanksgiving Vacation	Saturday, November 22, 12:00 NOON— Monday, December 1, 8:00 A.M.
Final Examinations	Monday, December 15—Friday, December 19

