

1980

1980-1981 Southern Illinois University Bulletin Carbondale Campus (General Information Catalog)

Southern Illinois University Carbondale

Follow this and additional works at: http://opensiuc.lib.siu.edu/ua_bcc

Recommended Citation

, . "1980-1981 Southern Illinois University Bulletin Carbondale Campus (General Information Catalog)." (Jan 1980).

This Article is brought to you for free and open access by the University Archives at OpenSIUC. It has been accepted for inclusion in SIU Bulletins and Course Catalogs by an authorized administrator of OpenSIUC. For more information, please contact opensiuc@lib.siu.edu.

Southern Illinois University at Carbondale Bulletin



1980-1981
General Information
Catalog



Where Is SIUC?

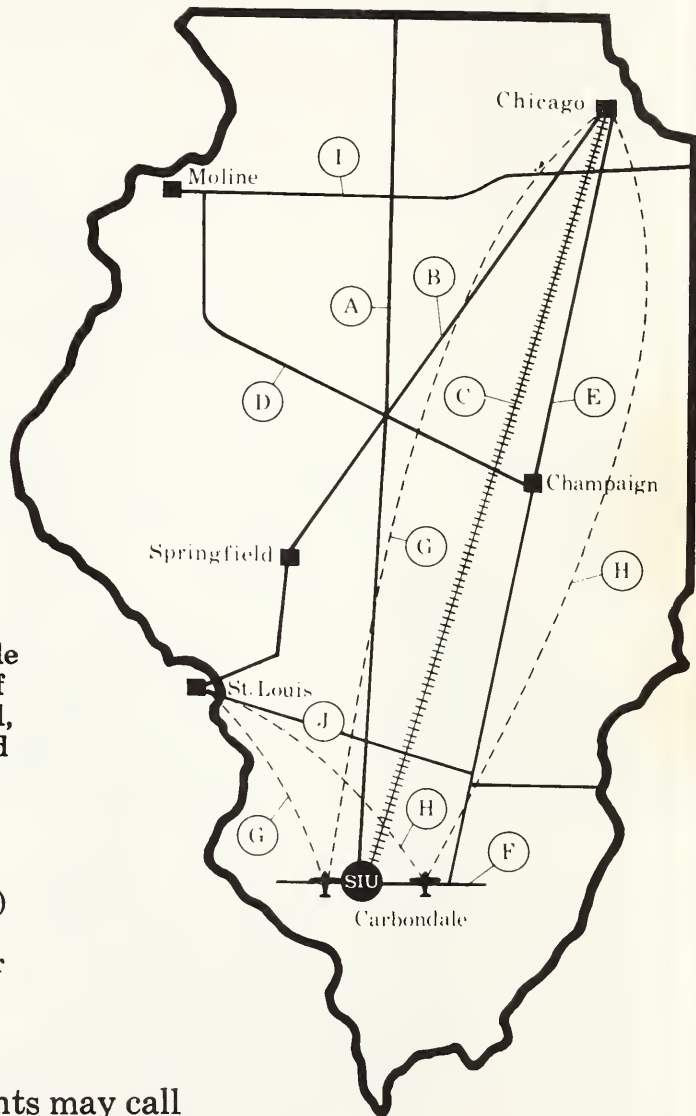
How Do I Get There?

- 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 Bulletin

1980-1981 General Information Catalog

This issue of the Southern Illinois University at Carbondale Bulletin supersedes Volume 21, Number 1.

General Information Catalog is not an offer to contract or a contract. The Board of Trustees of Southern Illinois University, University executive officers and their agents reserve the right to change information without notice when circumstances warrant such action.

**Southern Illinois University at
Carbondale Bulletin (USPS 506-080)**

Volume 22, Number 1, June 1980

Second-class postage paid at
Carbondale, Illinois 62901.
Published by Southern Illinois
University at Carbondale, Carbondale,
Illinois 62901, six times per year, in
June, July, August, September,
October, and November.

Table of Contents

What to Look for in a College

Compare Academic Programs	1
Visit the Campus	2
Compare Costs and Financial Aid Packages	2

A Comprehensive University

The Undecided Option	3
The General Studies Program	4
Pre-Professional Programs	5
School of Agriculture	6
College of Business and Administration	6
College of Communications and Fine Arts	7
College of Education	8
College of Engineering and Technology	9
General Academic Programs	10
<i>University Studies</i>	10
<i>Special Major</i>	10
College of Human Resources	11
College of Liberal Arts	11
College of Science	12
School of Technical Careers	13
Graduate and Professional Study	14
<i>Graduate School</i>	14
<i>School of Law</i>	16
<i>School of Medicine</i>	16
Morris Library	17
Special Programs	17
<i>Touch of Nature</i>	17
<i>Early Admission/Concurrent Enrollment</i>	20

<i>Proficiency Examination and Advanced Placement</i>	20
<i>Pass/Fail</i>	20
<i>Honors Work</i>	20
<i>University Honors Program</i>	20

Student Services

Student Work and Financial Assistance	22
<i>Applying for 1981-82 Financial Aid</i>	22
Career Planning and Placement	23
University Housing	23
<i>Off-Campus Housing</i>	24

Student Life

Recreation/Intramural Athletics	26
Intercollegiate Athletics	27
Southern Illinois	28

Admission Details

For Freshmen	30
For Transfer Students	32
<i>Capstone Program</i>	32
For Veterans	32

Curriculum Majors

For Your Information

Housing Requirements	36
Costs	36
Student Work and Financial Assistance	36
Recommended Timetable for Fall 1981	36
Assistance Available	36

Campus Visit and Information Request Cards

University Calendar



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

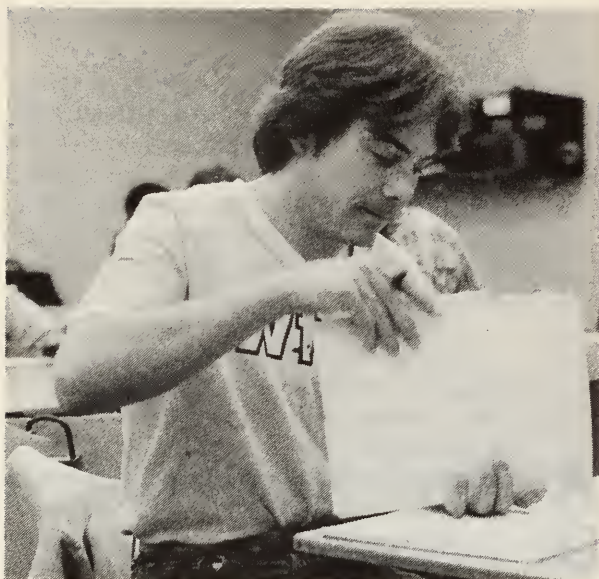
Full-time resident enrollment at Southern Illinois University at Carbondale is among the largest in the nation, yet teaching efforts are focused on the special interests of individual students. The various schools, colleges, divisions, and departments are designed to offer general and professional training 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-eight percent of the full-time faculty hold the most advanced degrees in their fields. The ratio of undergraduate students to faculty who teach at the undergraduate level is fifteen 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.



BRIAN MATSUMOTO

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 advisors, 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:

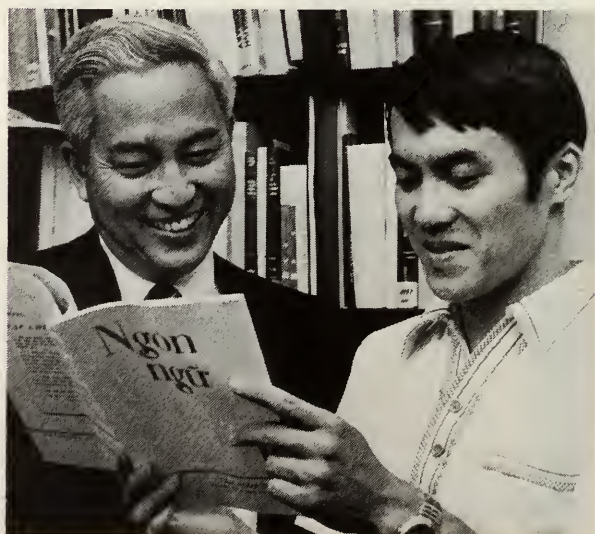
Area A: Our Physical Environment and Biological Inheritance—9 semester hours chosen from courses representing three different departments such as botany, chemistry, engineering, geography, geology, music, physics, physiology, psychology, and zoology.

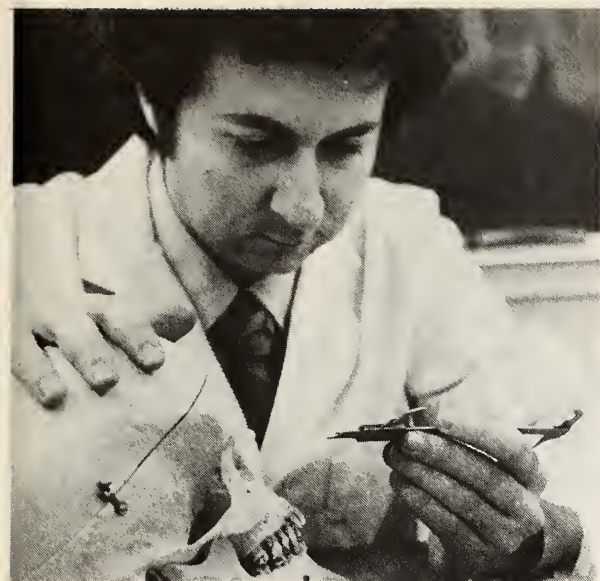
Area B: Our Social Inheritance and Social Responsibilities—9 semester hours chosen from courses representing three different departments such as agriculture, anthropology, black American studies, child and family, economics, education, family economics and management, finance, geography, history, journalism, linguistics, political science, psychology, and sociology.

Area C: Our 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, 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 HPIO and furnish evaluations of SIUC students applying to dental, medical, optometry, and podiatry schools after careful review of the students' qualifications.

Many pre-professional students will be in the undergraduate college four years and, since there are no degrees awarded in pre-professional programs, students 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



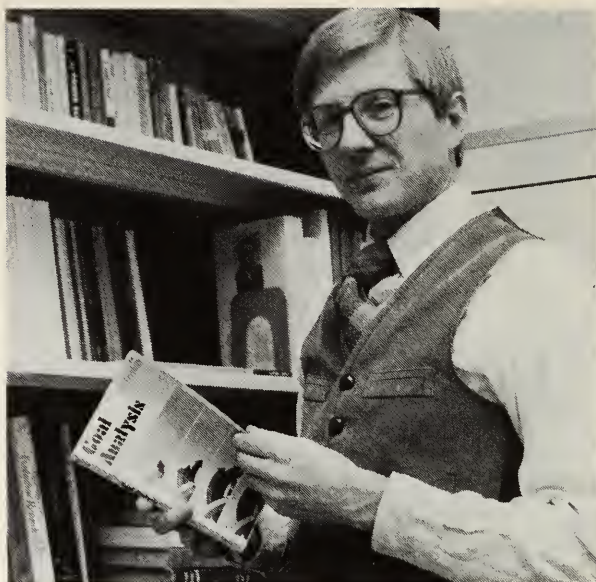
physics. Specific courses within these disciplines and additional requirements in social sciences and humanities vary with the health career sought and, to some extent, with individual schools. The application process for most professional schools begins a year in advance and includes an admissions test.

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 Tree Improvement Center, and several state parks.

Although the primary responsibility of School of Agriculture faculty is good teaching, 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 approximately 30 percent 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.

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



BRIAN MATSUMOTO

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 51 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.

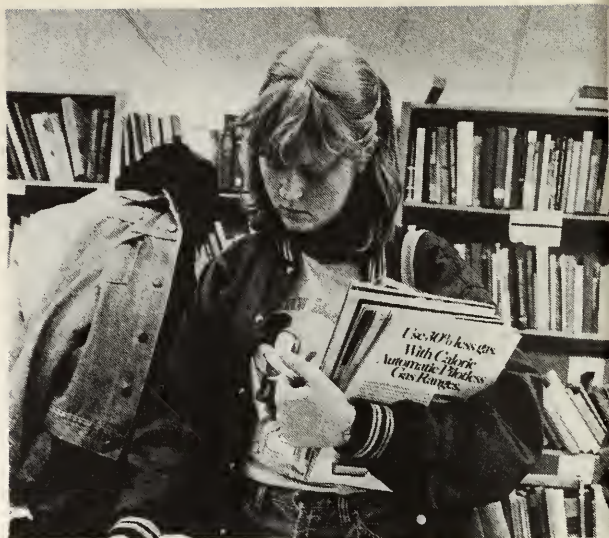
The operating matrix for the Department of Theater includes an ultra-modern main stage theater with a seating capacity for 600, plus a 150-seat theater for student productions and experimental works.

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, producing over 130 events locally each



year, and many performances by touring groups.

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

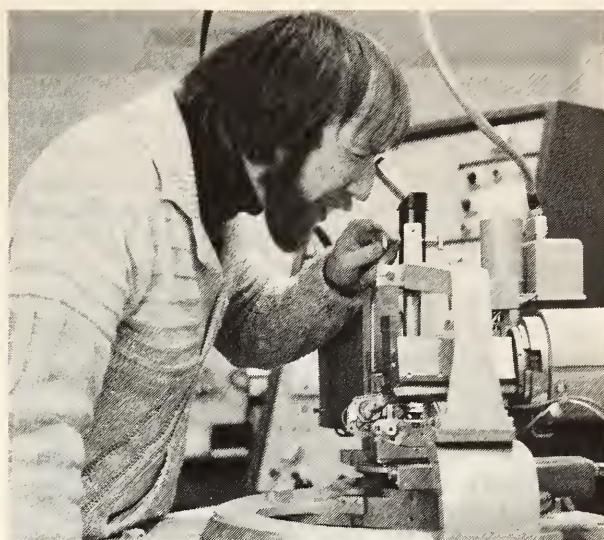


leisure time pursuits and has four different specializations: (1) Park and Community Recreation; (2) Therapeutic Recreation; (3) Outdoor Recreation; and (4) Commercial Recreation Management.

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 Accreditation Board for Engineering and Technology (ABET, formerly ECPD). The industrial technology program, including mining technology, 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 advisements, for students undecided about a major, discussed earlier, are both overseen by General Academic Programs. The unit also supervises the University Honors Program and the Center for Basic Skills and Special Supportive Services Programs. In addition, General Academic Programs administers the 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.

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 and with the approval of the dean of General





Academic Programs, 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, 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.

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. 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 life in literature. You can study foreign languages and cultures to gain a unique vantage point on your own language and culture or to develop bilingual skills 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 the myriad bits of information required for understanding the world around you. Mathematics is yet another mode of communication in exploring the inter-relatedness 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.

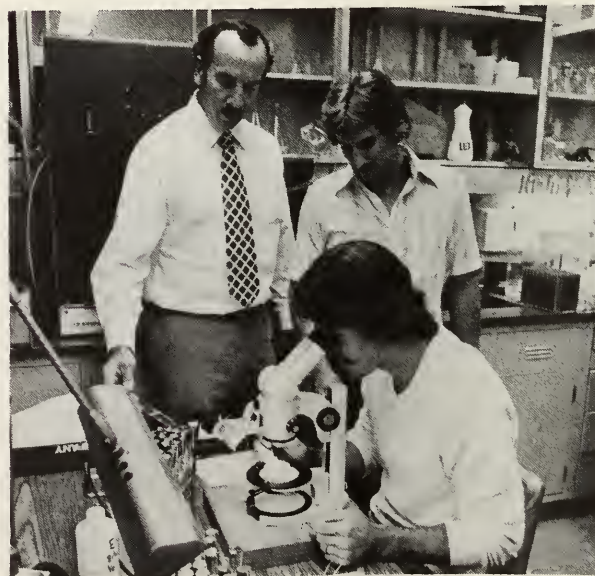
A solid liberal arts background is a definite asset in pre-professional study.

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; a graduate program in molecular science; baccalaureate preprofessional programs in dentistry, medicine, 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 1.6 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 unequaled 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
 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
 Statistics
 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
 Business Administration
 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 the new School of Law building is completed, plans call 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. 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, providing 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

The SIU School of Medicine conducts a program which takes advantage of existing University resources on the Carbondale campus as well as the long-established and excellent clinical facilities in Springfield. This split-campus organization allows the School of Medicine to make the fullest use of available resources and strengthens the school's commitments to academic excellence and continuing educational support of practicing physicians.

The first year's work is taught on the Carbondale campus, and the remainder of the program leading to the M.D. degree is offered in Springfield. Faculty are drawn from the University and from the medical communities in both cities. The curriculum is flexible and innovative. Material in the sciences basic to medicine, as well as in the behavioral and social sciences, is organized around organ systems rather than by the traditional disciplines, emphasizing the inter-relationship of classwork and clinical cases.



By setting clear performance goals and allowing students substantial latitude in choosing the means of achieving them, the school believes its clinical and academic programs are producing physicians, educated to practice in Illinois, who will continue their professional growth throughout their years of practice.

Morris Library

Morris Library contains over 1,500,000 volumes, 1,600,000 units of microform, more than 17,000 periodicals, and hundreds of thousands of government documents, maps, and other materials. Morris Library is one of the larger open-shelf, subject division, academic libraries under one roof in the country, with a library



staff which recognizes the complexity involved and is eager to assist users with their information needs.

The main collection is contained in four subject divisions (Education/Psychology, Humanities, Science, and Social Studies). The Undergraduate Library, located on the first floor, has a representative collection of works in areas of potential usefulness to the undergraduate student, containing over 80,000 volumes, along with pamphlet materials on a variety of subjects.

Learning Resources Service provides a wide range of services of interest to beginning or transfer students. The Self-Instruction Center contains materials to aid in preparing for exams, reviewing previously-covered material, and exploring areas in which the student is interested. These materials include audio tapes,



slides, films, and other course-related instructional materials. PLATO (computer-assisted instruction) terminals and electric typewriters are available for use. A student Media Design Lab enables the student to produce a variety of audio and visual materials for use in class presentations and student-teaching experiences.

A rare books collection, manuscripts, and University archives are located in Special Collections on the second floor. Interesting exhibits highlighting the collection are mounted throughout the year.

Opportunities for new and transfer student orientation to the library are varied. Two one-credit-hour courses, "The Library as an Information Source" and "Techniques of Information Retrieval" (a University Honors Program course), are offered. Tours and presentations in the subject divisions and the Undergraduate Library are offered. Printed brochures, pamphlets, and guides, as well as media orientation presentations, are available. The library staff is ready to provide suggestions and assistance in your use of the collections and services of Morris Library.

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,

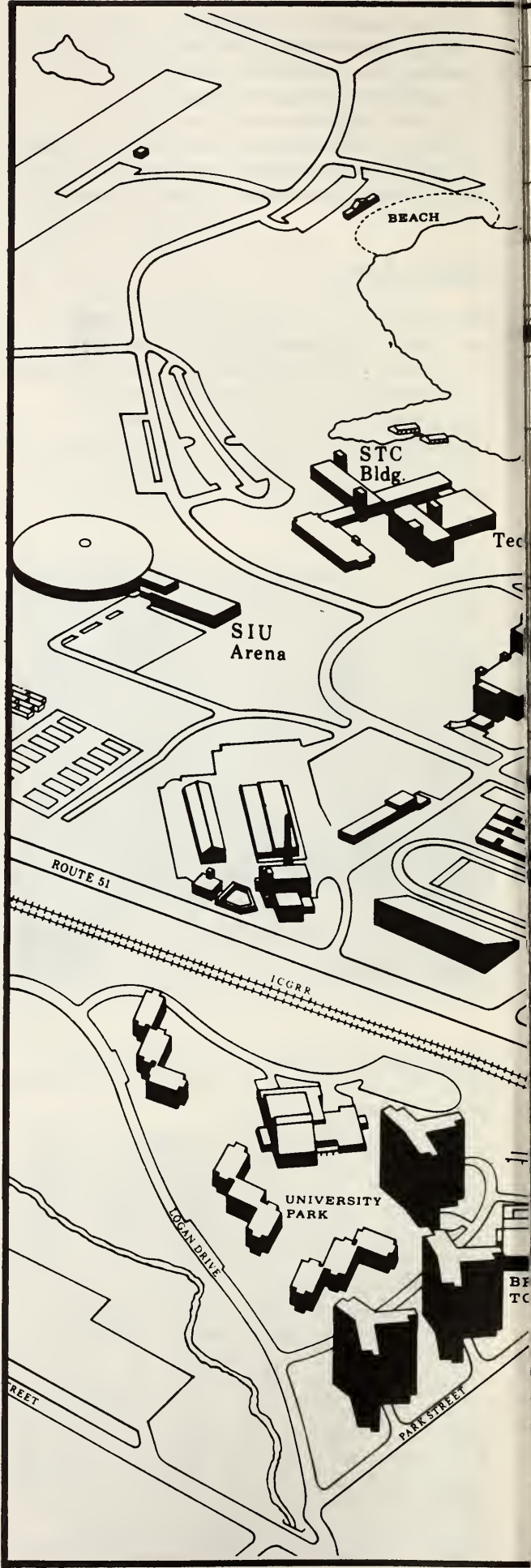
Campus Map

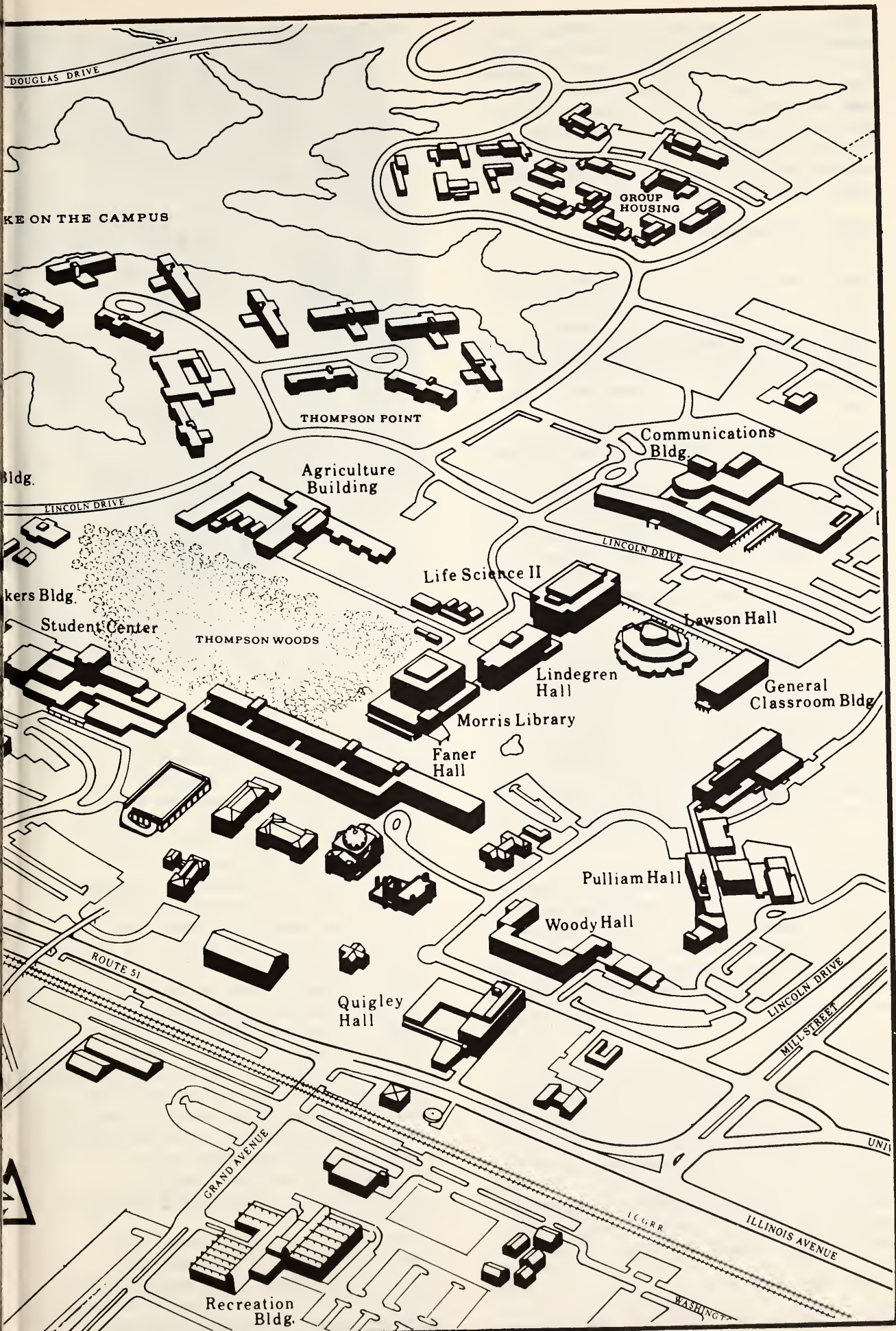
Prospective students and their parents should note the location of Woody Hall. The Office of Admissions and Records is located in this building and its School/College Relations Division will make arrangements for you to tour the campus or visit with various service or academic departments.

Parking is permitted 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.



BRIAN MATSUMOTO





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 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

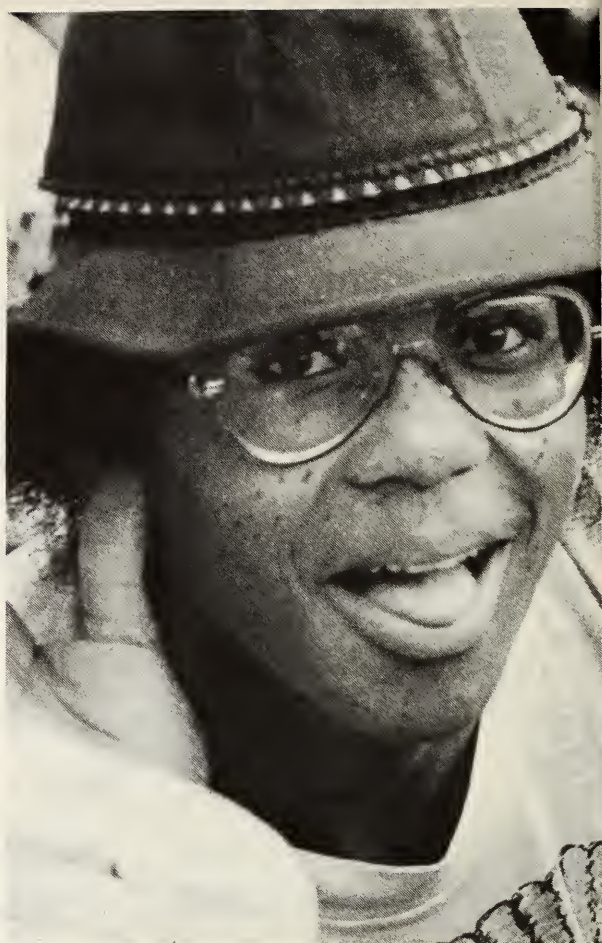
A qualified student may register for some courses on a *Pass/Fail* basis. The purpose of this grading option is to allow students to explore fields outside their major competence in a relaxed manner and without competing for grades with majors in that field.

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.

University Honors Program

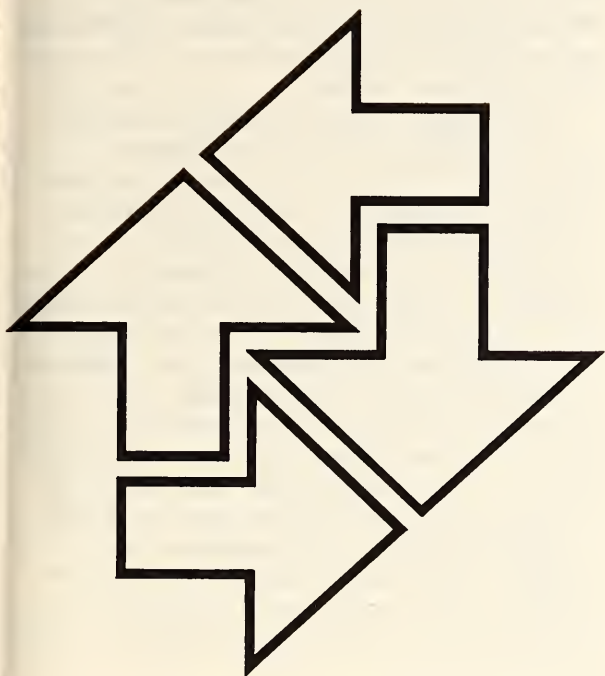
The University Honors Program is



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.

The Council of University Scholars, composed of students, and the Honors Council, composed of students and faculty, work with the director of honors opportunities to advance the program and to develop special courses and activities. The university honors staff helps the scholars, both individually and in groups, to obtain the best curricular and extra-curricular conditions for excellent and rewarding academic work. The program helps enrich student programs by promoting special seminars, small classes, independent study opportunities, and internship opportunities of a challenging nature for superior students.

Test scores and high-school rank provide the basis for admission of entering freshmen to the program. Other students with high grade-point averages may be invited to join 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, a 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.

Academic support services are offered to students who are non-ambulatory, semi-ambulatory, visually impaired, hearing impaired, learning disabled, or otherwise permanently disabled. For instance, a visually impaired student may receive taped textbooks, special equipment, and orientation and mobility training. These special support services are offered so that disabled students will have the opportunity to participate and compete in all SIUC programs and activities. The Specialized Student

Services office may be reached by calling 618-453-5738 (voice or TTY).

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

The Office of Student Work and Financial Assistance coordinates most of the financial assistance programs for students attending the University. Counselors are available to confer with you regarding budgetary planning, job placement, personal responsibilities, and optional categories of aid programs and services designed to assist in the financing of your education.

SIUC participates in the four major federal aid programs: Basic Educational Opportunity Grant (BEOG), National Direct Student Loans (NDSL), Supplemental Educational Opportunity Grants (SEOG), and College-Work Study (CWS). In addition, specialized programs in health and law enforcement are available.

A wide variety of state aid programs are also available, including the Illinois State Scholarship Commission's Monetary Award (ISSC) and the Illinois Guaranteed Loan Program (IGLP). SIUC offers institutional assistance through academic scholarships, NCAA awards for men, AIAW awards for women, scholarships in the performing arts, assistance to residence hall staff, student-to-student grants, and foundation scholarships. In addition, scheduled benefit payments such as social security, veterans

administration, railroad retirement, and food stamps, as well as private assistance including scholarships, grants, short-term loans, off-campus work referrals, and summer work placement, are aid opportunities available to you as a student at SIUC.

The opportunity for student employment is available to all students regardless of financial need. Work-study earnings are calculated as financial resources, however, and treated like other aid income with regard to budgets on aid limitations. Over 3,600 students are employed in a variety of jobs in every area of the University. Whenever possible, the student is given an opportunity to work in the area of his or her academic interest.

A federally funded program associated with the Student Work and Financial Assistance office is the Office of Veterans Affairs. This office encourages veterans to identify and use the financial opportunities available to them as veterans. SIUC boasts the largest funded Veterans Affairs program in the nation.

Most of the processing of your financial aid will be coordinated through your financial-aid team. Three teams service the last-name alphabet groups of (A-G), (H-O), and (P-Z). These and other staff members are available to assist you with ACT financial need analysis, your student work plan, a short-term loan, or to help with a private scholarship or grant.

Applying for 1981-82 Financial Aid

Step 1. Complete and mail an American College Testing Program's Family Financial Statement (ACT/FFS) as your application for all campus based aid. Through it, you have the opportunity to apply for BEOG, SEOG, College Work-Study, and NDSL. In addition, no application for student employment may be considered without the submission of the ACT/FFS. If you wish to apply for SIUC-awarded grants, and/or student employment, or the NDSL, you must complete Section H of the ACT/FFS form. If you use the ACT/FFS as an application for any program other than BEOG, the processing fee made payable to ACT must be enclosed. The ACT school code for SIUC is 1144.

Step 2. All undergraduate students applying for financial assistance at SIUC must apply for the Basic Educational Opportunity Grant (BEOG). You may use the ACT/FFS to apply for BEOG by coding question 75 (a) on that form.

Should you encounter a substantial change in your financial circumstances (i.e., death in family or divorce,) a separate BEOG application must be completed, together with a supplemental form, before final processing of your aid application may be completed.

Step 3. All undergraduate Illinois residents whose family income is under \$25,000, and who are applying for financial assistance at SIUC, must apply for the Illinois State Scholarship Commission's Monetary Award (ISSC).

Step 4. If you are interested in financial aid for the summer term, contact the Office of Student Work and Financial Assistance for details during the preceding spring semester.

Step 5. Applicants must re-apply each year to reestablish their eligibility for aid programs.

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, 1981—May 1, 1981

Spring semester, 1982—Nov. 1, 1981

Summer session, 1982—March 1, 1982

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.

University Housing

SIUC is committed to creating and maintaining 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 University Honors Program participants, greater housing selection for upperclassmen and graduate students, and 24-hour visitation rights if students 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. Students can also 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 noon mealtime 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 student assistant'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.

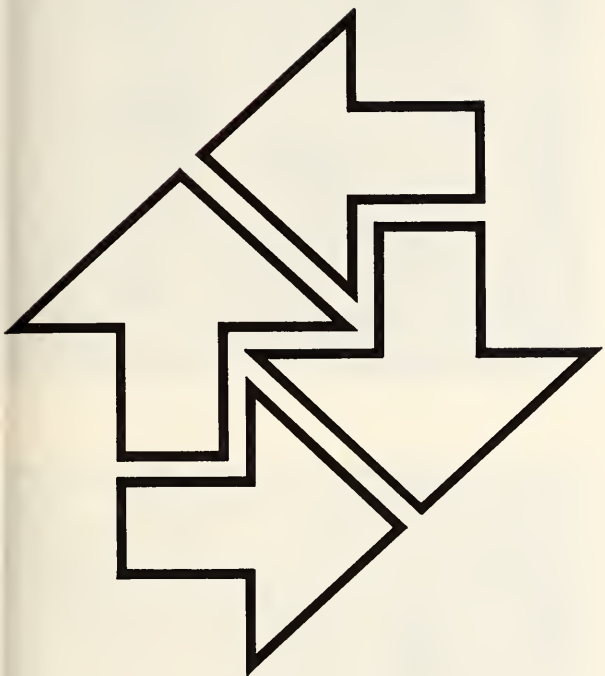
Evergreen Terrace and Southern Hills are housing areas for married students. Evergreen Terrace provides 304 two-bedroom and three-bedroom apartments, unfurnished except for refrigerator and range. Southern Hills' 17 buildings include 144 efficiency, one-bedroom, and two-bedroom furnished apartments.

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 89 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 the campus lake, the arena, the recreation building, the tennis courts, and the playing fields are all available to you. 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 State Park, Crab Orchard Lake, or in Shawnee National 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, such as Marshall Tucker and Linda Ronstadt, are brought to campus for performances in the 10,000 seat SIU Arena. This multi-purpose facility is used year around 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.

The Student Recreation Center (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 a past president of the Association of Intercollegiate Athletics for Women. Her many years of vigorous leadership at

SIUC have nurtured a dynamic program that has seen sports such as badminton, cross country, field hockey, golf, gymnastics, softball, and swimming and diving regularly earn high marks in national competition. In recent years the SIUC badminton, field hockey, and softball teams have earned top-ten finishes in national competition. During 1979-80 the Lady Salukis won state titles in golf and gymnastics, while qualifying individual entrants for the AIAW National competition in track and field and swimming and diving.

The SIUC women's intercollegiate sports program continues to flourish, with campus and community support increasing. This past year several prestigious women's athletic events were well received at SIUC, including the popular Collegiate Gymnastics Classic and the 1980 AIAW Division I National Volleyball Championship.

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, 1979), tennis (1977), and baseball (1977 and 1978).

Additionally, the gymnastics team has won four national championships in the last 16 years (more than any other school), the swimming team has placed in the top 20 in the NCAA championships 18 times in the last 20 years and has won the National Independent Conference championship the past three 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 12 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 SIU 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, fluorspar, 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.

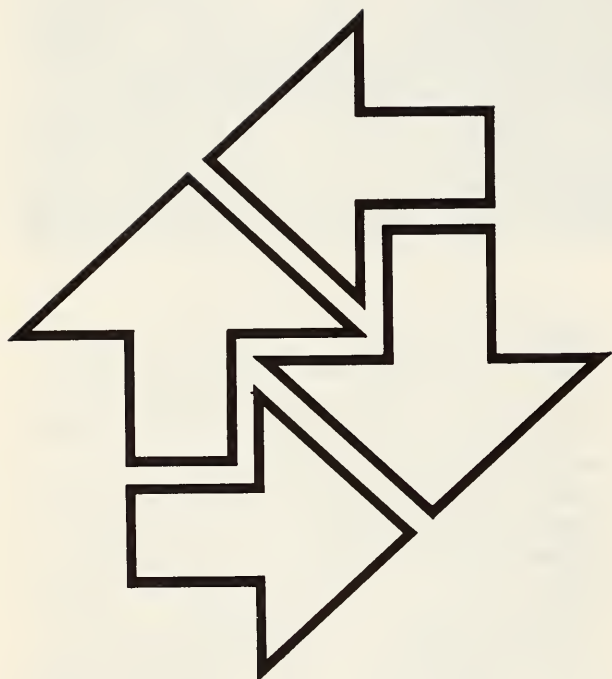
Just east of Carbondale lies 7,000 acre Crab Orchard Lake, part of a national wildlife refuge. Wildlife by the thousands, with over 100 species of birds, make the refuge their home. It's a major winter stopover for migrating Canada geese. Other federal lands offer outdoor pleasure for the sightseer and 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 speed up 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.

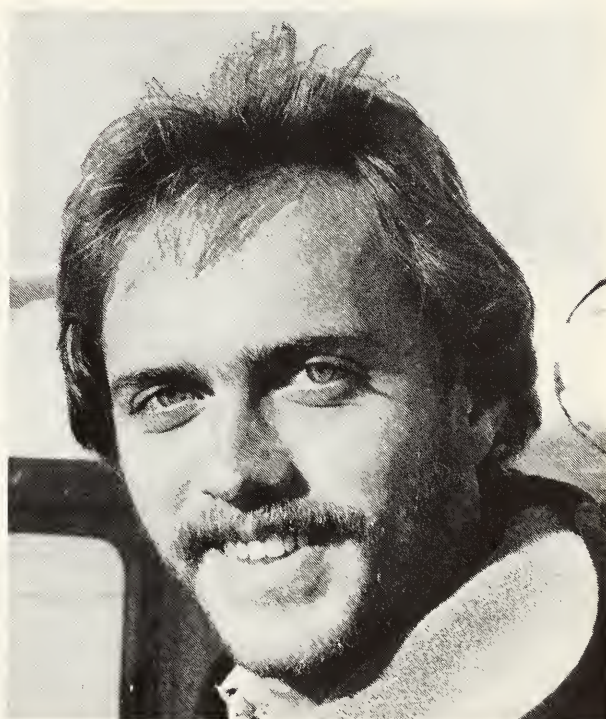
High school graduates who rank in the upper two-thirds of their graduating class or who earn a minimum ACT composite score of 15 or higher (SAT 690) are admissible for the spring semester on a conditional basis. The conditions are that the student must enroll for a minimum of



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 16, 1981. Students interested in the physical therapist assistant program must submit all application materials before November 7, 1980.

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

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

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.

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.

Capstone Program

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 Capstone Program, 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, College 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 the Capstone Program, 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.

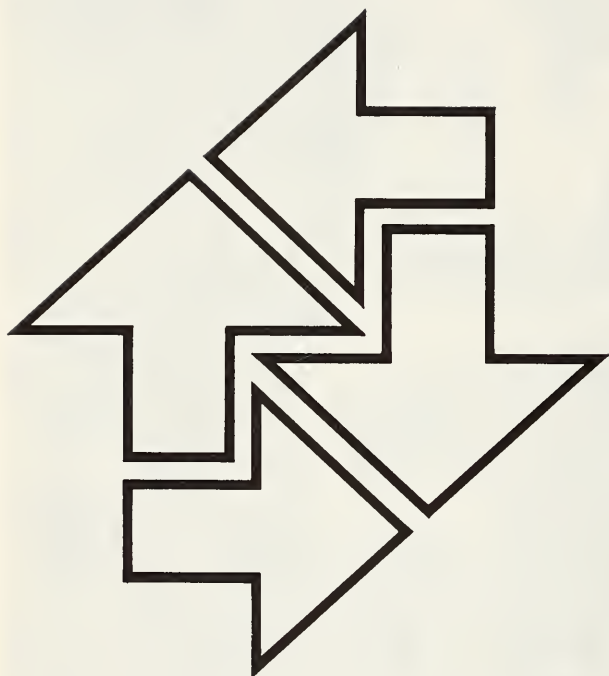
For Veterans

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.







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

Agribusiness 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
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

heater
Acting-Directing
Design-Technical
Playwriting-Dramatic
Literature

Education
Agricultural Education
Aquatics*
Art
Athletic Training*
Biological Sciences
Black American Studies*
Botany
Business Education
 Secondary
 Vocational
 Non-Certification
Chemistry
Classics
Coaching*
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
Language Arts and Social
 Studies
Mathematics
Microbiology*
Music Education
Occupational Education
 Health Occupations
 Industrial Arts
 Secondary Teaching
 Occupational Teaching
Philosophy*
Physical Education
Physics
Physiology*
Political Science
Psychology*
Recreation
 Park and Community
 Recreation
 Outdoor Recreation
 Commercial Recreation
 Management
 Therapeutic Recreation
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
Special Major

*Pre-Professional Program***
Nursing

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
 Urban Planning
 Visual Communications
Family Economics & Mgt.
 Consumer Services in
 Business
 Family Services
 Consultant
Food and Nutrition
 Dietetics
 Food and Lodging
 Systems Management
 Food and Nutrition
 Science
Interior Design
Social Welfare

Liberal Arts
African Studies*
Anthropology
Asian Studies*
Chinese*
Classical Civilization*
Classics
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
Museum Studies*
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
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 Technology
 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
 (Numerical Control)

*Minor only
**Non-Degree Programs

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 currently total \$471.05 per semester or \$942.10 per academic year. This is for a student taking 12 or more hours during a semester.

The out-of-state resident is assessed \$1,093.05 per semester (\$2,186.10 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 \$896 per semester or \$1,792 per academic year. Housing facilities (on campus) for married students include furnished efficiency apartments renting for \$157 per month; furnished (one bedroom), \$173; furnished (two bedrooms), \$187; unfurnished (two bedrooms), \$180; 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 \$4,000 for

Illinois residents, and \$5,250 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 1981

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 orientation program offered.

August 20–21—Final registration (for those who did not participate in advance registration). No appointment necessary.

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

August 24, 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.

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 18 & 25, 1980 | Senior Days |
| November 8, 1980 | High School Guest Day |
| February 7, 1981 | Transfer Guest Day |
| April 4, 1981 | Guest Day |
| July 17 & 24, 1981 | Senior Days |

Information Request

Please Send

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

See pages 34 and 35.

- ☐ Other

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

☐ MR. ☐ MS. NAME

ADDRESS

CITY

STATE ZIP

(Please Print)

☐ MR. ☐ MS. NAME

ADDRESS

CITY

STATE

ZIP



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY CARD

FIRST CLASS PERMIT NO. 81, CARBONDALE, ILLINOIS 62901

POSTAGE WILL BE PAID BY ADDRESSEE

Office of Admissions and Records
Southern Illinois University
at Carbondale
Carbondale, Illinois 62901



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES

BUSINESS REPLY CARD

FIRST CLASS PERMIT NO. 81, CARBONDALE, ILLINOIS 62901

POSTAGE WILL BE PAID BY ADDRESSEE

Office of Admissions and Records
Southern Illinois University
at Carbondale
Carbondale, Illinois 62901



University Calendar

Fall Semester, 1980

Semester classes begin
Labor Day holiday
Thanksgiving vacation

Final examinations

Monday, August 25, 8:00 A.M.
Monday, September 1
Saturday, November 22, 12:00 NOON—
Monday, December 1, 8:00 A.M.
Monday, December 15—Friday,
December 19

Spring Semester, 1981

Semester classes begin
Lincoln's Birthday holiday
Spring vacation

Final examinations
Commencement

Monday, January 19, 8:00 A.M.
Thursday, February 12
Saturday, March 14, 12 NOON—
Monday, March 23, 8:00 A.M.
Monday, May 11—Friday, May 15
Saturday, May 16

Summer Session, 1981

Eight-week session begins
Independence Day holiday
Final examinations
Commencement

Monday, June 15, 7:30 A.M.
Friday, July 3
Thursday and Friday, August 6–7
Saturday, August 8

Fall Semester, 1981

Semester classes begin
Labor Day holiday
Thanksgiving vacation

Final examinations

Monday, August 24, 8:00 A.M.
Monday, September 7
Saturday, November 21, 12:00 NOON
Monday, November 30, 8:00 A.M.
Monday, December 14—Friday,
December 18

David Cole
618
833 2909

Lockerman

Vol. 11 - Nov -
6-71

Schools

Cambridge -
Carverville - 200

4000

close Crab Orchard Lake

Hotter past Carverville
12-15 mi. N. W.

Rt 13 - 2.0

Pub. house Monticello

