

1977-1978

Catalog



Sangamon

State

University

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It should be understood that information concerning programs, procedures, requirements, standards, and fees is subject to change without notice. The information in this Sangamon State University Catalog is not to be considered final, nor does it constitute a contract between the student and the university.

A Message From the President

As an upper-level and graduate institution, Sangamon State University is at the leading edge of Illinois' effort to extend educational opportunity to the "new student." The upper-level university is designed to meet the expansion of the community college system and the aspirations of growing numbers of adults and transfer students returning to the campus for baccalaureate and graduate study. Because of the maturity and motivation of these "new students," the upper-level university has also emerged as a center for innovative educational programs and teaching styles.

Sangamon State University is one with a special and most vital mission, education in public affairs. Our concern with public affairs is mandated by the General Assembly of Illinois. It reflects the need for the education of men and women to understand and cope with complex public problems and policies whether as citizen, voter, or public servant. This obligation has its roots in the ancient understanding of education, that it was the solemn obligation of the educated man to return to his community in public service the fruit of his study and experience. We have selected the faculty, designed the curriculum, and set our standards with these high goals in mind.

Through this catalog we welcome you to our faculty and programs. I am sure you will find them as exciting as the mission of this new university.

Robert C. Spemer



President Robert C. Spencer

Table of Contents

Calendar 1977-1978	7
General Information	9
This is Sangamon State	10
Admissions Policies and Procedures	21
Undergraduate Admission	22
Graduate Admission	24
Tuition and Fees	25
Special Admission	26
Academic Policies and Procedures	27
Choosing a Program	28
Bachelor's Degree Requirements	29
Master's Degree Requirements	30
Public Affairs Colloquia	32
The Applied Study and Experiential Learning Term	33
Academic Standards	35
Registration Procedures	39
Graduation Procedure	40
Student Financial Aid	41
Non-Need-Based Programs	42
Need-Based Programs	46
Application Procedures for Need-Based Programs	48
University Life	51
Student Services	52
Office of Advising and Counseling	57
Student Life	59
Academic Programs/Course Descriptions	63
Accountancy (B.A.)	64
Administration (M.A.)	68
Business Administration	68
Educational Administration	75
Public Administration	77
Biology (B.A., M.A.)	87
Child, Family, and Community Services (B.A., M.A.)	95

Communication (B.A., M.A.)	101
Community Arts Management (M.A.)	107
Creative Arts (B.A.)	109
Economics (B.A., M.A.)	115
Environments and People (B.A., M.A.)	121
Gerontology (M.A.)	127
Health Services Administration (B.A., M.A.)	130
History (B.A., M.A.)	136
Human Development Counseling (M.A.)	145
Individual Option (B.A., M.A.)	151
Legal Studies (B.A., M.A.)	154
Literature (B.A., M.A.)	158
Management (B.A.)	164
Mathematical Systems (B.A., M.A.)	172
Medical Technology (B.A.)	186
Nursing (B.A.)	189
Nutrition (M.A.)	192
Physical Sciences (B.A.)	193
Political Studies (B.A., M.A.)	200
Psychology (B.A., M.A.)	207
Public Affairs Reporting (M.A.)	216
Social Justice Professions (B.A., M.A.)	218
Sociology/Anthropology (B.A., M.A.)	228
Work/Culture/Society (B.A.)	235
Special Sequences and Options	240
Philosophy and Human Values	240
Teacher Education	242
Women Studies	246
Public Affairs Centers	246
Public Affairs Colloquia	250
Organization of the University	253
Board of Regents	255
Administration	256
Faculty	257
Index	264
Campus Map	266
Area Map	267



Calendar 1977-1978

FALL SEMESTER, 1977

August 19-20, Friday-Saturday	Registration
August 22, Monday	Classes Begin
September 5, Monday	Labor Day Holiday
October 14, Friday	Mid-Point
November 23-25, Wednesday-Friday	Thanksgiving Recess
December 17, Saturday	Semester Ends
January 9-13, Monday-Friday	Interession PAC

SPRING SEMESTER, 1978

January 13-14, Friday-Saturday	Registration
January 16, Monday	Classes Begin
March 11, Saturday	Mid-Point
March 20-24, Monday-Friday	Spring Recess
May 13, Saturday	Semester Ends
May 14, Sunday	Commencement

SPRING INTERSESSION, 1978

May 20, Saturday	Registration
May 22, Monday	Classes Begin
May 29, Monday	Memorial Day Holiday
June 17, Saturday	End of Spring Interession

SUMMER SESSION, 1978

June 17, Saturday	Registration
June 19, Monday	Classes Begin
July 4, Tuesday	Independence Day Holiday
August 12, Saturday	End of Summer Session





General Information



This Is Sangamon State

PHILOSOPHY AND PURPOSE

Sangamon State University shares with the community colleges a new concept of higher education which reaches out into the community, responding in meaningful ways to the needs of today's students and the demands of their contemporary society.

Continuing the philosophy generated by the community colleges of open admission and affirmative action, Sangamon State is providing opportunities for upper-level education to a broad spectrum of students — transfers, individuals resuming an interrupted education, employed persons seeking to upgrade themselves in current positions or to prepare for second careers, and area residents wishing to enhance their personal lives.

Designated the state's public affairs university, Sangamon State addresses itself to specific and manifold government needs through special courses, projects, and student internships. Every student at SSU participates in Public Affairs Colloquia which deal with major topics or problems involving public policy study projects. Many government administrators are visiting lecturers to university classes, strengthening the flow of ideas and the level of understanding between state capital and state university.

An applied study experience is required of all undergraduate students at Sangamon State. This ingredient in the student's education is an individualized, self-directed work or research experience in which the student is off campus for part or all of a semester. Such further extension of the university into the community increases the contacts between students, faculty, and business and government leaders.

Every faculty member at Sangamon State University has a commitment to the individual student, with teaching as the first priority and research and publication serving as support for teaching rather than the opposite. Classes are small and informal, and students share in the responsibility for what is learned. Faculty members also serve as student advisers, providing strong personal relationships both in and out of class.

All of Sangamon State's programs are designed in an innovative way, bringing together the world of practical affairs and the world of higher education. At Sangamon State, the task is to teach people: to prepare them as individuals to be effective participants in a changing society.

HISTORY

Sangamon State University was established by the Illinois General Assembly in 1969, as the first of two senior institutions in the state. The upper-level concept of Sangamon State, and of Governors State University in Park Forest, was the result of an extensive study by the Board of Higher Education, developed in its Master Plan which recognized the need for an innovative response to the growth of the community college system throughout the state and the need for new ways for individuals to enter upper-division and graduate study.

Sangamon State was designated as the state's public affairs university, charged with training persons for public service and, more basically, with fostering an active understanding of contemporary social, environmental, technological, and ethical problems as they relate to public policy.

Because of this public affairs dimension, the capital city was selected as the site for the campus. Further impetus for the establishment of Sangamon State in Springfield was provided by community leaders in Central Illinois who were deeply aware of the local and regional demand for educational opportunity. A million-dollar citizens fund drive raised money for supplementary land acquisition, further demonstrating the commitment of the people in the community to Sangamon State and its mission.

Dr. Robert C. Spencer, then dean of the Graduate School at the University of Rhode Island, was chosen in the summer of 1969 as Sangamon State's founding president. He assumed his duties in September, 1969, and the university opened its interim facilities for the fall term of 1970. The initial enrollment was some 800 students, with a faculty of 45. Sangamon State University graduated its first class in December, 1971, although the first formal commencement and the inauguration of President Spencer did not take place until June, 1972.

Sangamon State presently has some 4000 students and a faculty of 200, with an enrollment of 6000 anticipated before 1980.

MAIN CAMPUS

Sangamon State operates from two campuses in the state capital. The Main Campus of some 740 acres is six miles southeast of the Capitol complex, adjacent to scenic Lake Springfield and Lincoln Land Community College. The Capital Campus is in the heart of the city and only four

blocks from the Statehouse. Evening classes are scheduled on both campuses to accommodate both commuting and community students. Many "brown-bag" classes are held during the noon hour to serve more effectively persons who are employed.

Higher-education leadership in the state has approved a Center for Legal Studies in which Sangamon State University will be a primary participant. The center, to be housed in a new capital courts complex in Springfield, will include a third-year clinical program, to which existing law schools will send students for programs in judicial and governmental-related law, and a paralegal program.



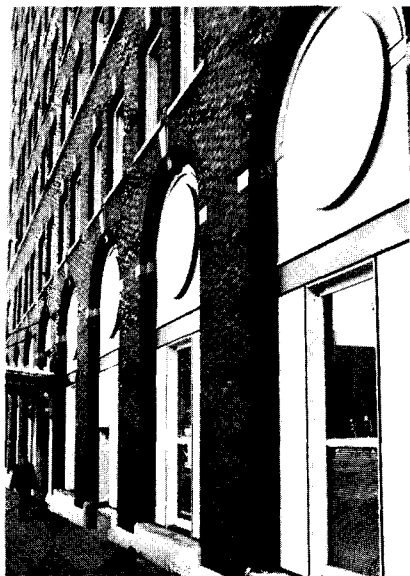
The first permanent building on the Main Campus is the Norris L. Brookens Library, completed in December, 1975, and named for the late chairman of the Illinois Board of Regents. It is a major learning-resources center designed to support the university's academic programs, and also contains a considerable amount of temporary classroom and faculty office space. As future permanent buildings are completed, these temporary spaces will be phased out and replaced by expanding library stack and reader areas.

It is significant that the second permanent building will be the Public Affairs Center, for which construction began in late 1974. The Public Affairs Center has been planned to more clearly carry out the university's public affairs function. The center's 2000-seat auditorium, seminar and conference rooms, laboratories and classrooms, and public hearing room will be specifically designed for those academic programs having a distinct public affairs thrust. The center will also contain a cafeteria, restaurant, and faculty and administrative offices.

Modern, attractive steel interim buildings in well-landscaped settings have been designed to reflect the open operating style and spirit of the university. They make up the remainder of the campus currently in use.

The Main Campus is easily reached from I-55. Persons coming from the north should take the Stevenson Exit, following the directional signs on Stevenson Drive to West Lake Drive, and south to the campus. The campus is also reached from US 66 and I-55, coming from the south, by

taking the Toronto Road Exit to Lincoln Land Community College and on to Sangamon State.



CAPITAL CAMPUS

The Capital Campus was carefully and creatively planned by the university with the help of an advisory group of student, faculty, staff, and community representatives. Its downtown location makes it possible for Sangamon State to perform its public affairs mission more effectively by providing easy access by students and faculty to the legislative and executive offices of state and local government, and to such educational resources as the Illinois State Library and Illinois State Historical Library.

The central location also serves the needs of students who work in the downtown area, or who would not be able to reach the Main Campus on a regular basis.

The Capital Campus began classes in the fall of 1972, offering courses in the areas of public affairs, administration, human development counseling, economics, psychology, and others. Located in the former Leland Hotel building at Sixth and Capitol streets, the Capital Campus is but a few blocks from the Statehouse and the complex of other state buildings.

GOVERNANCE

Sangamon State is one of three institutions governed by the state Board of Regents under the supervision of the Illinois Board of Higher Education. The other Regency schools are Illinois State University at Normal and Northern Illinois University at DeKalb.

A single organization, the University Assembly, has been established as an advisory body to help guide the campus community. Formed in November, 1970, the Assembly represents the various Sangamon State

constituencies. The Assembly is made up of three senates — student, faculty, and staff — each of which elects its representatives.

Believing that participation in governance is a productive learning experience for students, the university encourages students to seek election to the student senate. Academic credit may be allowed for certain service to elected or appointed major units of the governing process.

Each of the senates has standing committees charged with submitting policy recommendations in areas of specific concern. Students are represented on all senate committees and make up a majority of the membership of all student senate committees.

The University Assembly system provides a forum for ideas and ensures the effective sharing of responsibility for development of policy suggestions and recommendations. Members of the Springfield community are encouraged to serve on committees in order to lend their interest and experience to the work of the university.

ACCREDITATION

Sangamon State University received, in April, 1975, full accreditation by the North Central Association of Colleges and Schools, which accredits major institutions of higher education in the Midwest. An NCA external review committee, on the basis of a comprehensive university self-study and a campus visitation, recommended that the North Central Association grant such accreditation to Sangamon State.

As it has expanded in scope and enrollment Sangamon State University has been authorized by the Illinois Board of Regents to grant Bachelor of Arts degrees in 22 fields of the liberal arts and professional studies, and the Master of Arts degree in 22 programs in the professions, public service, and liberal arts.

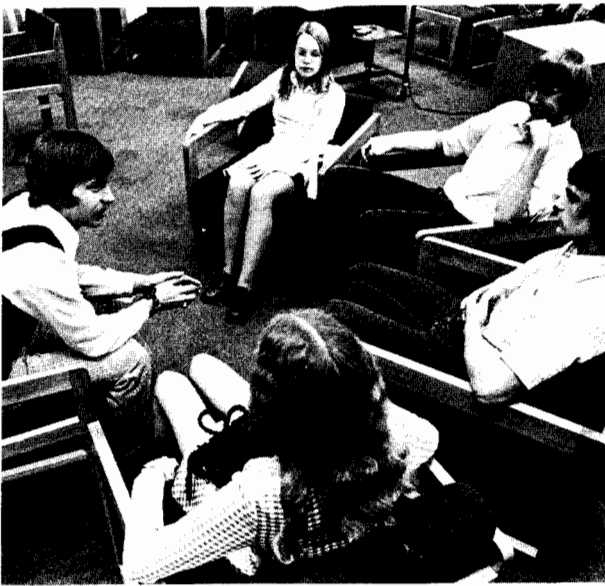
A selective program in the preparation of teachers was certified by the Illinois Board of Education in October, 1971. The state board has also certified Sangamon State programs in educational administration and elementary and secondary school counseling.

ORGANIZATION

Sangamon State University is organized into three administrative divisions which function under the direction of vice-presidents. They are: Division of Academic Affairs, Division of Business and Administrative Services, and Division of University Relations.

Academic offerings in areas of natural science, social science, humanities, and professional study make up 27 degree programs plus special sequences and options. Along with the vice-president for academic affairs, a dean of academic programs, dean of public affairs, and dean of educational services head up academic activities.

The mandate of Sangamon State is in the area of education in public affairs within the framework of a liberal arts curriculum stressing practical experience and innovative teaching. Consistent with this commitment, Sangamon State offers only the Bachelor of Arts and Master of Arts degrees.



The university asks its faculty to be fully committed not only to their scholarly endeavors but to innovative teaching and an open system of evaluation. The goal is a willingness to assist students through good teaching and individual advising. This is a priority at Sangamon State, more than traditional requirements of research and publication.

The philosophy of personal attention to each student is enhanced at Sangamon State through the advising process. Each student selects his own academic adviser, who is the student's central contact and helps the student develop a meaningful and enriching program. The relationship between the student and his adviser continues through the entire period the student remains at Sangamon State.

SANGAMON STATE PEOPLE

The faculty at Sangamon State University are selected to reflect the liberal arts and public affairs commitments in addition to their professional and scholarly preparation. Together they bring backgrounds from the worlds of business, administration, science, and the arts to provide the diversity and excitement needed to combine the world of learning with the world in which people live and work.

Among faculty members in Sangamon State classrooms are an art historian who has held administrative positions at several museums; an economist who has worked with the Marshall Plan agencies in Europe, and as an adviser to the government of Morocco; a former vice-president of Sears, Roebuck and Company who has also served as an undersecretary of commerce; and a former apprentice to the great American Architect Frank Lloyd Wright. Government administrators, business leaders, and professionals from medicine and the arts in the Springfield area are frequent guest lecturers.

These are people qualified to compete in the world of business, government, and the professions as well as teach about it; but more important, they are dedicated to teaching as their primary interest.

SPRINGFIELD

The capital city of Illinois, Springfield is a city of almost 100,000 people located in Sangamon County, the heart of a rich agricultural area with a population of more than 400,000. The city is a diversified community with a background of manufacturing, retail and wholesale business, state and federal employment, and insurance. Fiat-Allis; Sangamo Electric Company; the regional office of Illinois Bell Telephone Company; and home offices of the Franklin Life, Horace Mann, and Roosevelt National insurance companies are here.

In addition to Sangamon State and Lincoln Land Community College, Springfield is the site of Springfield College in Illinois. A medical school is operated under the auspices of Southern Illinois University and two local hospitals, making up the state's largest downstate medical center. A third hospital has recently opened and is now receiving patients. One of the state's community mental health clinics, McFarland Zone Center, is located here.

The Illinois State Fair, the nation's largest agricultural exposition, is held every year in August. Several horse shows are held annually.

Springfield has 22 public parks, three public swimming pools, golf courses and tennis courts, wildlife sanctuaries, and a zoo. Lake Springfield has public beaches and fishing and boating facilities.

This is a historic city, the home of Abraham Lincoln and the county seat. Lincoln's Home and Tomb, and the restored Old State Capitol where he served in the legislature, are open to the public. There are many other historic sites, including the home of Vachel Lindsay and that of Benjamin Edwards. New Salem State Park, about 20 miles northwest of Springfield, is the restored village where Lincoln lived and worked as a young man.

Springfield is in the center of the state, 193 miles from Chicago and 96 miles from St. Louis.



LIBRARY

Sangamon State's Norris L. Brookens Library is a teaching library which assists students in developing research techniques and the ability to evaluate the overwhelming amount of information available today. Library as well as classroom faculty work together to help students acquire those information skills which support the curricular demands of the university — skills that will provide a lifelong ability to obtain, analyze, and utilize data.

The Library's multimedia collection is particularly strong in the social sciences and supports the public affairs mandate of the university. It contains more than 190,000 volumes, 3100 subscriptions to newspapers and journals, 52,000 government publications, a variety of musical and spoken recordings, simulation games, audio and video tapes, slides, and microform collections. The Library supplements its holdings by cooperative arrangements with other libraries. Tape recorders, filmstrip readers, portable microform readers, and other media equipment are also available to the SSU community. In addition, the Library provides graphic, audio, video, and photographic services for individual students, faculty, and classroom operations.

LABORATORY FACILITIES

One of the unique features of the natural science programs at Sangamon State University is the wide array of modern, sophisticated instrumentation which is available for use in the classroom and for independent projects. Since scientific investigation is becoming more and more technically demanding, there is increasing need for persons who have acquired a high level of competence in the use of sophisticated laboratory instruments. For this reason Sangamon State laboratory facilities are intended for *student* use so that students can, in addition to their theoretical studies, gain marketable technical skills. For a specific listing of the equipment available, see the individual natural science program statements elsewhere in this catalog.

RADIO STATION

Sangamon State's public radio station, WSSR, began broadcasting on Jan. 3, 1975, with a full schedule of music, public affairs events, cultural activities, academic-credit courses, and other programs not normally a part of commercial broadcasting. The station is operated by a professional staff supplemented by participating faculty, students on work/study assignments, and persons from the community. Committees of university and community members help guide policies and procedures.

WSSR, at 91.9 on the FM dial, operates in stereo, and is on the air 20 hours each day, seven days a week. Its 50,000 watts of power carry programs throughout an 80-mile radius of Springfield. A program guide, *WSSR Montage*, is published monthly and distributed to interested listeners who help to support the station through voluntary subscriptions. Both federal and state monies supply basic financial support to the station.



Sangamon State radio programming includes productions from National Public Radio, United Press International news and audio services, the British-based Reuters News Service, and locally produced specialties.

CLAYVILLE RURAL LIFE CENTER

Clayville Rural Life Center was established by Sangamon State University in 1973 with the gift of an 1824 Stagecoach Inn, two log cabins, two barns, and two craft sheds. It is located on 10 acres of land, 12 miles west of Springfield on Illinois Highway 125. Dr. Emmet and Mary Pearson turned the land, building, and artifacts over to the Sangamon State University Foundation so that the university could establish a rural life center. At Clayville, students can learn of the past by studying and recording the folk cultures of the prairie, historic preservation, and living historical farming in a setting not unlike the Illinois of 1850.



Along with studying at Clayville, students are encouraged to belong to or work with the Clayville Folk Arts Guild, a not-for-profit organization established in 1965 to protect and preserve the early crafts as practiced during the 19th century in Illinois. Each year, the Clayville Folk Arts Guild and Sangamon State University Foundation sponsor extensive, working craft festivals, where the public can learn about and enjoy their prairie heritage.



Students from area elementary schools also re-create the past in guided visits to Clayville, where they learn by actual participation in tasks of the rural Illinois family of the 1850s.

SANGAMON STATE UNIVERSITY FOUNDATION

The Sangamon State University Foundation is a charitable not-for-profit educational organization that exists to assist the university in serving the people of Springfield and Central Illinois. The Foundation directly seeks to provide broader educational opportunities for and service to students, alumni, and the public by encouraging gifts of money, property, art, historical material, or any other gift which could enhance the work of the university. It works to strengthen the bonds that link the university and the public.

ALUMNI ASSOCIATION

Sangamon State University now has more than 3400 graduates. They are served by the university's Alumni Office, which regularly publishes the alumni magazine *Sangamon*. The office also distributes an alumni newsletter *Alumnews*. A group of the university alumni have formed an Alumni Association to meet the needs of the school's graduates. Goals of this organization include keeping the alumni informed of events on campus and enabling them to participate in events of interest to them. The Alumni Association has instituted a scholarship program administered by the Office of Financial Aid. Scholarship funds are made available each year to certain eligible students who are designated Alumni Scholars. The association has also given direct financial support to WSSR Radio through program grants.





Admissions Policies
and
Procedures

Undergraduate Admission

Admission to undergraduate study at Sangamon State University is open to graduates of accredited community colleges and to transfer students from other institutions. In addition, admission is open to persons who can demonstrate their competencies and readiness for upper-division study through appropriate proficiency examinations and, in some cases, through evaluations of professional and life experience.

Students seeking admission to the university are expected to have completed preparatory work at a level which qualifies them for upper-division study. Usually, students satisfy these requirements through lower-division study in a community college or in lower-division work at a four-year college or university.

Admission to the university does not constitute matriculation in a particular program. Some programs have special requirements which must be satisfied before formal acceptance to the program takes place, and some programs have limited enrollments. Applicants should check the program descriptions to learn of special requirements and/or enrollment limits established by individual programs.

STUDENTS FROM ACCREDITED COMMUNITY AND JUNIOR COLLEGES

Admission is granted to graduates of accredited community or junior colleges who have earned the Associate in Arts or Associate in Science degree in a program which includes general education requirements.

SSU also admits graduates of accredited community or junior colleges which do not specify general education requirements, if those students have completed at least 20 semester hours, or 30 quarter hours, of study in the social sciences, humanities, and the sciences. Persons who have accumulated 60 semester hours of credit (90 quarter hours) with an average of "C" or better at a junior or community college, but have not earned a degree, may be admitted if, in addition to their other work, they have completed at least 20 semester hours, or 30 quarter hours, in the social sciences, humanities, and the sciences.

Students who have earned a degree other than the A.A. or A.S. may apply and be admitted if they can satisfy the previously stated minimal general education requirements.

STUDENTS FROM ACCREDITED COLLEGES AND UNIVERSITIES

Admission is granted to students from accredited colleges and universities who have attained junior standing (60 semester hours or 90 quarter hours); earned a grade-point average of "C" or better; and completed the general education courses required in lower-division, undergraduate work.



ADVANCED STANDING AND TRANSFER CREDIT

Students generally are admitted to Sangamon State University with junior standing. Up to one year of additional credit earned in appropriate subject or program areas at a four-year college or university may be transferred by students who present official transcripts describing such credits. Only grades of "C" or better will be accepted to establish advanced standing. To obtain a degree from Sangamon State University, the student must earn the equivalent of two semesters of credit, with a minimum of 30 semester hours in residence at Sangamon State University; satisfy university requirements for the Public Affairs Colloquia and the Applied Study Term; and fulfill the specific requirements of his or her academic program.

ADMISSION BY PROFICIENCY EXAMINATION

Sangamon State University recognizes that many individuals receive an education outside the formal university environment through correspondence courses, educational television, on-the-job training, and independent study. As a result, the university has devised means of evaluating nontraditional educational growth so that qualified applicants may be admitted directly to the junior year of an undergraduate program or to the beginning of a master's degree program. In judging the applicant's qualification for admission, Sangamon State University uses the College Level Examination Program of the College Entrance Examination Board and individual papers submitted by the applicant explaining work, community leadership, and other learning experiences.

The CLEP exams are offered at various times during the year. The applicant must have a formal application on file at the university when the test is taken. There are five parts to the examination: English composition, mathematics, natural sciences, social sciences, and humanities. The battery takes approximately seven hours to complete.

Please contact the Office of Admissions and Records for further information concerning this program.

ADMISSION PROCEDURE

The prospective student may receive an application form by writing to the Office of Admissions and Records, Sangamon State University, Springfield, Ill. 62708.

An application will not be processed until all transcripts of record have been received from each college or university formerly attended.

The application should be submitted at least one month prior to the beginning of the semester in which the student wants to begin course work. (See calendar.) If it becomes necessary to close admissions before the announced deadline, Sangamon State University will admit students in order of receipt of completed applications.



Graduate Admission

Sangamon State University offers the Master of Arts degree in a number of traditional disciplinary studies, professional programs, and multidisciplinary university programs. Graduate study at SSU may lead to direct entry into the student's chosen career field, or to graduate work beyond the master's degree. Regardless of the area of concentration chosen, SSU strives to provide graduate students with the freedom and opportunity for self-direction given all Sangamon State students, but with some additional advantages of special importance to graduate students: the opportunity for concentrated study, close working relationships with members of the faculty, proximity to the learning resources available in Illinois' capital city, and an excellent university library. It is possible for employed students to earn their M.A. degrees through evening and weekend study.

Admission to graduate study is open to those who have earned the bachelor's degree at a regionally accredited college or university. In addition, some programs have special requirements which must be met before formal admission takes place, and some programs have limited enrollments. Applicants should consult the program descriptions for specific details.

Tuition and Fees

Semester

TUITION

Tuition for full-time students (12 or more semester hours)	
Residents of Illinois	\$250.00
Nonresidents of Illinois	750.00
Tuition per semester hour for part-time students (1-11 semester hours)	
Residents of Illinois	21.00
Nonresidents of Illinois	63.00

REGISTRATION FEES

Activity Fee	
Full-time (12 or more semester hours)	\$ 12.00
Part-time (11 or less semester hours)	6.00
Noninstructional Facility Fee *	
Full-time (12 or more semester hours)	6.00
Part-time (11 or less semester hours)	3.00
Student-to-Student Grant	3.00
Parking	7.50
Health Insurance (Full-time, 12 or more semester hours)	22.00

OTHER FEES

Late Registration Fee	\$ 10.00
Late Payment Fee	10.00
Changes in Program Fee	5.00
Transcript of Record Fee	1.00
Graduation Fee	
Bachelor's Degree	10.00
Advanced Degree	15.00
Summer Session Fees will be listed in the Summer Schedule.	

Tuition and fees will be assessed at the time of registration for each semester or session. Students with tuition waivers must pay any unwaived tuition and fees at the time of registration. Other students may elect to be billed. The mailing date of the bills and the last date for payment of bills will be published in the course schedule. A \$10 late payment fee will be assessed to any student whose bill is unpaid by the last date for payment.

*State universities in Illinois use "noninstructional fees" to pay for dining halls and food service operation and equipment. Such a facility will be incorporated into the new SSU Public Affairs Center.

Fees are subject to change without notice.

ADMISSION BY PROFICIENCY EXAMINATION

Sangamon State, recognizing that persons receive an education outside the formal university environment, has devised means of evaluating nontraditional educational growth so that qualified applicants may be admitted to the beginning of a master's degree program, providing minimum qualifications are met.

For further information concerning these examinations, please contact the Office of Admissions and Records.

ADMISSION PROCEDURES

The prospective graduate student may receive an application form by writing to the Office of Admissions and Records, Sangamon State University, Springfield, Ill. 62708. An application cannot be processed unless it is fully completed and all transcripts of record are received from each college or university formerly attended.

Applications should be submitted at least one month prior to the beginning of the semester in which the student wants to begin course work. (See calendar.) If it becomes necessary to close admissions before the announced deadline, Sangamon State University will admit students in order of completed applications.

Special Admission

Sangamon State University encourages persons in the Springfield community who meet the basic requirements of at least two years of college or the equivalent in experience to enroll for individual courses at the university. The Special Student category permits registration in individual courses without the regular admissions procedures and without a commitment to a particular degree program. The Special Student may be someone who already has received a college degree and has noticed a course of particular interest; someone who wants to take a particular course or two for a career update; someone curious about an area which he did not have the opportunity to study in his earlier college work; or someone contemplating a return to school for a degree, who is unready to make that commitment, or is unsure as to what area of study to pursue.

The Special Student is not required to file all of the documents necessary for admission to a degree program. The Special Student generally will not be allowed to take more than one course each semester and will be asked for clarification of his status before exceeding 16 semester hours. Any Special Student who chooses later to become a candidate in a degree program will then be required to go through normal admissions procedures. At that time, the course work taken will be evaluated to determine what credit can be applied to the chosen degree program. A maximum of 16 semester hours taken while a Special Student may be applied toward a degree.



Academic Policies and Procedures

Choosing A Program

Sangamon State University has more than 25 programs from which students can choose, most of which grant both B.A. and M.A. degrees. In addition to the traditional baccalaureate and master's programs, students may enroll as Special Students. A Special Student is one who has completed at least two years of college or the equivalent in experience and enrolls in individual courses without the regular admissions procedures and without making a commitment to a regular degree program.

Flexibility characterizes the academic programs at Sangamon State. Programs range from traditional disciplines such as history, economics, and biology; to more career-oriented concentrations such as nursing and business administration; to interdisciplinary programs which focus on subjects such as environments and people, and communication. In addition, Sangamon State offers an unusual alternative called the Individual Option Program.

The Office of Advising and Counseling is available to provide assistance to students who are attempting to choose their academic programs.

THE INDIVIDUAL OPTION PROGRAM

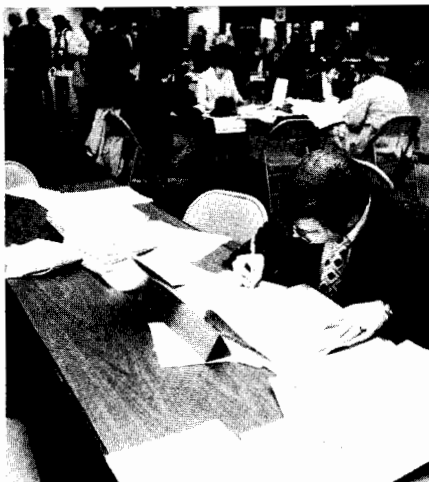
The Individual Option Program gives students a unique opportunity to design their own major concentrations. The program is designed for students who want to combine areas of study rather than to pursue a traditional single discipline, or want to focus on an area of study which is not covered in the established program at SSU, but for which faculty competencies and other resources are available.

Generally, Individual Option programs are based on broad topics or problems which interest students and for which appropriate faculty and other resources can be found. An Individual Option Colloquium is offered for the purpose of exploring and developing each student's topic and course study. The student works with his faculty adviser in preparing an individual program of study.

INTERDISCIPLINARY PROGRAMS

Of special note are the interdisciplinary concentrations which are constructed around issues of contemporary importance. Central to each is a colloquium which introduces the issues, raises significant questions, establishes definitions, and integrates the various courses in the program. The following currently are available.

Communication deals with the relationship between the understanding of communication and the practical means of communication. The program is both practical and theoretical in that it gives students a chance to compare the contributions of communication theorists, while also developing students' competence in the use of various modes of communication.



Environments and People is directed at the questions of man's biological, physical, psychological, social, economic, and political environments and the problems they entail.

Work/Culture/Society focuses on contemporary economic policy, the quality of life, problems of poverty and power, and the uses and abuses of leisure.

Bachelor's Degree Requirements

GENERAL REQUIREMENTS

To obtain a baccalaureate degree from Sangamon State University, a student must fulfill the following requirements.

Earn 60 semester hours of credit at the upper-division level.

Earn a minimum of 30 semester hours of credit in residence at Sangamon State.

Earn a minimum of six semester hours of credit in Public Affairs Colloquia.

Satisfy the Applied Study Term requirement of no less than eight semester hours of credit.

Satisfy Illinois School Code Sec. 27-3 (constitution requirement) at least once at the collegiate level.

Fulfill all program requirements.

Complete the Graduation Contract and the Graduation Report.

Pay a graduation fee of \$10.

Each student should choose a faculty adviser, preferably from the student's area of concentration, as soon as possible after entering the university. The Office of Advising and Counseling can provide assistance in selecting an adviser.

USE OF LOWER-DIVISION CREDIT

A maximum of 12 hours of lower-division credit earned after admission to Sangamon State may be applied as electives to the total 60 credit hours required for graduation upon the approval of the student's major program and the dean of academic programs.

THE BACHELOR OF ARTS DEGREE

Sangamon State awards the Bachelor of Arts degree in the following areas of concentrated study.

- Accountancy
- Biology
- Child, Family, and Community Services
- Communication
- Creative Arts
- Economics
- Environments and People
- Health Services Administration
- History
- Individual Option
- Legal Studies
- Literature
- Management (two options)
 - Business
 - Public
- Mathematical Systems (four options)
 - Computer Science
 - Mathematics
 - Operations Research
 - Statistics
- Medical Technology
- Nursing
- Physical Sciences
- Political Studies
- Psychology
- Sociology/Anthropology
- Social Justice Professions (two options)
 - Human Services
 - Law Enforcement
- Work/Culture/Society

Master's Degree Requirements

To earn a master's degree from Sangamon State University a student must fulfill the following requirements.

Earn the number of semester hours of graduate credit required by the academic program, of which half must be earned in residence at Sangamon State.

Earn a minimum of four semester hours of credit in Public Affairs Colloquia.

Satisfy Illinois School Code Sec. 27-3 (constitution requirement) at least once at the collegiate level.

Fulfill the graduate problem-solving requirement.

Fulfill all program requirements.

Complete the Graduation Contract and the Graduation Report.

Pay a graduation fee of \$15.

Each student should choose a faculty adviser, preferably from the student's area of concentration, as soon as possible after entering the university.

The Office of Advising and Counseling can provide assistance in selecting an adviser.

TRANSFER CREDIT AT THE GRADUATE LEVEL

Sangamon State University will transfer up to one half of the number of hours required for a graduate degree under the following conditions.

The work for which the credit is sought is considered appropriate to the student's educational objective and is approved by the program to which the student is being admitted.

The work was done in a regionally accredited institution.

The work was at the graduate level.

A grade of "B" or better was earned in all courses being transferred.

THE MASTER OF ARTS DEGREE

Sangamon State awards the master's degree in the following areas.

Administration (three options)

Business

Education

Public

Biology

Child, Family, and Community Services

Communication

Community Arts Management

Economics

Environments and People

Gerontology

Health Services Administration

History

Human Development Counseling

Individual Option

Legal Studies

Literature

Mathematical Systems (four options)

Computer Science

Mathematics
Operations Research/Systems Analysis
Statistics

Nutrition

Political Studies

Public Affairs Reporting

Psychology

Sociology/Anthropology

Social Justice Professions (four options)

Administration of Justice

Human Services

Law Enforcement

Legal Studies

THE PROBLEM-SOLVING EXERCISE

During the final semester of work toward the M.A. degree, a student must demonstrate problem-solving capabilities in his or her area of concentration. An examining committee composed of the student's adviser, a faculty member chosen by the student, and a faculty member selected by the vice-president for academic affairs devises the student's problem-solving activity. The problem-solving requirement is handled in different ways by different programs. Unanimous agreement of the examining committee is required for acceptance of the problem-solving requirement.

THE SECOND MASTER OF ARTS DEGREE

All program and university requirements for the Master of Arts degree are in effect for students who have previously earned an advanced degree. However, the PAC may be waived for those who have completed the requirement on the graduate level.

Public Affairs Colloquia

Public Affairs Colloquia are a distinctive part of the curriculum of Sangamon State University, and play an important role in fulfilling its mission as the public affairs university for the state of Illinois. Their objective is to prepare students for informed and effective decision-making in a democratic society, through better understanding of contemporary issues, heightened skills of research and problem-solving, and facility in oral and written expression. PAC's provide a unique "laboratory" in which students can test out the theories, concepts, methods, and skills learned in the various disciplines by applying them to a concrete problem or issue. However, by their very nature, PAC's call on more than the perspectives of specific disciplines. Therefore, they encourage students to

look at problems from multiple perspectives. The colloquia topics are sufficiently varied to suit students from diverse fields and with differing educational and professional objectives.

Each PAC focuses on a current issue of public concern. Colloquia are designed to broaden students' understanding of the issues and to encourage the development of critical reasoning ability with respect to public issues.

REQUIREMENTS

Candidates for a B.A. degree must earn at least six semester hours of credit in Public Affairs Colloquia. M.A. candidates must earn at least four hours of PAC credit.

Descriptions of the types of PAC's, examples of PAC's, and focus of the public affairs centers are included in the section on Academic Programs/Course Descriptions.

The Applied Study And Experiential Learning Term

The Applied Study and Experiential Learning Term is an off-campus learning experience for undergraduates. Students are given an opportunity to apply theory, expand knowledge, and determine additional learning needs in a variety of "real-life" situations. The type of experience arranged for the AST varies according to student needs. AST experiences have involved students in teaching, business, government, community service, biological and agricultural enterprises, health, and personal service occupations. However, placements are not limited to these areas; students are encouraged to develop on their own initiative individual or group projects which they believe will best fulfill their specific educational



and career aspirations. Students make arrangements for the AST with faculty in the university's Applied Study Office.

Undergraduates are required to complete at least eight semester hours of Applied Study credit prior to graduation. Several scheduling options are available: a 16-weeks, part-time AST (eight semester hours); an eight-weeks, full-time AST (eight semester hours); a special full-time, semester-long program (16 semester hours); and a four-semester-hour program for 16 weeks for students already employed in a career position. Scheduling is flexible, and a number of other scheduling options are possible. Normally, a minimum of 320 hours of field experience is required for eight semester hours of credit. In some cases, an AST of less than eight semester hours may be allowed.

Students may not enroll for the AST during the first or last eight weeks of residence at the university. They may, however, be permitted to enroll for a part-time AST during their last 16 weeks of residence.

Students are urged to discuss AST plans with their advisers during their first semester of residence. Application to the program should be completed no later than three months prior to the time the student expects to begin the AST.

In exceptional cases, students may request a waiver of the Applied Study requirement. If a student feels it is in his or her best interest to seek a waiver, a conference should be scheduled with a member of the Applied Study staff. If, after this initial conference, a waiver is still desired, a formal application must be submitted to the AST waiver committee. Such applications should be submitted no later than 10 months prior to the student's anticipated date of graduation.

AST REQUIREMENTS

In addition to completing an application form, each student must prepare a proposal before her or his AST is approved. The student must then prepare a more detailed learning contract, giving a description of the assignment, outlining the student's specific learning objectives, and explaining how the student intends to meet these objectives. Faculty in the Applied Study Office work with the faculty member in the student's program who is overseeing the AST to determine when the learning contract is acceptable. Applied Study faculty, the student's academic adviser, and the field supervisor work with the student and require or recommend readings, research papers, and other learning exercises to be completed during the AST. All students are required to keep comprehensive daily journals giving their reactions to their experiences. In some cases, a student may work out an alternative to the daily journal with his or her academic adviser and field supervisor. Students also may be required to attend seminars on campus. Academic components of the AST are designed to assist students in meeting the general and specific goals they have set in their learning contracts.

EVALUATION OF THE AST

Applied Study faculty and, whenever possible, the student's academic

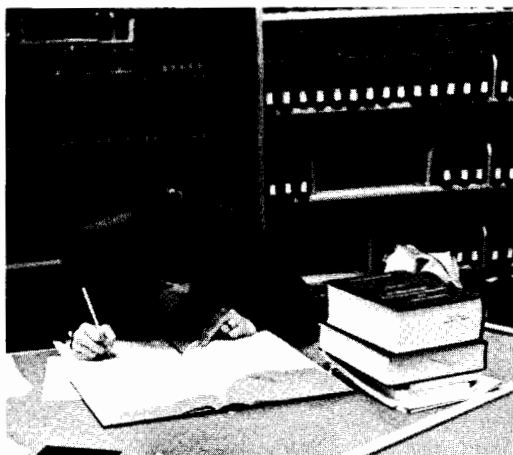
adviser make on-site visits to the student during the field experience to discuss the student's project and to meet with the field supervisor. Self-evaluation is stressed, and at the conclusion of the experience the student prepares an in-depth written self-evaluation. Applied Study faculty and the student's field supervisor submit evaluations of the student's progress, in which the student is measured against the objectives stated in the learning contract. The academic adviser, after receiving these evaluations, is encouraged to schedule a special interview with the student to discuss the experience. Based on these written evaluations, the Applied Study faculty decide whether credit will be given. The AST is graded on a credit/no credit basis.

Academic Standards

ACADEMIC LOAD

For purposes of tuition, fees, and financial aid benefits, a student taking 12 or more semester hours of work during the Fall or Spring semesters, or six semester hours of work in the Summer Session, will be considered a full-time student. Students taking less than this academic load will be considered part-time students.

Most courses at Sangamon State count for four semester hours. The normal course load for a full-time student is usually four courses, or 16 semester hours. Any student, undergraduate or graduate, who wishes to



carry more than 18 semester hours must wait until after the normal registration processes for the semester are completed and then register for the overload. An undergraduate student also must submit a "With Permission of Adviser" form, signed by his or her adviser, to the Office of Admissions and Records for academic loads of 19 or more semester hours.

For academic loads of 21 semester hours or more, the undergraduate student must also obtain the signature of the appropriate dean. A graduate student seeking to take an overload must have the approval of the adviser, the dean, and the vice-president for academic affairs.

A graduate assistant's normal load is eight semester hours. A graduate assistant seeking to take more than 10 semester hours must have the approval of the vice-president for academic affairs.

GRADING

Sangamon State University believes that any grading system should be primarily a means of marking a student's progress, and the grading systems at SSU reflect this belief. Sangamon State has two grading options: the student may choose to take grades for courses, or may select the credit/no credit system. The student also may decide on a combination of the two options, taking some courses for grades, and others for credit.

LETTER GRADES

Letter grades, when used, emphasize a student's successes rather than



failures. To complete a graded course successfully, the student must earn one of the following grades:

- A — excellent
- B — good
- C — passing

(Note: For graduate students the grade of "C" is not counted toward graduation.)

Courses which are not successfully completed will not appear on the student's transcript.

CREDIT/NO CREDIT

When a student successfully completes a course for credit, he receives

an “S” (satisfactory). For M.A. candidates, the “S” indicates that the student has achieved “A” or “B” level work. Courses which are not successfully completed will not appear on the student’s transcript.

WRITTEN EVALUATION

Regardless of the grading system chosen, students may request written evaluation of their achievement in each course. Students should advise their instructors by the mid-term of each semester of their desire to have written evaluations prepared. Students may also make the request through the Registrar’s Office, which will then be responsible for seeing that the appropriate evaluation has been sent to the student. This extra dimension in the student’s evaluation provides another means of determining the student’s skills and progress, and an opportunity to see where improvements can be made in the future. At the student’s request, the written evaluations will be incorporated in his or her permanent record.

CROSS-LISTED COURSES

Students may take courses in programs outside their major fields and apply the credit hours earned to the total number of hours required for their major programs if the courses are among those cross-listed by the students’ major programs. Cross-listing is a system by which an academic program identifies related courses in other areas of concentration for which credit will be allowed toward that program major. Cross-listed courses appear in the catalog at the end of each program’s course list.

INCOMPLETE WORK

A student who has not completed work as of the date grades are due may, at the discretion of the instructor, be given an Incomplete (“I”). A change to credit and/or grade can be made once the work has been completed to the satisfaction of the instructor. If the work is not finished within one semester, the Incomplete will be changed to “No Credit.” Extensions may be granted at the request of the instructor.

SATISFACTORY PROGRESS

Satisfactory progress for full-time students is defined as the completion of 12 semester hours of credit during each regular semester enrolled and the completion of six hours during each summer school enrollment. Students receiving financial aid for the purpose of full-time study must maintain satisfactory progress in their academic work.

ACADEMIC PROBATION

Students who fail to complete one half of the course work for which they are registered on the 10th day of classes in any semester will be placed on academic probation during the following semester. If, after counseling and consultation with the adviser, the student again fails to complete at least half of the course work, he or she will be asked to withdraw from the

university. The student will be notified of probationary status by letter.

WITHDRAWAL FROM COURSES

A student may withdraw from a course or courses during the first 10 class days following the first day of the semester or term. Students will be charged for those courses in which they are still enrolled on the 10th day of classes. Anyone withdrawing from courses after that time *will be financially responsible* for tuition and fees. A statement of intention to withdraw must be made in person or by writing to the Registrar's Office.

A student may choose to withdraw from a course after the 10th class day *without academic penalty*. The student must notify the Registrar's Office in person or by letter of the intention to withdraw, at least three weeks before the end of the semester or term. *Failure of the student to attend classes does not constitute a withdrawal*.

CHANGING OF COURSES

A student may make changes from one course to another or drop courses during the first 10 class days of a regular semester. A fee of \$5 will be charged for course changes made after the close of the regular registration period. No course may be added after the 10th class day of a regular semester, without the permission of the registrar.

CLASS ATTENDANCE

There is no universitywide requirement regarding class attendance at Sangamon State University. Individual instructors, however, may set class attendance requirements which they consider to be reasonable, and which are consistent with the objectives of the course. In either case, students will be held responsible for the requirements of each course.

AUDITING COURSES

A student who wishes to audit a course will be required to pay full tuition and fees and will receive a grade of "AU" for the course. A student may not change from "audit" to "credit" in any course, nor can credit for the audited course be established at a later date.

If a course has stated enrollment limits, students taking the course for credit will be enrolled before students auditing the course.

Students who wish to change from credit to audit status after registration has been completed must submit a written request to the Registrar's Office.

VETERAN/STUDENTS

It is the individual responsibility of the veteran/student to report immediately to the Office of Veterans Affairs any changes in class status (withdrawals, added classes, etc.) or in his or her dependents (marriage, divorce, births, deaths) which will affect the amount of benefits. To be



certified for benefits each term, all veteran/students must report to the Office of Veterans Affairs.

Registration Procedures

Specific information regarding the dates and times of registration will be published in the schedule of classes for the semester or session that a student plans to attend. Generally, the schedule of classes bulletin will be available from the Office of Admissions and Records two months prior to the beginning of the semester or summer session.

LATE REGISTRATION FEE

A fee of \$10 is charged any student who registers after the first day of classes for any semester or term.

STUDENT ACTIVITY FEE

A student activity fee of \$12 per semester for a full-time student and \$6 per semester for a part-time student will be part of the student's bill. This fee supports such activities as films, art exhibits, dances, and visiting lecturers.

TRANSCRIPTS

Official transcripts of a student's academic record will be issued at his

or her written request and sent to other educational institutions or prospective employers. A fee of \$1 will be charged at the time of the request. Telephone requests for transcripts cannot be honored by the university. Requests should be made in person or by mail to the Registrar's Office.

RIGHT TO REVIEW FILES

Students at Sangamon State University have the right to inspect and review their official university records, to request corrections or deletions, and to limit access to such records by other persons in accordance with the Family Educational Rights and Privacy Act of 1974.

Graduation Procedure

GRADUATION CONTRACT

The graduation ceremony for the awarding of the Bachelor of Arts and Master of Arts degrees is held once a year, at the end of the Spring Semester. However, a student may file a Graduation Contract during any semester or summer session in which the student feels he or she will complete the degree requirements.

The contract must be approved by the student's adviser, the program chairman, and the appropriate dean. The student should have sufficient time so that the contract reaches the Registrar's Office not later than the end of the eighth week of classes during a semester or the end of the fourth week of classes during a summer session. Students may submit Graduation Contracts for early evaluation during the semester or term prior to their graduation.

Contracts are available in the Registrar's Office.

GRADUATION REPORT

Every candidate for the bachelor's or the master's degree is expected to demonstrate, through the submission of a Graduation Report, an appropriate level of scholarly competence as well as skills required to produce clear, readable reporting documents. The Graduation Report must be submitted to the student's adviser 30 days before the end of the semester in which the student plans to graduate.

CONSTITUTION REQUIREMENT

The Illinois School Code (Sec. 27-3) requires all students graduating from public institutions in Illinois to pass an examination on basic principles, documents, and practices of the governments of the United States and state of Illinois. Successful completion of certain courses at SSU or other institutions may be approved in lieu of a specific examination. This requirement need be satisfied only once at the collegiate level.



**Student
Financial Aid**

Student Financial Aid

The Office of Financial Aid at Sangamon State University coordinates federal, state, institutional, and private financial aid programs. Assistance is available in the form of grants, tuition waivers, scholarships, loans, part-time employment, and veterans benefits.

Application procedures for non-need-based programs are indicated in the descriptions of the individual programs. Procedures for applying for need-based programs are in the section following those descriptions.

Non-Need-Based Programs

STATE VETERANS SCHOLARSHIPS

These awards exempt the holders from the payment of tuition and admission, graduation, and activity fees. They are available to Illinois veterans who have served at least one year of active duty in the armed forces, were legal residents of the state of Illinois when they entered military service, were honorably discharged, and after leaving the service returned to Illinois within six months. (*Special Note:* Illinois veterans who served prior to Aug. 11, 1967, need not meet the requirement for one full year of active duty.)

An application for a Military Waiver should be requested from the Office of Financial Aid, completed in full, notarized, and submitted along with a copy of the veteran's DD-214. Illinois veterans may also be eligible for federal assistance and are encouraged to contact the Office of Financial Aid prior to registration.

VETERANS BENEFITS

A veteran of at least 181 days of continuous active duty, any part of which occurred after Jan. 31, 1955, is entitled to veterans benefits. Eligible veterans are entitled to educational assistance for a period of one and a half months or the equivalent in part-time training for each month or fraction thereof of their service on active duty after Jan. 31, 1955, but not to exceed 45 months. A veteran's eligibility ceases 10 years from the release date or May 31, 1976, whichever is later. Veterans are encouraged to contact the Office of Financial Aid prior to registration.

LAW ENFORCEMENT EDUCATIONAL PROGRAM

LEEP GRANTS. In-service employees of police, courts, and corrections agencies enrolled in courses related to law enforcement can receive up to \$400 per semester, not to exceed the cost of tuition, fees, and books. Grant recipients must agree to remain for a period of two consecutive years in the service of a law enforcement agency following completion of their courses.

LEEP LOANS. Pre-service students enrolled full time (12 credit hours) in degree programs can receive up to \$400 per semester, not to exceed the cost of tuition, fees, and books, *if they have received a LEEP award previously.*

Applications for the LEEP program are available in the Office of Financial Aid and must be submitted prior to registration.

STATE TEACHER EDUCATION WAIVERS

A student who currently holds a State Teacher Education Waiver may transfer the award to Sangamon State. To facilitate the transfer, the Office of Financial Aid should be notified in writing prior to registration. The award exempts the holder from the payment of tuition and admission, graduation, and activity fees. Waivers granted after Oct. 10, 1969, carry an obligation to teach in Illinois two of the five years following graduation, or the amounts waived must be repaid to the state of Illinois at the rate of 5-percent interest.

A limited number of new waivers are granted to students pursuing careers in special education. Students who ranked scholastically in the upper half of their high-school graduating classes and/or persons who hold valid teaching certificates are eligible to apply. Application for Special Teacher Education Waivers may be made to the local educational service region superintendent or to the state superintendent of education.

GENERAL ASSEMBLY WAIVERS

These awards exempt the holders from the payment of tuition and admission, graduation, and activity fees. Members of the General Assembly may nominate two persons annually from their districts. Interested students should contact their district members of the General Assembly.

FRANKLIN LIFE INSURANCE COMPANY SCHOLARSHIP PROGRAM

This program was established expressly for use at Sangamon State University. Its purpose is to provide assistance to full-time undergraduate students who are children of Franklin Life home office employees. Applications may be obtained from the personnel director of Franklin Life Insurance Company.

WILLIAM H. CHAMBERLAIN SCHOLARSHIP PROGRAM

This program, established in memory of Judge William H. Chamberlain, was created to assist outstanding community college graduates who wish to pursue their academic careers at Sangamon State University. Each award includes a stipend of \$200 per year and a waiver of tuition. Application materials should be requested from the Office of Financial Aid. Preferences are given to students with financial need.

SANGAMON COUNTY DEPUTY SHERIFFS SCHOLARSHIPS

This program was established by the Sangamon County Deputy

Sheriffs Association to provide scholarships to attract high-caliber individuals into the law enforcement profession. Preference is given to Sangamon County residents. Application materials should be requested from the Office of Financial Aid.

FACULTY UNION SCHOLARSHIP PROGRAM

This program was established by the Sangamon State University Faculty Union to provide scholarship assistance to full-time students attending SSU. Each scholarship award is for \$250 annually. Application materials should be requested from the Office of Financial Aid.

BRUCE A. MAGIDSOHN MEMORIAL SCHOLARSHIP

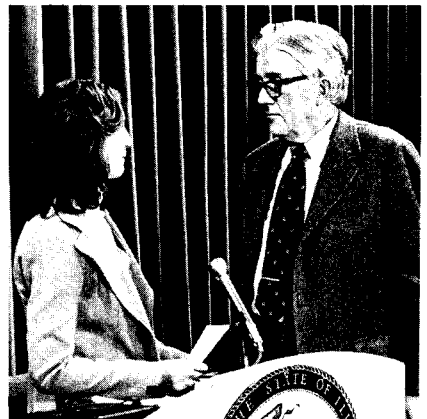
This scholarship, established in memory of the late Prof. Bruce A. Magidsohn, is awarded annually to an undergraduate student majoring in art at Sangamon State University. The award, which pays full tuition costs for one year and is nonrenewable, is made on the basis of demonstrated ability and promise as an artist. Applicants may be asked to submit samples of their work. Application materials should be requested from the Office of Financial Aid.

PUBLIC AFFAIRS REPORTING SCHOLARSHIPS

Two scholarship programs have been created to assist students pursuing careers in public affairs reporting.

JAMES E. ARMSTRONG SCHOLARSHIP PROGRAM. This program was established in memory of the late James E. Armstrong, publisher of the *State Journal-Register*, Springfield.

ROBERT P. HOWARD SCHOLARSHIP PROGRAM. This program



was established by friends of Robert P. Howard, retired Capitol correspondent for the *Chicago Tribune*.

Interested students should contact the director of the Public Affairs Reporting Program.

THE ALUMNI ASSOCIATION COMMUNITY COLLEGE SCHOLARSHIP

Established by the Sangamon State University Alumni Association, this program provides a scholarship to a full-time student who is a graduate of an Illinois community or junior college and who has demonstrated superior academic ability. The amount of the award is \$100 annually. Application materials should be requested from the Alumni Office.

ILLINOIS GUARANTEED LOAN PROGRAM

This program provides loans in amounts up to \$2500 per year at a rate of 7-percent simple interest. In cases where the loan request is for \$2000 or less and the student's adjusted family gross income is less than \$15,000, the federal government will pay the interest on the loan while the student is in school and for nine months after graduation or termination of attendance. If students can prove financial need, federal interest benefits may be provided for loans in excess of \$2000 or for students with adjusted family gross incomes of more than \$15,000. In these cases students must file the ACT Family Financial Statement. Loan applications may be obtained in the Office of Financial Aid.

EMPLOYMENT OPPORTUNITIES

A job center is located just outside the Office of Financial Aid. Job books listing openings both on and off campus are maintained for interested students to review.

GRADUATE PUBLIC SERVICE INTERNSHIP PROGRAM

The GPSI Program is designed to select high-caliber undergraduates and prepare them for careers in state government. A screening committee examines applications annually and candidates selected are considered by sponsoring agencies of government. Candidates finally chosen by the university *and* cooperating agencies are enrolled in a two-year master's degree program and work 20 hours per week in their sponsoring agencies. The intern receives a monthly stipend of \$350, and tuition is paid by the program. Applications can be obtained from the director of the Graduate Public Service Internship Program, Sangamon State University. Applications can be received at any time, but selection and placement are done during the spring and summer for assignments that begin each September.

GRADUATE ASSISTANTSHIPS

General graduate assistantships provide stipends of approximately \$2700 for nine months, and tuition is waived during the period of appointment. The assignments are designed to provide educational experiences related to the students' fields of study in any of the teaching or public affairs programs of the university. The graduate assistant is expected to work 20 hours per week and may enroll in up to 10 semester hours of course work. Applications should be directed to the dean of academic

programs. Faculty in any teaching program or public affairs center of interest may be contacted for specific information about opportunities.

ILLINOIS LEGISLATIVE STAFF INTERNSHIP PROGRAM

This statutory program is coordinated for the Illinois Legislative Council by the Illinois Legislative Studies Center. It offers 18 nine-and-a-half-months fellowships for outstanding graduate students drawn from throughout Illinois and, occasionally, from other states. Of the interns, 16 are assigned to the partisan leadership staffs of the Illinois General Assembly; one, from a science or engineering discipline, to the Science Research Unit of the Legislative Council; and one to the Commission on Intergovernmental Cooperation. In addition to the staff internship assignment, graduate students accepted for this program participate in a required seminar which continues through the academic year and carries eight semester hours of credit. Applications are available through the Illinois Legislative Studies Center and must be filed by March 1 for consideration for the following academic year.

Need-Based Programs

ILLINOIS STATE SCHOLARSHIP COMMISSION GRANT

Monetary awards in the form of grants are made to eligible full-time (12 credit hours) and undergraduate students in amounts up to full tuition and some fees.

Application must be made directly to the State Scholarship Commission. Sept. 1 is the commission deadline for applications. All undergraduate Illinois residents applying for financial aid are required to apply.

BASIC OPPORTUNITY GRANTS (BOG)

These are nonrepayable gifts to undergraduates with financial need. Applications must be made directly to the Basic Grants Program. Forms are available from the Office of Financial Aid.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS

These are nonrepayable gifts to undergraduate students with exceptional financial need. Supplemental Educational Opportunity Grants can amount to one half of the student's actual need up to a maximum of \$1500 per year. The other half of the actual need must be met with matching aid from other programs or the grant may not be received.

NATIONAL DIRECT STUDENT LOANS

This program provides loans for undergraduate and graduate students who have proven financial need. Interest of 3 percent and repayment begins

nine months after the student graduates or terminates attendance. Some recipients may have up to 10 years to repay the loan. In some cases cancellation privileges exist for teaching and for service in the armed forces.

COLLEGE WORK-STUDY

This program provides resources to employ undergraduate and graduate students who have proven financial need. The student is provided with a CWS authorization and paid by check for work performed. Once an authorization is received it is the student's responsibility to interview for CWS assignments until a suitable position is found.

INSTITUTIONAL TUITION WAIVERS

A limited number of tuition waivers are provided each year. Awards are made on the basis of proven financial need and in some cases for particular talents in various fields of activity. Foreign students are eligible to apply.

INSTITUTIONAL GRANTS

The *UNIVERSITY GRANT PROGRAM* is funded with student activity fee monies and the *STUDENT-TO-STUDENT GRANT* program is funded with voluntary student contributions and matching state aid. Both funds provide monetary grants to financially needy undergraduate students.

THE AMERICAN ASSOCIATION OF UNIVERSITY WOMEN GRANT FUND

This fund provides financial assistance for mature women returning to complete an interrupted education. Undergraduate and graduate students are eligible to apply.

LILLY FOUNDATION GRANTS

This program is designed to assist financially disadvantaged undergraduate students who perform applied study assignments without pay in governmental and various public and private not-for-profit agencies.

ALUMNI ASSOCIATION SCHOLARSHIPS

This program was established by the Sangamon State University Alumni Association to provide scholarships to full-time students with academic ability and financial need.

ZONTA GRANTS

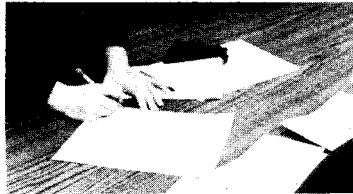
This program was established by the Zonta Club of Springfield to provide grants to students planning to work with the aged. Preference is given to full-time students with financial need.

UNIVERSITY COMMUNITY EMERGENCY LOAN FUND

This fund provides short-term loans to students enrolled full time, to help them meet emergency educational expenses. Loans are interest-free. However, a service fee of 50 cents is charged at the time the loan is repaid.

This fund was established during the university's inaugural year through the cooperative efforts and combined contributions of the following Springfield banks and savings and loan associations:

Bank of Springfield
Capitol Bank and Trust Company
First National Bank
First State Bank of Springfield
Illinois National Bank
Land of Lincoln Bank
Peoples National Bank
Springfield Marine Bank
Town and Country Bank
American Savings and Loan Association
Citizens Savings and Loan Association
First Federal Savings and Loan Association
Sangamon Home Savings Association
Security Federal Savings and Loan Association
United Savings and Loan Association



Application Procedures for Need-Based Programs

To apply for consideration for need-based programs, the student should request the following from the Office of Financial Aid.

1. *An Application for Financial Aid.* This should be submitted to the Office of Financial Aid before July 1 of each year. Applications are processed on the basis of date received, student eligibility, and availability of funds. Applications are not considered until the student is admitted to the university and the appropriate statement is on file.
2. *The ACT Family Financial Statement.* The *Parent's Confidential Statement* will be accepted, but ACT is preferred.
3. Undergraduate students should also apply for the *Basic Educational Opportunity Grant* and submit their processed Eligibility Report to the Office of Financial Aid.

4. Undergraduate residents of Illinois must complete the *Illinois State Scholarship Commission Monetary Award* application.
5. Independent students must also submit the *Notarized Statement of Parental Nonsupport* certifying that the student:
 - a. Has not been and will not be claimed as an exemption for federal income tax purposes by any person except his or her spouse for the calendar year(s) in which aid is received and the calendar year prior to the academic year for which aid is requested.
 - b. Has not received and will not receive financial assistance of more than \$600 from his or her parent(s) in the calendar year(s) in which aid is received and the calendar year prior to the academic year for which aid is requested.
 - c. Has not lived or will not live for more than two consecutive weeks in the home of a parent during the calendar year in which aid is received and the calendar year prior to the academic year for which aid is requested.
6. *Transfer Information.* All aid applicants must submit a Transfer Information Form to each school previously attended for verification of aid previously received.

CRITICAL DATES AFFECTING AID

Applicants for need-based assistance should be aware of the following dates.

- May 1, 1977 — Application for Fall Semester aid should be initiated to assure consideration for all forms of aid.
- July 1, 1977 — The first Fall Semester awards will be announced.
- Aug. 1, 1977 — Applications should be *complete* (including results of needs and analyses) to assure consideration for all forms of aid for Fall Semester.
- Sept. 1, 1977 — Only applications for Basic Grant, loans, and employment will now be accepted for Fall Semester. Students may still apply for Spring Semester.
- Jan. 10, 1978 — Only applications for Basic Grant, loans, or employment will be accepted for Spring Semester.

AID RENEWAL/SATISFACTORY PROGRESS

Students awarded federal and institutional financial aid must maintain satisfactory progress — i.e., must register and receive credit for a minimum of 12 hours per semester.

Inquiries regarding all financial aid programs should be directed to:
 The Office of Financial Aid
 Sangamon State University
 Springfield, Ill. 62708
 Telephone: (217) 786-6724





University Life

Student Services

Student campus life at a university involves much more than academic programs and class schedules. Students are also concerned with the convenience of getting to classes, parking, personal health needs, someone with whom to talk over plans or problems, and opportunities for recreational and cultural activities.

Sangamon State provides a variety of services to help make students' lives more interesting and comfortable — from organizations, student activities, personal counseling, and health services to a day-care center for children and an office of veterans affairs. All students, both full-time and part-time, have access to these services and activities.

UNIVERSITY DAY-CARE CENTER

The Day-Care Center is operated on the Main Campus by the university for the benefit of students and their children. The center is open



from 7:30 a.m. to 5:15 p.m. at a rate of 70 cents per hour, Monday through Friday. A varied program appealing to the preschool child is offered by the center.

I.D. CARDS

Each student is issued a photo-identification card at registration. The card is required to check materials and equipment out of the Library and may be requested for identification purposes at university-sponsored events. Lost cards may be replaced by contacting the Office of the Dean of Students.

HOUSING

The university leases and manages two apartment buildings providing

Sangamon State students with housing as well as with opportunities for social and peer relationships.

Students are free to find their own housing if they choose to do so. The Office of the Dean of Students maintains an up-to-date list of space available in the co-op buildings as well as other apartments, rooms, houses, and mobile homes in the Springfield area. The office is prepared to aid students in their search for suitable lodgings as well as to offer assistance in other housing-related matters. All Housing Office listings are accepted with the understanding that the facility is open to persons of all races and religions.

PEER COUNSELORS

“Sometimes it’s easier to ask another student” is the motto of the student peer counseling team. Peer counselors assist their fellow students with information about the university; act as advocates and student ombudspersons; and offer assistance in matters of personal, social, and academic concern. They can be contacted through the Office of the Dean of Students.

TRANSPORTATION

The Springfield Mass Transit District provides bus transportation to the central city from almost all outlying areas. Connecting service is available to a point near SSU.

A shuttle van provides transportation for students from this stop to the campus. Shuttle schedules are available at the Office of the Dean of Students, in Building E, Room 16.

USE OF VEHICLES

Students wishing to use Sangamon State parking lots at either campus must purchase parking decals from the bursar at the beginning of each semester. All state and community laws with respect to the operation of motor vehicles are applicable on campus. Maximum speed limits on campus are 20 miles per hour, with a limit of 15 miles per hour in posted pedestrian crossing areas. Restricted parking areas are posted. Dates for purchase and display of stickers are distributed at registration.

STUDENT HEALTH SERVICE

The Student Health Service performs, without charge, most of the services which would be provided by a family physician. These services are available to all students, including part-time students and those who have signed insurance waivers.

The Health Service Office is located on the Main Campus in Building C, Room 139. It is open from 8:30 a.m. until 5 p.m., Monday through Friday, staffed by a full-time Registered Nurse and a student helper. In addition, a physician maintains scheduled office hours on the Main Campus and a psychiatrist is available by appointment through the Health Service Office. All care is completely confidential.



Limited laboratory testing, shots, and immunizations are available to students at nominal cost. Brochures regarding a variety of medical problems are available in the Health Service Office and on racks throughout the campus.

Each student, on admission to Sangamon State, must complete a Medical History Form and submit it to the Health Service Office. Information contained in the record is completely confidential.

The Health Service staff includes: Dr. Douglas M. Gover, consulting physician; Dr. Lynn Cunningham, consulting psychiatrist; and Lynne Price, R.N.

STUDENT HEALTH INSURANCE

By action of the Board of Regents, each full-time student is assessed a fee for group health and accident insurance, unless the student shows proof of equivalent coverage. SSU-insured students are also eligible to purchase identical coverage for their dependents. Students insured during the Spring Semester who do not intend to enroll full-time in the summer may continue coverage for themselves and their dependents for the summer by making application and paying the required premium prior to the last day of the Spring Semester.

AFFIRMATIVE ACTION

Sangamon State University's Equal Opportunity and Affirmative Action Program is a statement of the university's commitment to increasing the proportion of women and minority employees at all levels, and a plan for achieving this commitment by identifying problem areas and setting specific goals and timetables which the university will make every legitimate effort to reach or exceed.

The university's policy is not simply one of avoiding discrimination but one of actively seeking women and minority candidates for all positions at all levels within the institution.

In addition, it is a policy of the university to provide equal educational opportunity for all students and applicants for admission. This commitment

is demonstrated through the administration of admissions policies and the continuous evaluation of curriculum and course offerings. The university's counseling services are available to all students on a nondiscriminatory basis and have each student's interest and welfare as the major concern. Housing assistance, extra-curricular activities, and student life programs reflect Sangamon State's affirmative implementation of equal educational policies.

It is also a policy of the university to assure nondiscriminatory and affirmative hiring practices on the part of contractors, vendors, and suppliers with whom it does business and to encourage the utilization of minority firms within its purchasing activities.

The Affirmative Action Program consists of those sets of procedures, developed in accordance with state and federal regulations, monitored by our affirmative action and contract compliance officers, and aimed at strengthening the philosophy to which Sangamon State University is committed.

BOOK STORE

The Lakeside Book Shop, located in Building F, is operated by the Nebraska Book Company as a service to the campus community. The Book Shop is primarily responsible for providing textbooks and supplies required in the classroom. In addition, the shop also maintains a complete tradebook department and stocks special items of general interest.

FOOD SERVICE

The university Cafeteria, located in the west end of the Student Services Building, is open to serve three meals daily to the campus community Monday through Thursday, with breakfast and lunch served on Friday. The Cafeteria has a hot-food line, a separate salad and dessert counter, and self-service beverage dispensers, offering a wide variety of selections. Also located in the Cafeteria are several vending machines which can be utilized during the hours that the manual service is closed.

The present Cafeteria reflects the work of a Special Food Service Task Force comprising representatives from the university's student, faculty, and staff constituencies. This task force surveyed the needs and desires of the university community and recommended the type of food service to best meet those needs.

The present Cafeteria will be the primary food service facility only until completion of the Public Affairs Center. That building, now under construction, will include a cafeteria, a restaurant, and a snack bar.

PUBLIC SAFETY DEPARTMENT

The Public Safety Department is located in Building C, Room 133. Its main function is the safety and security of the university community. The department is also charged with enforcement of university rules and regulations, including those relating to traffic control and parking.

The department investigates thefts and reports of stolen or lost items

and handles general complaints. It is open every day, 24 hours a day. Department personnel will assist students, faculty, and staff in any way possible.

CHECK CASHING SERVICE

Students with I.D. cards or other satisfactory identification may cash personal checks in amounts to \$25 at the Bursar's Office in Building B, Room 105. This office also has American Express money orders, First National City Bank of New York travelers checks, postage stamps for sale, and a free Notary Public service.

COMPUTER SERVICE

Students and faculty members may use the University Computing Laboratory for instructional and research activities. The Computing Lab in Building J, Rooms 127 and 123, is generally open on weekdays and evenings and on Saturday mornings. It contains stand-alone computer capability and remote job-entry capability with six interactive terminals tied to academic programs offered by the Mid-Illinois Computer Cooperative and four terminals tied to the PLATO computerized instructional program operated by the University of Illinois. Unlike large universities where computer operations are done by faculty or other attendants, at Sangamon State the students operate the computer and peripheral equipment and thus gain valuable learning experience.

OFFICE OF VETERANS AFFAIRS

The Office of Veterans Affairs has been established at Sangamon State University to help with the many special problems which the veteran has when he or she is in contact with the university. All veterans are urged to contact this office when initially contacting the university as well as while they are in attendance. Should any question arise concerning the "GI Bill of Rights" or the Illinois Veterans Scholarship, the veteran should contact the Office of Veterans Affairs. Also, veterans who have any questions concerning academic problems or admissions and records matters, or need assistance, should call the OVA at 786-6626, or toll free at (800) 252-8533. The Office of Veterans Affairs should also be contacted for the following services.

Serviceman's Opportunity College. This is a new program established by the Department of Defense to improve postsecondary educational opportunity for men and women in the Armed Services. Sangamon State University has now officially established the program at the junior, senior, and graduate levels of education.

Project "Ahead." Established through the Armed Services to help those who wish to continue their education while serving in the military services, this program assists the serviceman working toward an educational goal when he or she cannot attend Sangamon State University, but plans to attend after release from active duty.

Office of Advising and Counseling

The director of advising and counseling is responsible for five areas of educational support: academic advising, career counseling and placement, Learning Center, Minority Services Center, and personal counseling services. Referrals to any of these services can be made through the Office of Advising and Counseling.

ACADEMIC ADVISING

During the first term at the university, each student is responsible for selecting a faculty adviser from her or his academic program or area of concentration. The adviser works with the student to assure that she or he is progressing satisfactorily towards graduation and personal and career goals. A form indicating each student's declaration of area of concentration (major) and selection of adviser is completed by the adviser and the student after they have reached agreement to form an advising relationship.

All students registering for the first time must have a signed form showing that they have received initial academic advising prior to their first registration for classes. This card may be obtained from the coordinator or director of the academic program, any faculty member within the chosen area of concentration, or from the director of advising and counseling.

Students needing academic advising and/or information on graduation requirements should contact the Office of Advising and Counseling.

CAREER COUNSELING AND VOCATIONAL TESTING

Assistance in career planning is available to all students. Workshops, seminars, and individual counseling sessions help students to focus on the important decisions which should be made in determining career direction. These include skill identification, preferred environments, value clarification, goal setting, and effective self-marketing.

A battery of vocational tests is available to assist clients with their



self-assessment. There is no charge to students for the tests and follow-up interpretations. Further information on these services can be obtained by contacting the Office of Career Services and Placement.

PLACEMENT

Placement should be the final step in moving from the role of student to the beginning of a career. The Office of Career Services and Placement coordinates information on available positions. Employers engaged in business, government, education, and social service, whenever possible, arrange for on-campus interviews for graduating students. Assistance is given for preparation of placement credentials and resumes. Information on professional and graduate schools is available.

In a highly competitive labor market it is important that career planning be a continuous part of the academic program. Career seminars are offered to help students prepare for career placement. The undergraduate student's Applied Study Term may also be a valuable career planning experience.

THE LEARNING CENTER

While emphasizing individualized assistance in academic matters such as improving written assignments, math, and reading, the Learning Center responds helpfully to other student problems. Support and assistance are given to students who need improved study habits, ideas and techniques for term papers, help with properly completing forms and resumes or in proofreading, and attention to concerns of a miscellaneous nature.

For students' convenience, the office is open from 9 a.m. to 9 p.m. Monday through Thursday and 9 a.m. to 4 p.m. on Friday. Appointments are not necessary, but special times can be arranged if the regular hours do not meet students' needs.

MINORITY SERVICES

Services offered to minority students are intended to assist them in adjusting to all aspects of the university and the local community. This is accomplished by the efforts of several minority faculty and staff who are familiar with the local community and problems of students.

The intent of minority services is to work collaboratively with other units of the university in meeting the educational needs of minority students. The goal is to provide service in the areas of recruitment and admission, financial aid, and counseling — both personal and academic.

More information about the services available to minority persons and referrals to appropriate staff can be arranged through the Office of Advising and Counseling.

PERSONAL COUNSELING SERVICES

The counseling service provides psychological services for students, staff, faculty, and families. The staff members are selected for their

competency in counseling. Their special skills and training enable the university to offer a wide range of therapeutic techniques of both individual and group nature. A person seeking the services of a member of the counseling staff may make direct contact with the counseling faculty or may contact the Office of Advising and Counseling for referral and/or appointment.

Student Life

SPORTS AND OUTDOOR RECREATION

A wide range of recreation and sports activities for students and their families is planned and provided by the College and University Area YMCA. The University YMCA, with an office on SSU's Main Campus, was formed in August, 1973, as a joint project of Sangamon State University and the Springfield YMCA. Programs are also available to students and families of nearby Lincoln Land Community College, residents of the southeast part of Springfield, and faculties and staff and their families of both SSU and LLCC.

Fall programs include canoe trips, flag football and soccer leagues for both children and adults, tennis, table tennis tournaments, instruction in karate, yoga, belly dancing, Tai Chi, swimming, and road races.

During the winter, programs include ski trips, an intramural basketball league, ice skating and roller skating parties, and bowling.





Spring brings sailing at the Y camp, a golf tournament, canoe trips, beach volleyball, road races, softball, and tennis. SSU has four tennis courts on which the University Y offers tennis lessons, spring through fall.

Most successful of the Y programs has been the College and University Night at the downtown YMCA, held on Sunday evenings for the Sangamon State community and families. Activities include volleyball, basketball, paddleball, handball, swimming, use of the exercise room and running track, and gymnastics. SSU students and families also have use of the YMCA pool and gym on Tuesday nights.

Students interested in chess or bridge have an opportunity to join clubs, established under the auspices of the University YMCA. An International Club for students and community members provides an exchange of cultures, mutual understanding, and awareness of other cultures. The club sponsors an International Bazaar featuring foods, costumes, and crafts of many countries.

The university has six soccer fields, two flag football fields, three baseball diamonds, one outdoor basketball court, four tennis courts, two grass volleyball courts, an outdoor ice-skating area, and a nature trail. Nearby Lake Springfield has two public beaches, fishing facilities, public boat launching docks, park and picnic areas, and a Children's Zoo. The Abraham Lincoln Memorial Garden located on the lake shore features nature trails winding through 60 acres planted with trees, shrubs, and flowers native to the Midwest of Lincoln's time. One public golf course is located at the lake, with three others in the city.

VETERANS CLUB

Sangamon State University has a Veterans Club, established as both a social and service organization. Membership is open to all students, faculty, and staff. Service in the armed forces is not a prerequisite of membership. The club is dedicated to constructive service functions, social activities, athletic events, and mutual assistance to promote students' common welfare and lasting friendship. Further, the club's purpose is to institute an atmosphere conducive to the creation and molding of character and leadership, intellectual curiosity, academic proficiency, and mature responsibility.

MUSIC, ARTS, DRAMA

Both Sangamon State University and Lincoln Land Community College, as well as the community, offer a variety of cultural attractions. Throughout the year, the drama, dance, and music faculties present major productions, most of which are also open to the public. Folk and rock musical groups are scheduled frequently and appear at SSU's Main Campus Cafeteria; downtown at the student coffehouse, Rudolph's Bean (located close to the Capital Campus); or at LLCC's Campus Center. A film series, supported by SSU student activity fees, brings contemporary and classic films to campus. Sangamon State and Lincoln Land student I.D. cards can be used for activities offered by either institution free or at reduced rates. Both SSU and LLCC bring outstanding artists to the area through their concert series.

Concerts are given throughout the year by the Springfield Symphony Orchestra, Municipal Choir, and Municipal Band. There is a summer outdoor Municipal Opera and a Carillon Festival. Visiting professional symphony orchestras, soloists, and dance groups are presented during the year by the Community Concert Association.

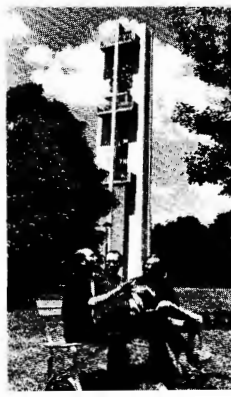
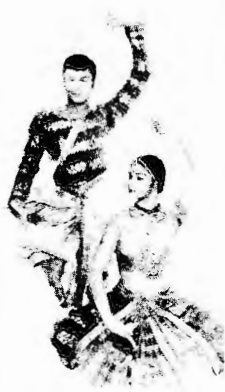
Both indoor and outdoor student art exhibits are held on the campuses. The city's interest in the visual arts is expressed through the Springfield Art Association, the Illinois State Museum Art Gallery, and an annual Old Capitol Art Fair.

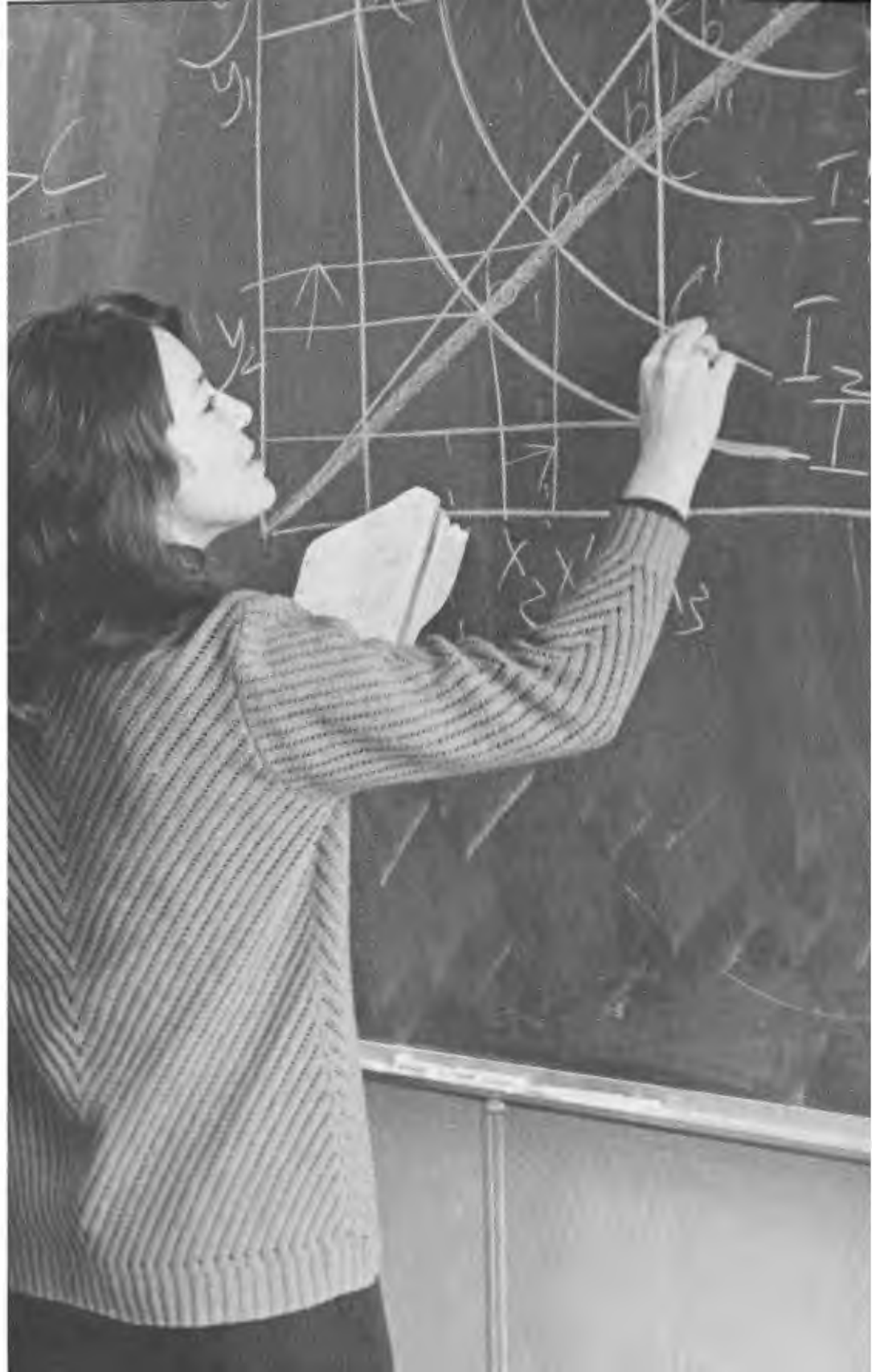
The Springfield Theatre Guild, a community theatre group, has a regular season of productions which include at least one children's play. The Springfield Ballet Company presents the "Nutcracker Suite" each Christmas, as well as several more innovative works.

There is a newly formed City Arts Commission and a Community Arts Council called Springboard which does some programming of cultural events.

LECTURES

Sangamon State is bringing an increasing number of public figures of note to the campus and to the community as well. During the past year figures prominent in the scientific world, outstanding journalists, social scientists, critics, consumer advocates, and political leaders have been brought to Springfield by the university for students and area residents to hear.







**Academic
Programs / Course
Descriptions**

Accountancy

B.A.
(60 Hrs.)

PROGRAM FACULTY — Francis L. Bayley, Zachariah Mathew, Bernard R. Sered, Donald F. Stanhope.

The over-all goal of the Accountancy Program is to prepare students for careers in public accounting, industry, and government. Consistent with this goal, the primary objectives of the program are to impart awareness and understanding of the professional accountant's social responsibilities and obligations; to emphasize conceptual knowledge and the development of analytical and problem-solving skills; to develop basic technical competencies in each of the four major areas of accounting — financial, managerial, auditing, and taxation; and to provide students with the educational qualifications for becoming Certified Public Accountants or Certified Management Accountants.

RECOMMENDED ENTRANCE COMPETENCIES

A knowledge of the principles of accounting, college algebra, and calculus is required for admission into the program. Previous course work, or its equivalent, in the following subjects is also recommended for admission into the Accountancy Program: principles of economics, descriptive statistics, and computer programming. Deficiencies in any of these topics can be made up at SSU by taking the following courses, as appropriate:

ECO 415 Economics for Administration
MSU 401 Applied Statistics I
MSU 414 Computer Fundamentals and Programming I
or
ADB 409 Computer Fundamentals for Administration

Credits earned in these courses may be used as free electives, but may not be counted toward the satisfaction of any program requirements.

PROGRAM REQUIREMENTS

In addition to satisfying university requirements, students selecting the Accountancy Program must complete the following 36-semester-hour program of study.

Accounting Core	20 hours
Quantitative Methods and Computer Science Topics	8 hours
Economics and Administration Topics	8 hours

ACCOUNTING CORE

All students in the program are required to take the following courses

to assure basic technical competencies in each of the four major areas of accounting:

ACC 321	Intermediate Financial Accounting Problems	4 hours
ACC 323	Advanced Financial Accounting Problems . . .	4 hours
ACC 333	Cost Analysis and Control	4 hours
ACC 443	Individual Income Taxation	4 hours
ACC 464	Auditing Concepts and Responsibilities . . .	4 hours

ACCOUNTING ELECTIVES

Available accounting electives include the following:

ACC 424	Commercial Law	4 hours
ACC 433	Profit Planning and Budgeting	4 hours
ACC 444	Business Income Taxation	4 hours
ACC 454	Accounting for Public Sector Entities	4 hours
ACC 474	Financial Accounting Theory and Public Reporting Standards	4 hours
ACC 484	CPA Problems	4 hours

These courses enable students to study in greater depth those aspects of accounting which are of particular interest to them, or which are specifically relevant to their career objectives. For example, students who plan careers in public service with federal or state accounting and auditing organizations should take ACC 454. Students who plan careers in public accounting should take ACC 474 and ACC 484.

QUANTITATIVE METHODS AND COMPUTER SCIENCE TOPICS

Accounting information systems in all but the smallest organizations are now computer based. The measurement and analysis of accounting data are increasingly characterized by the use of statistical methods. Building upon the program entrance requirements, students are required to take eight additional credits in quantitative methods and computer science. Examples of courses which may be taken to satisfy this requirement include:

ADB 407	Quantitative Analysis
ADB 408	Research Analysis
ADP 406	Management Information Systems
ADP 442	Operations Research for Managerial Decisions
MSU 402	Applied Statistics II
MSU 406	Sampling for Accounting and Auditing
MSU 415	Computer Fundamentals and Programming II
MSU 421	Matrices: A Mathematical Tool
MSY 453	Computer Architecture
MSY 454	Information Structures
MAN 459	Seminar in Management Science

This requirement provides students with the conceptual knowledge necessary for effective communication with operations research and systems specialists, assimilation of applications in the literature of accounting, and participation in the development of computer-based accounting information systems.

ECONOMICS AND ADMINISTRATION TOPICS

Careers in accounting — whether in public service with federal or state accounting and auditing organizations, with public accounting firms, or in industry — require extensive interaction with governmental and business organizations. Because of this, a minimum of eight hours of upper-division work in economics and administration topics are required. Since most students in the program will have taken a number of credits of lower-division work in these areas, specific courses are not required. Rather, the courses taken should be selected to complement each student's previously acquired knowledge and career interests.

Examples of courses which may be taken to satisfy this requirement include:

- ADB 502 Managerial Finance
- ADB 512 Marketing Management
- ADB 522 Production and Operations Management
- ADB 523 Production Planning and Control
- ADB 524 Operations Analysis
- ADB 401 Organizational Dynamics
- ADB 452 Labor-Management Relations
- ADB 551 Human Resource Management
- ADP 431 Public Budgeting
- ADP 542 Public Agency Program Evaluation
- ECO 401 Intermediate Microeconomics
- ECO 402 Intermediate Macroeconomics
- ECO 435 Money and Banking
- ECO 456 Public Finance
- ECO 461 Industrial Organization

ACCOUNTANCY/Course Descriptions

*CORE COURSES***ACC 321 INTERMEDIATE FINANCIAL ACCOUNTING PROBLEMS (4 Hrs.)**

Development and applications as related to financial statements, assets, liabilities, owners' equity, and measurement of income. Special topics include earnings per share, Accounting Changes, and Statement of Changes in Financial Position. Prerequisite: principles of accounting or equivalent.

ACC 323 ADVANCE FINANCIAL ACCOUNTING PROBLEMS (4 Hrs.)

Application of accounting concepts and principles to a variety of business problems and forms of business organizations, including partnerships and their formation, operation, and dissolution; business combinations and reorganizations; intercorporate investments and consolidations; actuarial science. Prerequisite: ACC 321.

ACC 333 COST ANALYSIS AND CONTROL (4 Hrs.)

Cost measurement and accumulation, cost behavior, cost-volume relationships, and direct vs. absorption costing. Includes flexible budgets, responsibility accounting, and standard costs. How cost analyses contribute to decision-making and planning; emphasis on capital budgeting, product mix, make or buy decisions, and incremental analysis. Prerequisite: principles of accounting or equivalent.

ACC 443 INDIVIDUAL INCOME TAXATION (4 Hrs.)

Concentration on federal tax law, use of tax research services, preparation of tax forms, and consequences of the federal tax program upon social and economic aspects of



society. Illinois income tax is considered as time permits. Prerequisite: principles of accounting or equivalent.

ACC 464 AUDITING CONCEPTS AND RESPONSIBILITIES (4 Hrs.)

Role of the attest function in society and a knowledge of the concepts and techniques underlying the audit process. Includes the historical evolution of the attest function; professional responsibilities and ethics; auditing standards; legal liabilities; the audit process, reports, and opinions. Prerequisites: ACC 323 and 333.

ELECTIVE COURSES

ACC 424 COMMERCIAL LAW (4 Hrs.)

The treatment of legal problems inherent in business transactions and their accounting and auditing implication. Emphasizes CPA examinations in law — i.e., contracts, commercial paper, and the Uniform Commercial Code. Prerequisite: principles of accounting or equivalent.

ACC 433 PROFIT PLANNING AND BUDGETING (4 Hrs.)

Systematic and formalized approaches to planning, coordination, and control functions of business management used to minimize expenses and maximize profits consistent with social and other responsibilities of management. Study of long-range and short-range profit plan including preparation of forecasted financial statements and methods of analysis. Prerequisite: ACC 421 or equivalent.

ACC 444 BUSINESS INCOME TAXATION (4 Hrs.)

Consideration of most aspects of the federal income tax program relating to sole proprietorships, partnerships, and corporations. Includes the use of tax research services and preparation of tax forms. Illinois income tax considered as time permits. Prerequisite: ACC 443 or equivalent.

ACC 454 ACCOUNTING FOR PUBLIC SECTOR ENTITIES (4 Hrs.)

Major concepts, principles, and objectives of accounting for governmental and other nonprofit entities. Management accounting information needs for planning, control, and performance evaluation, including cost-benefit analysis, cost-effectiveness studies, and program-planning-budgeting systems. Prerequisite: principles of accounting or equivalent.

ACC 474 FINANCIAL ACCOUNTING THEORY AND PUBLIC REPORTING STANDARDS (4 Hrs.)

Accounting theory underlying asset and liability valuation and income measurement; also responsibilities of the accounting profession in development of accounting principles and public reporting standards. Research studies and opinions of Accounting Principles Board and Financial Accounting Standards Board. Developments in corporate financial reporting and disclosure requirements. Prerequisite: ACC 323.

ACC 484 CPA PROBLEMS**(4 Hrs.)**

Specific emphasis on topics covered in CPA examinations in Accounting Practices I and II, building on areas covered in intermediate, advanced, and cost-accounting courses. Prerequisites: ACC 323, ACC 333, and ACC 443.

SERVICE COURSES

(Not accepted toward satisfaction of Accountancy Program requirements.)

ACC 421 ADMINISTRATIVE USES OF ACCOUNTING INFORMATION (4 Hrs.)

For students whose objectives are to develop an understanding of the uses of accounting information for planning, control, and decision-making. Emphasizes accounting processes and measurements; significance and limitations of financial statements; managerial accounting concepts and applications. See MAN 405.

ACC 427 FINANCIAL MANAGEMENT FOR ARTS ORGANIZATIONS (4 Hrs.)

Preparation and analysis of financial statements; financial planning and budgeting; cash management and control; fund accounting; accounting systems and reports; cash vs. accrual accounting; presenting financial data; financial organizations and staffing.

Administration

The Master of Arts in Administration Program comprises a cluster of graduate professional areas of study, distinguished as the Business, Education, and Public Administration arenas. The major focus of a student's work falls within one of these academic and professional arenas. Courses available in other arenas allow students to supplement course work in their arena of affiliation and thus obtain a view of the universal dimensions of organizational life and of administrative techniques in a generic perspective.

Students pursuing the M.A. in Administration must affiliate with one of the arenas of the program. Students should indicate their arena affiliation on the declaration of concentration form at the time of initial registration. Requirements for the M.A. degree are specified by each of the arenas as set forth here. Where these requirements differ from those in effect at the time a student entered the program, the earlier requirements will govern unless the student chooses to meet later requirements.

Business Administration

M.A.
(48 Hrs.)

PROGRAM FACULTY — Walter D. Braddock, William J. Crampon,
William K. Kyle, Robert Roeloffs.

The Business Administration concentration is designed to provide an understanding of the business enterprise, with an emphasis on the role and function of business operating within a societal context. The curriculum

requires the development of competence in the functional areas of business, while providing flexibility in the selection of electives in order to offer a broad education as a foundation for decision-making and a leadership role in business and society.

ENTRANCE REQUIREMENTS

In addition to the general university requirements for admission to graduate study, the Business Administration Arena requires the submission of the applicant's score on the Graduate Management Admission Test (GMAT). Arrangements for taking this test should be made at the Office of Career Services and Placement. The score is used only to aid in planning the student's program and does not affect the admission decision. Students



will be assigned an adviser at the time of admission, and should consult with the adviser before initial registration to ensure a course of study which meets both personal objectives and degree requirements. A student may choose another member of the Business Arena faculty as adviser at any time, if the new adviser agrees.

DEGREE REQUIREMENTS

The M.A. degree requires successful completion of 48 semester hours of graduate credit. Each student must meet the university requirement of four semester hours of Public Affairs Colloquia as a part of the 48 hours.

Degree requirements are as follows:

<i>Organizational Fundamentals</i>	<i>Hours</i>
ACC 421 Administrative Uses of Accounting Information	4
ADB 415 Economics for Administration	4
The above courses are to be taken at or near the beginning of Business Administration study and <i>only</i> by those students whose backgrounds do not include equivalent course work or experience.	
ADB 401 Organization Dynamics	4

ADB 407 Quantitative Analysis	2	
ADB 408 Research Analysis	2	
ADB 409 Computer Fundamentals for Administration . . .	2	
	—	10-18
<i>Functional Areas of Business</i>		
ADB 502 Managerial Finance	4	
ADB 512 Marketing Management	4	
ADB 522 Production and Operations Management	4	
	—	12
<i>External Environment</i>		
ADB 416 Economic Conditions Analysis	2	
ADB 532 Organizations and the Public Interest	2	
One course from ADB 533 through ADB 536	2	
	—	6
<i>Public Affairs</i>		
Public Affairs Colloquium Elective(s)	4	
	—	4
<i>Electives</i>		
Business Administration or business-related courses subject to approval of adviser	*	
	—	*
<i>Integrative Course</i>		
ADB 583 Business Policy (may not be waived)	4	
	—	4
		—
Total semester hours required		48

*Number of elective courses depends on student’s previous preparation.

With the adviser’s approval, appropriate electives in lieu of any required course may be taken by students who have obtained the equivalent through previous course work. Waiver of any course does *not* waive any portion of the 48-hours degree requirement.

The adviser must be selected from full-time Business Administration faculty members.

A full-time course load consists of 12 hours per semester. Registration for more than 12 hours in a semester requires adviser approval.

Required courses are offered in both the spring and fall semesters. ADB 502, 512, 522, or 583 are not offered in the summer sessions. Additional offerings are scheduled to accommodate student needs subject to faculty availability.

BUSINESS ADMINISTRATION/Course Descriptions*FUNDAMENTALS***ADB 401 ORGANIZATIONAL DYNAMICS (4 Hrs.)**

Structure and function of an organization as a sociotechnical system and of individual, group, and leadership processes and behavior within it. Historical development, leadership, decision-making, group dynamics, motivation, job satisfaction, authority, influence and power, organizational change, communications, conflict, and organization structure and design. Not open to students who have previously received credit for ADG 431 and/or ADG 432.

ADB 407 QUANTITATIVE ANALYSIS (2 Hrs.)

Statistical and quantitative methods from the perspective of administrative decision-making. The logical basis of modern quantitative techniques and their application to business problems.

ADB 408 RESEARCH ANALYSIS (2 Hrs.)

Procedures of applied research from the perspective of managerial need for information; cost and value of research; scientific method of inquiry; problem definition, research design, data collection and analysis, generalization of findings, and evaluation of research. Prerequisite: ADB 407.

ADB 409 COMPUTER FUNDAMENTALS FOR ADMINISTRATION (2 Hrs.)

Fundamentals of data processing and computer systems. Use of BASIC programming language in business problem-solving. Applications of time-sharing. See MSU 423.

ADB 410 TOPICS IN QUANTITATIVE ANALYSIS (2 or 4 Hrs.)

Selected topics, to be announced when offered. Prerequisite: ADB 408 or approved equivalent. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.

ADB 415 ECONOMICS FOR ADMINISTRATION (4 Hrs.)

Essential micro- and macroeconomic concepts as they apply to administrative decisions. Principal theories and analysis of efficient resource allocation as related to economic decisions of individuals, public and private organizations, and society. Intended primarily for students who have had no prior college-level work in economics. See ECO 415 and ADP 444.

*FINANCE***ADB 502 MANAGERIAL FINANCE (4 Hrs.)**

Introduction to concepts and variables used in financial analysis, planning, and control. Topics include financial forecasting, capital budgeting, leverage, valuation, cost of capital, asset/liability management, and capital market instruments. Prerequisites: ACC 421, ADB 415, ADB 408, or approved equivalents.

ADB 503 FINANCIAL INSTRUMENTS (2 Hrs.)

Advanced study of capital markets, financial instruments, and implications of federal monetary policy for decisions regarding the management of debt and equity obligations of the business enterprise. Prerequisite: ADB 502 or approved equivalent.

ADB 504 CORPORATE FINANCIAL POLICY (2 Hrs.)

For students with an interest in decision-making variables of the corporate financial manager. Includes conceptual, theoretical, and applied considerations for formulating intermediate and long-range financial policies. Prerequisite: ADB 503 or approved equivalent.

ADB 510 TOPICS IN FINANCE (2 or 4 Hrs.)

Selected topics, to be announced when offered. Prerequisite: ADB 502 or approved equivalent. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.

MARKETING**ADB 512 MARKETING MANAGEMENT (4 Hrs.)**

Planning, organizing, and control of activities necessary for manufacturers, wholesalers, and retailers to provide products and services to customers. Emphasis on the behavioral research necessary to gain or hold competitive advantage and provide customer satisfaction and social benefit. Prerequisites: ACC 421, ADB 415, or approved equivalents.

ADB 513 MARKETING COMMUNICATIONS (2 Hrs.)

Role of communications in marketing, emphasizing behavioral aspects of buyer information processing and decision-making, and their implications for the design and delivery of sales and advertising messages. Prerequisite: ADB 512 or approved equivalent.

ADB 514 MARKETING PROMOTION POLICIES (2 Hrs.)

Integrated management of advertising, personal selling, sales promotion, and publicity to reach current and potential customers with promotional messages and campaigns. Prerequisite: ADB 513 or approved equivalent.

ADB 515 MARKETING INSTITUTIONS (2 Hrs.)

Structures of retail, wholesale, and industrial markets and characteristics of major types of middlemen. Prerequisite: ADB 512 or approved equivalent.

ADB 516 MARKETING CHANNELS STRATEGIES (2 Hrs.)

Strategies involved in managing flows of goods and attendant flows of communications, title, financing, and other responsibilities. Conflict and cooperation as components of channel-term relationships. Prerequisite: ADB 515 or approved equivalent.

ADB 517 COMPARATIVE MARKETING (2 Hrs.)

Analysis of the development of retail and wholesale marketing institutions in other countries, focusing on marketing universals of geography, stage of economic development, and cultural factors. Prerequisite: ADB 512 or approved equivalent.

ADB 518 COMPARATIVE MARKETING FIELD STUDY (2 Hrs.)

On-site studies of foreign marketing institutions as a basis for comparing them with those of the United States. Extensive recording of observations for post-trip paper and group discussions. Involves the time and expense of travel to foreign countries. Prerequisite: ADB 517 or approved equivalent.

ADB 520 SELECTED TOPICS IN MARKETING (2 or 4 Hrs.)

Selected topics, to be announced when offered. Prerequisite: ADB 512 or approved equivalent. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.

PRODUCTION AND OPERATIONS MANAGEMENT**ADB 522 PRODUCTION AND OPERATIONS MANAGEMENT (4 Hrs.)**

Techniques of planning, scheduling, and controlling cost, quality, production, and inventory in product- and service-oriented organizations. Linear programming, simulation, PERT, statistical inventory, and quality control are studied in terms of applicability to businesses, hospitals, banks, government agencies, and others. Prerequisites: ACC 421, ADB 407, and ADB 415, or approved equivalent.

ADB 523 PRODUCTION PLANNING AND CONTROL (2 Hrs.)

Decision models and computerized systems used in production and distribution. Systems of production control, inventory control, quality control, and forecasting as tools in an integrated approach to management of the modern operations function. Prerequisites: ADB 522 or approved equivalent.

ADB 524 OPERATIONS ANALYSIS (2 Hrs.)

Systems and quantitative decision models in production and operations management. Computerized solution techniques of linear programming, PERT, queuing theory, simulation, and other quantitative methods as applied to planning, scheduling, and control. Prerequisites: ADB 522 or approved equivalent.

**ADB 530 TOPICS IN PRODUCTION AND OPERATIONS
MANAGEMENT****(2 or 4 Hrs.)**

Selected topics, to be announced when offered. Prerequisite: ADB 522 or approved equivalent. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.

EXTERNAL ENVIRONMENT**ADB 416 ECONOMIC CONDITIONS ANALYSIS****(2 Hrs.)**

Uses and evaluation of various economic indicators — e.g., labor statistics, Gross National Product, Consumer Price Index — employed in modern analysis of the macroeconomy. Prerequisite: ADB 408 or equivalent.

ADB 417 SOCIAL INDICATORS**(2 Hrs.)**

Introduction to the progress and problems in developing a "comprehensive set of statistics reflecting social progress or retrogression" intended as measurement of social activities to complement currently employed quantitative measures of economic activities. Prerequisite: ADB 408 or approved equivalent.

ADB 531 SOCIAL MARKETING RESEARCH**(2 Hrs.)**

Application of marketing and social science research to determining social needs and to assessing alternative strategies for contributing to solution of social problems. Based on familiarity with research procedures and social marketing concepts, specific problems are addressed in projects. Prerequisite: ADB 408 or approved equivalent.

ADB 532 ORGANIZATIONS AND THE PUBLIC INTEREST**(2 Hrs.)**

Introduction to legal, political, and cultural influences which coalesce to provide the boundaries for resolving conflicts between economic interests and "the public interest."

ADB 533 BUSINESS AND ECONOMIC FORECASTING**(2 Hrs.)**

Methods for analyzing and forecasting business and economic conditions pertaining to industry and to individual firms. Demand and supply functions are stressed. Prerequisite: ADB 416 or approved equivalent. See ECO 533.

ADB 534 ANTITRUST AND TRADE REGULATION**(2 Hrs.)**

Investigation of major legislative, administrative, and adjudicative functions related to regulation of business activities. Concentrates on contemporary issues as an emphasis for viewing regulation as an evolving force in business activity. Prerequisite: ADB 532 or approved equivalent.

ADB 535 BUSINESS AND THE URBAN ENVIRONMENT**(2 Hrs.)**

Selected aspects of major concern to business policy-makers: growth and development of metropolitan areas, housing and transportation, the inner city, poverty and racial problems, and urban finance and politics. Prerequisite: ADB 502, ADB 512 or approved equivalents.

ADB 536 MULTINATIONAL BUSINESS**(2 Hrs.)**

Examination of the nature of the multinational business firm, and of the economic, social, and political considerations which establish the parameters for its activities. Prerequisites: ADB 502, ADB 512 or approved equivalents.

**ADB 537 MULTINATIONAL CORPORATIONS: POLICY
FORMULATION****(2 Hrs.)**

Examination and analysis of critical economic, social, and political variables, domestic and foreign, which enter into major policy decisions of multinational corporations. Prerequisite: ADB 536 or approved equivalent.

HUMAN RESOURCE MANAGEMENT**ADB 452 LABOR-MANAGEMENT RELATIONS****(4 Hrs.)**

Examination of behavioral, economic, social, and institutional forces on union-management relations and objectives. Relationships at individual work unit and more complex levels as they influence negotiations, grievances, and administration of collective bargaining agreements in all kinds of work organizations.

- ADB 454 WORK FORCE CHANGES, PROBLEMS, AND ISSUES (2 Hrs.)**
Changes, problems, and issues arising from changing employment patterns. Current issues including, but not limited to, the increasing role of women and minorities, affirmative action plans, the younger and better-educated work force, white-collar unionism, and governmental pressures.
- ADB 460 TOPICS IN LABOR-MANAGEMENT RELATIONS (2 or 4 Hrs.)**
Selected topics, to be announced when offered. Prerequisite: ADB 452 or equivalent. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.
- ADB 511 BEHAVIOR RESEARCH IN ORGANIZATIONS (4 Hrs.)**
Application of research in analysis of behavioral problems within organizations. Involves design and execution of a research project, analysis of data, and formulation of conclusions and recommendations based on empirical results of the study. Prerequisite: ADB 408 or equivalent.
- ADB 530 TOPICS IN ORGANIZATIONAL DYNAMICS (2 or 4 Hrs.)**
Advanced study of specific topics, to be announced when offered. Prerequisite: ADB 401 or equivalent. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.
- ADB 545 MOTIVATION: THEORY AND PRACTICE (2 Hrs.)**
Application of the various theories of human motivation to the organizational setting. Students are involved in developing motivation systems which can be used to direct individual effort and performance toward accomplishment of the organization's goals and objectives. Prerequisite: ADB 401 or equivalent.
- ADB 546 BEHAVIORAL TECHNIQUES FOR CONFLICT RESOLUTION (2 Hrs.)**
Study of behavioral theories of conflict resolution and discussion of their application to a number of areas. Area of emphasis varies with instructors' and/or students' interests. Prerequisite: ADB 401 or equivalent.
- ADB 551 HUMAN RESOURCE MANAGEMENT (4 Hrs.)**
Operational approach to managing people at work, drawing from the behavioral sciences. Builds on concept of reconciliation and integration of worker-organizational interests through supportive situation-oriented leadership. Emerging issues in management of human resources of an organization. Prerequisite: ADB 401 or equivalent.
- ADB 552 PERFORMANCE APPRAISAL (2 Hrs.)**
Performance appraisal systems from both developmental and evaluative perspectives. Students are involved in developing performance appraisal systems to meet the needs of various types of employees in various types of organizations. Prerequisite: ADB 551 or equivalent.
- ADB 557 SOCIALIZATION AND INDIVIDUALIZATION (2 Hrs.)**
Adaptation of individuals to organizations and organizations to individuals. Processes used by organizations to change individuals' attitudes and behavior to fit needs of the organization and processes used to change organizations to fit needs of individuals. Prerequisite: ADB 401 or equivalent.
- ADB 559 WAGE AND SALARY ADMINISTRATION (2 Hrs.)**
Process of developing general compensation policies and criteria for large organizations. Direct and indirect compensation systems, incentive plans, wage surveys, and compensation guidelines. For students interested in careers in personnel administration. Prerequisite: ADB 551 or equivalent.

INTEGRATIVE COURSE

- ADB 583 BUSINESS POLICY (4 Hrs.)**
For Business Administration students, emphasizing level of analysis necessary for top-management decisions and policy formulation for firms operating in an uncertain environment. Satisfactory completion meets university graduation requirements of problem-solving exercise for Business Administration students. (Not offered in summer

sessions.) Prerequisites: ADB 502, ADB 512 or approved equivalents; expected completion of degree requirements by end of current semester.

Educational Administration

M.A.
(40 Hrs.)

PROGRAM FACULTY — Stuart A. Anderson, Robert Bunnell, Jack Coleman, David Franklin, Mark Heyman, Merrill Redemer.

The Educational Administration curriculum is concerned with the theory and practice of the administration of schools and other educational systems. A wide selection of courses is available to meet varying student needs and interests, while fulfilling the requirements for a degree and/or certification.

Sangamon State University was approved by the Illinois State Teacher Certification Board on May 19, 1972, to grant the General Supervisory and General Administration certificates.

The master's degree requires completion of 40 semester hours, including a minimum of 28 semester hours of ADE courses. There are three required courses:

- ADE 505 Introduction to Research
- ADE 509 Organizational Dynamics
- ADE 529 Case Studies in Educational Administration

In addition, the student must complete at least one course from each of the two categories, "The School in the Social System" and "The School as a Social System." Each student must also meet the university requirement of four semester hours of Public Affairs Colloquia as a part of the 40 hours.

EDUCATIONAL ADMINISTRATION/ Course Descriptions

GENERAL COURSES

- ADE 409 OPEN EDUCATION IN ENGLAND AND THE UNITED STATES** (4 Hrs.)
Study of the British primary school, "the open classroom," and "informal education" — what they are and implications for our schools and classrooms. Especially appropriate for teachers, administrators, would-be teachers, and parents.
- ADE 505 INTRODUCTION TO RESEARCH** (4 Hrs.)
Application and analysis of basic research methods in educational administration. Topics include basic statistics, hypothesis testing, design of experiments, and use of research tools available from other disciplines. Must be taken early in the student's program.
- ADE 506 PLANNING EDUCATIONAL FACILITIES** (4 Hrs.)
Population study; educational goals; educational specifications, architect plans; contractor; financing; referendum; legal considerations and school board. Involvement of



community, faculty, students, and administrators. Planning, site selection, additions, modernizations, and renovation. Equipment and maintenance. Schools are visited.

ADE 509 ORGANIZATIONAL DYNAMICS (4 Hrs.)

Study of the structure and function of an organization as a social system and of individual, group, and leadership processes and behavior within it. Not open to students who have previously received credit for ADG 431 and/or ADG 432.

ADE 514 TEACHER NEGOTIATIONS (4 Hrs.)

Focuses on history and impact of collective bargaining in education. Examination of changing attitudes and problems. Emphasis on the bargaining process for the new negotiator.

ADE 525 SUPERVISION OF INSTRUCTION (4 Hrs.)

Application of principles of supervision in the instructional setting. Includes current curricular and instructional practices, K-12. Specific goal is the improvement of curricular and instructional practice through the supervisory role.

ADE 500 THESIS (2-8 Hrs.)

Credit awarded upon acceptance of thesis.

ADE 529 CASE STUDIES IN EDUCATIONAL ADMINISTRATION (4 Hrs.)

Integrative course utilizing case analysis of theoretical and applied aspects of educational administration. Student's particular area of interest will be recognized in required project. Spring and fall semesters. Prerequisites: successful completion of 16 hours of ADE courses plus ADE 505 and ADE 509, or approved equivalents. Must be taken in last portion of the student's program.

THE SCHOOL IN THE SOCIAL SYSTEM

ADE 501 ORGANIZATION AND ADMINISTRATION OF PUBLIC SCHOOLS (4 Hrs.)

Examines the organizational implications of our federal system, administrative arrangements necessary for local districts, and nature and range of pressures on the schools. Recommended to be taken early in student's program.

ADE 502 SCHOOL FINANCE (4 Hrs.)

Sources of school revenue, analysis of expenditure policies, intergovernmental relationships, introduction to economics of education, trends and issues, and other aspects of school finance.

ADE 503 SCHOOL LAW (4 Hrs.)

Legal aspects of public education with emphasis on statutory law, Illinois School Code, and judicial rulings. Examination of rights and responsibilities of boards, administrators, teachers, and students.

ADE 504 POLITICS OF EDUCATION (4 Hrs.)

Examines effects of politics on education at federal, state, county, and local levels. Political roles of superintendent, board, and special interest groups. Political activities of principals, teachers, and community groups; effects of court decisions and legislation.

ADE 508 SCHOOL/COMMUNITY RELATIONS (4 Hrs.)

Examines relationships of schools to communities and citizen involvement in educational issues; development of more effective ways for educators to deal with the new role of the public; changes in school/community relations practices. Emphasis on effective communication processes.

THE SCHOOL AS A SOCIAL SYSTEM**ADE 511 CURRICULUM: THEORY, PRACTICE, AND DEVELOPMENT (4 Hrs.)**

The nature of modern curriculum theories, practices, and development. Sources of knowledge utilized in formulation of elementary and secondary curriculum patterns that have emerged in American education. Approaches to curriculum study, revision, and evaluation.

ADE 512 SCHOOL BUSINESS MANAGEMENT (4 Hrs.)

Analysis of local school business management. Includes principles and practices of accounting, budgeting, debt service-insurance, investments, lunch programs, maintenance and operations, purchasing, transportation, and other general responsibilities of managing school business affairs.

ADE 513 EDUCATIONAL EVALUATION (4 Hrs.)

Theory, techniques, and application of evaluation as related to policy formulation and decision-making in an educational environment. Recommended that students complete ADE 505 prior to enrollment.

ADE 519 THE PRINCIPALSHIP (4 Hrs.)

Competencies, role, and responsibilities of the building principal examined. Elementary, junior-high, and senior-high-school principalships studied. Current research, issues, and problems considered.

The following courses offered elsewhere in the university are approved for cross-listing in the Educational Administration Arena.

- ADB 401 Organizational Dynamics
- ADB 407 Quantitative Analysis
- ADB 408 Research Analysis
- ADP 424 Dynamics of Public Organizations
- ADP 425 Analytical Tools for Public Administrators
- HSA 401 Organizational Dynamics
- HSA 405 Analytical Tools

Public Administration

M.A.
(48 Hrs.)

PROGRAM FACULTY — Robert J. Batson, Gary W. Combs, Geoffrey Y. Cornog, Phillip M. Gregg, Randolph P. Kucera, Lynn Miller, A. Wayne Penn, Ron Sakolsky, Michael Wygal.

The Public Administration Arena offers professional graduate education leading to the M.A. degree and prepares students for successful and

rewarding careers in public service. The program works actively with many elements of state and local government to integrate academic and experiential components of the educational process. Many students have positions within agencies of Illinois state government; a growing number of pre-professional students have joined them in preparation for careers in public administration. Both the mix of students and the location of the program assist in the process of relating the concepts of theory to the insights of practical experience.

The effective management of public agencies requires a high level of administrative competence; therefore, the core of the program is designed to impart knowledge and skills essential to good administration. At the same time, the program stresses a problem-solving orientation, which encourages students to seek new ways to meet pressing public problems. Advanced course work in the program may be pursued through a set of professional options or through individually designed programs of study related to particular career goals. Thus the program allows highly flexible career preparations, while imparting fundamental knowledge and problem-solving skills.

DEGREE REQUIREMENTS

Program Foundation and Core

The curriculum of the Public Administration Arena is designed to provide fundamental knowledge, basic skills, and ethical considerations appropriate for all public administrators and to offer diverse areas of advanced and specialized work. Within the first 20 hours in their programs of study, students are to meet the requirements of the Program Foundation (12 hours), which surveys the field of public administration and those analytical tools prerequisite to advanced study. In addition, students are required to complete 12 hours of Program Core Course work covering major functional areas and processes of public administration.

Program Entry Diagnostics

Program entry diagnostics are performed during the first semester of student work in one of the Introductory Courses. These involve 1) exploring tentative academic and career objectives, 2) assessing writing competence, and 3) examining competence in relation to Foundation and Core Course requirements. Within the Introductory Courses the following assessments occur:

- A. *Study/Career Objectives.* Following an introductory overview of the field, students prepare a self-assessment of their interests and their present levels of knowledge and skills in public administration and then identify tentative objectives for their programs of study. A paper summarizing the assessment and objectives serves as the basis for program planning with the adviser chosen by the student.
- B. *Writing Competence.* The statement of the student's objectives also serves as the initial basis for diagnosing writing skills. The

Learning Center, working in conjunction with students' advisers, identifies students with serious writing problems. On the advice of the adviser and/or the Learning Center, the Public Administration Arena may elect to place students with serious writing deficiencies on academic probation until the deficiencies are met in work with the Learning Center.

- C. *Background in Public Administration.* Students may request waivers of Foundation and Core requirements; these are granted if students demonstrate adequate knowledge and skills in specific curricular areas as a result of a) undergraduate course work, b) graduate course work, c) special training (workshops, organizational courses), or d) work experience (e.g., job-related social science research). Advisers are charged with bringing requests before the Public Administration Arena.

Professional Work Experience

Students entering the program without significant professional work experience in the public or private sector are encouraged to undertake internships as a part of their programs of study. Opportunities for such internships exist in various state and local government agencies within the Springfield area. A student may undertake an internship for up to four semesters with up to 20 hours of work per week. Associated with the internship is a two-credit-hours Internship Seminar, taken during each semester of internship activity for a maximum of eight credit hours which may be counted towards satisfying the professional option requirement. This seminar is designed to relate the work experience to the career development goals of the student. The seminar is undertaken upon joint agreement of the student and the adviser.

Professional Options

Sets of courses distinguished as Professional Options are concerned with particular areas of expertise and career opportunities within the field. Twenty hours of elective course work are taken by students in pursuit of their elected options, of which at least 12 hours will typically involve public administration courses. Recognizing the diversity of student goals, the program allows broad flexibility. Students who wish to pursue individualized programs of study may design these with their advisers. Others may wish to pursue one of the Professional Options specifically identified here.

Before completing 24 hours of course work, each student should complete with his/her adviser a *Professional Option Proposal* as a program planning document. This proposal includes: 1) an updated statement of career objectives, 2) a set of courses which are chosen as the option to be pursued, and 3) an explanation of how the option will advance the career objectives of the student.

The following Professional Options are available.

1. Individualized Option
2. General Public Administration
3. Organization Theory for Public Administration

4. Policy Process and Analysis
5. Public Budgeting and Finance
6. Public Human Resource Management and Development
7. Public Management and Information Systems

The *Public Administration Handbook* contains descriptions of these Professional Options and groups of courses identified with them.

PAC Requirement

All students must meet the university requirement of four credit hours of Public Affairs Colloquia as part of the total 48 hours.

Problem-Solving Exercise or Thesis

Students are required to complete a problem-solving exercise or an M.A. thesis. Within Public Administration, the problem-solving exercise is completed by writing an appropriate policy position paper within a class chosen by the student in consultation with his/her adviser, and defending this position paper before a committee as established in university regulations. The thesis is undertaken by the student in consultation with the adviser and completed in accordance with university regulations.

CURRICULAR STRUCTURE AND REQUIREMENTS

(See *Public Administration Handbook* for detailed descriptions.)

Program Foundation 12 Hours

1. *Introductory Course* (Take one of the following)4
 - ADP 421 American Public Bureaucracy:
Theory and Cases
 - or
 - ADP 422 Bureaucratic Politics and Public
Policy Development
 - or
 - ADP 423 Public Administration and Democracy
2. ADP 424 Dynamics of Public Organizations4
 - Specialized Alternatives:
 - ADP 511 Organization Theory
 - PSY 482 Organizational Psychology
 - SOA 531 Seminar on Complex Organization
3. ADP 425 Analytical Tools for Public
Administrators4
 - Specialized Alternatives:
 - ADP 442 Operations Research for
Managerial Decisions
 - ADP 561 Research Design
 - ADP 562 Behavioral Research in Organizations
 - ECO 482 Research Methods
 - MSU 414 Computer Fundamentals and
Programming I

SOA 411 Introduction to Social
Research Methods

<i>Core Courses</i>	12 Hours
1. ADP 431 Public Budgeting	4
Specialized Alternatives:	
ADP 533 Public Financial Administration	
ECO 455 State and Local Finance	
ECO 456 Public Finance	
2. ADP 451 Public Personnel Administration	4
Specialized Alternatives:	
ADP 551 Public Employees and Politics	
ADP 452 Collective Bargaining in Public Employment	
PSY 472 Introduction to Industrial Psychology	
ECO 425 Labor Economics	
3. ADP 461 Organization and Management Skills	4
Specialized Alternatives:	
ADP 442 Operations Research for Managerial Decisions	
ADP 504 Organization Analysis and Review for Public Executives	
ADP 542 Public Agency Program Evaluation	
ADB 522 Production and Operations Management	
<i>Professional Options</i>	20 Hours
(See <i>Public Administration Handbook</i> for course list.)	
<i>Public Affairs Colloquium</i>	4 Hours
<i>Problem-Solving Exercise</i>	—
Program total	48 Hours

PUBLIC ADMINISTRATION/Course Descriptions**PROGRAM FOUNDATION****ADP 421 AMERICAN PUBLIC BUREAUCRACY: THEORY
AND CASES (4 Hrs.)**

Application of theories of bureaucracy to American governmental organization. Considers role of bureaucracies in separation-of-power systems, their quasi-legislative and quasi-judicial functions, their functional and dysfunctional consequences, and their relationship to democratic values.

**ADP 422 BUREAUCRATIC POLITICS AND PUBLIC POLICY
DEVELOPMENT (4 Hrs.)**

Focuses on patterns and limits of bureaucratic power in public policy processes. Attention to impact of relationships between agencies, chief executives, and legislatures upon exercise of agency policy initiatives. Students choose and analyze one major governmental program.

ADP 423 PUBLIC ADMINISTRATION AND DEMOCRACY (4 Hrs.)

Exploration of two general themes: impact of democratic politics on processes of public administration, and performance of administrative organizations in relation to ideals of democracy. Cases and theories relating to American government organization provide the focus.

ADP 424 DYNAMICS OF PUBLIC ORGANIZATIONS (4 Hrs.)

Study of structure and function of public organizations as socio-technical systems and of related individual, group, and leadership processes. Topics include leadership, decision-making, group dynamics, motivation, job satisfaction, authority, power, organizational change, communications, conflict, and organization structure and design. Not open to students who have received credit for ADG 431 and/or ADG 432.

ADP 425 ANALYTICAL TOOLS FOR PUBLIC ADMINISTRATORS (4 Hrs.)

Introduction to analytic and research tools required by professional public administrators. Topics include access to research materials; research methodology; analytic decision-making concepts — e.g., PERT, benefit-cost and input-output analysis; descriptive statistics; introduction to advanced statistics and to computer applications.

*PROGRAM CORE***ADP 431 PUBLIC BUDGETING (4 Hrs.)**

Study of budgetary decision-making in governmental units. Political, economic, and administrative aspects of budgeting are examined. Analysis of budget innovations, such as the PPB System and Zero-Base Budgeting.

ADP 451 PUBLIC PERSONNEL ADMINISTRATION (2 or 4 Hrs.)

Examination of personnel administration in the public sector and administrative problems raised by this important management responsibility. Evaluation of psychological, administrative, political, and legal factors affecting management's ability to deal with organization/employee relationships. Examples from federal, state, and local governments.

ADP 461 ORGANIZATION AND MANAGEMENT SKILLS (4 Hrs.)

Provides students with specific management skills important to effective operation of public organizations and programs.

*OPTIONAL COURSES***ADP 401 CONTEMPORARY ISSUES IN PUBLIC ADMINISTRATION (4 Hrs.)**

Introduction to public administration. Emphasizes contemporary issues and challenges related to bureaucracy and public policy-making, values and ethics of administration, urban administration, collective bargaining, and public finance. Also explores career opportunities in government.

ADP 402 THE EXECUTIVE IN STATE AND LOCAL GOVERNMENT (4 Hrs.)

Examination of roles and function, powers and duties of state and local executives. A brief look at "no chief executive" local governments such as counties and townships.

ADP 403 ORGANIZATION-CLIENT RELATIONS (4 Hrs.)

Examination of organization-client relationships within human service organizations — i.e., employment, welfare, and health organizations. Focuses on the nature of human service organizations, processes of reception and intake, various relationship models, and problems and possibilities inherent in the organization-client relationship.

ADP 405 ADMINISTRATIVE LAW (4 Hrs.)

Legal foundation of administrative powers and limitations; study of delegation of administrative power, administrative discretion, legislative and executive controls, and legal restraints; types of administrative action and enforcement, administrative remedies, and judicial review of administrative action.

ADP 406 MANAGEMENT INFORMATION SYSTEMS (4 Hrs.)

Systematic study of work organizations and establishment of criteria for information flows. Examination of data sources and uses for information systems for management planning and control in various types of administrative environments. Development of methodology for design and implementation of management information systems.

ADP 411 CHANGING VIEWS OF AMERICAN PUBLIC ADMINISTRATION (4 Hrs.)

Examination of approaches to study and reform of public administration during the 20th century. From "efficiency and economy" in the first decades through the search for

principles to current concern for human relations and public policy, course examines classic reports and current criticisms.

ADP 412 BUREAUCRACY AS PORTRAYED IN MODERN FICTION (4 Hrs.)

Analysis of the bureaucratic phenomenon through eyes of the novelist. Areas of discussion include bureaucratic impersonality, bureaucratic labyrinth, technocratic society, "whistle-blowing," and the counter-culture.

ADP 413 COMPARATIVE ANALYSIS OF PUBLIC ORGANIZATIONS (4 Hrs.)

Broadly comparative approach to the study of public administration, involving bureaucracy in various social and cultural settings and relating bureaucracy to processes of political and cultural development.

ADP 414 CULTURE AND BUREAUCRACY (4 Hrs.)

Based on the premise that bureaucracies are part of their culture and must reflect cultural values to be effective. Examines bureaucracies in East and West: business, educational, governmental, and health services. Attention to internal as well as external aspects of bureaucracies.

ADP 415 MAKING BUREAUCRACY ACCOUNTABLE: AN ACTIVIST APPROACH (4 Hrs.)

Discussion of bureaucratic accountability, after which students in the "public interest" become "muckrakers" (i.e., exposing a bureaucratic organization of which they are not members) or "whistle-blowers" (i.e., blowing the whistle on questionable practices of a bureaucratic organization to which they belong).

ADP 416 DEMYSTIFYING PROFESSIONALISM (4 Hrs.)

Consideration of the definition of the nature of professionalism as an ideological question. Conservatives defend the traditional model of professionalism. Liberals allude to a "new professionalism." Radicals call for the de-professionalization of society. These differences are explored.

ADP 441 PUBLIC POLICY ANALYSIS (4 hrs.)

Examination of the functions of policy analysis in political decision-making, including bases for judgment, impact on bargaining, analytical limitations, and other issues in design and implementation of policy studies.

ADP 442 OPERATIONS RESEARCH FOR MANAGERIAL DECISIONS (4 Hrs.)

Introduction to methods of operations research and management science: applications to government, industry, education, and health. Prerequisite: high-school algebra.

ADP 443 AMERICAN POVERTY AND PUBLIC POLICY (4 Hrs.)

Preliminary discussion and critique of current theories of poverty causation, after which class members select personally relevant aspects of poverty policy for research or action projects.

ADP 444 ECONOMICS FOR ADMINISTRATION (4 Hrs.)

Study of essential micro- and macroeconomic concepts as they apply to administrative decision. The principal theories and analysis of efficient resource allocation as related to economic decisions of individuals, public and private organizations, and society. Intended primarily for students with no prior college-level work in economics. See ECO 415 and ADB 415.

ADP 452 COLLECTIVE BARGAINING IN PUBLIC EMPLOYMENT (4 Hrs.)

Examination of the development and nature of employee organization, collective bargaining, and public policies on labor relations in the public sector — federal, state, and local. Analysis of contemporary bargaining relations, procedures, problems, and consequences.

ADP 471 PLANNING AND POLITICS (4 Hrs.)

City, metropolitan, regional, and state planning in the American political system. Special attention to the type of planning appropriate to American political tradition. Students participate in small-group research efforts on significant case studies.

ADP 472 INTRODUCTION TO COMMUNITY PLANNING (4 Hrs.)

Historical survey of public planning in the United States as it has evolved in response to

changing issues; city, metropolitan, regional, and state planning; changing roles of the planner and current issues in the profession.

ADP 474 NATIONAL URBAN POLICY (4 Hrs.)

Seminar on the work of Edward Banfield and Daniel Moynihan. Critics of their analyses and prescriptions are also studied.

ADP 477 THE CITY (4 Hrs.)

Study of the complex physical and social system that is called "city," with insights from economics, politics, sociology, and psychology. Employs survey of appropriate literature, field work, simulations, and other techniques.

ADP 481 MANAGEMENT OF LOCAL GOVERNMENT (4 Hrs.)

Exploration of management in the system of local government in relation to functions performed by various local agencies. Emphasis on policy issues, problem-solving, service delivery, performance evaluation, and community development.

ADP 482 STATE-LOCAL PROGRAM IMPLEMENTATION (4 Hrs.)

Introduction to basic concepts and issues of intergovernmental administration. Examines impacts of national policy and state and local government on program implementation. Applications to Illinois programs such as public assistance, health, law enforcement, water supply, and urban development.

ADP 485 METROPOLITAN INTERGOVERNMENTAL RELATIONS (4 Hrs.)

Study of the impact of multidistrict, multicity relations within the metropolitan region. Comparison of state and federal requirements as an integrative device from the outside. Analysis of planning and operating agency experience.



ADP 486 URBAN ADMINISTRATIVE STRUCTURES AND PUBLIC POLICY (4 Hrs.)

Examination of interrelationship between urban governmental structures and public policy in terms of environmental forces, attitudes toward local government, citizen needs and demands, and local power structures.

ADP 502 CONSULTING AND HELPING SKILLS FOR ADMINISTRATORS (4 Hrs.)

Utilization of theory and practice to help class participants develop skills in consulting/helping. Especially appropriate for persons in positions where they advise or help others in addressing a variety of technical or human problems.

ADP 503 GOVERNMENT REORGANIZATIONS AND REFORM (4 Hrs.)

Examination of reorganization and reform of governments and their agencies. Concepts and issues of how changes in administrative structure affect program and service performance. Case studies and research on reorganizations and reform at national, state, and local levels.

ADP 504 ORGANIZATION ANALYSIS AND REVIEW FOR PUBLIC EXECUTIVES (4 Hrs.)

Methods of analyzing and improving organization design, policies, procedures, practices, and performance. Emphasis is on providing the student with practical skills; each student applies one of the methods to an actual organization problem.

ADP 511 ORGANIZATION THEORY (4 Hrs.)

How individuals use organizations and are used by organizations. Examination of leading theories and topics — such as organizational goals, functions and dysfunctions of organizations, and the creation of structure.

ADP 521 SEMINAR IN INTERGOVERNMENTAL ADMINISTRATION (4 Hrs.)

Concepts of intergovernmental administration, which students use to analyze problems of program coordination confronting public officials. Applications take the form of problem-solving and case studies of specific agencies and intergovernmental networks.

ADP 520 WORKSHOP IN PUBLIC ADMINISTRATION (2-8 Hrs.)

Intensive workshop sessions of six to eight hours each, training persons in specific procedures and skills of public administration. Topics vary, and may include preparation of proposals for federal grants, contract negotiations with public employee organizations, and development of agency program evaluation. May be repeated for a maximum of 8 hours' credit.

ADP 523 INTERGOVERNMENTAL FISCAL RELATIONS (4 Hrs.)

Examines structure, process, and consequences of the fiscal relations among state, local, and national governments. Selected topics may include federal revenue sharing, block grants, categorical grants, state revenue sharing, and tax overlap and competition.

ADP 531 SEMINAR IN PUBLIC BUDGETING AND FINANCE (4 Hrs.)

Applications of techniques, concepts, and models of budgeting and finance to selected areas of state, local, and federal governments. May involve case studies or problem-solving research of fiscal problems in nearby government units.

ADP 533 PUBLIC FINANCIAL ADMINISTRATION (4 Hrs.)

Fiscal analysis of public sector taxation, debt, and accounting practices. Federal, state, and local practices are examined, especially for comparative administration purposes.

ADP 541 RESEARCH METHODS IN PUBLIC POLICY ANALYSIS (4 Hrs.)

Experimental and nonexperimental designs for policy analysis; policy measurement, statistical routines, and inference; designing data archives for policy monitoring and evaluation. Prerequisite: ADP 425 or ADG 405.

ADP 542 PUBLIC AGENCY PROGRAM EVALUATION (4 Hrs.)

Examination of goals, methods, and techniques of program evaluation in public agencies and implications of program evaluation findings for legislative and executive program planning and implementation. Each student is required to design an evaluation of some organization program. The student should have taken ADP 424 prior to this course.

ADP 543 IMPLEMENTATION OF PROGRAMS AND POLICIES (4 Hrs.)

Examination of obstacles and opportunities in implementing program and policy decisions. Methods identifying and assessing environmental, organizational, and personal factors affecting successful implementation. Stresses the need for implementation analysis in organizational and public policy research. Prerequisite: ADP 424 or equivalent.

ADP 550 ISSUES IN PUBLIC PERSONNEL ADMINISTRATION (4 Hrs.)

Examination of contemporary issues in employee staffing and evaluation, government/employee relations, organizational structure and innovation, and technologies affecting public employment. Topics include images of public service, merit systems,

patronage, employee conduct, wage and salary levels, and effects of employee organization.

ADP 551 PUBLIC EMPLOYEES AND POLITICS (4 Hrs.)

Study of political aspects associated with public employment, including the patronage system; collective bargaining in the public sector; public employee organization; legislative activities of public employees; and patterns of electoral participation by public employees. Specifics of Illinois scene provide practical focus.

ADP 553 ORGANIZATION CHANGE AND DEVELOPMENT (4 Hrs.)

Examination of theories and approaches to organizational change, including stimuli for change, resistance, conflict, and systems diagnosis. There follows an overview of applied methodologies used to further organizational development processes, including action research, team building, job design, and job enrichment. Prerequisite: ADP 424 or equivalent.

ADP 554 CONFRONTATION WITH SELF AND CAREER (2 Hrs.)

Helps participants examine three questions related to their personal growth and career: Where have I been? Where am I now? Where do I want to go? Uses small-group experiences which entail students' generating and examining personal data related to these questions.

ADP 555 GROUP DYNAMICS (2 Hrs.)

Focus on the dynamics and leadership of the small group. Emphasis on decision-making, motivation, conflict resolution, and power within groups as well as group cohesiveness and team building. Learning is both cognitive and experiential. Prerequisite: ADP 424 or equivalent.

ADP 556 LEADERSHIP THEORY (2 Hrs.)

Examination of the nature of leadership within groups and organizations, and of its determinants and consequences, through a critical review of the theory and empirical research. Prerequisite: ADP 424 and ADP 425 or equivalents.

ADP 557 MOTIVATION: THEORY AND PRACTICE (2 Hrs.)

Application of various theories of human motivation to the organizational setting. Students develop motivation systems used to direct individual effort and performance toward accomplishment of the organization's goals and objectives. Prerequisite: ADP 424 or equivalent.

ADP 558 BEHAVIORAL TECHNIQUES FOR CONFLICT RESOLUTION (2 Hrs.)

Study of behavioral theories of conflict resolution and discussion of their application to a number of different areas. Area of emphasis varies with instructors' and/or students' interests. Prerequisite: ADP 424 or equivalent.

ADP 561 RESEARCH DESIGN (4 Hrs.)

Analysis, from the perspective of managerial need for information; cost and value of research; scientific method of inquiry; basic procedures of applied research: problem definition, research design, data collection and analysis and generalization of findings, and evaluation of research. Prerequisite: ADP 425 or equivalent.

ADP 562 BEHAVIOR RESEARCH IN ORGANIZATIONS (4 Hrs.)

Application of research in analysis of behavioral problems within organizations. Design and execution of a research project, analysis of data, and formulation of conclusions and recommendations based on empirical results of the study. Prerequisite: ADP 425 or equivalent.

ADP 572 PLANNING AS EDUCATION (4 Hrs.)

Seminar on John Friedman's "transactive planning" and the related ideas of Edgar Dunn, Bertram Gross, Donald Michael, and others who discern a close relationship between human learning, societal learning and change, and the planning function.

ADP 581 SEMINAR IN URBAN ADMINISTRATION (4 Hrs.)

Analysis of city management functions as a multipurpose agency. Advances in decision-making policy analysis, program budgeting, evaluation, and organizational development which relate to the chief executive are stressed. Develops approaches to structure and function in a turbulent environment.

INDIVIDUAL ARRANGEMENTS

- ADP 500 THESIS** (1-8 Hrs.)
Credit awarded upon acceptance of thesis.
- ADP 510 GRADUATE PUBLIC SERVICE INTERNSHIP SEMINAR** (2 Hrs.)
Topics covered include critical issues in public service for public policy development processes; functional operations of public agencies; and independent research. May be repeated for a maximum of 8 hours' credit.
- ADP 590 TOPICS IN PUBLIC ADMINISTRATION** (2 or 4 Hrs.)
Selected topics, announced when offered. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.
- ADP 599 TUTORIAL IN PUBLIC ADMINISTRATION** (1-12 Hrs.)

Biology

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Robert C. Haynes, Ann M. Larson, Malcolm P. Levin, William W. Martz, John P. Pearson, Earl A. Rollins, Richard W. Sames, Richard D. Wright.

ADJUNCT FACULTY — James Boelkins, Enriqueta C. Bond, Dean V. Bowser, Charlotte Campbell, Everett Cashett, D. K. Caspary, William H. Cline, Jr., Morris Cooper, Carl L. Faingold, Tony J. F. Lee, Leonard E. Maroun, Walter L. Myers, John R. Paul, Dighton F. Rowan, Satu M. Somani, Michael J. Smuda.

THE BACHELOR'S DEGREE

The undergraduate Biology Program is designed to build a strong foundation in biology and related disciplines and to aid students in mastering problem-solving skills pertinent to scientific and public issues. Students entering the program should have completed one year of courses in the biological sciences at the college level. In addition, a year of general chemistry and the equivalent of college algebra are required but may be fulfilled during the first year at SSU.

The Biology Program Core Curriculum of ecology, cell biology, genetics, seminar, and one organismal course provides the common foundation for all students. Courses which satisfy this core requirement are denoted in the course descriptions. From this core the student and faculty adviser develop an individualized program to complete the 24 hours required. In addition, students must satisfy the university Public Affairs Colloquia and Applied Study Term requirements.

Biology students have satisfied the Applied Study Term requirement through positions in hospitals, museums, state and industrial laboratories,

and environmental and wildlife management agencies. Independent research may be substituted in appropriate situations.

THE MASTER'S DEGREE

Matriculation into the graduate program in biology assumes attainment of requirements for the B.A. degree. All beginning graduate students will be initially assigned to an academic adviser and will have provisional status as degree candidates until they have completed satisfactorily 10 credit hours of program-approved course work. When degree candidacy is granted, it may be with remedial provisions to strengthen deficiencies or improve learning skills. Each degree candidate must form a master's committee, which will guide the student through her/his master's program and master's project.

The master's degree model presents university requirements, program requirements, required courses, and some suggested courses for graduate study in biology. There are two primary pathways to the M.A. degree: Plan A is designed to meet a variety of student needs whereas Plan B emphasizes mastery of cell or environmental biology. Students intending to pursue Plan A should identify individual needs and goals upon which they can base a master's program with guidance from the adviser and the master's committee. The master's project students in Plan A would normally include a search of the literature in an approved area, definition in detail of an aspect that warranted further investigation, and subsequent proposal of methods of inquiry that could lead to resolution of the problem. Students in this plan may, however, elect to do graduate research focused upon a problem approved by the master's committee.

The Cell Option of Plan B combines advanced course work with special training in laboratory research skills in cell biology. Students in this option are expected to demonstrate mastery of these areas in their master's project research. Competence in college algebra and trigonometry, organic chemistry, and cell biology are required before a student can be considered for the cell option. These latter two competencies can be satisfied by completion of PHS 367 and BIO 371 at SSU.

The Environmental Option complements advanced courses in theory with special training in field and laboratory research skills considered essential to the professional environmental biologist, knowledge of current environmental regulations, and a mature perspective on the interactions of man and the environment. Satisfactory demonstration of competencies in organic chemistry, mathematics through calculus, and ecology are required before a student can be considered for the environmental option. These competencies can be satisfied by completion of PHS 367, MSU 409, and BIO 371 at SSU.

The master's project of students pursuing Plan B options is based on a graduate research problem approved by the master's committee and includes a formal written document and a seminar open to faculty and students. The student's master's committee only decides whether the project is approved or disapproved, or whether additional work needs to be done.

BIOLOGY MASTER'S DEGREE MODEL

	UNIVERSITY REQUIREMENTS	PROGRAM REQUIREMENTS		SUGGESTED ELECTIVES
		General	Course Work	
PLAN A	20 semester hours in residence 4 semester hours PAC Constitution requirement	All entering graduate students on academic provisional status for first 10 credit hours of biology approved course work.	BIO 501	In consultation with adviser and master's committee
PLAN B	Master's Project	Formation of master's committee upon being granted degree candidacy status	BIO 415 and 416 BIO 500 BIO 501 BIO 550 MAT 405 or 401	BIO 422 BIO 425 BIO 449 BIO 510 BIO 512 BIO 524 PHS 462 PHS 463
CELL	Graduation Contract	Total of 40 credit hours required, 32 of which must be approved by Biology Program	Minimum of 20 cr. hrs. in Biological concepts	
ENVIRONMENTAL	Graduation Report	Master's Project must involve a research component (Plan B only)	BIO 415 BIO 469 or 472 BIO 500 BIO 501 BIO 571 MAT 405 or 401 ENP 471	BIO 474 BIO 475 BIO 524 ENP 434 ENP 435 ENP 482 PHS 441 PHS 464

In addition to the two credit hours of seminar (BIO 501), full-time graduate students are required to attend the formal seminar presentations near the end of each semester. Part-time students must attend the presentation of at least one graduate seminar in addition to that in which they receive credit for this course.

FACILITIES

The Biology Program emphasizes student mastery of instrumentation as a major component of both the undergraduate and graduate curricula. Current facilities consist of five course laboratories and one independent project laboratory. The equipment available for environmental studies include a john boat and Boston whaler, portable spectrophotometer, pH meter, dissolved oxygen meter, submarine photometer, echo sounder, Van Dorn water sampler, and an extensive array of sampling and assay equipment for field and laboratory investigation of aquatic and terrestrial habitats. Specialized facilities include an all-weather greenhouse, terrestrial and aquatic animal facilities, and walk-in cold rooms and environmental chambers.

For studies in cell biology and physiology the following are available: radiation biology laboratory equipped with a Searle liquid scintillation counting system; electron microscopy laboratory which includes an Hitachi HU-11B research microscope, HS-8 training microscope, high-vacuum evaporator, and freeze-fracture apparatus; light microscopy laboratory which contains a wide range of microscope systems, cryostat, micro-and macrophotographic equipment, and fully equipped darkroom; microbiology facilities include growth chambers, isolated preparation room, and



complete sterilization capabilities; a wide range of biochemistry and physiological equipment such as preparative high speed and ultracentrifuges, oscilloscopes, polygraphs, spectrophotometers, gas chromatographs, a variety of atomic absorption and nuclear magnetic resonance spectrophotometers.

BIOLOGY/Course Descriptions

(*Denotes courses which satisfy the core requirements for B.A. degree.

†Denotes courses which satisfy the organismal course requirements for the B.A. degree.)

***BIO 301 GENERAL SEMINAR (2 Hrs.)**

Emphasis on the development of learning skills in biology following self-assessment. Mastery of library skills and ability to organize material are demonstrated by a paper on a topic of interest and a seminar based on the paper. Recommended fall or spring of junior year.

***BIO 311 CELL BIOLOGY (4 Hrs.)**

Study of structure and function at the cellular level, including mechanisms of biological processes. Laboratory integrates study of cellular processes with an introduction to current research techniques and instrumentation. Prerequisite: general chemistry. Recommended spring of junior year.

***BIO 313 GENETICS (4 Hrs.)**

Survey of processes and principles underlying storage, transmission, utilization, and alteration of inherited information in biological systems. Lecture topics encompass Mendelian genetics through an introduction to modern population genetics. Recommended fall of senior year.

BIO 333 ANIMAL EMBRYOLOGY (4 Hrs.)

Comparative study of early development in Echinoderms and Chordates. Includes lecture and laboratory analyses of selected problems in fertilization, cleavage, gastrulation, tissue differentiation, and organogenesis.

†BIO 337 PLANT DIVERSITY (4 Hrs.)

Survey of structures, reproduction, and life histories of major plant divisions with emphasis on their evolution and phylogenetic relationships.

†BIO 338 PLANT STRUCTURE AND FUNCTION (4 Hrs.)

Study of structure, function, development, and reproduction of vascular plants with emphasis on interrelationships between structure and function. Offered each fall.

†BIO 345 GENERAL MICROBIOLOGY (4 Hrs.)

Emphasis on structure, physiology, classification, and growth of bacteria and their viruses; survey of fungi and viruses of higher forms. Laboratory includes study of individual species as well as natural microbial populations. Offered each fall.

BIO 361 GENERAL PHYSIOLOGY (4 Hrs.)

Physiological systems in selected vertebrates: nervous system, kidney function, cell membranes and permeability, heart and circulation, respiration and gas transport, energetics and thermoregulation, and endocrine regulatory mechanisms. Prerequisite: general chemistry and mathematics. Knowledge of organic chemistry suggested.

***BIO 371 PRINCIPLES OF ECOLOGY (4 Hrs.)**

Structure and function of ecological systems including basic ecological principles and concepts; the habitat approach with major units of both aquatic and terrestrial ecosystems. Laboratory involves in-depth study of terrestrial communities. Recommended fall of junior year.

†BIO 375 AQUATIC BIOLOGY (4 Hrs.)

Study of microscopic and macroscopic aquatic animals and plants including ecology, functional morphology, and some taxonomy. Field experience is an integral part of the course.

BIO 381 BIOPHYSICAL MAN (4 Hrs.)

Study of the function of the human body with emphasis on the integrative components of human physiology. Required of Nursing students.

BIO 382 BASIC IMMUNOLOGY (1 Hr.)

Survey course with emphasis on use of antibody-antigen systems as tools. Accepted for biology concentration by petition only. Required of Medical Technology students.

BIO 400 UNDERGRADUATE RESEARCH (1-4 Hrs.)

Independent investigation of specific problem of interest to the student. Before enrolling, student must select a faculty member from the Biology Program to direct and review the project. Research paper, formal seminar, or both may be required for credit. Maximum of 4 semester hours may be earned in this course. Offered each semester.

BIO 415 BIOCHEMISTRY I (4 Hrs.)

Survey of energy metabolism, structure, biological function, and biosynthesis of proteins, enzymes, nucleic acids, and other important cellular components. Introduction to biochemical literature. Laboratory includes preparative and analytical techniques. Prerequisite: organic chemistry. Offered Fall Semester.

BIO 416 BIOCHEMISTRY II (4 Hrs.)

In-depth studies of selected topics. Biochemical literature utilized extensively. Laboratory involves one half independent projects and one half introduction to selected sophisticated biochemical techniques. Prerequisite: BIO 415 or equivalent. Offered Spring Semester.

BIO 422 ELECTRON MICROSCOPY (4 Hrs.)

Theory and procedures of electron microscopy, integrated with an understanding of ultrastructural morphology. Competency is developed within three broad areas including material preparation, instrumentation, and information processing through technique modules and an individual research project.

BIO 425 IMMUNOLOGY (4 Hrs.)

Analysis of host defense mechanisms and the immune response. Specific topics: antigens, antibodies and their reactions, humoral and cell-mediated responses, inflammation, antigen processing. Prerequisite: BIO 345 or equivalent.



BIO 426 PLANT PHYSIOLOGY (4 Hrs.)

Examination of physiological processes, mechanisms, and models involved in water relations, photosynthesis, nutrition, growth, and development of plants with emphasis on vascular plants.

BIO 431 HISTOLOGY (4 Hrs.)

Structure and function of fundamental tissues and combinations of such tissues that form different organs.

BIO 432 CYTOLOGY (4 Hrs.)

Structure and function of cells and organelles. Laboratory studies include theory and application of research techniques of electron microscopy, cytochemistry, and cell physiology. Prerequisite: general chemistry and BIO 311, or equivalents.

†BIO 435 INVERTEBRATE BIOLOGY (4 Hrs.)

Comprehensive study of major and minor invertebrate phyla. Emphasis on morphology and "special features" of living and preserved specimens that facilitate recognition. Lecture/discussions, seminars, laboratory, and occasional field work.

†BIO 436 VERTEBRATE BIOLOGY (4 Hrs.)

Ecological study of backboned animals. Brief account of organ systems of vertebrate classes followed by principles of systematic biology, factors governing distribution, adaptation, reproductive physiology and behavior, and population dynamics.

†BIO 438 ALGOLOGY (4 Hrs.)

Identification, morphology, physiology, and ecology of algae with emphasis on freshwater forms. Spring Semester, when offered.

BIO 439 ANATOMY OF VASCULAR PLANTS (4 Hrs.)

Structure, development, and organization of cells, tissues, and tissue systems of vascular plants. Comparative anatomy of root, shoot, flower, and seed.

BIO 446 VIROLOGY (3 Hrs.)

Study of bacterial cells with their viruses, which form the basis for study of interactions of mammalian cells and their viruses. Use of viruses in transfer of genetic information also discussed. Prerequisite: BIO 345 or BIO 416 or equivalent.

BIO 447 MEDICAL BACTERIOLOGY (2 Hrs.)

Concise overview of pathogenic bacteriology. Includes discussion of techniques for culturing and identifying bacteria and an introduction to epidemiology. Prerequisite: BIO 345 or equivalent. Required of Medical Technology students.

BIO 448 MEDICAL MYCOLOGY (2 Hrs.)

Concise overview, concentrating on area of medically significant organisms. Lecture and laboratory. Prerequisite: BIO 345 or equivalent. Required of Medical Technology students.

BIO 449 ADVANCED MICROBIOLOGY (4 Hrs.)

Examination of selected advanced topics which may vary in response to student population, but including aspects of microbial physiology such as growth, metabolism, photosynthesis, and genetics. Prerequisite: BIO 345 or equivalent.

BIO 464 COMPARATIVE PHYSIOLOGY (4 Hrs.)

Comparative study of major systems in representative animal phyla. Includes osmotic and ionic regulations, respiration, circulation, endocrine function, nutrition, and excretion. Prerequisite: BIO 361 or equivalent.

BIO 468 ETHOLOGY (ANIMAL BEHAVIOR) (4 Hrs.)

Historical foundations of ethology; current methods, concepts, and research problems; analysis of the organization of behavior in individual animals; and application of human behavior. Field observations, laboratory exercises, and independent projects emphasized.

- BIO 469 FIELD METHODS IN TERRESTRIAL BIOLOGY** (2 Hrs.)
Collection methods, marking, sexing, aging, home-range measurement, habitat analysis, and evaluation. Laboratory involves group projects. Prerequisite: BIO 474 (may be taken concurrently).
- BIO 472 FIELD METHODS IN AQUATIC BIOLOGY** (2 Hrs.)
Collection, enumeration, and biomass determination of aquatic plants, periphyton, plankton, nekton, and benthos as well as methods used to characterize standing or running-water environments in which the latter organisms live. Prerequisite: BIO 375. Spring Semester, when offered.
- †**BIO 473 PARASITOLOGY** (4 Hrs.)
Emphasis on life history, morphology, and taxonomy of major groups. Field work required. Laboratory experiments include host-parasite relationships, physiology, and biochemistry of representative systems.
- BIO 474 POPULATION BIOLOGY** (4 Hrs.)
Analysis of population structure (demography); measurement of population productivity, density, and distribution; study of ecological and evolutionary parameters which define relationships within and between populations (population genetics). Lecture and laboratory. Knowledge of statistics suggested.
- BIO 475 LIMNOLOGY** (4 Hrs.)
Study of structure and function of aquatic ecosystems. Interrelationships of physical, chemical, and biological factors emphasized. Prerequisite: BIO 375 (may be taken concurrently). Offered Fall Semester.
- BIO 478 DEVELOPMENTAL BIOLOGY** (4 Hrs.)
Causal analysis of the chemical and cellular factors involved in reproduction, cellular differentiation, organogenesis, regeneration, metamorphosis, growth, senescence, and death in representative plants and animals. Prerequisites: BIO 333, BIO 338, BIO 415, or their equivalents.
- BIO 479 EVOLUTION** (4 Hrs.)
Examination of the origin of life and history of development of living systems. Analysis of classical and neo-classical Darwinism and mechanisms of evolution with emphasis on microevolutionary studies as an analytical tool.
- BIO 481 PLANTS AND CIVILIZATION** (3 Hrs.)
Interrelationships of plants and man in his evolution and cultural development.
- BIO 485 HISTORY OF MEDICAL SCIENCE** (2 Hrs.)
Changes in scientific interpretations of human function and dysfunction and their influence on the development of modern medical practices and health science professions.
- BIO 487 THE EVOLUTION OF BIOLOGICAL THOUGHT** (2 Hrs.)
Scientific and technological advances from 1500 which have laid the foundations for major biological concepts and disciplines of today.
- BIO 488 SCIENCE: AN INSTITUTION AND A PROCESS** (2 Hrs.)
Study of the relationship between the methodology and focus of science as a profession and the role of a scientist in a complex, technological society.
- BIO 500 GRADUATE RESEARCH** (1-10 Hrs.)
In-depth investigation of a biological topic. Before beginning graduate research, students must have been granted degree candidacy status and have formed an examination committee to approve and review progress of the project. Research paper and formal seminar required for credit. Maximum of 10 semester hours may be applied toward the degree. Offered each semester.
- BIO 501 GRADUATE SEMINAR** (2 Hrs.)
In-depth exploration of biological topic with emphasis on methods of library research, organization of material, and techniques for presenting information. Required of M.A. candidates. Offered each semester.

BIO 511 TOPICS IN CELL BIOLOGY (1-4 Hrs.)

Intensive study of a topic under investigation by contemporary cell biologists. Description of topic for a given semester will be stated in schedule of classes. Prerequisite: dependent upon topic.

BIO 512 LIGHT MICROSCOPY AND PHOTOMICROSCOPY (2 Hrs.)

Applications of optical research tools to various types of biological materials and problems. Includes darkfield phase, differential phase, and Nomarski phase systems as well as principles of photomicroscopy.

BIO 523 PHYSIOLOGICAL INSTRUMENTATION (2 Hrs.)

Designed to establish competency in techniques and instrumentation used in physiological research. Includes surgical techniques, choice and use of anesthetics, multichannel polygraphs, oscilloscopes, and animal respirators.

BIO 524 RADIOISOTOPES IN BIOLOGY (4 Hrs.)

Use of radioactive materials in analysis of biological processes and the safety precautions which must be followed when pursuing such investigations. Prerequisite: BIO 415 or its equivalent.

BIO 551 ADVANCED CELL BIOLOGY (4 Hrs.)

Cell structure and function, physiochemical properties, and cellular interactions. Prerequisites: BIO 311 and BIO 415 or equivalents.

BIO 571 ADVANCED ECOLOGY (2 Hrs.)

Practical application of ecological theory to regional environmental problems, both terrestrial and aquatic. Designed especially for M.A. students majoring in environmental biology. Prerequisite: satisfactory matriculation into environmental biology curriculum.

Child, Family, and Community Services

B.A.
(60 Hrs.)

M.A.
(48 Hrs.)

PROGRAM FACULTY — Martha L. Atteberry, Ephraim Fischoff,
Carole McHugh, Caryl T. Moy, Michael
Townsend, Donald Yohe.

The Child, Family, and Community Services Program prepares students to work effectively with people and their community systems. The major emphasis is on personal growth for the professional and a thorough understanding of other persons. The program prepares students for professional service and provides them with skills based upon sound academic course work. The integration of the knowledge and skill portions of the program is provided through field work experience. Students in this program are generally planning for careers in the human services, ranging from day-care services to institutional care of senior citizens.

BACHELOR'S DEGREE

Core Courses. The required core courses focus on communication



skills, an understanding of human development and behavior, techniques of professional interpersonal relationships, and the cultural network of helping systems.

Specialty. Students are better prepared for entering the work world if they possess a specialized body of knowledge related to a service area. For this reason, each student must take 16 hours of course work in a specialty. These courses may be within the CFC Program or in other university offerings. Specialties include child care and child welfare, adolescence, aged, advocacy, family-life studies, social work, community work, and elementary education. There is also opportunity for students with specialized educational or vocational goals to develop their own specialty with the assistance of the adviser.

Field Work. Each student must complete a minimum of eight hours in an approved community field placement. This generally means at least one and one-half days each week, including supervision (Approximately 50 hours of field experience earns one credit hour.). A student currently employed in a social service organization may earn a maximum of four hours of field work credit in that employment situation if some new aspect of service is represented and if the adviser approves. Students choose their field work placement with the approval of their adviser. The eight-hour minimum field work requirement meets the university requirement of an Applied Study Term. However, field work is a pivotal aspect of learning in the CFC Program and students are encouraged to take up to 16 hours of field work credit.

GRADUATION REQUIREMENTS

For the B.A. degree, a graduate must complete the following requirements.

1. Core curriculum — usually taken approximately in this order:
 Communication Skills for the Human
 Services CFC 303 (2 Hrs.)

Dynamics of Being Human

(or equivalent) CFC 408 (4 Hrs.)

The Helping Relationship. CFC 401 (4 Hrs.)

The Helping System

(or equivalent) CFC 405 (2-4 Hrs.)

2. Student's area of specialty — 16 hours. Courses suitable for each specialty are suggested by the adviser.
3. Field Work — 8 hours minimum, 16 hours maximum (meets AST requirements).
4. Public Affairs Colloquia — 6 hours: a university requirement.
5. Electives — balance needed to complete 60 hours.

THE MASTER'S DEGREE

The Master of Arts degree in Child, Family, and Community Services is an advanced-level professional training program for students who have already had some experience in the human services or are very clear about the area of service for which they wish to prepare themselves.

The program has certain general entrance requirements and an admission process for all degree candidates. The prerequisites are a general course in human behavior, knowledge of the network of the social systems, and a basic level of interviewing skills. The admission process includes review of a student's transcript, filing of an application form, and submission of a three- to five-page autobiography. A complete outline and further description of the autobiography are available from the admissions office. Students may take up to eight hours of course work without formal admission, but every degree candidate must meet prerequisites and admission requirements and sign a learning contract with his or her adviser before continuing in the curriculum.

The master's program requires 48 credit hours. For students entering this major without academic work and field experience in the human services, additional hours may be required. In some cases waivers may be granted to students for prior academic work or experience. Determination of deficiencies will be made at the time of admission to the program.

Curriculum Requirements

Human Growth and Development — 2 courses, 8 hours.

The Role of Social Services in the Democratic Society — 2 courses, 8 hours.

Social Research Skills — 4 hours.

Direct service skills — 4 hours. Appropriate course to be determined with adviser.

Specialty — 16 hours.

Internship — 4 hours.

PAC — 4 hours.

Internship

Every graduate will spend a minimum of 400 hours (four hours of academic credit) in an internship experience. This may be either in a student's current place of employment or in a new situation. A maximum

of four hours of internship credit may apply toward the degree. Internship requires the application of knowledge in direct service skills. Weekly supervision is required and may be supplemented by written, taped, or video taped segments of the student's work. This experience may be concurrent with course work or may be done in a block of time in another community. In either case, the internship must be discussed carefully with the adviser, both prior to and during the experience.

Areas of Study

1. Children's services. Prepares student for careers in fields such as child care, early childhood education, institutional care of children, and child welfare services (foster care, adoption, and services related to child abuse).
2. Family studies. Combines courses in the history of family development, comparative studies in family organization, sociology of family life, human sexuality, marriage, parenting, and family therapy.
3. Community services. Prepares students to understand the complex forces that form communities. Special emphasis is placed on strategies for social change. Career opportunities in this area might include work in client advocacy, community development, youth outreach services, and neighborhood organizing.
4. Social services. Prepares students who want to work in traditional social work areas. The emphasis is on a variety of service delivery patterns, such as case work, group work, and community organization. The character of this area of study is similar to that of the MSW degree.

CHILD, FAMILY, AND COMMUNITY SERVICES/ Course Descriptions

BACHELOR OF ARTS

CORE COURSES

CFC 303 COMMUNICATION SKILLS FOR HUMAN SERVICES (2 HRS.)

Focuses on development of interpersonal communication skills. Emphasizes skills that facilitate helping and convey empathy. Also provides orientation to CFC Program.

CFC 401 THE HELPING RELATIONSHIP (4 Hrs.)

Examines the professional relationship as the basic tool for the helping professions. Includes elements of a relationship, treatment models, philosophy of help, basic interviewing skills, empathy training, and principles of confidentiality.

CFC 405 THE HELPING SYSTEM: WHO SERVES WHOM? (2-4 Hrs.)

Study of the relationship between community-provided structures for meeting needs and societal groups they are designed to serve. Students survey the community's helping services.

CFC 408 THE DYNAMICS OF BEING HUMAN (4 Hrs.)

Explores the relationship between human development forces and one's conscious choices. Includes physical development from birth to death, theories of personality, and key aspects of human behavior.

CFC 409 SENIOR SEMINAR (2 Hrs.)

Integration of CFC courses and the student's specialty. Designed for seniors. Examines realities of the helping professions and includes a problem-solving experience.

GENERAL COURSES**CFC 306 CHILDREN'S SERVICES (2 Hrs.)**

Survey of services currently available for the vulnerable child. Includes a history of child welfare services: adoption, foster care, placement, day care, residential treatment, and special programs.

CFC 335 CREATIVITY AND PLAY FOR CHILDREN (4 Hrs.)

Examines the role of play in social, emotional, physical, cognitive, and creative development of children. Also, how play can be utilized to accomplish specific objectives.

CFC 348 CREATIVE DAY CARE (4 Hrs.)

Examines models of early childhood education, day-care operations. Emphasis on program development tools such as literature, art, science, and movement.

CFC 355 MARRIAGE: MYTHS, MEANINGS, AND MODELS (4 Hrs.)

Exploration of roles, communication, and expectations in the marital relationship. Involves reading, couples interviews, film presentations, and special projects.

CFC 360 FOCUS SERIES (2 Hrs.)

Series of seminars held on selected Friday afternoons, conducted by experts. Subject areas relate to children, families, and communities. Each semester represents a different focus. Open to the public. May be repeated for a maximum of 4 hours.

CFC 421 CASE ASSESSMENT AND THE PROCESS OF CHANGE (4 Hrs.)

Examines skills and information necessary for diagnosis and formulation of a treatment plan and the philosophy and process of change. Emphasis on the integration of self-awareness, relationship patterns, and dynamics of human behavior. Prerequisite: CFC 401 or permission of instructor.

CFC 427 ADVANCED INTERVIEWING AND INTERVENTION (4 Hrs.)

Advanced course in the helping relationship with emphasis on skill development. Recommended for those in human services who utilize therapeutic interviewing.

CFC 438 CHILDREN AND THE LAW (2 Hrs.)

Designed for the human services professional who deals with children and their families. Examines laws affecting the lives of children from birth to adulthood.

CFC 444 CHILD CARE IN THEORETICAL AND HISTORICAL PERSPECTIVE (4 Hrs.)

Theories of major thinkers on child care and practical application of those theories.

CFC 447 STREET WORK WITH ADOLESCENTS: INTRODUCTION TO COMMUNITY OUTREACH WORK (4 Hrs.)

Exploration of theories, techniques, and models of working with troubled adolescents and their families. Studies ways that neighborhood residents can organize and provide leadership for important community activities.

CFC 448 COMMUNITY OUTREACH WORK: DISCOVERING STRENGTHS OF LOW-INCOME NEIGHBORHOODS (4 Hrs.)

Examination of specific techniques of neighborhood organizing, using indigenous people and resources. Uses Chicago Area Project for delinquency prevention as the primary model. Explores ways of identifying leadership and resources in low-income neighborhoods.

CFC 450 FIELD WORK-GENERIC (2-8 Hrs.)

Basic component of the program where student applies class learning to street service in approved community agency. Regular supervision and seminar attendance required. Approximately 50 hours of direct service earns 1 credit hour. May be repeated for a maximum of 16 hours.

COPE

Attitudes, skills, and knowledge necessary for working as "advocates" with de-institutionalized adolescents under the care of the Illinois Department of Children and Family Services.

CFC 456 HUMAN SEXUALITY (4 Hrs.)

Exploration of knowledge and values toward issues of human sexuality with emphasis on sociological content, personal growth, and professional development. See HDC 456 and SOA 456.

CFC 458 MAKING THE MOST OF MONOGAMY (1 Hr.)

Enrichment of marriage relationship by developing effective communication skills. Uses the Minnesota Couples Communication Program. Limited to six heterosexual couples, married or about to be married. Attendance at all five sessions required. Offered when petitioned by five couples.

CFC 460 SPECIAL STUDIES IN SERVICES TO CHILDREN (1-4 Hrs.)

Individualized study of one or more topics. Each topic has its own resources and activities. Credit depends on topic and extent of development. See adviser. May be repeated for a maximum of 8 hours.

CFC 463 WORKSHOP IN FAMILY LIFE AND SEXUALITY EDUCATION (4 Hrs.)

Workshop for elementary and secondary teachers focusing on methods and materials for implementing family-life education. Common areas of sexual identity and family relationships are examined. Each student is required to develop a teaching unit appropriate to his or her level.

CFC 470 SPECIAL STUDIES IN SERVICES TO FAMILIES (1-4 Hrs.)

Individualized study of one or more topics. Each topic has its own resources and activities. Credit depends on topic and extent of development. See adviser. May be repeated for a maximum of 8 hours.

CFC 480 SPECIAL STUDIES IN ADVOCACY AND COMMUNITY SERVICES (1-4 Hrs.)

Individualized study of one or more topics. Each topic has its own resources and activities. Credit depends on topic and extent of development. See adviser. May be repeated for a maximum of 8 hours.

CFC 482 AGING AND THE SOCIAL SERVICES (4 Hrs.)

Examination of the process and condition of being aged and the social services that operate to lessen the problems of aging. Evaluation of services and attitudes and policies that inhibit or promote delivery of those services.

CFC 485 HISTORY OF CHILDREN'S LITERATURE (4 Hrs.)

Study of books children read before there was a "children's literature," as well as books written for children. Includes a social history of children and the family. See LIT 485.

CFC 490 SPECIAL STUDIES IN SOCIAL WORK (1-4 Hrs.)

Individualized study of one or more topics. Each topic has its own resources and activities. Credit depends on topic and extent of development. See adviser. May be repeated for a maximum of 8 hours.

MASTER OF ARTS**CORE COURSES****CFC 501 DEVELOPMENT OF PERSONS: NORMAL AND ABNORMAL (4 Hrs.)**

Exploration of the subtleties of human development and functioning. Examines in detail the development of dysfunctional behavior.

CFC 502 DEVELOPMENT OF PERSONS II (4 Hrs.)

Continuation of CFC 501.

**CFC 503 THE ROLE OF SOCIAL SERVICES IN
A DEMOCRATIC SOCIETY I (4 Hrs.)**

Examination of the history, philosophy, and development of social services; variety of roles currently carried by social services; and exploration of what new models might be developed. Some examination of the interrelationship of selected social problems and public attitudes and policy.

**CFC 504 THE ROLE OF SOCIAL SERVICES IN
A DEMOCRATIC SOCIETY II (4 Hrs.)**

Continuation of CFC 503.

CFC 505 SOCIAL RESEARCH SKILLS (4 Hrs.)

See SJP 440, SOA 411, or SOA 511.

CFC 550 INTERNSHIP (2 or 4 Hrs.)

Intensive direct service experience in a social service agency. Regular supervision required. Placement is developed with the adviser. 50 hours of service earns 1 credit hour. Service time may be concurrent with classes or may be full time. May be repeated for maximum of 8 hours' credit.

CFC 525 PREVENTIVE PROGRAMMING (2 Hrs.)

Study of models for conceptualizing preventive programs. Students design and when possible implement a preventive program in the community.

CFC 541 STAFF DEVELOPMENT AND SUPERVISION (4 Hrs.)

Provides training and background understanding of personnel issues, staff development models, and principles of direct supervision.

CFC 542 PROGRAM PLANNING AND EVALUATION (4 Hrs.)

Study of the elements of evaluation of social agencies, including need, effectiveness, and utilization of resources. Helps students to develop basic skills and understanding for both planning and evaluation.

CFC 566 GROUP THERAPY (4 Hrs.)

Group dynamics research and theory combined with group therapy theories and leadership techniques. Extensive reading required. Class sessions are devoted to clarification of the readings. Discussion of recent articles, movies, and simulations demonstrate group processes and teach specific leadership techniques. See PSY 566.

CFC 587 FAMILY THERAPY (4 Hrs.)

Intensive study of family systems and family therapy. Communication styles influence individual interpersonal relationships in intimate, social, and work transactions.

Additional suitable courses are available from an adviser.

Communication

B.A.
(60 Hrs.)

M.A.
(32 Hrs.)

PROGRAM FACULTY — Austin Carley, Henry Nicholson, Dale Ouzts,
Larry Smith, Dan Spillane, Lynda Toth,
David Viera.

ADJUNCT FACULTY — Dean Fenley.

The Communication Program is concerned with the exchange of information, how it is hindered and facilitated, and how it affects people in their personal and social existence. The program seeks to enhance stu-

dents' understanding of the effect of messages and media on society and the development of message-making skills and techniques. To facilitate the achievement of those goals, the curriculum addresses the analytical-critical, production-technical, and theoretical aspects of communication topics. The program also emphasizes the development of an ability to employ communication technologies creatively.

ADMISSIONS REQUIREMENTS

The requirements for admission to the program as a candidate for the Bachelor of Arts degree are identical with general university requirements.

For admission to the Master of Arts program, the student must have a bachelor's degree or its equivalent. The program reserves the right to require additional course work where deficiencies are indicated.

THE BACHELOR'S DEGREE

The student must satisfy general university requirements and also complete 28 hours at the upper-division level in communication courses. All undergraduate students are required to complete COM 301 The Study of Communication during their first year of study.

Students at the bachelor's level, together with the adviser, are expected to develop the 28-hours concentration so that it reflects comprehension of a variety of communication media and message styles, and addresses the impact of message and media on people and social structures.

The undergraduate student who wishes to pay particular attention to a specific communication form may develop that interest in the elective hours which the bachelor's degree allows.

Those students who contemplate entering the master's program in communication are advised to take COM 411 Analyzing Communication Processes.



THE MASTER'S DEGREE

In addition to university requirements, the master's degree in communication requires 28 hours in the concentration made up of communication-listed courses at the 400 or 500 level. The student, in consultation with the adviser, is responsible for developing a focused course of study which incorporates successful demonstration of analytical technique. To that end, COM 501 Research Methods in Communication is a required course which provides the methods necessary for empirical investigative work.

Satisfactory completion of COM 500 Thesis is also required for graduation. Each student will develop and complete a project of current value within the field. The student should consult the adviser for detailed instruction on how to complete the thesis requirement.

The graduate program is distinct and separate from the undergraduate program even though the two have courses in common. Graduate students should expect special assignments in 400-level courses.

PROGRAM ADVISING

Each new student is urged to select an adviser soon after the beginning of the first term. Those who do not will be assigned advisers. The adviser will help the student develop a course of study based on program requirements and personal interest.

A prospectus form is available for use in pre-planning a course of study. The completed form should be submitted to the adviser or program coordinator for an early opinion on the adequacy of a proposed course of study.

COURSE OFFERINGS

Through its offerings, the Communication Program makes available to students a curriculum which investigates a variety of media and the effects they have on people and society.

Tutorials may be designed by students who wish to explore a subject not covered by a regular course so long as the tutorial is administered by a competent tutorial director. Determination of the applicability of the tutorial toward a communication concentration is made by the adviser or the full program committee if there is reasonable doubt.

Courses which are cross-listed with the Communication Program appear at the end of the Communication Program course descriptions. The number of cross-listed hours a student may include in the concentration normally should not exceed 12.

COMMUNICATION/Course Descriptions

COM 301 THE STUDY OF COMMUNICATION (4 Hrs.)

Overview of contemporary communication studies, with contributions from all communication faculty on topics ranging from photography to communication theory. Provides the philosophy and framework for all communication studies; required of all undergraduate students entering the program.

- COM 309 THE APPROACH TO LITERACY (4 Hrs.)**
 Develops language listening skills and improves writing skills through the method of ear training. Through tapes, film, and reading aloud, the student learns to recognize, speak, and write well-phrased English. Class time is divided equally among hearing, reading aloud, writing, and study of linguistic theories which support the method.
- COM 374 JOURNALISM: THEORY AND PRACTICE (4 Hrs.)**
 Examination of current issues in journalism, with emphasis on the role of the press in the United States today. Students also write news and feature stories. See LIT 374.
- COM 406 INTERPERSONAL COMMUNICATION (4 Hrs.)**
 Analyses of the process of interpersonal communication leading to rewarding outcomes for the participants, and of the information and prediction processes which led to those outcomes. Personality and relational factors are discussed, as well as techniques for their measurement. Comparisons with other popular views of interpersonal communication.
- COM 408 LEADERSHIP AND DYNAMICS OF SMALL-GROUP COMMUNICATION (4 Hrs.)**
 Discussion of the dynamics and leadership of the small group: group cohesiveness, motivation, conflict resolution, task completion, and communication climates. Interpersonal persuasion and attraction in relation to proxemic, kinesic, and verbal behavior in the group setting.
- COM 409 PERCEPTION AND COMMUNICATION: SYMBOLS IN A GLOBAL VILLAGE (4 Hrs.)**
 Examination of human perception in the intercultural situation; study of communication as an aspect of culture, symbol systems, and language environments. Includes perceptual and belief structures present among various groups in the world setting.
- COM 411 ANALYZING COMMUNICATION PROCESSES (4 Hrs.)**
 Introduction to techniques of analysis as they apply to the study of human communication behavior. Discussion and application of knowledge-generating techniques are grounded in real communication situations. Familiarity with methods presented allows student to interpret and criticize communication research studies.
- COM 412 PSYCHOLINGUISTICS (4 Hrs.)**
 Psychology of spoken and written language. Major topics are psychology of language acquisition in children, linguistic competence and performance, biological and social context of language, and language as behavior.
- COM 413 INDIVIDUAL IN A MASS CULTURE (4 Hrs.)**
 Stress, change, and mobility as message effects of human interface with the technological environment. Examines individual life in a mass culture as well as the informational input and sensory overload in modern life. Inner growth and alternative life-styles discussed.
- COM 414 ETHNOGRAPHIC MEDIA PRODUCTION (4 Hrs.)**
 Human communication behavior in visual and sound environments; uses media production as a methodological tool to reveal and explore human interaction. Some media production experience is desirable. Prerequisite: COM 301.
- COM 415 LANGUAGE ACQUISITION: THE FORMATIVE YEARS (4 Hrs.)**
 Language acquisition in the infant and its development through the acquisition of writing at grade-school age. Major focus is a comparison of spoken and written communication, as well as the writing readiness of a child of six.
- COM 430 STUDIES IN THE ART OF FILM (4 Hrs.)**
 Exploration in depth of a particular film genre, the cinema of a nation, or the work of a particular director. Topics include Italian cinema, French cinema, the Western, Orson Welles, Federico Fellini, and others. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.
- COM 431 FILM AS ART (4 Hrs.)**
 Examination of the techniques of film art. Major works screened and analyzed are films

by Bergman, Fellini, Kurosawa, and Resnais. Students are encouraged to undertake short film projects. Some practical instruction given.

COM 432 EXPERIMENTAL FILM WORKSHOP (4 Hrs.)

Investigation of what is "experimental" in cinema with emphasis on the short film and the East European cinema. Students undertake an experimental film project. Practical instruction provided.

COM 441 PROPAGANDA AND PERSUASION (4 Hrs.)

Study of historical examples of political, philosophical, and social propaganda as persuasive techniques, through films, lampoons, handbills, verbal and oral communication. A critical analysis of propaganda technique used in one current rhetorical situation is completed by each student.

COM 442 RESPONSIBILITIES OF MASS COMMUNICATION (4 Hrs.)

Philosophy and theory of mass media and responsibilities inherent in proper use of mass communication. Areas of particular concern include Congressional actions, Federal Communications Commission rules and regulations, judicial precedents, and public responsibilities.

COM 443 IMPACT AND POTENTIAL OF TELEVISION (4 Hrs.)

Study of the birth, adolescence, and near-adult period in the history of television's growth. Areas of particular concern in regard to TV's impact and potential and possible forced alterations include news, race relations, sports, entertainment, politics, and the family.

COM 444 RADIO BROADCASTING (4 Hrs.)

Overview of radio from Marconi to the present, including studies of current management, programming, and news philosophies. An opportunity to learn production, news, and announcing techniques. Study of material including Federal Communications Commission Third Class License Examination.

COM 445 PUBLIC BROADCASTING (4 Hrs.)

History and growth of instructional/educational/public broadcasting from the vantage point of Congress, Federal Communications Commission, local broadcast facilities, and local communities.

COM 446 BROADCAST MANAGEMENT (4 Hrs.)

Examination of specific management needs in areas of engineering, law, programming, FCC, advertising, production, personnel, organization, construction, equipment, traffic, research, unions, creativity promotion, advertising, politics, accounting, public relations, publicity. All areas of management are studied under the Management by Objective theory.

COM 451 FILMMAKING I (4 Hrs.)

Investigation of techniques and art of filmmaking designed for the serious student of film; emphasis is on cinematography.

COM 452 FILMMAKING II (4 Hrs.)

Continuation of Filmmaking I with emphasis on editing.

COM 455 ADVANCED FILMMAKING I (4 Hrs.)

Seminar course which investigates a particular aspect of film technique. The course is designed not only for filmmakers but for others interested in pursuing research in film criticism/aesthetics.

COM 456 ADVANCED FILMMAKING II (4 Hrs.)

Continuation of Advanced Filmmaking I.

COM 459 BASIC FILMMAKING (4 Hrs.)

Practical and aesthetic introduction to filmmaking designed to give an over-all view of the art of film. Workshop course consists of lectures, demonstrations of film techniques, survey of film history, and a glance at film theory.

COM 462 BASIC VIDEO PRODUCTION (4 Hrs.)

Introduction to equipment, materials, and techniques used in television broadcasting,

including television cameras, graphic materials, and fundamental principles of television writing. Students also develop basic skills in television directing.

COM 463 TV PRACTICUM (4 Hrs.)

Workshop course which provides opportunities to gain experience and hone skills in television and video production. Basic knowledge of television is assumed.

COM 465 COMMUNITY VIDEO (4 Hrs.)

Examination of the current status of community-access video and small-format television production as they give expression to local needs and interests. Students examine the video phenomenon at large as well as become involved in its application to the Springfield community.

COM 468 THE RADIO NEWSPERSON (4 Hrs.)

Examination of skills, techniques, roles, and influence of a radio newsperson. Emphasis is on tools, writing, and reporting skills, as well as on laws governing broadcast news, ethics of the profession, and growing responsibilities of broadcast reporters.

COM 469 INVESTIGATIVE RADIO DOCUMENTARY (4 Hrs.)

Examination of content, reporting, editing and writing skills, and production of news-oriented radio documentaries. Investigative reporting skills discussed and applied. Several mini-documentaries and longer programs are produced.

COM 472 THE FEATURE ARTICLE (4 Hrs.)

Competency-based course in writing nonfiction. Emphasis on style, usage, and marketing. Instruction is presented in written units followed by practical writing assignments. Credit earned only by producing publishable material.

COM 476 ORAL READING (4 Hrs.)

Course designed to develop awareness of the voice and of the English language. Students experience literature as it began, as words spoken and heard. Students learn to use their voices as communication instruments towards the renaissance of an appreciation of the spoken word.

COM 479 PUBLIC SPEAKING FOR BUSINESS AND COMMUNITY LEADERS (4 Hrs.)

Performance course preparing the individual for formal and informal speaking situations where there is need to inform and persuade. Argumentation and debate strategies are studied for practical application in legislative and courtroom dialogue. Videotape facilities utilized.

COM 481 PHOTOGRAPHY FOR COMMUNICATORS I (4 Hrs.)

Teaches basic competencies in determining exposure, composition, operation of cameras, processing black and white film, and making prints. Students are assisted in formulating a photographic communication philosophy of their own through exposure to pictures and thoughts of a variety of photographers. A camera with adjustable lens is required.

COM 482 PHOTOGRAPHY FOR COMMUNICATORS II (4 Hrs.)

Builds on knowledge and skills developed in COM 481. Each student completes a photo documentary project. Class and lab instruction focuses on refinement of existing skills, and other topics in which students have expressed interest (e.g., artificial light, mounting and display, color-slide processing). Prerequisite: COM 481 or permission of instructor. A camera with adjustable lens is required.

COM 483 CREATIVE PHOTOGRAPHY (4 Hrs.)

Photography as an art form is studied, and students develop their own techniques and experiments. Presumes a basic knowledge of photography and darkroom technique. Prerequisite: COM 481, COM 482, or comparable experience and permission of instructor.

COM 499 TUTORIAL

Specialized instruction; individuals or small groups of students may arrange for special courses on otherwise unavailable topics, subject to availability of an instructor and program committee approval if credit is to be applied to the communication concentration.

COM 500 THESIS**(4 Hrs.)**

In-depth exploration of a research topic; graduate students should consult during the first semester in residence with their advisers for guidelines and information on the thesis requirement. Course completion fulfills the university problem-solving requirement.

COM 501 RESEARCH METHODS IN COMMUNICATION**(4 Hrs.)**

Examination and discussion of problems associated with using scientific principles to answer questions about human communication and ethical and moral ramifications of the research process. Scientific and ethical problems are examined in terms of their effects upon communication as an integrated study of human behavior.

The following courses offered elsewhere in the university are approved for cross-listing by the Communication Program. Through petition to the program committee, it is possible for the student and adviser to obtain approval for additional courses in other programs.

CRA	308	Design
CRA	436	Publication Design
CRA	470	Style-Period Perspectives
LIT	465	History of the English Language
LIT	466	Introduction to Linguistics
LIT	471	Perceptual Writing
LIT	472	The Personal Journal
PHI	434	Philosophy of Language and Art
PHS	412	Light, Optics, and Vision
SOA	463	Propaganda, the Mass Media, and Social Control

Community Arts Management

M.A.
(40 Hrs.)

PROGRAM FACULTY — Jonathan Katz, Carole Kennerly.

ADJUNCT FACULTY — Robert Evans.

The Community Arts Management Program prepares its graduates to assume managerial positions at various levels in arts organizations of many types. The curricular focus is on community and state arts agencies, arts centers, or the arts divisions of community recreation programs. Students interested in preparing themselves for more specialized managerial positions with arts organizations such as orchestras, theater companies, museums, or dance companies may do so through an individualized program developed jointly with other academic programs.

ENTRANCE REQUIREMENTS

After being accepted into the university for graduate study, students must apply to the director of the Community Arts Management Program for admission to the program. Only a small number, 10 to 15 students, will be accepted each year. Those applying must have some academic or experiential background in the arts. It is also desirable that applicants have at least two years' work experience in some field (not necessarily the arts).



DEGREE REQUIREMENTS

Students should expect to complete the degree program in two full years, one year of course work and the second year in an internship. Each student will be expected to develop competencies in working with people, in management and grants development, and in bringing the arts and the community together. The student will be expected to develop an understanding of the position of the artist in contemporary society and to become familiar with arts organizational structures at the national, regional, state, and community levels. Students will become a part of the community arts activity in Springfield through involvement with the community's arts organizations. While working within those organizations, they will have the opportunity to apply knowledge gained through research and study within the CAM curriculum as well as insights received from arts administration professionals who visit the program from throughout the country.

To complete work for a Master of Arts degree a student must fulfill the following requirements:

ACC 427 Financial Management for Arts Organizations	4 hours
CAM 501 Forum	4 hours
CAM 502 Forum	4 hours
CAM 521 Experience	4 hours
CAM 522 Experience	4 hours
Public Affairs Colloquia	4 hours
CAM 571 Internship	8 hours
Electives	8 hours

COMMUNITY ARTS MANAGEMENT/ Course Descriptions

CAM 501 FORUM I

(4 Hrs.)

Philosophical, historical, and contemporary perspectives on the arts and society. Examines governmental, business, and individual support of the arts and explores basic skills essential to arts administration.

CAM 502 FORUM II (4 Hrs.)

Examination of information needed for successful management of arts organizations. Seeks to develop individual skills and explores resources available to arts administrators.

CAM 521 EXPERIENCE I (4 Hrs.)

Supervised practical experience in working with various arts organizations in Springfield; examines, analyzes, and evaluates the knowledge gained through the practicum in class.

CAM 522 EXPERIENCE II (4 Hrs.)

Continuation of CAM 521.

CAM 571 INTERNSHIP (8 Hrs.)

Supervised full-time off-campus work experience in an arts organization following the year's study on campus. Students convene on campus in June for a two-weeks intensive evaluation of the internship experience with several faculty members from various disciplines.

The following courses are approved by the CAM Program for cross-listing in fulfillment of the degree requirements. These and other courses may be approved by the student's adviser in working with the student to tailor a program to meet particular needs of each student.

ADB	401	Organizational Dynamics
ADP	551	Public Employees and Politics
COM	479	Speaking for Business and Community Leaders
CRA	470	Style-Period Perspectives
CRA	480	Topical Perspectives
ECO	455	State and Local Finance
ENP	413	Midwest Rural Life and Its American Regional Backgrounds
ENP	415	Workshop in Rural Life
HIS	404	The American Midwest: A Cultural and Historical View
HIS	406	American Decorative Arts to 1900
HIS	409	Rural Historic Preservation
POS	452	Politics of State Government

Creative Arts

B.A.

(60 Hrs.)

PROGRAM FACULTY — Robert Dixon, Nina Kasanof, David Robinson, Guy Romans, Mark Siebert, Daniel Spillane, Jerry Troxell.

ADJUNCT FACULTY — Leslie Conavay, Carlton Eldridge, Robert Evans, Henry Friesen, Mauri Formigoni, Lucinda Garretson, Richard Garretson, Fred Greenwald, Deborah Hadley, Sr. M. Annunciata Horan, David Lehrman, Marian Levin, David Mitchell, Elizabeth Ricketts, Robert Wagenknecht, Theresa Wagenknecht, Harriet Williams.

The Creative Arts Program provides a setting for the interdisciplinary

and multidisciplinary study of music, the visual arts, theater, and creative writing. It is founded on the conviction that human beings share a basic desire to achieve satisfaction, perspective, and inspiration from sharing original creations — their own or those of others. In keeping with this belief most courses in the program are open to all members of the university community. Even the more specialized offerings are available to students outside the program if they demonstrate to the instructors a basic preparation for the study. The program meets particularly the needs of students who wish to pursue the arts as instruments of personal growth and fulfillment as well as those who should explore creative activities to better equip themselves for careers in fields such as education, communication, recreation, civic planning, and arts administration. When augmented by directed personal study the program can serve as a preparation for advanced work in certain arts areas.

ENTRANCE REQUIREMENTS

Students intending to complete a creative arts major should have taken, before entering SSU, a survey course in the history of their field — e.g., Survey of Western Art, Survey of Music History, etc. Absence of this background will be considered a deficiency to be remedied, and students with such deficiency should consult with program faculty during their first semester of work. Students wishing to work in the program should also be able to demonstrate to the program faculty basic competence in at least one of the arts; this evaluation will take place during the first semester, and early consultation is advised. Other requirements for entrance into the program are identical with general university requirements.

DEGREE REQUIREMENTS

In keeping with the idea that deep familiarity with the arts results from both study about them and practice in them, each student's program is directed toward two goals: 1) acquiring first-hand laboratory experience, and 2) achieving a scholarly perspective. Two sorts of laboratories are offered: Experience Courses which provide introductory, exploratory study, and Studio Courses which provide more advanced instruction to improve previously acquired skills. Two types of Perspectives Courses are offered: Historical and Topical. There are no prerequisites for Perspectives Courses.

Students concentrating in an area of the visual arts (painting, sculpture, ceramics, design) are required to take a course in basic design either before entering SSU or early in their residence. Students should consult with the adviser about this requirement.

To complete work for a Bachelor of Arts in the Creative Arts a student must fulfill the following requirements:

Laboratory	16 hours (total)
Experience Courses	4 - 12 hours
(must be outside student's general area of competence)	

Studio Courses	4 - 12 hours
Private study	0 - 8 hours
Perspectives Courses	16 hours (total)
Historical	4 hours (minimum)
Topical	4 hours (minimum)
University requirements	14 hours
Public Affairs Colloquia	6 hours
Applied Study Term	8 hours
Electives	14 hours
Total	60 hours

MUSIC PROGRAM

At the time of preparation of this catalog the Creative Arts Program was planning a concentration in music. If instituted, this will be equivalent to a major in music education or, possibly, in applied music. Interested students should consult the coordinator of the Creative Arts Program about the availability of this program.

SCHOLARSHIP

The Bruce A. Magidsohn Memorial Scholarship is annually awarded to a student in the Creative Arts Program. For information see the section on Student Financial Aid.

ACTIVITIES

The Creative Arts Program sponsors a number of activities open to participation by members of the university and Greater Springfield communities.

Jazz-Rock Ensemble. The activities of courses CRA 345-445 surround the performance of the jazz-rock ensemble. Participation is not limited to students enrolled in the course. The group performs in Springfield and other communities. For further information consult Prof. Jerry Troxell.

The Sangamon Consort. This ensemble concentrates on performance of older music (primarily before 1750). Its nucleus is a recorder ensemble, but other instrumentalists and singers are used. The group gives recitals in the Springfield area and elsewhere. There is a training ensemble of recorders for players with some facility on the instrument who need experience in ensemble playing. For further information consult Prof. Mark Siebert.

Theatre. Participation in theatre productions is open to students for credit under CRA 410 and to other interested individuals. Announcement of productions, auditions, etc., is made through the media. For further information consult Prof. Guy Romans.

Gallery. The program sponsors and arranges on-campus exhibitions of the work of students, faculty, and others. Student participation, both in exhibition and management of the gallery, is handled through the Art Club. For further information consult the office of the Creative Arts Program.

CREATIVE ARTS/Course Descriptions

LABORATORY

Experience Courses provide introductory experiences in the sense-realms of the various arts. Previous arts experience or training is not required and classes are open to the entire university community.

CRA 302 PAINTING AWARENESS (4 Hrs.)

Introduction to various techniques and media of drawing and painting. Problems in analyzing and criticizing are also explored.

CRA 303 SCULPTURE (4 Hrs.)

Introduction to a variety of three-dimensional media, processes involved, and possibilities of appropriate expression.

CRA 304 CERAMICS (4 Hrs.)

Introduction to ceramic techniques, including use of the potter's wheel, slab-building, and glazing.

CRA 307 DOING MUSIC (4 Hrs.)

Performing and organizing sound using a variety of musical processes and notations. Emphasis is on learning tool skills for future explorations.

CRA 308 DESIGN (4 Hrs.)

Introductory investigation of free design elements to prepare the student for future study in painting or graphic design.

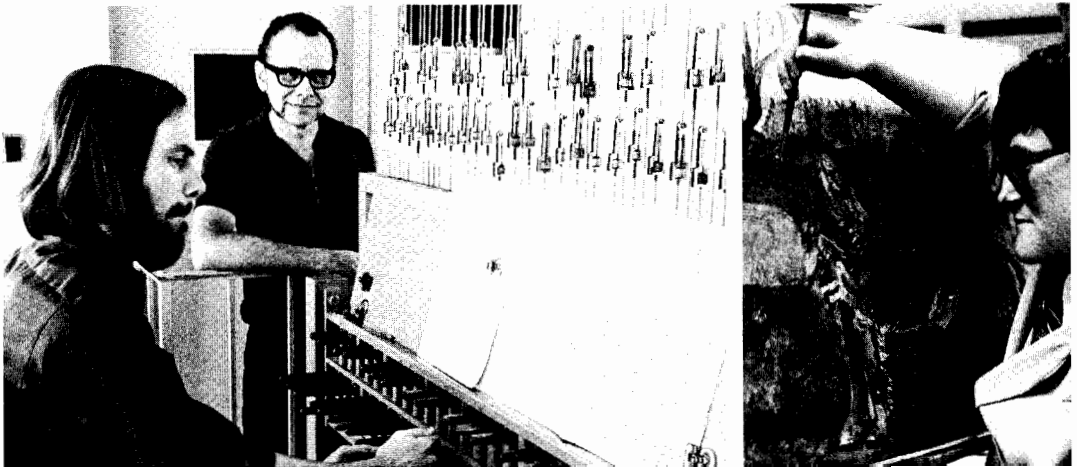
Studio Courses continue the development of previously acquired skills and techniques in a particular arts area. Enrollment generally is with permission of the instructor. Since classes are labeled I, II, III, and IV due to the changing content and the individualized nature of the instruction, a student may enter many of them out of sequence. Some courses do require a sequential progression, however, so early consultation with the instructor is advisable.

CRA 321, 322, 421, 422 PAINTING I, II, III, IV (4 Hrs.)

Concentration on the use of various painting media, such as acrylics, oil, and watercolor. Students are encouraged to work on individual as well as group projects.

CRA 325, 326, 425, 426 SCULPTURE I, II, III, IV (4 Hrs.)

Course in three-dimensional media relating to form and space. Each student works individually with the instructor.



CRA 331, 332, 431, 432 CERAMICS, I, II, III, IV (4 Hrs.)

Designed to let each student develop skills with clay, including use of the potter's wheel, slab-building, glazing. Each student works individually with the instructor.

CRA 335 PRINTMAKING I (4 Hrs.)

Exploration of traditional silkscreen techniques; photoscreening, fabric screening, and woodblock printing for the artist.

CRA 435 PRINTMAKING II (4 Hrs.)

Exploration of various intaglio techniques (etching, aquatint, engraving) and stone lithographing process.

CRA 345, 346, 445, 446 INSTRUMENTAL ENSEMBLE JAZZ-ROCK I, II, III, IV (4 Hrs.)

Ensemble performance in jazz and rock styles with emphasis on developing the student's potential for improvisation within the idiom. Experience in playing jazz or rock is necessary.

CRA 367, 467 COMPREHENSIVE MUSICIANSHIP I, II (4 Hrs.)

Integrated course in musical form and analysis, conducting, and performance. A competency equivalent to at least one year of undergraduate music theory instruction is required as a prerequisite, as is the ability to perform vocally or on a musical instrument.

CRA 370, 470 PRIVATE STUDY (1 or 2 Hrs.)

Private, applied study in one of the arts. Part of the laboratory requirement may be satisfied by private study, although students are urged to enroll in course work when possible. Program coordinator provides a list of approved instructors; fees are arranged directly between student and instructor, and are paid in addition to tuition for the semester hours of credit granted. Mostly for students in music and dance but may be used by students in other areas. May be repeated for an indefinite number of semester hours.

CRA 390 INTEGRATED PROJECT(S) (4 Hrs.)

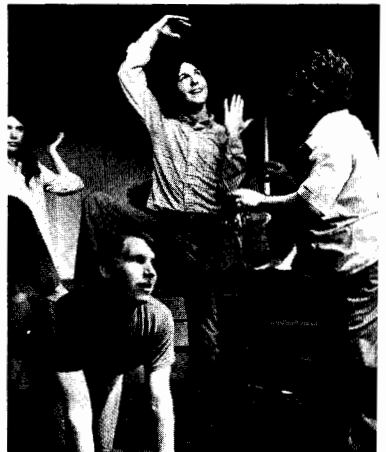
Project devised by the student in consultation with the instructors and on a contractual basis, relating and integrating work in more than one of the studio courses currently being offered. May be repeated for an indefinite number of semester hours.

CRA 410 APPLIED THEATRE (2-4 Hrs.)

Applied work in production and presentation of a play, together with study of various elements of the production process in community theatre (role of the director; technical, analytical, and critical problems; practical needs of managing the house, ticket office, and publicity). Credit allowed for acting and other activities related to total production. May be repeated for an unlimited number of semester hours. Admission by audition/interview. Registration open through last day of auditions.

CRA 423 LIFE DRAWING (4 Hrs.)

Upper-level drawing course emphasizing the human figure. Exploratory studies in



various media and styles introduce the student to drawing from the model. Study of famous drawings and elementary anatomical study included. Experience in drawing is recommended.

PERSPECTIVE COURSES

CRA 470 STYLE-PERIOD PERSPECTIVES (4 Hrs.)

Examination of interrelation of various arts in a specific time period — usually a period of stylistic change. At least four different periods are considered during each two-year academic span. May be repeated without limit, but a particular period may not be repeated for credit.

CRA 480 TOPICAL PERSPECTIVES (4 Hrs.)

Examination of thematic connections among the arts cutting across time periods. At least four different topics are considered during each two-year academic span. May be repeated without limit, but a particular topic may not be repeated for credit.

OTHER COURSES

CRA 407 LISTENING TO MUSIC (2 Hrs.)

For the listener who lacks technical background. Attempts to heighten listening enjoyment by training the ear to hear more detail of musical performance. Listening exercises use sounds of all kinds and music of every sort from plainsong to rock. As far as possible nontechnical language is used.

CRA 408 LISTENING TO OPERA (2 Hrs.)

For the general listener. Emphasis is on the role of music in presenting drama and on emergence of operatic conventions from the musico-dramatic needs. Works given major consideration are drawn from 18th to 20th centuries.

CRA 415 MULTI-ARTS WORKSHOP (4 Hrs.)

Semester-long sequence of mini-workshops by all program faculty, presenting the several areas that they represent. Designed for students in other programs who wish to experience the creative process of the arts.

CRA 411 EXPERIENCE OF THEATRE (4 Hrs.)

The place of theatre in Western culture, including its relation to the other arts. Emphasis on theatre as experience rather than as literature, and on such matters as production, theatre design, styles of acting, etc.

CRA 422 STYLES IN ART (4 Hrs.)

Experiments in painting in various styles of art, and participation in group discussions of these styles. Attempts to discover what concepts are embodied in such styles as impressionism, expressionism, or cubism.

CRA 436 PUBLICATION DESIGN (4 Hrs.)

The tools and elements of publication design. Most helpful to those who wish to design and publish posters, brochures, flyers, magazines, and other printed matter.

CRA 490 TOPICS/PROJECTS IN THE ARTS (2-4 Hrs.)

Courses offered from time to time involving either 1) study of some subject in the area of the arts, or 2) applied work in a class setting. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.

The following courses offered elsewhere in the university are approved for cross-listing by the Creative Arts Program in the categories indicated. Approval for additional courses may be granted by the program committee upon petition by the student and adviser.

Experience Courses

COM	451	Filmmaking I
COM	462	Basic Video Production
COM	476	Oral Reading
COM	481	Photography for Communicators I
LIT	375	Expository Writing

LIT	471	Perceptual Writing
LIT	472	The Personal Journal

Studio Courses

COM	452	Filmmaking II
COM	455	Advanced Filmmaking I
COM	456	Advanced Filmmaking II
COM	463	TV Practicum
COM	472	The Feature Article
COM	482	Photography for Communicators II
COM	483	Creative Photography
LIT	470	Creative Writing

Topical Core

ENP 477 Expressions of American Naturalism

Attention of Creative Arts students is directed to the following:

HIS 406 American Decorative Arts to 1900

Economics

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Michael Ayers, John D. Bowman, Clarence Danhof, Walter D. Johnson, William Moskoff, John R. Munkirs, Wayne Snyder, Ronald Sutherland, Leroy Wehrle.

ADJUNCT FACULTY — Lewis Herndon.

Most human activity involves the use of resources for which there are competitive applications. It follows that the tools of economic analysis are essential in dealing with many of the problems facing our society and relevant to almost all of them. The training represented by an undergraduate with concentration in economics has been favorably considered by employers and provides a sound foundation for careers in many areas of business or government. The M.A. degree in economics can be expected to provide more employment opportunities that directly utilize the tools of economic analysis. The Economics Program is also deeply concerned with assisting people interested in enhancing their general understanding of the economic problems of society.

The program covers the principal areas of basic economic theory followed by a variety of courses which draw upon that theory in dealing with most of the specialized areas of concern, such as money and banking, labor, environment, urban problems, business and government, industrial organization, economic development, growth and others. The program seeks to provide a judicious blending of the traditional with the new and innovative.

THE BACHELOR'S DEGREE

A concentration in economics normally consists of any two courses selected from: ECO 401, 402, and 403 (to be taken early in the student's

enrollment); a course in statistics; and a minimum of four other courses offered by the program. General university requirements must, of course, be met. The student plans his courses with the assistance and approval of an adviser from the Economics Program faculty. "Economics in Career Planning" offers some course sequences that the student may find useful and relevant to various career objectives. Copies may be obtained from the program secretary.

THE MASTER'S DEGREE

The M.A. degree in economics requires 40 hours of course work of which a minimum of 24 hours must be in Economics Program courses at the 500 level. Courses required for the M.A. are: any two selected from ECO 501, 502, and 503; an advanced course in quantitative methods; ECO 406 or 413, or as approved by the adviser; and ECO 519 Master's Project.

With the prior approval of the student's adviser as well as of the instructor involved, certain 400-level courses may be substituted for the 500-level course requirements.

ECONOMICS/Course Descriptions

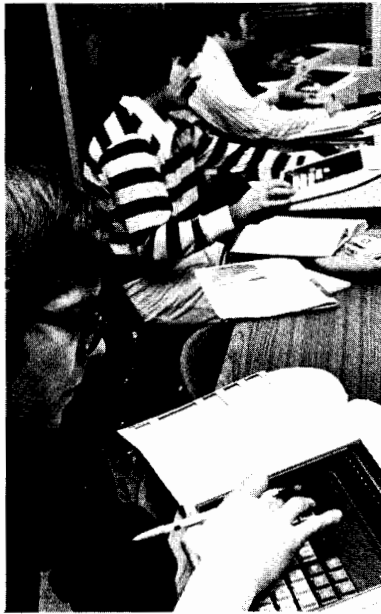
THEORY

- ECO 401 INTERMEDIATE MICROECONOMICS (4 Hrs.)**
Theory of prices and markets covering theory of demand and production; pricing under conditions of competition and monopoly; allocation and pricing of resources; partial and general equilibrium theory, and welfare economics. Offered fall and spring.
- ECO 402 INTERMEDIATE MACROECONOMICS (4 Hrs.)**
Analysis of the role of government, consumers, and business in determination of aggregate income, employment, and price level. Primary attention given to development of a model of income determination, with discussion of the model's relation to classical economic theory and its policy and social implication. Offered fall and spring.
- ECO 403 INSTITUTIONAL THEORY (4 Hrs.)**
Analysis of impact of recent developments in philosophy, logic, anthropology, and other social sciences on conventional economic theory. See WCS 403.
- ECO 404 ECONOMICS FOR MANAGERS (4 Hrs.)**
Basic principles of micro- and macroeconomic theory with emphasis on the price system. Application of these principles to managerial problems. Intended for Management Program students. Offered spring and summer. See MAN 404.
- ECO 406 MATHEMATICAL ECONOMICS (4 Hrs.)**
Organized along economic rather than mathematical lines, intended to equip the student with the ability to integrate mathematical techniques and economic analysis.
- ECO 408 HISTORY OF ECONOMIC THOUGHT (4 Hrs.)**
Study of the creation and evolution of the body of knowledge and doctrine designated as "economics." Particular attention to the historical and social circumstances from which various concepts evolved, and "theory" creation as an art.
- ECO 409 RADICAL POLITICAL ECONOMICS (4 Hrs.)**
Development of radical thought in Western civilizations from Socrates through Trotsky, Stalin, and into the present. The orientation is toward identifying relationships between theoretical ideas and pragmatic implementations.

- ECO 411 THE ECONOMIC AND PHILOSOPHICAL THOUGHT OF KARL MARX** (4 Hrs.)
 Analysis of the Marxian system, developing in detail the Marxist critique of capitalism. Includes theories of value, surplus value and exploitation, reserve army of the unemployed, and alienation; nature of crisis under capitalism.
- ECO 413 ECONOMETRICS** (4 Hrs.)
 Statistical techniques used to estimate economic relationships — e.g., demand, supply, production, consumption functions, etc. An introductory statistics course is strongly recommended.
- ECO 415 ECONOMICS FOR ADMINISTRATION** (4 Hrs.)
 Study of essential micro- and macroeconomic concepts as they apply to administrative decision. The principal theories and analysis of efficient resource allocation are related to economic decisions of individuals, public and private organizations, and society. Primarily for students who have had no prior college-level work in economics. See ADP 444 and ADB 415.
- ECO 482 RESEARCH METHODS** (2 Hrs.)
 Training in research techniques in economics and in sound methodological practice through involvement in research projects. Includes source identification, hypothesis formulation, statistical analysis and presentation, and reporting results. Prerequisite: intermediate economic theory or equivalent.
- ECO 501 ADVANCED MICROECONOMIC THEORY** (4 Hrs.)
 Optimization techniques as applied to demand, cost, and production theory. Other topics include general equilibrium, market structures, capital theory, distribution theory, as well as recent mathematical topics of game theory and input-output.
- ECO 502 ADVANCED MACROECONOMICS** (4 Hrs.)
 In-depth study of the theory and models of macroeconomics. Involves theory from the "classical model" through Keynesian ideas. Some knowledge of math helpful. Designed to follow Intermediate Macroeconomic Theory.
- ECO 503 ADVANCED INSTITUTIONAL ECONOMICS** (4 Hrs.)
 Evolution, organization, and allocation functions of the modern industrial economy. Contribution and limitations of conventional economic concepts. Philosophical and theoretical interpretations of the economy in light of contemporary developments in philosophy and social science.
- ECO 508 SEMINAR: HISTORY OF ECONOMIC THOUGHT** (4 Hrs.)
 In-depth study of particular schools of economic thought: i.e., Physiocratic, Mercantilist, Classical, Neo-Classical, Marxism, etc. Students have considerable latitude in choosing area of concentration.
- ECO 512 ADVANCED MONETARY AND FISCAL POLICY** (4 Hrs.)
 Consideration of principles of monetary and fiscal policy in depth, then documentation of how the policies have been enacted in the postwar US period, and finally critical examination of the relative effectiveness of these policies. Prerequisites: ECO 402 and ECO 435.
- ECO 519 MASTER'S PROJECT** (4 Hrs.)
 Research project individually designed to permit the student to demonstrate knowledge of economic theory and ability in applied analysis. Required of M.A. candidates.
- ECO 533 BUSINESS AND ECONOMIC FORECASTING** (2 Hrs.)
 Methods for analyzing and forecasting business and economic conditions pertaining to the industry and individual firms. Demand and supply functions are stressed. Prerequisites: ECO 401, ECO 402, and statistics or equivalents. See ADB 533.

ECONOMIC HISTORY AND COMPARATIVE SYSTEMS

- ECO 416 GROWTH OF THE AMERICAN ECONOMY** (4 Hrs.)
 Survey and interpretation of developments in the American economy since 1945 in light



of changes in technology and in political and social values. Offered in fall.

ECO 417 EUROPEAN ECONOMIC HISTORY (4 Hrs.)

Survey of major economic change, 1000-1914. Feudalism, mercantilism, the era of industrialization.

ECO 418 US ECONOMIC HISTORY (4 Hrs.)

Survey of the major sources of economic development from colonial era to World War II. Special attention to sectoral contributions: foreign trade, cotton and slavery, government, finance, transportation, and industry.

ECO 421 CAPITALISM AND SOCIALISM (4 Hrs.)

Overview of the differences between various economic systems using the approach of analyzing systems of different countries. Emphasis on the Soviet Union, China, Yugoslavia, France, Sweden, Japan, and Great Britain.

ECO 422 SOVIET ECONOMICS (4 Hrs.)

Comprehensive examination of Soviet economic planning since 1917. Emphasis on analyzing the functional and dysfunctional aspects of planning, especially as they relate to ideological and pragmatic questions.

LABOR ECONOMICS

ECO 425 LABOR ECONOMICS (4 Hrs.)

Application of economic principles to problems of the labor sector of the American economy. Includes employment, unemployment and manpower policies, wage determination and wage policy, development and organization of trade unions in the private and the public sectors, social legislation and policy for the labor market as these relate to contemporary social and economic problems.

ECO 426 MANPOWER ECONOMICS (4 Hrs.)

The functioning of the labor market with consideration of wages, mobility, labor supply, and unemployment. Analysis and evaluation of the role of government in the labor allocation process, and projecting future tasks.

*MONEY AND FINANCE***ECO 435 MONEY AND BANKING (4 Hrs.)**

Concentration on principles of banking, with commercial banks and Federal Reserve System as central topics, followed by Monetarist and Keynesian monetary theories and presentation of empirical evidence on the effectiveness of monetary policy. Offered fall and spring.

ECO 437 ECONOMICS OF SECURITIES MARKETS (4 Hrs.)

Methods of security analysis for defensive and enterprising investors. Examination of financial statements, security markets, types of investment media, and investment practices. The economic function of saving and capital formation and its reflection in securities, security markets, and types of investors.

ECO 438 ECONOMICS OF FUTURES MARKETS: THEORY AND PRACTICE (4 Hrs.)

Economic functions of futures markets in general; analysis of speculation and its impact on price movements; followed by focus on actual workings of real-world futures markets, emphasizing specific exchanges, roles of trading firms, dealers, and speculators.

ECO 535 ADVANCED MONETARY ECONOMICS (4 Hrs.)

Advanced course which makes extensive use of the professional literature. Topics include supply of money, demand for money, interest rates, and monetary policy.

*INTERNATIONAL AND DEVELOPMENT ECONOMICS***ECO 445 ECONOMIC DEVELOPMENT (4 Hrs.)**

Introductory course presenting an overview of principal problems of the Third World. Some major theories of causes of low income, various applications of economic analysis to specific policy issues, and social and political considerations are discussed. A limited number of country cases are presented as illustration.

ECO 447 INTERNATIONAL TRADE (4 Hrs.)

Establishment and examination of the free trade model, followed by study of real-world impediments to the theoretical model with particular emphasis on problems encountered by the United States in the past decade. Course in intermediate microeconomic theory prior to enrollment is recommended.

ECO 449 THE WORLD ECONOMY (4 Hrs.)

Overview of the world economy: trade, finance, exchange rates, monetary reserves, poverty, wealth, multinational corporations, and governments. The objective is understanding and assessing current performance and future prospects. Prior economic study is not required.

*PUBLIC ECONOMICS***ECO 455 STATE AND LOCAL FINANCE (4 Hrs.)**

Impact of recent changes in the Federalism system: federal grant-in-aid programs, state and local government fiscal positions and priority problems, and revenue sharing. Emphasis on revenue sharing in historical context and current dimensions.

ECO 456 PUBLIC FINANCE (4 Hrs.)

Analysis of the meaning and economic significance of the government sector in a private enterprise economy.

*INDUSTRIAL ORGANIZATION AND PUBLIC POLICY***ECO 423 POLITICAL ECONOMY OF TECHNOLOGICAL CHANGE (4 Hrs.)**

Analysis of the effects of technological change on the American economy and society. Consideration of the source of change, processes of evaluation, adoption and regulation; aggregative effects in the short and long run. Impact of changing social values upon the system. Offered in spring.

- ECO 461 INDUSTRIAL ORGANIZATION (4 Hrs.)**
Structure, conduct, and performance of American industry. Historical evolution of American industry; alternative industrial systems; antitrust policies and their alternatives. Technological change and its impact on both industrial performance and conventional economic theory.
- ECO 462 GOVERNMENT AND BUSINESS (4 Hrs.)**
Critical analytical review of federal policies and programs regulating activities of private business in the light of political, legislative, and economic considerations.
- ECO 463 ENTREPRENEURSHIP AND ORGANIZATION (4 Hrs.)**
Establishment, growth, and management of larger private organizations as viewed historically and biographically. Analysis of opportunities and appraisal of solutions relating to significant institutional, administrative, technological, and economic concerns.
- ECO 467 POLICY ANALYSIS (4 Hrs.)**
Survey course examining how policy questions in business and government can best be analyzed and presented to decision-makers. Covers questions of knowledge and theories of decision-making directed toward the question: can better policy analysis lead to better decision-making? Each student presents a policy paper. No prior economics or mathematics required.
- ECO 561 ADVANCED SEMINAR IN INDUSTRIAL ORGANIZATION (4 Hrs.)**
Detailed analysis of several industries and corporations with emphasis on data gathering and research techniques. Specific attention to the development of multinational/national corporations and their import on the nation state concept.
- ECO 474 ENVIRONMENTAL ECONOMICS (4 Hrs.)**
Designed to acquaint the student with basic theoretical tools necessary to examine current environmental problems from an economic standpoint. Covers externalities, cost assignment, and environmental problems associated with economic growth.
- ECO 481 ECONOMICS OF WOMEN (4 Hrs.)**
Examination of factors determining supply and demand for female labor, occupational concentration of women, unequal pay, credit discrimination, professional women, male-female income differentials, women and labor unions, historical evolution of women's work roles, and relevant sociological factors.
- ECO 484 URBAN ECONOMICS (4 Hrs.)**
Social concerns within the urban environment: historical relationships between science and man's processes for creating value; investigation of how science and technological change have affected the form and substance of urban life, of some anthropological studies on tribal behavior; and of the urban process in a more contemporary tone.
- ECO 486 SOCIAL POLICY (4 Hrs.)**
Survey course covering government health and welfare policy and programs with emphasis on the cultural and political setting in which social policy is made. Includes historical review of health and welfare policies and examination of economic, sociological, administrative, and political factors that operate.
- ECO 487 NATIONAL HEALTH POLICY (4 Hrs.)**
Analytic and descriptive study of national health policy in America in terms of the philosophy, history, politics, economics, sociology, and administration of health care. Emphasis on the social policy setting in which health policy is made and the complex workings of the system by which health care is provided. No prior study of economics is required. See also ADH 487.

Courses offered by other programs may be included in a concentration in economics if approved by the program. Economics in Career Planning (available from the program secretary) lists acceptable courses. Other courses may be applied to fulfill program requirements on approval of the student's Economics Program adviser.

Environments and People

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Craig A. Brown, Alexander J. Casella, Edward L. Hawes, Peter Kakela, Macolm P. Levin, Charles Schweighauser, Jerry Wade.

ADJUNCT FACULTY — Paul R. Craig, Mary Kay Wade, John Wiedman.

Interrelationships between people and their environments is the program focus. Human society is regarded as an integral part of ecosystems. Ecosystems, social systems, and value systems are studied not as separate entities but as parts of interrelating wholes. Faculty from the humanities, social sciences, and natural sciences are brought together to provide diverse discipline bases on which interrelationships and interdependencies can be thoroughly explored.

The over-all goal of the Environments and People Program is to contribute to an increased ability of our society to create an environmentally acceptable future. This will require creative and imaginative ecological and resource planning. Therefore, the environmental education focuses on understanding the origins of environmental situations, evaluating possible short- and long-range solutions and their consequences, and facilitating the achievement of goals in a manner that enhances ecological integrity and a quality environment for future generations. The program believes that to make this possible it is necessary to have an aware citizenry and knowledgeable professionals trained in analyzing environmental problems and dealing with their complexities. Consequently, the program objectives emphasize problem-solving approaches. These objectives, which make clear the commitment to students, are as follows:

1. To explain human dependence on the natural environment for energy, air, water, land, nutrients, and other resources.
2. To demonstrate through examples how people have used and abused environmental resources.
3. To explain the processes and consequences of mankind's continued increase in numbers, in addition to our individual increase in rates of consumption.
4. To interpret the ways in which social systems and related value systems have shaped human interaction with the physical environment.
5. To train students to apply certain analytical tools appropriate for assessing the interaction of people with their environments and to use this knowledge as environmentally effective citizens.
6. To inform the community and its governments about environmental problems, opportunities, and solutions.

We expect Environments and People graduates to be:

1. Characterized by actions reflecting the importance they place on

- the interrelationships of ecosystems with social and value systems.
2. Able to identify and explain the roots of current environmental issues as well as longer-range environmental problems and opportunities.
 3. Aware of a range of applications to which the systems concept can be applied.
 4. Able to make independent assessment of goals in which environmental choices are weighed against private needs, and capable of acting in the best interests of the community.

THE BACHELOR'S DEGREE

Any student with at least 60 semester hours acceptable to Sangamon State University may enter the Environments and People Program. A minimum of 28 credit hours (normally seven four-hour courses) in the program is required for the B.A. degree. ENP 451 Ecosystems, Value Systems, Social Systems is a core course required of all majors. It is strongly recommended that the student take this course as early in the concentration as possible, preferably during the first semester of study at SSU. Program approval is required for more than three cross-listed courses applied to the concentration.

Because interactions between human societies and natural environments have many implications, the Environments and People Program is centered around thematic study areas. A theme deals with a specific aspect of the more general interactions between societies and ecosystems. Emphasis is on individual participation in designing a theme reflecting a student's own environmental educational needs and objectives. Examples of themes include: population dynamics, bioecology, environmental history, environmental economics, resource management, and environmental policies. A student must file, by the end of the second semester of study, a prospectus that details the intended theme. The prospectus may be amended at a later date. It is highly recommended that the advisers of majors in the program be active members of the Environments and People program committee.

THE MASTER'S DEGREE

A total of 40 semester hours is required for the M.A. degree; at least 32 must be chosen from Environments and People courses. The graduate student may waive the Ecosystems, Value Systems, Social Systems colloquium if the program committee feels that the student has been exposed to equivalent subject matter. The graduate student is expected to have a theme in mind and should use most of the program course hours to explore specific elements of that theme. Electives and PAC's may also be chosen to elaborate the theme. Program approval is required for more than two cross-listed courses applied to the concentration.

The program is currently expanding its curriculum to include additional curricular options. These include environmental land and resource use, environmental methodology, and environmental administration.

ENVIRONMENTS AND PEOPLE/Course Descriptions*CORE COURSE***ENP 451 ECOSYSTEMS, VALUE SYSTEMS, SOCIAL SYSTEMS (4 Hrs.)**

Emphasizes interactions of society within bioecosystems and bringing this ecological approach into the social-cultural world of human activity. Includes energy flows, matter flows, stability of ecosystems, human population dynamics, resource consumption, cultural values, institutions, and environmental decision-making. Required of Environments and People majors. Offered in fall.

*ENVIRONMENTAL HISTORY***ENP 411 MIDWEST RURAL LIFE AND ITS EUROPEAN BACKGROUND (4 Hrs.)**

Examination of contributions of English, French, German, Norwegian, and other groups in shaping the Midwest, using methods and questions from social history, cultural geography, and folklife studies. Focuses on natural environment, material culture, and values. Offered in spring, odd years.

ENP 413 MIDWEST RURAL LIFE AND ITS AMERICAN REGIONAL BACKGROUND (4 Hrs.)

Study of Midwest culture and the folk and popular cultures which have contributed to it. Interdisciplinary approach used to understand relationships of such factors as natural environment, buildings, and food with social patterns and values. Offered in fall.

ENP 415 WORKSHOP IN RURAL LIFE (4 Hrs.)

Introduction to living history and rural life studies at Clayville. Students discover how to use museums, libraries, and contemporary landscapes as resources; learn select farm and household tasks and crafts; and assist in historic building reconstructions. Offered in summer.

ENP 417 ENVIRONMENTAL HISTORY, A PROBLEMS APPROACH (4 Hrs.)

Basic environmental problems; these are not new. Investigations into the past can provide a clearer perception of the present. Actions of other societies are compared to our present and future alternatives. Offered in spring, odd years.

*ENVIRONMENTAL SOCIOLOGY***ENP 421 SOCIOLOGY OF NATURAL RESOURCES (4 Hrs.)**

Examination of social meanings, role, and impact of nature and natural resources for human society and the effect of the nature of human society on natural resources and ecosystems. See SOA 447. Offered in spring.

ENP 422 THE POPULATION CONTROVERSY (4 Hrs.)

Examination and analysis of major schools of thought on overpopulation and their implications for change. What is the nature of the problem? What are important factors? What interrelationships are there between population dynamics and other social concerns? Offered fall, odd years.

ENP 423 ISSUES IN POPULATION: POLICY AND ACTION (4 Hrs.)

Study of what is involved for human populations to control their own growth. Considers "optimum" population, possible consequences of different social action for achieving population control, and new social issues arising from stable population or zero population growth. Offered in spring, even years.

*LAND AND RESOURCES***ENP 337 WILDLIFE RESOURCES (4 Hrs.)**

Survey of fish, bird, and mammal resources of North America from historical, taxonomic, ecological, and management points of view. For both science and nonscience students who want an overview of wildlife conservation. Offered in fall.

ENP 433 PEOPLE'S ENERGY NEEDS (4 Hrs.)

Readings and discussion on energy problems, background and future prospects: Why do we have an "energy crisis"? How long will it last? How flexible are our energy demands? What alternative sources of energy might we use? Offered in spring, odd years.

ENP 434 WATER RESOURCES (4 Hrs.)

Study of water problems, quantity and quality; water needs; impact on the physical-natural environment of additional human use of water, water hazards as flooding, erosion, drought; government agencies and management of water resources. Offered in fall, odd years.

ENP 435 BIOLOGY OF WATER POLLUTION (2 Hrs.)

Effects of pollution by organic wastes, industrial chemicals, and thermal discharges on river fauna and flora; waterborne diseases; detection and measurement of water pollution. Several Saturdays or a weekend field trip required. Offered in spring.

**ENP 436 LAND AND RESOURCE USE:
ENVIRONMENTAL ANALYSIS, POLICY, AND PLANNING (4 Hrs.)**

Introduction to land and resource use practices. Includes land-use policies; politics and economics of land and resource use; and survey of land- and water-use rights development in the Midwest.

ENP 437 LAND-USE PLANNING: PRINCIPLES AND PRACTICES (4 Hrs.)

Examination of principles of land-use planning, with examples of successful and unsuccessful human and environmental accommodations. Includes aesthetic considerations in land-use planning and current federal, state, and local statutory law and impacts on land and resource use and allocation.

**BIOECOLOGY****ENP 441 HEREDITY, EVOLUTION, AND SOCIETY (4 Hrs.)**

Evolution as a unifying principle of biology. Emphasis on application of mechanisms of heredity and evolution to societal and institutional problems. Assesses genetics aspects of agriculture, environmental hazards, population, biomedical engineering, and others. Offered in spring, even years.

**ENP 442 ECOLOGY AND SOCIETY:
IMPLICATIONS FOR PUBLIC INSTITUTIONS (4 Hrs.)**

Implications of man's activities within the context of change. Change viewed as a process in natural systems preventing over-specialization and simplification. Complexity and its survival value examined in contrast with man's attempt to achieve stability through simplicity. Students may receive credit for either ENP 442 or ENP 443 but not both.

ENP 443 ECOLOGY AND PEOPLE (4 Hrs.)

Examination of principles of ecology and biological systems. Considers relationship

between biological principles and environmental problems. Presents biological alternatives as problem solutions. Topics include diversity and stability, energy flow and analysis, meaning of species extinction, systems modeling. Offered in fall.

ENVIRONMENTAL GEOGRAPHY

ENP 462 GEOGRAPHY — LIFE GEOSYSTEMS (4 Hrs.)

Consideration of earth's life support systems in terms of what humans need from and their impact on the natural environment. Examines energy, oxygen-carbon dioxide, water, land, food, material resources systems. Variations between countries, urban and rural inhabitants, and different value sets considered. Offered in fall.

ENP 463 ENVIRONMENTAL CLIMATOLOGY (4 Hrs.)

Focus on energy and moisture fluxes of the atmosphere. Processes of energy and water exchange which provide life and motion to the biosphere are discussed. Global and local climatic change receives special attention. Offered in spring, even years.

ENP 469 THE HISTORICAL GEOGRAPHY OF THE UNITED STATES (4 Hrs.)

Study of sequential and regional growth of the United States emphasizing the impact of physical environment. Includes historical-geographical factors in the settlement and growth of Illinois and neighboring states.

ENVIRONMENTAL HUMANITIES

ENP 470 MORNINGS AT CLAYVILLE (2 Hrs.)

Practicum in historical and environmental interpretation. Students take part in the program for fifth-graders and work with children as they engage in cooking, gardening, and other activities of the 1850s at Clayville Rural Life Center. Some written work expected. May be repeated for a maximum of 8 hours. Offered spring and fall.

ENP 471 ENVIRONMENTAL EDUCATION (4 Hrs.)

Solutions to environmental issues and problems are sought on two levels: that of the environmental problems and issues themselves; that of effectively increasing awareness and affecting behavior of students. Offered in fall, even years.

ENP 472 INTERPRETIVE WORKSHOP (4 Hrs.)

Helps students to plan, research, and carry out living history programs; to deepen awareness of the natural environment and cultural heritage. Field trips to historic sites and state parks. Projects include interpretive planning, program assistance, and evaluation.

ENP 474 ENVIRONMENTAL PERCEPTION (4 Hrs.)

Study of perception of and responses to natural environments. Analysis of the eye and other senses as perceptual systems; landscape interpretations; concepts of aesthetics; and environmental metaphors, images, and symbols. Offered in fall.

ENP 477 EXPRESSIONS OF AMERICAN NATURALISM: FROM COLONIAL DAYS TO WENDELL BERRY (4 Hrs.)

Study of historical and literary sources, with artistic representations, in chronological order, to uncover the growth and change of Americans' attitudes toward their natural environment. Selections from Jefferson, Cooper, Audubon, Emerson, Thoreau, Whitman, Cather, Sandburg, Frost, and others. Offered in fall, even years.

ENP 572 ADVANCED INTERPRETIVE WORKSHOP (2 Hrs.)

Students help organize Mornings at Clayville. (See ENP 470.) Includes a significant research project which expands knowledge upon which the program is based, as well as an interpretive plan to enable it to be achieved.

ENVIRONMENTAL POLITICS AND ACTION

ENP 481 DIGNITY AND THE WASTELAND: NATURE IN THE POLITICAL TRADITION (4 Hrs.)

Study of important political thinkers in order to clarify how environmental ethics bear on

civic action. Is the good environmentalist a good citizen? Course conducted as a seminar. See POS 435. Offered in spring, even years.

ENP 482 ENERGY AND THE ENVIRONMENT (4 Hrs.)

Relates energy principles to environmental affairs. Energy is the ultimate resource; considerations of its uses must be the basis for environmental analysis and planning. Systems analysis used for analyzing environmental problems and planning practical applications of energy policy. Offered in spring, odd years.

ENP 483 ENVIRONMENTAL POLICIES (4 Hrs.)

Environmental issues as they relate to existing federal, state, and community regulations. Topics include land-use planning, water resource development, energy, National Environmental Policy Act, air and water laws, and environmental economics. Offered in spring.

ENP 485 CITIZEN ACTION IN ENVIRONMENTAL AFFAIRS (4 Hrs.)

Research, writing, and presentation of testimony on selected topics that come before the Illinois Pollution Control Board. Supplementary work involves producing environmental reports relative to regional environmental problems. Offered in fall.

ENP 486 PRACTICUM IN ENVIRONMENTAL ACTION (4 Hrs.)

Applied problem-solving course. Students could research a legislative bill, talk to sponsors, observe committee and floor action, present testimony, become aware of agency and vested-interest group opinions, and write analysis of the issue and legislative process. Offered in spring.

ENP 487 ENVIRONMENTAL LAW AND THE CITIZEN (4 Hrs.)

Examination of how citizens can participate in legal processes to work toward resolution of environmental issues, the citizen's role in public hearings, litigation, class action suits, appeals processes included in providing student knowledge of state and federal environmental law. Offered in fall.

ENP 488 ENVIRONMENTAL LAW AND ILLINOIS GOVERNMENT (4 Hrs.)

Relation of environmental issues and their legal implications to Illinois agencies. Case law, litigation, and limits of legislated authority examined in relation to selected environmental problems. Special attention to legal relationships between state agencies, federal agencies, and the public. Offered in spring.

RESEARCH

ENP 300 UNDERGRADUATE RESEARCH (1-4 Hrs.)

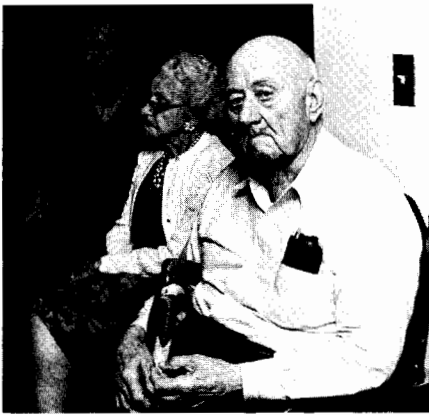
Investigation of a specific interaction between people and their natural-physical environment. Student should see an Environments and People faculty member before enrolling. Research paper and/or program seminar required for credit. May be repeated for a maximum of 6 hours.

ENP 500 GRADUATE RESEARCH (1-5 Hrs.)

Investigation of a specific interaction between people and their natural-physical environment. Student should see an Environments and People faculty member before enrolling. Research paper and/or program seminar required for credit. Maximum of 10 hours may be applied toward the M.A. degree, 1 to 5 hours in any one semester.

The following courses offered elsewhere in the university are approved for cross-listing by the Environments and People Program.

BIO	371	Principles of Ecology
BIO	481	Plants and Civilization
ECO	474	Environmental Economics
PHS	421	Energy Resources
PHS	422	Solar Energy: Principles and Applications
PHS	423	Environmental Geology
SOA	441	Techniques and Utilization of Demography



Gerontology

M.A.
(40 Hrs.)

PROGRAM FACULTY — Gari Lesnoff-Caravaglia, Fredric R. Hedinger,
Robert Zeller, Mark Erenburg.

ADJUNCT FACULTY — Glen W. Davidson, Joseph Holtzman.

Gerontology concerns itself with the study of the processes of aging and their consequences. Gerontology approaches the study of aging from a variety of perspectives and through a number of related disciplines including biology, nursing, clinical medicine, history, philosophy, economics, and social sciences.

Through a multidisciplinary core curriculum the master's degree program prepares the student to perform in a variety of settings which require an understanding of the problems and needs of older persons. Career interests may lie in public arenas such as social service, health care agencies, and education, or in private arenas such as retirement communities, nursing homes, and specialized business firms.

ADMISSION TO THE PROGRAM

Applications for admission to the program will be reviewed by the university gerontology committee. Applicants will be expected to have a baccalaureate degree with basic course work in the natural and social sciences and appropriate training and/or experience in the health or human services fields.

THE MASTER'S DEGREE

The master's degree in gerontology requires 40 semester hours of university credit. Of the total, 28 hours are required in core courses, including 12 hours of supervised internship in a community agency or facility which provides services for older persons. Four hours of Public Affairs Colloquia designed specifically for gerontology students are required along with eight hours of gerontology electives.

In addition to completion of university requirements, all gerontology students must complete a thesis written under the supervision of the adviser to be defended during the required oral examination.

Individual counseling is available to provide students with options for a wide range of academic and professional experiences. Provision for prior credit, waiver of required courses, and exemption through examination are possible.

Course requirements for the M.A. are distributed as follows:

Core Courses	28 hours
GER 401 Perspectives on Aging	4 hours
GER 501 Biology of Aging	4 hours
GER 502 Psychology of Aging	4 hours
GER 585 Gerontology Internship I	4 hours
GER 586 Gerontology Internship II	4 hours
GER 587 Gerontology Internship III	4 hours
GER 589 Research Methods in Gerontology	4 hours
Gerontology Electives	8 hours
Public Affairs Colloquia	4 hours
	Total 40 hours

PILOT PROJECT: STUDIES IN GERONTOLOGY

A minor in gerontology may be earned at the baccalaureate level through the Pilot Project: Studies in Gerontology. An application for admission must be submitted for review by the university gerontology committee. The completion of 16 semester hours of course work in gerontology, including appropriate PAC's and enrollment in the required "Gerontology Colloquium," qualifies the student for a certificate of completion.

GERONTOLOGY INSTITUTE

The Gerontology Institute takes place each spring in the form of three weekend sessions. Each session is devoted to a particular problem or issue germane to the study of adult development and aging. Persons prominent in the field of aging deliver formal talks and conduct small discussion groups. Two hours of academic credit may be received for completing the institute.



GERONTOLOGY/Course Descriptions

GER 301 GERONTOLOGY COLLOQUIUM (2 Hrs.)

Introduction to the multi-faceted problems which make up the study of gerontology. Particular focus on relationship of such problems to the student's area of concentration. Enrollment limited to students participating in the Pilot Project: Studies in Gerontology.

GER 401 PERSPECTIVES ON AGING (4 Hrs.)

Overview of various disciplines related to the field of aging. Provides general background in the field of aging. Includes sociology, aging and the family, psychology — social and clinical aspects, psycho-physiology, neuro-biology, cellular biology, physiology, planning micro and macro environments, economics, politics and policy issues, and new horizons in gerontology.

GER 421 LIFE-SPAN EDUCATION (4 Hrs.)

The growing numbers of older persons in our society have caused us to reflect upon education as a life-span process. What does the possibility of extending the life span even further mean in terms of second careers, late-start educational opportunities, retirement planning, use of leisure time? Appropriate for teachers of all educational levels; persons working in programs for older adults; persons employed within institutional settings as recreation directors, occupational therapists, etc.

GER 423 WORK AND AGING (4 Hrs.)

Investigation of employment and income problems of Americans older than 45, within our rapidly changing technological society. Emphasis is on present and possible future socio-economic status of older workers; economic, social, and psychological problems of unemployment, job search, and job training; employer hiring standards, policies, and perceptions of older workers; and development of policy for improving the well-being of older Americans. See WCS 423.

GER 427 PHILOSOPHY OF AGING (2 Hrs.)

Examination of how ancient attitudes transmitted through myth, ritual, religion, and folklore have affected present-day concepts of aging and the older person. Analysis of concepts of aging as they appear in current literature and in ancient and modern philosophies. Particular attention to relationship between attitudes toward aging and societal values.

GER 501 BIOLOGY OF AGING (4 Hrs.)

Comparative view of biological changes associated with aging with emphasis on humans and other mammals; theories of aging; and age changes in the physiology of man.

GER 502 PSYCHOLOGY OF AGING (4 Hrs.)

Inquiries into ways the field of psychology can contribute to understanding of the aging process. Emphasis is on determinants of individual differences among older persons, as well as psychological problems.

GER 531 PATTERNS OF AGING (4 Hrs.)

Study of the lives of older persons through use of oral history techniques. Development of skills in data collection and analysis, and use of the personal interview as a therapeutic measure.

GER 532 COUNSELING THE ADULT/AGED (4 Hrs.)

Focus on counseling techniques and related problem-solving strategies for helping adults, including the older population in our society. Variety of solutions proposed to alleviate the multivaried problems troubling adults in our nation today. See HDC 532.

GER 533 FACING DEATH (4 Hrs.)

Focus is on ways of minimizing discomfort, loneliness, anxiety, and fear of patients facing death. Death is everyone's reality. Particular individuals are on more intimate terms with death — the elderly, the terminally ill, and those who rely upon modern technology to sustain them. During all phases of impending death, there is much that the physician, family, patient, and others can do.

GER 571 BIOBEHAVIORAL ASPECTS OF AGING (4 Hrs.)

Study of interaction of somatic variables and behavior in the aged. Includes such

behavioral changes as intelligence, cognition, learning, memory, and affective behavior in relation to central and automatic nervous system events as well as health and illness.

GER 572 LEGAL ADVOCACY FOR THE ELDERLY (4 Hrs.)
Study of laws and legal problems having greatest impact on the elderly; analysis of tools and techniques available to the advocate.

GER 585 GERONTOLOGY INTERNSHIP I (4 Hrs.)
Full semester internship (minimum of 12 hours) in a setting providing services for older persons. Experience is to be related to career interests of the student. Special provision for individuals professionally employed full time. May be taken concurrently with or prior to GER 586 and GER 587.

GER 586 GERONTOLOGY INTERNSHIP II (4 Hrs.)
Full semester internship (minimum of 12 hours) in a setting providing services for older persons. Experience is to be related to career interests of the student. Special provision for individuals professionally employed full time. May be taken concurrently with or prior to GER 585 and GER 587.

GER 587 GERONTOLOGY INTERNSHIP III (4 Hrs.)
Full semester internship (minimum of 12 hours) in a setting providing services for older persons. Experience is to be related to career interests of the student. Special provision for individuals professionally employed full time. May be taken concurrently with or prior to GER 585 and GER 586.

GER 589 RESEARCH METHODS IN GERONTOLOGY (4 Hrs.)
Specifically designed to develop skills in data gathering, analysis, and description.

Health Services Administration

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — David R. Day, Fredric R. Hedinger, Sister M. Rosaria Kranz, Charles Toperzer.

ADJUNCT FACULTY — Henry Allen.

The Health Services Administration Program is designed to prepare students for direct entry into positions of managerial responsibility in health service organizations and also to broaden, update, and sharpen administrative knowledge and skills for persons already working in the health services field.

The health field in the United States today encompasses more organizations, spends more dollars, and employs more people than any other field of endeavor except the construction industry. With expenditures for health currently approaching 10 percent of our Gross National Product, new emphasis is being placed on the need for coordination and competent management of the resources required by the health system. It is to this need for skilled managers throughout our health system that the Health

Services Administration Program at Sangamon State University is addressed.

Competent and knowledgeable administrators are needed in public and private *health service organizations* such as hospitals, clinics, mental health facilities, and nursing homes; *financing organizations* such as insurance companies, prepayment organizations, Medicare and Medicaid financing agencies; *planning organizations*; *governmental regulatory agencies*; *comprehensive health-care organizations* such as health maintenance organizations; *medical practice groups*; and *voluntary associations* as diverse as professional groups, trade associations, and fund-raising organizations.

Each student in the Health Services Administration Program should select an adviser early in the educational experience. The advising relationship involves frequent and full discussions of the student's career goals, role expectations, and areas of needed competency development. At the bachelor's level the Candidacy Examination requirement helps to facilitate and focus the student/adviser relationship in these areas; at the master's level the Prospectus of Study helps to facilitate the advising process.

At either level students who are employed full time are strongly urged to enroll in no more than eight semester hours of course work per semester.

Admission to study at either the bachelor's or master's level is governed by the availability of faculty and other resources in relation to student numbers. Therefore, the number of students admitted may be restricted from time to time.

THE BACHELOR'S DEGREE

Admission Requirements. Students wishing to enter the Health Services Administration Program at the undergraduate level should consult with a member of the HSA faculty well in advance of their anticipated enrollment. It is necessary that Health Services Administration faculty have an opportunity to advise and counsel all new students prior to their initial registration at Sangamon State. No admission standards are required of new students beyond the university requirements.

Generic Courses (32 hours). Students are required to enroll in the Generic Core of the Management Program, which consists of 24 hours of course work (MAN 301 — eight hours, and MAN 302/303 — 16 hours). See the Management Program section for full course descriptions and program accommodations for part-time students.

In addition, all undergraduate students are required to complete one course of four semester hours in the Accounting Program — ACC 421 Administrative Uses of Accounting Information, and one of the following four Mathematical Systems service courses: MSU 401 Applied Statistics I (four hours); MSU 403 Statistics for Economics and Management (four hours); MSU 405 A Computer-Oriented Approach to Statistics (four hours); or MSU 413 Operations Research for Managerial Decisions (four hours). Upon formal petition to the HSA program committee and the vice-president for academic affairs through the student's adviser, any or all

of these required generic courses may be waived as justified by either previous academic course work or work experience which clearly demonstrates competence in the subject matter. A waiver request normally is considered only in terms of substituting other subject-matter course work and not for waiver of the hour requirements.

Health Services Administration Courses (12 hours). After completing the MAN Generic Core, students may begin HSA course work. Two courses are required of undergraduate students: HSA 431 Health Services in Society (four hours) and HSA 432 The US Health System and Its Management (four hours). Additionally, each student is required to complete at least four hours on an elective basis (any 400-level HSA or cross-listed course).

Other Requirements. In addition to the program requirements, the university requires each undergraduate student to complete six hours of Public Affairs Colloquia (two of these six hours are completed in the MAN Generic Core) and eight hours of Applied Study Term. Students should enroll for the Applied Study Term (HSA 350) through their adviser who will coordinate the process with the university Office of Applied Study. The remaining four hours of course work needed to complete the 60-hour program are electives.

Program requirements for the B.A. degree are distributed as follows:

Required Generic Courses	32 hours
MAN Generic Core (MAN 301, 302/303)	24 hours
(Note: Two of these hours count toward the university PAC requirement)	
Administrative Uses of Accounting Information (ACC 421)	4 hours
Mathematical Systems Service Course (MSU 401, 403, 405, or 413)	4 hours
Required Health Services Administration courses	12 hours
Health Services in Society (HSA 431)	4 hours
The US Health System and Its Management (HSA 432)	4 hours
Any HSA or HSA cross-listed 400-level elective	4 hours
University requirements	12 hours
Public Affairs Colloquia (any PAC)	4 hours
Applied Study Term	8 hours
Free elective (any 300- or 400-level course)	4 hours
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Total 60 hours	

Candidacy Examination. In addition to the course requirements, each undergraduate student is required to complete successfully a Candidacy Examination. The examination, which must be completed after a minimum of 10 semester hours of work at Sangamon State but while the student has at least 20 semester hours remaining before graduation, is scheduled and conducted by a candidacy committee selected jointly by the student and his

or her adviser. The purposes of the examination are to 1) diagnose selected written work done by the student; 2) establish for the student and committee a sense of career goals and objectives; and 3) identify recommended courses of action for the student regarding course work, applied study possibilities, and other requirements which may be necessary to successfully complete the program. Additional information may be obtained from program faculty members.

THE MASTER'S DEGREE

Admission Requirements. Program admission is based upon: 1) admission to the university as a graduate-level student and 2) completion of an advising process consisting of evaluation of previous academic work and diagnosis of writing skills. For students accepted into the program, a formal Prospectus of Study will be established prior to first enrollment. Because of the time required to complete satisfactorily the pre-admission advising process, prospective students should contact the Health Services Administration Program well in advance of their intended date of registration. For students entering in the Fall Semester this would normally mean no later than the preceding April 15. For students entering in the Spring Semester, initial contact would normally be no later than the preceding Oct. 15.

Course Requirements. All graduate-level Health Services Administration students are required to complete HSA 401 Organizational Dynamics and HSA 405 Analytical Tools, as well as a capstone, or integrative, course (either HSA 557 Health Services Research and Evaluation or HSA 579 Advanced Seminar). Additionally, the university requirement of four semester hours of Public Affairs Colloquia must be met.

Besides the required courses, students must complete an additional 20 semester hours of HSA courses. The remaining four hours of course work needed to complete the 40-hour program are electives.

Program requirements for the M.A. degree are distributed as follows:

Required Health Services Administration courses	12 hours
Organizational Dynamics (HSA 401)	4 hours
Analytical Tools (HSA 405)	4 hours
Capstone course (HSA 557 or 579)	4 hours
Elective Health Services Administration courses	20 hours
Free elective courses	4 hours
University requirements	
Public Affairs Colloquia (any PAC)	4 hours
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Total	40 hours

GRADUATION REQUIREMENTS — B.A. AND M.A.

All students must meet university graduation requirements. For undergraduate students these include a graduation committee, Graduation Contract, Graduation Report, and Illinois and US constitution exams. Graduate students must satisfy the same requirements and, in addition,

respond to a problem-solving exercise in written form and in an oral examination. Students are urged to contact their advisers early in the semester of anticipated graduation so that these university requirements can be met on a timely basis.

HEALTH SERVICES ADMINISTRATION/ Course Descriptions

- HSA 350 HEALTH SERVICES MANAGEMENT APPLIED STUDY TERM** (1-8 Hrs.)
Appropriate experiential learning. Undergraduate students should consult with their advisers at least one semester prior to enrollment. Student preference and aptitude are considered in arranging this portion of the curriculum. Offered fall and spring.
- HSA 401 ORGANIZATIONAL DYNAMICS** (4 Hrs.)
Study of the structure and function of an organization as a socio-technical system and of individual, group, and leadership processes and behavior within it. Not open to students who have received credit for ADG 431 and/or ADG 432. Offered fall and spring.
- HSA 405 ANALYTICAL TOOLS** (4 Hrs.)
Study of vital statistics, health service indices, quantitative research techniques, and research methodology as related to administrative decision-making. Investigates basic steps needed to carry out research and to evaluate and utilize research carried out by others. Offered fall and spring.
- HSA 415 MEDICAL TERMINOLOGY FOR HEALTH SERVICES MANAGERS** (1 Hr.)
Study of professional vocabulary. Uses student-paced audio tape cassettes in conjunction with a workbook. Not open to students with previous professional training which included medical terminology. Offered fall and spring.
- HSA 421 COMMUNITY HEALTH ORGANIZATIONS** (4 Hrs.)
Review of definition and structure of the community in relation to health programs and organizations. Staffing patterns, funding sources, and facilities are examined as they correspond to various community health programs and community health needs.
- HSA 425 INTRODUCTION TO PUBLIC HEALTH ADMINISTRATION** (4 Hrs.)
Definition of public health administration and consideration of community health needs and resources; analysis of the role of health teams and outlines of public health administration on national, state, and local levels; development and role of officials and voluntary health agencies.
- HSA 431 HEALTH SERVICES IN SOCIETY** (4 Hrs.)
Survey of the function and development of organized health services within societies of the world. Study of social requirements for health population as related to need for organized health services; United States agglomerated health system as part of social utility complex. Offered fall and spring.
- HSA 432 THE US HEALTH SYSTEM AND ITS MANAGEMENT** (4 Hrs.)
Examination of the dynamics of the United States health services system in which students develop a framework within which to analyze, synthesize, and comprehend the several systemic components and interrelationships. Also examines the role of managers in the system. Offered fall and spring.
- HSA 451 HEALTH PLANNING** (4 Hrs.)
Introduction to development, legislation, documents, and roles in United States health planning. Particular attention is paid to roles of consumer, provider, and planner as they interact to determine desired improvements in relation to societal health needs.
- HSA 452 HEALTH PLANNING APPLICATION** (4 Hrs.)
Further examination of health planning with particular attention to recent legislation and



its application. Case studies reviewed and health plans developed to facilitate decision-making and understanding of planning process. Prerequisite: HSA 451 or permission of instructor.

HSA 453 LABOR MANAGEMENT RELATIONS IN HEALTH ORGANIZATIONS (4 Hrs.)

Examination of behavioral, economic, social, and institutional forces which affect quality of union-management relations and objectives in health organizations. Analysis of relationships at the individual work-unit level as they influence negotiations, grievances, and administration of collective bargaining agreements.

HSA 455 HEALTH INSURANCE (4 Hrs.)

Examination of insurance as a social and economic concept and application of insurance principles to meeting the costs of health care. Considers public policy questions surrounding regulation and proposals for national health insurance.

HSA 458 HEALTH LAW (3 Hrs.)

Examination of historical and current legal status in physician and hospital liability; confidentiality of medical records; labor law in health organizations; medical ethics and the law; recent legal developments in utilization review, rate review, planning, and other legal-medical areas. Offered in fall.

HSA 487 NATIONAL HEALTH POLICY (4 Hrs.)

Analytic and descriptive study of national health policy in America: philosophy, history, politics, economics, sociology, and administration of health care with emphasis on the social setting in which health policy is made and the complex workings of the system by which health care is provided. No prior study of economics required. Offered in spring. See ECO 487.

HSA 499 TUTORIAL IN HEALTH ADMINISTRATION (1-4 Hrs.)

Individual study directed by a faculty member.

HSA 511 BEHAVIORAL RESEARCH IN ORGANIZATIONS (4 Hrs.)

Application of research in analysis of behavioral problems within organizations. Design and execution of a research project, analysis of data, and formulation of conclusions and recommendations based on the empirical results of the study. Prerequisite: HSA 405 or equivalent.

HSA 525 PERSONAL HEALTH SERVICES ADMINISTRATION (4 Hrs.)

Examination of major patterns of organization for provision of personal health services in the private, voluntary sector. Studies the role of trustees, medical staff, and administrator; manpower deployment, education, and credentials; cost containment; financing mechanisms; construction design; information systems.

HSA 545 MEDICAL SOCIOLOGY (4 Hrs.)

Medical sociological framework for analyzing and understanding the health status of American society; social structure and social value; special issues in health and medical care; various models of health; life-styles and impact on health.

HSA 547 QUALITY OF CARE IN HEALTH CARE ORGANIZATIONS (4 Hrs.)

Examines levels of quality of health care organization — public or private; emphasizes structure, process, and outcome of care; provides a basic framework for upgrading quality. Appropriate for top and middle managers, nurses, and various health professionals.

- HSA 551 HUMAN RESOURCE MANAGEMENT (2 or 4 Hrs.)**
Operational approach to managing people at work. Builds on concept of reconciliation and integration of worker — organizational interests through supportive situation-oriented leadership by both line and staff managers. Prerequisite: HSA 401 or equivalent.
- HSA 556 DEVELOPMENT OF LEADERSHIP SKILLS (2 Hrs.)**
Helps students to work on development of leadership skills which they have determined they need for personal improvement. Prerequisite: HSA 401 or equivalent.
- HSA 557 HEALTH SERVICES RESEARCH AND EVALUATION (4 Hrs.)**
Enlargement on principles of problem formulation, design, and methods used in social science and applied to health administration research. Emphasizes evaluative research for administrative programs. Each student develops a research project in an area of special interest. Prerequisite: HSA 405.
- HSA 560 ORGANIZATIONAL DYNAMICS AND ADMINISTRATION
IN HEALTH AND MENTAL HEALTH SETTINGS:
TOPICS AND ISSUES (2 or 4 Hrs.)**
Advanced study of topics and issues involved in organizational and managerial aspects of providing health and mental health services. Prerequisite: HSA 401, HSA 561 or equivalent. May be repeated without limit but particular topic may not be repeated for credit.
- HSA 561 ORGANIZATIONAL DYNAMICS AND ADMINISTRATION
IN MENTAL HEALTH SETTINGS (4 Hrs.)**
Examination of the structure and functioning of mental health organizations as socio-technical systems, and individual and small-group processes and behavior within them, with special emphasis on the clinician-executive role. See HDC 561.
- HSA 564 TRAINING AND DEVELOPMENT IN HEALTH AND
MENTAL HEALTH ORGANIZATIONS (4 Hrs.)**
Concepts and processes involved in planning, conducting, and evaluating training and development activities for all personnel of health and mental health organizations. Prerequisites: HSA 405, and HSA 401 or HSA 561, or equivalents.
- HSA 565 ORGANIZATIONAL CHANGE AND DEVELOPMENT IN
HEALTH AND MENTAL HEALTH SETTINGS (4 Hrs.)**
Strategies and methods for conducting and evaluating organizational change and development programs. Prerequisites: HSA 405, and HSA 401 or HSA 561, or equivalents.
- HSA 579 ADVANCED SEMINAR IN HEALTH SERVICES
ORGANIZATION (4 Hrs.)**
Integrative course in which Health Services Administration students in their last year of graduate study are involved in selected areas of advanced study and class presentation of written and oral material.

History

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Leonard P. Adams, Nina S. Adams, Christopher N. Breiseth, G. Cullom Davis, Edward L. Hawes, J. Richard Johnston, John H. Keiser, Philip W. Kendall, Eldridge H. Pendleton, Ralph A. Stone, Charles B. Strozzi.

ADJUNCT FACULTY — Daniel Holt, William Feipel, John Squibb, Geoffrey Ward.

The History Program emphasizes the link between forces shaping the contemporary world and their roots in the past. Through the study of history, students can better understand themselves in the context of time and place. In addition, the program attempts to help students become aware of the many aspects of any society and to compare such aspects from one society to another and from one time period to another. Thus the student of history can gain a sense of what is unique in, as well as what is generally characteristic of, individuals, groups, and nations in human history.

In addition to specific careers in history (teaching, scholarship and writing, museum curatorship, historic site preservation and interpretation, and archival management), training in history at Sangamon State University can provide preparation for careers in politics, journalism and other writing, law, and administration. All of these require the ability to analyze logically and clearly human ideas and actions, the ability the study of history helps develop.

The History Program assists the student to demonstrate competence through historical study tailored to the student's career and learning objectives in the following broad categories:

1. The ability to read and think critically and to communicate clearly in both writing and speaking.
2. The ability to analyze the key forces shaping the contemporary world as viewed in historical perspective.
3. The ability to analyze the meanings of culture as viewed in historical perspective.
4. The ability to demonstrate self-understanding through analysis of one's self and others as viewed historically in terms of time, place, and shaping circumstances.
5. The ability to locate, analyze, and evaluate primary and secondary historical sources.

Competence will be demonstrated in each of these categories at a level appropriate to the B.A. or M.A. degree being pursued. Each student will select a committee — including his or her faculty adviser, one or two other members of the faculty, and another student — to assist in the planning, approval, and final certification of the student's degree program. History offerings include regular courses, workshops, self-paced modules, independent study (with or without tutorials), internships, and applied study. Learning experiences are available in world history, United States history, Midwest history, Asian history, Latin-American history, European history, and psychohistory. Preprofessional experience is available for museum and historic sites work (including research, curatorship, preservation, interpretation, and management). At the M.A. level, there are special in-service training courses and workshops for social studies teachers.

For a general introduction to the History Program, students should read *Putting the Pieces Together: A Guide to History at Sangamon State*

University, available in the History Program Office. In addition, guidelines for demonstrating enabling skills and for the final competency assessments are available in the History Office.

BACHELOR'S DEGREE

For the B.A. degree in history, the student must:

1. Complete a total of 60 upper-division credit hours, including: 24 hours in history which includes History 451 The Roots of Contemporary History, an introduction to the emphasis and orientation of the program.
8 credit hours of Applied Study Term.
6 credit hours in Public Affairs Colloquia.
2. Meet the program's enabling skills requirement (satisfies university's communication skills requirement).
3. Demonstrate competence in history through final assessments certified by student's committee.
4. Pass the required United States and Illinois constitution test (need be done only once at the college level).
5. Complete a Graduation Report.

MASTER'S DEGREE

For the M.A. degree in history, the student must:

1. Complete a total of 40 graduate credit hours, including:
28 hours in history (which can include experiences from other disciplines or programs directly applicable to the student's approved plan).
History 541 History Graduate Colloquium (which is required), an introduction to graduate study, including development and formal approval of the student's plan and certification of enabling skills (satisfies university's communication skills requirement). Satisfactory completion of History 541 constitutes matriculation to M.A. candidacy in history.
History 451 The Roots of Contemporary History (strongly recommended).



- 4 hours of Public Affairs Colloquia.
2. Complete a master's research project in the student's chosen field, normally including work of up to 8 hours of credit.
3. Demonstrate competence in history through final assessments approved by student's committee and based in part on student's master's research project (satisfies university's problem-solving requirement).
4. Pass the required United States and Illinois constitution test (if not previously done at the college level).
5. Complete a Graduation Report.

HISTORY/Course Descriptions

HIS 399 RESEARCH AND READINGS IN HISTORY (2-4 Hrs.)

Undergraduate directed study. Topics vary. May be reading course or research seminar. Students should contact History Program faculty to arrange courses. Arranged with an individual faculty member and taught as a tutorial.

HIS 402 ILLINOIS HISTORY TO 1900 (4 Hrs.)

Focus on the relationship of Illinois to the nation, and historical developments relevant to political, social, and economic characteristics of the Illinoisan or Midwesterner in today's world. Offered in fall.

HIS 403 ILLINOIS AND THE NATION IN THE 20TH CENTURY (4 Hrs.)

Discussion of national issues from the parochial viewpoint of a state and her people. Explores Illinois' problems such as labor and social unrest, reform, politics, and the war periods in relation to national attitudes.

HIS 404 THE AMERICAN MIDWEST: A CULTURAL AND HISTORICAL VIEW (4 Hrs.)

Multidisciplinary examination of country and city life in middle America: how historians, sociologists, novelists, artists, and others have viewed the Midwestern experience and culture. Offered in fall.

HIS 406 AMERICAN DECORATIVE ARTS TO 1900 (4 Hrs.)

Survey of American material culture. Introduces students to evolution of furniture design: practical arts prompted by changing patterns of living during nation's formative years. Attention to European influences, high-style furniture and its country cousins; covers crafts: quilting, weaving, pottery, other creative folk art forms. Offered in spring.

HIS 407 MUSEUM AND SOCIETY (4 Hrs.)

A look at the way museums have been used in history and the functions they serve today. A problems approach focusing on the future of American museums.

HIS 409 RURAL HISTORIC PRESERVATION (4 Hrs.)

Field work and research practicum connected with the re-creation of the Clayville rural community. Depending upon what is under way at any given time, course offers experience in a combination of library/archival research, oral interviewing, archeological excavation, architectural surveying, buildings/sites restoration.

HIS 410 WORKSHOP IN ORAL HISTORY (2-4 Hrs.)

A research technique, not a body of historical data. Technique: oral history — tape recording, transcribing, editing personal reminiscences. Students learn about oral history; perform activities involved from tape to type. Projects added to the university's Oral History Collection. May be repeated for an unlimited number of credit hours. Offered in fall.

- HIS 417 COLONIAL AMERICA (4 Hrs.)**
The English background and development of Colonial institutions — political, social, economic, and ecclesiastical.
- HIS 419 SEMINAR ON SLAVERY IN THE AMERICAS (4 Hrs.)**
Comparison of slavery in its American setting from the Colonial period to 1888. Special emphasis on Brazilian, Cuban, and US slavery.
- HIS 420 SEMINAR ON THE HISTORY OF SPRINGFIELD (4 Hrs.)**
Introduction/supervision/experience in historical research methodology and writing, exposure to local manuscript/archival collections. Topics alternate: "Lincoln's Springfield" (1840-1860); "Modern Springfield" (post-1860). Students write seminar paper or complete research project based on secondary and primary sources. May be repeated for an unlimited number of credit hours. Offered in fall, 1978.
- HIS 421 THE MELTING POT RECONSIDERED (4 Hrs.)**
The experience of minorities in American history, including European immigrants, Afro-Americans, Asian-Americans, Spanish-speaking Americans, and native Americans: their origins, opportunities, and cultural distinctiveness in contrast to the American majority.
- HIS 422 THE ASIAN-ASIAN AND ASIAN-AMERICAN EXPERIENCE (4 Hrs.)**
Comparison and contrast of values, goals, frustrations, and opportunities in China, Japan, the Philippines, and America, with major emphasis on the experience of the 20th century. Offered in fall.
- HIS 427 THE AMERICAN WORKER IN THE 20TH CENTURY (4 Hrs.)**
Historical analysis of the changing views and nature of work; cause and effect of workers' organizations; and culture of workers through use of songs and novels of and about ordinary people. Offered in spring.
- HIS 429 THE AMERICAN LEFT: IDEOLOGY AND POLITICS (4 Hrs.)**
Examination of ideologies and politics of some major leftist parties, organizations, individuals since the late 19th century, including the Socialist movement in the 20th century; conflicts within the left; split between organized labor and the left; class consciousness in US. Offered in spring.
- HIS 431 NEW INTERPRETATIONS IN AMERICAN HISTORY: MARXIST PERSPECTIVES (4 Hrs.)**
Examination of Marxist interpretations of American history, contrasting these perspectives with mainstream orthodox views of the nation's past. Emphasis is on the period since late 19th century, treating subjects such as: imperialism, progressive movement, New Deal, racism, women's movement, foreign policy.
- HIS 432 THE AGE OF JACKSON, 1815-1845 (4 Hrs.)**
History of the United States in the era of expansion and democracy with special emphasis on the westward movement and social and economic developments.
- HIS 433 THE AGE OF LINCOLN (4 Hrs.)**
History of the United States from the Jacksonian period until the outbreak of the Civil War. Special emphasis on those social, economic, and political developments that paved the way for Lincoln's rise to national prominence. Offered in spring.
- HIS 435 CIVIL WAR AND RECONSTRUCTION (4 Hrs.)**
American society from the Age of Jackson through the end of the Reconstruction period. Emphasis on roles of race and slavery during the formative period for American culture.
- HIS 437 AMERICA SINCE THE GREAT DEPRESSION: SELECTED PROBLEMS (4 Hrs.)**
Examination of domestic problems from 1930 to the present from perspective of their own time and how they affect today's world: the depression as an economic-social-cultural watershed; domestic consequences of the Cold War; protest movements of the 1960s. Offered in fall.
- HIS 444 PEOPLE'S HISTORY: SLIDE/SOUND/SCRIPT (4 Hrs.)**
"People's history," meaning history from the bottom up, not serving interests of ruling

elites; also people learning history by making it. Students will produce a multimedia history of people during the past 100 years struggling to effect fundamental changes in their lives.

HIS 445 PERSPECTIVES ON NAZI GERMANY (4 Hrs.)

Multiple perspectives necessary for understanding any historical problem, which are particularly important for understanding Nazi Germany. Mass irrationality and peculiar distortion of German culture by the Nazis studied from social, intellectual, and psychological points of view. Offered in summer, 1978.

HIS 449 FRANCE AND ENGLAND IN COMPARATIVE PERSPECTIVE (4 Hrs.)

Survey of the development of France and England into leading nations and cultures of the European world hegemony of the late 19th and early 20th centuries, beginning with a study of medieval origins. Offered in fall, 1977.

HIS 451 THE ROOTS OF CONTEMPORARY HISTORY (4 Hrs.)

Introduction to the History Program, exploring significant themes in contemporary history, defined and traced to their emergence in the past. Readings include important monographs on specific topics and the Sunday *New York Times*. History majors are required to enroll. However, any student seeking to understand his/her world is welcome. Offered in fall, day; spring, evening.

HIS 453 INTRODUCTION TO PSYCHOHISTORY (4 Hrs.)

Survey of the many aspects of psychohistory including theoretical foundations and methodological considerations, defining basic problems and predicting the most productive avenues for further development. Offered in spring.

HIS 456 THE HISTORY OF THE FAMILY (4 Hrs.)

An attempt to understand the modern family in comparative and historical perspectives. Selected themes — changing patterns of sexuality, high rate of divorce, shifting kinship relationships — are explored historically to understand their importance in the present.

HIS 461 BETWEEN TWO WORLDS: SOCIAL CHANGE IN ENGLAND, 1890-1930 (4 Hrs.)

Social change in England, the United Kingdom, and industrialized countries of Europe from a British point of view. Primary sources are materials from the period studied, a time of profound change from "modern" industrial society to the "post-industrial" contemporary world.

HIS 464 AGE OF BOURGEOIS-DEMOCRATIC REVOLUTIONS (4 Hrs.)

Study of political/industrial revolutions in Western European world, including the Americas, from 1770-1870. Focuses on ascendancy of middle-class/bourgeoisie through representative political structures and capitalist economic institutions as seen on comparative basis in such countries as US, France, Britain, Germany. Offered in fall, 1977.

HIS 465 AGE OF SOCIALIST REVOLUTIONS (4 Hrs.)

Study of socialist revolutions through the past 150 years. Focuses on the reaction to bourgeois capitalism and/or the old regimes incapable of modernizing their societies. Includes Russia, China, Cuba, and Vietnam.

HIS 466 IMPERIALISM (4 Hrs.)

Emergence and growth of Western European, American colonialism and imperialism. Emphasis on 19th and 20th centuries, including theories of imperialism advanced by Lenin, Hobson, others; assessing the impact of classical and contemporary imperialism on the third world; analyzing its manifestations today. Offered in spring.

HIS 475 WOMEN'S REVOLUTION IN CHINA (4 Hrs.)

Examination of past and present roles and status of women in urban and rural society. Covers changes in expectations and reality as traditional Chinese social, economic practices were revolutionized by impact of the West and by political forces emerging within an often turbulent history.

HIS 476 JAPAN'S CHALLENGE TO THE WEST (4 Hrs.)

Focus on the changing nature of the Japanese state during Tokugawa period, Meiji

Restoration, country's development as an imperial power prior to World War II, and Japan's resurgence as a world power in the post-war period.

HIS 477 THE LONG REVOLUTION IN CHINA AND VIETNAM (4 Hrs.)

Comparison and contrast of two societies confronting Western power and developing revolutionary nationalism, including impact and legacy of feudalism, colonialism, patriarchy, and military struggle from 1898-1974. Readings in conservative nationalism, radical socialism, conservative/radical feminism, and various varieties of communism.

HIS 479 TOWARD TODAY'S CHINA: IMPERIALISM AND REVOLUTION, 1800-1949 (4 Hrs.)

Focus on political and economic impact of 19th-century Western imperialism, dissolution of the traditional Chinese state, and development of a successful revolutionary movement in the 20th century.

HIS 483 EAST ASIAN CIVILIZATIONS (4 Hrs.)

Analysis of contemporary histories of China and Japan, focusing on events from late 18th century to present. Major themes: imperialism; industrialization; political, social, economic, intellectual change.

HIS 500 WORKSHOP FOR TEACHERS: SPECIAL TOPICS IN HISTORY (4 Hrs.)

Designed primarily for elementary and secondary school teachers. Emphasis on adapting the course subject matter to school curriculum. Topics vary. May be repeated for an unlimited number of credit hours. Offered in summer.

HIS 502 WORLD HISTORY: WORKSHOP FOR TEACHERS (4 Hrs.)

Selected topics in world history, exploring thematic linkages. For social studies teachers interested in world historical perspective; encourages shared development of teaching strategies, curricular resources; helps students achieve sense of their place in evolution of human society from ancient to contemporary world.

HIS 511 MUSEUM METHODS (4 Hrs.)

Introduction to collection development and conservation, historic structure preservation, exhibit preparation, artifact research and registration, interpretive and educational programming and administration. Includes actual work in museums in the area.

HIS 512 RURAL LIFE FOR TEACHERS (4 Hrs.)

For elementary and secondary school teachers, to aid in planning rural life and living history dimensions in social studies and history.

HIS 521 RURAL LIFE IN SANGAMON COUNTY (4 Hrs.)

Use of statistical and descriptive sources to understand persistence of traditional cultures and dynamics of social change in this area. Provides training useful for historians, museum people, and others in methods of living history facility and program development.

HIS 522 RURAL LIFE SEMINAR (4 Hrs.)

Research directed toward re-creation of typical farms and a rural community of mid-19th century. Information and analysis produced will be used in planning and development of the Clayville Rural Life Center.

HIS 541 GRADUATE HISTORY COLLOQUIUM (4 Hrs.)

Introduction to the graduate program, assisting students in diagnosing skills, designing a degree plan, learning research methods, utilizing various bibliographical resources, examining professional conflicts among historians. Research project. Successful completion constitutes matriculation into graduate program, satisfies communication skills requirement. Offered in fall, evening; spring, day.

HIS 580 HISTORICAL RESEARCH (4 Hrs.)

Topics vary. May be repeated for an unlimited number of credit hours.

HIS 590 MUSEUM PRACTICUM (4 Hrs.)

Supervised applied study in a museum or historic site. May be repeated for an unlimited number of credit hours.

HIS 599 READINGS: SPECIAL TOPICS IN HISTORY (4 Hrs.)

Independent and directed readings on an individualized topic. Students should consult members of the History Program faculty to arrange course.

The following courses may be taken on an independent study/self-paced basis after consulting with the History Program Office and obtaining permission of the instructor.

HIS 405 ILLINOIS AND YOU: A HISTORY MODULE (2-4 Hrs.)

Using traditional and oral history techniques, students prepare their personal histories by tracing their families to 1900 (or as close as possible). The student uses data from the family tree to write an essay placing the family chart in historical perspective.

**HIS 423 THE WORLD OF W.E.B. DUBOIS (2-4 Hrs.)**

Study of a black American in the era of white supremacy. DuBois surveyed the world with unique vision; study of his life and work offers some understanding of the color line which he regarded as the major problem of the 20th century.

HIS 434 THE ADAMS CHRONICLES (2-4 Hrs.)

History of the US from 1750 to 1900, centered around the lives of four generations of the Adams family. The television series and collateral reading assignments provide first-person accounts of American life and a chronology of political, social, and economic events for the period.

HIS 436 THE UNITED STATES FROM RECONSTRUCTION TO THE GREAT DEPRESSION (2-4 Hrs.)

America's emergence to a position of united nationhood, industrial might, urban culture, world responsibility. Topics include the industrial revolution, the 1890s, progressivism, World War I, the 1920s; with interpretive readings and various exercises in politics, diplomacy, economics, society, thought, and literature.

HIS 438 AFRICA TO AMERICA: THE SAGA OF AN AFRICAN-AMERICAN FAMILY (2-4 Hrs.)

Media course based on Alex Haley's *Roots: The Saga of an American Family*; both the book and the TV series provide unique insight into the Afro-American experience from the 18th century in Africa to the present in America.

HIS 439 AMERICAN FOREIGN POLICY IN THE 20TH CENTURY (2-4 Hrs.)

Study of how, why, toward what end the US has grown from a minor power in 1898 to the world's most powerful nation in the 1970s. Major themes: isolationism, collective security, internationalism, imperialism. Includes World Wars I and II, the Cold War, Vietnam.

HIS 454 PERSONALITIES OF REVOLUTION: MARTIN LUTHER TO MALCOLM X (2-4 Hrs.)

Exploration of selected historical personalities who dominated or are identified with major revolutionary events — including Luther, Robespierre, Marx, Lenin, Gandhi, Mao, and Malcolm X — to understand the nature of revolution and revolutionaries.

HIS 455 WOMEN'S HISTORY: ALTERNATE PERSPECTIVES OF THE PAST**(2-4 Hrs.)**

Exploration of women's history in England, Russia, China, Vietnam, and US with survey of areas in which conventional historical insights and methods need reinterpretation. Offered in spring.

HIS 459 THE SEARCH FOR JUSTICE: EXPERIMENTAL COMMUNITIES IN AMERICA**(2-4 Hrs.)**

History, theory, practice of intentional communities with emphasis on Midwestern examples — e.g., New Harmony, Amana, Bishop Hill, and Nauvoo — with field trips to some sites. Includes a survey of utopian communes and experimental group marriage and drug cults.

HIS 463 EUROPE IN THE TWENTIETH CENTURY**(2-4 Hrs.)**

Comparative rather than national history; effects of modernization, national education systems, and consumer societies on lives of ordinary people; development of new forms of protest, emergence of secularism and rationalism in popular culture, lifestyles, value systems, and aspirations.

HIS 467 MEXICANS IN COMMERCE: A FAMILY**(2-4 Hrs.)**

Readings and other learning activities leading to a documented paper or media-supported oral presentation on a Mexican family whose members have been merchants in each generation, with examination of their way of life in 1515, 1800, and 1976.

HIS 469 WESTERN IMPERIALISM IN CHINA**(2-4 Hrs.)**

Focus on developing ability to analyze major definitions of imperialism — particularly those of Lenin, Hobson, Schumpeter, Arendt — together with related issues of definition and problems of levels of generalization; ability to discuss the relevance of these interpretations to analysis of imperialism in 19th- and 20th-century China.

HIS 474 THE EMERGENCE OF SOUTHEAST ASIA**(2-4 Hrs.)**

Examination of nature and extent of cultural absorption, colonization, and rejection of Western forms in the period from about 1880 to present. Major emphasis is on Indochina, Thailand, and the Philippines.

The following courses offered elsewhere in the university are approved for cross-listing by the History Program.

- ADP 414 Changing Views of American Public Administration
- BIO 481 Plants and Civilization
- ECO 408 History of Economic Thought
- ECO 409 Radical Political Economics
- ECO 411 The Economic and Philosophical Thought of Karl Marx
- ECO 418 US Economic History
- ECO 416 Growth of the American Economy
- ECO 417 European Economic History
- ECO 445 Economic Development
- ECO 449 The World Economy
- ECO 481 Economics of Women
- ENP 411 Midwest Rural Life and Its European Background
- ENP 412 Midwest Rural Life and Its American Regional Background
- ENP 415 Workshop in Rural Life
- ENP 417 Environmental History: A Problems Approach
- ENP 441 Heredity, Evolution, and Society
- ENP 469 The Historical Geography of the United States
- ENP 472 Interpretive Workshop
- ENP 477 Expressions of American Naturalism: From Colonial Days to Wendell Berry
- LIT 403 Literature of the Vikings
- PHI 441 Human Space, Human Time
- POS 431 Marxism, Leninism, Maoism
- POS 433 Maoism and Chinese Politics
- POS 447 Twentieth-Century Political Thought
- SOA 486 Peasant Society
- WCS 423 Women in Public and Private Power

Human Development Counseling

M.A.
(48-50 Hrs.)

PROGRAM FACULTY — Marilou Burnett, Joan Chadbourne, Robert Crowley, Gerald Curl, Barbara H. Eibl, John F. Eibl, William T. Gorrell, Walter Grenier, Andrew Hedekin, Frank Little, James J. Pancrazio, Charles Stuart, Patricia Tounsel, Robert H. Zeller.

ADJUNCT FACULTY — Glen Davidson, Ugo Formigoni, Jack Genskow, Sr. Gerard Schweider.

The Human Development Counseling Program is designed to prepare graduate students for entry and advancement in the helping professions. Graduates of the program will be able to provide counseling and consulting services at a professional level in a wide range of environments. Career options for graduates include counseling in mental health, correctional, educational, social welfare, rehabilitative, and human-relations agencies or institutions. Opportunities for employment within each category vary, and prospective students should consult about career opportunities with the HDC faculty responsible for an area of concentration, prior to electing it.

The program which each student follows consists of 1) a generic core which is required unless exemption through waiver is granted, and 2) an area of concentration which the degree candidate selects as a specialty. Areas of concentration are as follows.

1. Developmental counseling with emphasis on facilitating counseling services to significant age groups and minorities.
2. Educational processes with emphasis on providing pupil personnel workers with counseling skills.
3. Rehabilitation counseling with emphasis on developing skills and understanding sufficient to deal with clients requiring special services.

A degree candidate in the program chooses a program faculty member as his or her adviser. After completion of the HDC generic core (24-26 semester hours), the candidate in consultation with the adviser designs a course of study in one of the three areas of specialization (24 semester hours). At the present time the program offers to qualified candidates a career pathway leading to elementary or secondary school counselor certification which has the approval of the Illinois Office of Education. In addition, experienced teachers may elect a sequence of courses which stress the application of counseling skills to education. A student who wishes to pursue these courses of study should contact the adviser as soon as possible after acceptance into the program. Any student who wants to

design a more personalized program across rather than within areas should petition the HDC curriculum committee through the adviser for approval *prior to implementing an individual plan of study*. A student who plans to take tutorials from an HDC faculty member should, with the concurrence of the adviser and the faculty member concerned, submit a proposal to the HDC curriculum committee for approval.

Students accepted into the Human Development Counseling Program must demonstrate to the satisfaction of program faculty prior to graduation competencies related to a) personal development, such as the ability to exercise control of self and to communicate effectively with others; b) professional development, such as the ability to conceptualize a client's concerns and to provide an appropriate intervention; and c) social development, such as the ability to modify environments that require change.

In addition to the general university requirements, each degree candidate must satisfy this program requirement:

- a. Prepare a thesis on a topic related to counseling.
- b. *Or* submit an annotated report of a supervised professional experience.
- c. *Or* publish an article devoted to counseling in an approved medium.

ADMISSION TO THE PROGRAM

Graduate students admitted to the university should request admission to degree candidacy through the Human Development Counseling Program. Application blanks are available at the HDC Program Office. Candidates must possess, prior to application, evidence of having successfully completed entry-level course work or the equivalent in the areas of abnormal, developmental, and social psychology. In addition, the prospective candidate should exercise one of the two options that lead to candidate status: either complete an interview by a special faculty/student committee, or request written recommendations supporting admission to that status from two HDC faculty members who have each taught a course successfully completed by the student. Criteria for acceptance under each option involve consideration of evidence of academic competence, interest and/or prior experience in the helping professions, and evidence of those personal characteristics associated with success in helping relationships. An inability to meet any one of the criteria does not negate reapplication to the program; however, the program will delay formal acceptance until all pre-admission requirements are met.

HUMAN DEVELOPMENT COUNSELING/ Course Descriptions

GENERIC CORE

HDC 475 PSYCHOLOGICAL TESTS AND MEASUREMENTS (4 Hrs.)

Survey course designed to explore strengths and weaknesses of evaluation instruments. Includes principles, construction, and interpretation of representative psychological tests and measures. Emphasizes demonstrated, in-depth comprehension of theories and techniques of evaluation. Offered fall and spring.

HDC 501 THEORIES OF COUNSELING (4 Hrs.)

Systematic exposure to major counseling/psychotherapeutic theories and techniques essential to human relationships and helping processes. Offered fall and spring.

HDC 502 TECHNIQUES OF GROUP COUNSELING (4 Hrs.)

Systematic exposure to widely divergent theories and techniques of evolving professional human relationships through group processes and group dynamics. Details each milieu and compares human relationships in groups. Offered fall and spring.

HDC 503 MICROCOUNSELING (4 Hrs.)

Presents a format in which helping-relationship process can be analyzed and skills known in the helping professions acquired by the aspiring student. Offered fall and spring.

HDC 587 PROFESSIONAL EXPERIENCE: PRACTICUM OR EQUIVALENT (4-6 Hrs.)

Professional experience in practice of helping relationships within institutions and agencies that promote human welfare. Students should familiarize themselves with details of the HDC Program's policy on professional experience and consult with the adviser in advance of electing this course. Registration limited and waiting list maintained. Offered fall and spring. Also see HDC 586.

SPECIALIZED COUNSELING COURSES**HDC 411 INTRODUCTION TO INTERPERSONAL COMMUNICATIONS (4 Hrs.)**

Focus on study of interpersonal communication and relationships. Topics include nature of communication, barriers to interpersonal communication, motivation and change, small-group processes, and communication-skill development. Emphasis on both research and theory, with provision of opportunity for laboratory experience.

HDC 412 INTRODUCTION TO INTERPERSONAL RELATIONS (4 Hrs.)

Emphasis on both research and theory. Theories and topics range from Sullivan to Laing and from attitude change theories to research on interpersonal attraction and power.

HDC 413 BEHAVIOR MODIFICATION (4 Hrs.)

First in sequence of two courses which relate principles of operant learning to problematic human behavior. Objective is to develop skill at eliminating dysfunctional client behavior(s) and substituting more efficient behavior(s).

HDC 511 GESTALT THERAPY (4 Hr

Study of the theoretical bases of Gestalt approaches to growth, in which participants experience the variety of Gestalt techniques and explore application of Gestalt therapy to individual and group settings. Current Gestalt literature explored critically. Experiential foci include body work and dream work as well as experiment, figure/ground, contact cycle, and polarities.

HDC 512 RATIONAL-EMOTIVE THERAPY (4 Hrs.)

Basic principles and essentials of rational-emotive psychotherapy, their derivation and empirical support. Emphasis on application to individual and group therapy.

HDC 513 BEHAVIOR THERAPY (4 Hrs.)

Second of two courses which present techniques developed and employed by professional behavior modifiers in therapeutic settings. Emphasis on respondent techniques and broader application of operant techniques than in HDC 413. Prerequisite: HDC 413 or equivalent.

HDC 515 CLIENT-CENTERED THERAPY (4 Hrs.)

Theory and practice of client-centered therapy examined from perspective of major constructs as developed by Carl Rogers.

HDC 516 ADVANCED GROUP PROCESS (4 Hrs.)

Expands awareness of basic group dynamics through leadership-type experiences which focus on integration of the affective with the cognitive process. Learning experiences will contribute to development of facilitator skills.

HDC 517 CRISIS INTERVENTION AND SHORT-TERM THERAPY (4 Hrs.)

Analysis of present techniques for coping with community mental-health problems and survey of a range of new proposals.

AREAS OF CONCENTRATION**Developmental Counseling****HDC 434 INTRODUCTION TO FAMILY THERAPY (4 Hrs.)**

Survey of major techniques of family therapy. Emphasis on integration of theoretical constructs with therapeutic skills. Lecture, demonstration, and laboratory learning approaches are utilized. Students analyze a family system or present a project demonstrating comprehension.

HDC 456 HUMAN SEXUALITY (4 Hrs.)

Background for students interested in education and social science careers that involve knowledge of human sexuality. Includes mammalian sexual behavior in general and biology of human behavior more specifically. Emphasis, however, is on socio-cultural factors which shape and direct sexual drive. Current problem areas such as sex education, legislation, and deviancy are discussed. See CFC 456 and SOA 456.

**HDC 531 COUNSELING THE CHILD/ADOLESCENT (4 Hrs.)**

Description of major problems faced by children and adolescents in our society and exploration of a variety of solutions proposed to ameliorate them.

HDC 532 COUNSELING THE ADULT/AGED (4 Hrs.)

Focus on counseling techniques and related problem-solving strategies for helping adults, including the older population in our society. Variety of solutions are proposed to alleviate the multivariate problems troubling adults in our nation today.

HDC 534 ADVANCED FAMILY THERAPY (4 Hrs.)

For advanced students interested in specializing in family counseling techniques. Students develop and implement family treatment plans in actual and/or simulated family systems, and must be able to articulate at least two major family counseling approaches.

HDC 535 MARITAL COUNSELING (4 Hrs.)

For advanced students specializing in marital counseling. Students develop treatment plans for dysfunctions occurring in marital relations. Ability to relate theoretical concerns to practice is required. Prerequisite: HDC 434.

HDC 536 DIVORCE COUNSELING (4 Hrs.)

For advanced students specializing in family counseling techniques. Students develop and implement treatment to ameliorate psychological problems of persons separated from spouses.

HDC 539 ISSUES IN COUNSELING MINORITIES (4 Hrs.)

Survey of literature and research on the provision of counseling services to minorities, focusing on the applicability of traditional psychological theories and interventions to the mental-health needs of minority clients.

Educational Processes**HDC 541 DESIGNING EFFECTIVE LEARNING EXPERIENCES (4 Hrs.)**

Exploration of questions "What is teaching/learning?" and "How do I teach more effectively?" Students examine and experience a variety of approaches to teaching, concentrating on classroom applications.

HDC 542 CLASSROOM GROUPS (4 Hrs.)

Examination of theories and techniques of group processes and group dynamics as applied to classroom situations. Emphasis on classroom application of these theories and techniques. May be substituted for HDC 501.

HDC 543 HUMANIZING THE CURRICULUM (4 Hrs.)

Helps educators enhance current curriculum, relating student concerns and experiences to existing material. Students develop classroom applications.

HDC 544 DEVELOPING THE INDIVIDUAL (4 Hrs.)

Focus on psychological education. Theories, strategies, and resources: decision-making, creativity, one-to-one communication, values clarification. Emphasis on classroom application.

HDC 545 THE GIFTED AND/OR TALENTED CHILD (4 Hrs.)

Defines areas of talent and methods of its identification. Deals with research in the field of giftedness, assessment of special needs, and development of unique programs for the gifted.

HDC 546 BEHAVIORAL COUNSELING (4 Hrs.)

Emphasis on the use of principles of operant learning in influencing academic and nonacademic behaviors of individuals in educational settings.

HDC 547 ADVANCED WORKSHOP FOR TEACHERS (4-6 Hrs.)

Focus on advanced teaching skills through supervised laboratory and live classroom experiences. Participants must have classrooms. Prerequisite: 8 hours in educational processes.

HDC 548 COUNSELING IN HIGHER EDUCATION (4 Hrs.)

Examination of various counseling career options available in the higher-education setting (community colleges, colleges, and universities), concentrating on such areas as psychological, financial aids, career, placement, etc. Discussion of kinds of counseling problems facing college students.

HDC 549 MICRO-TEACHING (4 Hrs.)

Format through which the teaching process can be examined with increased meaning and rigor. A systematic way to teach and learn the skills shown to be most useful in helping professions. Advanced graduate course open only to practicing teachers who presently have a classroom of students, in order to improve their teaching skills.

Rehabilitation Counseling**HDC 551 REHABILITATION: PHILOSOPHY, HISTORY, AND STRUCTURE (4 Hrs.)**

Processes by which certain human conditions may be ameliorated by vocational rehabilitation services: in particular, counseling and evaluation. Strong emphasis on historical survey, philosophy and concepts of rehabilitation, and case-service techniques to assist individuals with physical, mental, and/or social handicaps.

HDC 552 MEDICAL ASPECTS OF DISABILITIES (4 Hrs.)

Review of the impact of disease and trauma on the human system with special attention to effects that physical limitation has on human functioning and rehabilitation process, including effects of the most severely handicapping conditions and treatment.

- HDC 553 PSYCHOSOCIAL ASPECTS OF DISABILITIES (4 Hrs.)**
Reviews psychosocial problems, principles, and practice with disabled, including: psychological assessment; counseling and psychotherapy; attitudes, motivations, and emotions; and psychological rehabilitation and adjustment.
- HDC 554 PLACEMENT PROCESS AND JOB DEVELOPMENT (4 Hrs.)**
Examination of the need, function, and approaches used with the disabled in job development, job restructuring, job placement, and follow-up in industry.
- HDC 555 PASTORAL COUNSELING (4 Hrs.)**
Development of helping skills among those dedicated to religious orientation. Emphasizes analysis of a client's psychological needs and how they may be met through counseling services. Compares professional roles of counselor and minister.
- HDC 556 CAREER COUNSELING (2 Hrs.)**
Utilization of Holland's work on vocational choice as framework for developing techniques useful in career counseling.
- HDC 557 COUNSELING THE CHEMICALLY DEPENDENT CLIENT (4 Hrs.)**
For experienced counselors interested in counseling the chemically dependent. Studies the use of alcohol and other drugs. Focus on varied aspects of problems related to dependency.
- HDC 559 COUNSELING IN CORRECTIONAL SYSTEMS (2 Hrs.)**
Focus on the counseling function in corrections with special attention to legal and ethical issues involved in facilitating change.
- HDC 560 CLINICAL PSYCHOSOCIAL EXPERIENCE (12 Hrs.—6 per semester)**
Describes the integration of therapies to maximize positive patient response to health crises, to teach relatives and friends how to provide emotional support for the patient, and to develop staff awareness as to how their personal responses affect treatment care plans. (A two-semester course offered in cooperation with the SIU School of Medicine, Department of Medical Humanities. Students are admitted in the fall for the sequence and must be approved by the joint facilities prior to admission.)
- HDC 561 ORGANIZATIONAL DYNAMICS AND ADMINISTRATION IN MENTAL-HEALTH SETTINGS (4 Hrs.)**
Examination of the structure and functioning of mental-health organizations as socio-technical systems and individual and small-group processes and behaviors within them, with special emphasis on the clinician-executive's role and functions performed to enhance organizational effectiveness. See HSA 561.
- HDC 562 CASE MANAGEMENT (4 Hrs.)**
Readings and instruction on how to compile and organize material useful to the helping relationship. Students present at least one case study for critique.
- HDC 563 COUNSELING THE PHYSICALLY ILL CLIENT (4 Hrs.)**
For advanced students who wish to counsel in health-care facilities. Emphasis on behavioral treatment related to organic disorders. Prerequisite: course in behavior modification or equivalent.

SPECIALIZED STUDIES

Assessment

- HDC 575 ADVANCED HUMAN ASSESSMENT (4 Hrs.)**
Practitioner-oriented course providing experiences beyond those acquired in basic measurement courses. Includes study of psychological tests, their interpretation, and practical application to individual and group cases. Emphasizes ability to apply advanced diagnostic techniques and materials.
- HDC 576 BEHAVIORAL ASSESSMENT (2 Hrs.)**
Designed to familiarize advanced students in counseling with a set of new techniques for

measuring motor, physiological, and verbal behavior. Prerequisite: tests and measurements and course in behavior modification or equivalent.

HDC 582 EVALUATION FOR PROFESSIONALS (4 Hrs.)

Designed to promote use of evaluation techniques. Includes relationship of evaluation and testing to stated objectives, and use of nontraditional techniques for measuring the attainment of objectives.

HDC 583 VOCATIONAL ASSESSMENT (4 Hrs.)

Practitioner-oriented course for individuals in the fields of vocational or rehabilitation counseling. Includes in-depth study of basic evaluative, psychometric tools useful in the determination of vocational training, job placement, and disability assessment.

HDC 584 RESEARCH AND EVALUATION IN HUMAN DEVELOPMENT COUNSELING (4-8 Hrs.)

Provides training in research counseling. Includes sources of information and types, strategies, design, methods, and techniques of research. May be elected for up to 8 semester hours.

Experiential Studies

HDC 586 HUMAN DEVELOPMENT COUNSELING COLLOQUIUM (4-6 Hrs.)

Involves completion of an intensive project as culmination to the student's progress in the program. Project may be experimental or applied. May be taken in lieu of practicum with approval of adviser and curriculum committee. Satisfies one of general program requirements.

HDC 588 PROFESSIONAL EXPERIENCE: INTERNSHIP (4-12 Hrs.)

Supervised learning experience which allows students to implement their acquired skills in actual work settings. Focuses on intern's professional competencies. Prerequisite: practicum. Admission by application to and permission of HDC professional experience committee.

HDC 599 INDEPENDENT STUDY: TUTORIAL (4 Hrs.)

Opportunity for individualized learning. For students who can demonstrate skill in accomplishment of self-initiated activities. Topics studied may not duplicate courses currently offered in this or other programs in the university.

Individual Option

B.A.

(60 Hrs. or more)

M.A.

(30 Hrs. or more)

PROGRAM FACULTY — David Hilligoss, Ronald Ettinger, Richard McKenzie, Wilbur Moulton.

The Individual Option Program gives students a unique opportunity to design their own major concentrations at Sangamon State, apart from existing programs. The Individual Option is offered to students who want to combine areas of study in a cross-disciplinary way rather than pursue a traditional single discipline, or to students who want to focus on an area of study which is not covered in the established programs at SSU but for which appropriate faculty and other resources are available.

The Individual Option is essentially a distinctive one-of-a-kind concentration. It does not serve as a means for a student to construct a



conventional “major,” but as a means to design genuine alternatives to existing programs.

The major purpose of Individual Option is to provide an alternative for students who wish to design a degree program consistent with their own unique educational needs and goals. Individual Option believes that students must assume a responsible leadership role in the entire educational enterprise. The major function of the program staff and faculty is to provide an environment which will enhance that process. To the extent that students are not prepared for the rigorous demands of self-directed learning, Individual Option is committed to helping them develop the skills and confidence required for such an approach.

The student interested in the Individual Option program must, with the help of his or her adviser, write his or her own learning proposal. After the proposal has received approval of the adviser, the degree committee, and the program staff, the student is considered officially admitted to the program.

One recommended course is the Individual Option Colloquium, designed to help students in preparing their learning proposals. Organizing a learning proposal is the most important aspect of the process. Each student selects other courses and learning experiences in keeping with his or her goals, learning needs and objectives, and available resources in consultation with advisers and learning facilitators.

A few experimental “thematic options” are also offered through Individual Option, such as Gerontology, Philosophy, Women’s Studies, and Minorities Studies. In the future new options may include Popular Culture, Science Education, Political Economy, Association Management, and others.

The Individual Option encourages the use of nontraditional and largely untapped learning resources and experiences as well as those provided directly by the university. Those might include external study (off campus), internships, foreign study, independent study, and exchange with other educational institutions. However, the student is largely responsible for contacting resources and arranging these experiences. All independent study must be contracted as part of the learning proposal.

The Individual Option Program recognizes the university requirements of 60 hours for the B.A. and 30 hours for the M.A. as university minimums only. Normally the individually designed degree will require more credit hours and/or noncredit experiences to satisfy the interdisciplinary needs of students. All other university graduation requirements are in force. The Graduation Report requirement is satisfied by the learning proposal and the final demonstration of achievement.

A current list of thematic options, resources, and SSU faculty working with Individual Option may be obtained at the Individual Option Office. A student/faculty guide is also available in the office.

INDIVIDUAL OPTION/Course Descriptions

INO 390 EXPLORATION OF LEARNING RESOURCES (2-8 Hrs.)

Independent study, primarily experiential exploration/inventory of learning resources and/or strategies on a topic directly related to the student's Individual Option Program. Journal of exploration process, comprehensive resources inventory, and demonstration of learning (a major product) are required. May be repeated for maximum of 8 hours.

INO 400 INDIVIDUAL OPTION COLLOQUIUM (2 Hrs.)

Lecture/discussion/workshop. Discussion of individually designed learning programs. Workshop to prepare learning contracts and degree proposals for I.O. students and others interested in organizing their learning.

INO 420 DOCUMENTATION AND EVALUATION OF EXPERIENTIAL LEARNING (2 Hrs.)

Survey of current theory and practice of documenting and evaluating experiential learning for academic credit. Also helps students develop skills in documenting and evaluating experiential learning.

INO 450 DESIGN AND EVALUATION OF INDEPENDENT LEARNING (2 Hrs.)

Examination of the theory and techniques of designing and evaluating independent learning modules.

INO 470 FINAL DEMONSTRATION OF ACHIEVEMENT (2 Hrs.)

Final demonstration is required for all B.A. candidates, and those M.A. candidates who choose not to write theses. May satisfy M.A. problem-solving requirement. Demonstration must be approved by adviser and I.O. director. Must be taken during term of expected graduation.

INO 480 READINGS AND PROBLEMS IN EXPERIMENTAL STUDIES (2-8 Hrs.)

Readings are selected by instructor and student representing a wide range of works on trends and current issues in experimental education. Topics should be integrated with defining an educational problem specifically related to the student and his or her own self-learning process. May be repeated for maximum of 8 hours.

INO 500 INDIVIDUAL OPTION COLLOQUIUM (2 Hrs.)

Lecture/discussion/workshop. Discussion of individually designed learning programs. Workshop to prepare learning contracts and degree proposals for I.O. students and others interested in organizing their learning.

INO 590 INDEPENDENT FIELD PROJECT (2-8 Hrs.)

Project must be directly applicable to student's Individual Option Program. Field experience journal and formal presentation of experiences is required. May be repeated for maximum of 8 hours.

INO 599 THESIS (2-8 Hrs.)

Topics must be approved by thesis committee prior to registration. The thesis will normally satisfy the M.A. problem-solving requirement.

Legal Studies

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

The Legal Studies Program will be inaugurated with a selected number of students in the Fall Semester, 1977. The study of law as a system of justice is the primary goal of the Legal Studies Program. The public aspects of the law and the study of government as a law-making institution will be emphasized. The objectives of the program are to:

1. Develop in the student the analytical skills necessary to perceive law as a social phenomenon.
2. Develop in the student an understanding of how law is created.
3. Impart to the student knowledge in substantial areas of the law.
4. Provide the student with a clinical educational experience.
5. Develop in the student skills in legal analysis, research, and writing.

Currently, courses in legal studies are offered in the Social Justice Professions Program (SJP). Students enrolled in Social Justice Professions — Legal Studies Option will be able to complete their degree in the SJP Program or may apply for admission to the Legal Studies Program.

THE BACHELOR'S DEGREE

Recognizing the increasingly important role law is playing in modern society, the primary goal of the undergraduate program is to teach the student about the law and law-making institutions in the framework of a liberal arts education. The student will study law-making institutions and the manner in which these institutions resolve the often conflicting policy considerations underlying the law. The program is designed primarily for students transferring to Sangamon State without substantial work experience in law-related fields.

While the core courses offered in Legal Studies are of a general liberal arts nature, a sufficient number of technical courses are offered introducing the student to legal research, analysis, and communication as well as to specialized areas of the law. These skills will enhance the ability of the student to apply what has been learned in whatever career he or she may enter on completion of the program. In addition to traditional course work, extensive use will be made of clinical education. In connection with the study of legal processes, students will visit legal institutions and engage in legal problem-solving exercises.

Because of the difficult nature of the materials being studied, the program, through pre-admission counseling, will be selective in the type of student admitted.

BACHELOR'S DEGREE REQUIREMENTS

Legal Skills	12 hours
LES 301 Introduction to the Legal Process	4 hours

LES 401	Legal Research and Writing	4 hours	
LES 402	Client Advocacy	4 hours	
Legal Theory			16 hours
LES 404	Law and Social Order	4 hours	
	<i>and</i>		
LES 405	Law and Decision-Making	4 hours	
	<i>plus any two of the following:</i>		
LES 408	Government Regulation and the Ad- ministrative Process	4 hours	
LES 409	Legal Implication of Urban Change	4 hours	
PHI 461-462	The Philosophy, History, and Literature of Law	4 hours	
POS 451	Politics of Law-Making	4 hours	
SJP 464	Constitutional Law and Civil Liber- ties	4 hours	
Areas of Substantive Law			8 hours
Clinical Education			8 hours
Public Affairs Colloquia			6 hours
Electives			10 hours
			<hr/>
			Total 60 hours

Areas of Substantive Law. The student will be required to take eight hours of course work which will provide knowledge in a specific area of the law. The Legal Studies student taking these courses will be required to engage in a research or advocacy project which will allow opportunity to practice legal research skills, gain social science research skills, or engage in advocacy activities. The student may enroll in the following courses to satisfy this requirement. Other courses may be allowed with permission of the program.

- ADE 503 School Law
- CFC 338 Children and the Law
- ENP 493 Environmental Law
- POS 457 Governing the Police
- SJP 463 Constitution and Criminal Law
- SJP 511 Criminal Law
- SJP 512 Correction Law
- SJP 513 Juvenile and Youth
- SJP 514 Welfare Law
- SJP 515 Housing Law
- SJP 516 Consumer Law

Clinical Education. The student, under supervision of the Legal Studies faculty, will have the opportunity to study legal institutions by direct observation and to obtain practical on-the-job experience. The clinical education program will be divided into three stages: 1) exploratory, 2) practical experience, and 3) public service. The exploratory and public service portion of the clinical experience are integrated into the proposed curriculum. Students taking LES 301 Introduction to the Legal Process will take a two-hour laboratory course, LES 302, requiring on-site

visits to legal institutions and a series of seminars with persons employed by legal institutions. Students taking LES 402 will be required to take a two-hour clinical course in which they will use their research and advocacy skills in a public service, teaching, or advocacy project. The student will prepare and present legal training materials to elementary and secondary students, community groups, or the general public. For example, materials could be prepared for the elderly, explaining the government benefits which are available at age 65 and how to apply for them. In addition to these two specific clinical courses, it is envisioned that several of the theory and intensive courses will have exploratory and public service projects built into the course content.

The student will have the option of enrolling in a one- or two-semester work experience program during which he or she will be placed in an agency of government, in a social service agency, or in a private organization as a volunteer employee. Students can choose to work 16 hours per week for four hours' credit per semester, or eight hours per week for two hours of credit. The latter option would require two semesters to complete the clinical requirement. Close supervision of the student's activities is essential if the work experience program is to be a meaningful educational experience. The clinical education experience in Legal Studies will satisfy the university's Applied Study requirement.

THE MASTER'S DEGREE

The master's degree program is designed for students who are currently employed or who are anticipating employment in public service careers. It is anticipated that students enrolled in the program will come from a variety of educational backgrounds and will have substantial professional work experience.

Students will be admitted to the program on approval of the Legal Studies faculty. To assure firm grounding in basic areas of the curriculum, students with serious background deficiencies may be required to remedy such weaknesses prior to or concurrently with the work required for the degree.

Students currently enrolled in the Legal Studies Option of the Social Justice Professions Program may apply for admission to the Legal Studies Program. Admission will be contingent upon demonstrated ability to master legal skills and willingness to complete the degree requirements of the Legal Studies Program. The Legal Studies Option of the Social Justice Professions Program will be maintained for a period of two years to allow currently enrolled students to complete their degrees.

MASTER'S DEGREE REQUIREMENTS

Core Courses	16 hours
LES 401 Legal Research and Writing	4 hours
LES 402 Client Advocacy	4 hours
LES 501 Legal Studies Colloquium	4 hours
LES 504 (SJP 504) Law and Decision-Making	4 hours

Specialization	16 hours
Clinical education	4 hours
Public Affairs Colloquia	4 hours
	<hr/>
Total	40 hours

Core. Each student must demonstrate proficiency in the subject matter contained in the core. For students with demonstrated proficiency in one or more of these areas, appropriate substitutions will be approved.

Specialization. Through individual counseling, the M.A. student will select courses which will provide focused knowledge of a substantive area of law such as Criminal Law, Social Service Law, or Government/Administrative Law.

Clinical Education. A clinical experience is recommended for all Legal Studies students. However, alternative course work may be substituted by students who have considerable work experience.

LEGAL STUDIES/Course Descriptions

LES 301 INTRODUCTION TO THE LEGAL PROCESS (4 Hrs.)

Introduction to legal reasoning and legal institutions. Survey of law-making institutions and various substantive areas of the law. Basic legal terminology and concepts stressed.

LES 302 CLINICAL EDUCATION (2 Hrs.)

Legal Studies students taking LES 301 will be required to participate in an additional series of field trips and seminars. LES 302 will be part of the student's clinical experience. The student will study legal institutions by observing them in operation, including views of persons employed in legal institutions.

LES 401 LEGAL RESEARCH AND WRITING (4 Hrs.)

Methods of legal research into case and statutory materials. Use of public documents is stressed as well as traditional legal sources such as digests, encyclopedias, and legal periodicals. The student demonstrates skills by performing research exercises and by preparing memoranda, briefs, and other legal documents.

LES 402 CLIENT ADVOCACY (4 Hrs.)

Study of advocacy techniques used in courts, administrative tribunals, and public debate. The student is required to make written and oral presentations. Ethics of advocacy and limits of the adversary process are studied. Discovery, investigatory, and interviewing techniques are practiced. The trial of a lawsuit from client interviewing through appeal is examined.

LES 403 CLINICAL EDUCATION (2 Hrs.)

Students in the Legal Studies Program taking LES 402 will be required to participate in an advocacy or continuing legal education program as part of their clinical education experience. The student must prepare educational material in a substantive area of the law and present training sessions using this material. Alternatively, the student would work with a community group developing advocacy material.

LES 404 LAW AND SOCIAL ORDER (4 Hrs.)

Focus on law as a social control mechanism. Explores the conflict of individual freedom and social responsibility; the changing nature of law as a reflection of social changes; concepts such as the social welfare state, police power, social engineering, and the individual's relationship to his government. Surveys the basic areas of the law.

PHI 461-462 THE PHILOSOPHY, HISTORY, AND LITERATURE OF LAW (4 Hrs.)

Study of law from a humanities viewpoint. Development of an understanding of concepts and justice, individual freedom, and morality by studying the works of past and present philosophers, writers, and historians.

SJP 464 CONSTITUTIONAL LAW AND CIVIL LIBERTIES (4 Hrs.)

Focus is on select civil liberties protected by the Constitution including First Amendment freedoms of speech, press, assembly; the due process protections of the Fourth, Fifth, Sixth, Seventh, Eighth, and Fourteenth Amendments; and the equal protection guarantees of the Fourteenth Amendment.

POS 451 POLITICS OF LAW-MAKING (4 Hrs.)

Focus is on the legislative process. Study of the social and legal conflicts inherent in legislative decision-making; the role of pressure groups, lobbyists, and legislative liaisons from the executive branch; the relationship between the executive and legislative branches. Student obtains experience and legislative drafting and will follow bills through the Illinois General Assembly.

LES 408 GOVERNMENT REGULATIONS AND THE ADMINISTRATIVE PROCESS (4 Hrs.)

Focus is on the operation and law-making and adjudicative activities of the executive branch of government. Concepts of administrative due process and the relationship between state, federal, and local administrative agencies are explored. The Administrative Procedure Act and the Administrative Review Act are analyzed.

LES 409 LEGAL IMPLICATION OF URBAN CHANGE (4 Hrs.)

Focus on the law-making activities of local and municipal government. Explores issues of regionalization, home rule, and intergovernmental cooperation; the planning process and zoning; attempts of minorities and the poor to challenge city hall.

LES 501 LEGAL STUDIES COLLOQUIUM (4 Hrs.)

Provides a common framework for graduate students in Legal Studies, focusing on such topics as history and philosophy of justice, law, and legal institutions.

LES 504 LAW AND DECISION-MAKING (4 Hrs.)

Concentrates on the judicial branch of government and the constitutional doctrine of separation of powers. Examines courts and judges, from the lowest trial court to the Supreme Court; relationship of the judiciary to the political branches; issues of Federalism as well as the selection of judges and courthouse politics; court administration and decision-making in nonjudicial tribunals. Techniques of legal reasoning are stressed.

Literature

B.A.
(60 Hrs.)

M.A.
(30 Hrs.)

PROGRAM FACULTY — Dennis D. Camp, Judith Everson, Norman D. Hinton, Jacqueline Jackson, John Knoepfle, Michael Lennon, Richard J. Shereikis.

In addition to satisfying general university requirements, candidates for a degree in literature are expected to attain research, writing, analytical, and interpretive skills. Thus, a student may choose to pursue a traditional degree in English and/or American literature or develop a more personalized and less traditional program. All literature courses incorporate the methodology, tools of research, and modes of perception necessary to an understanding of specific genres and periods.

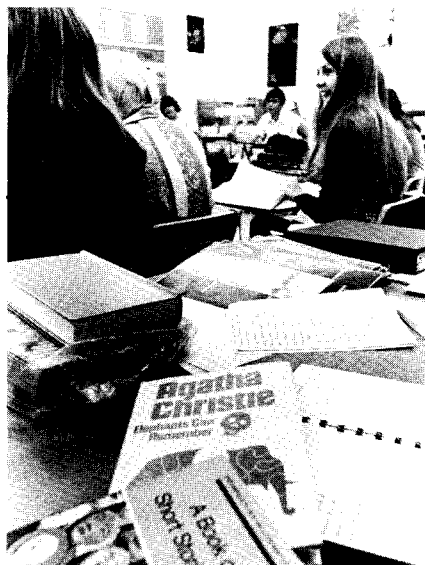
THE BACHELOR'S DEGREE

The B.A. program is open to any student who qualifies for admission to the university. The undergraduate student must take 30 semester hours of courses listed in the Literature Program. No other general requirements are deemed necessary, however, as all students, with their advisers, must develop their own programs of study according to their specific needs and interests. For students who wish a more formal introduction to the field, LIT 311 Introduction to Literary Study is offered each year by members of the program faculty. Students in LIT 311 receive an introduction to major issues and controversies in the profession while they gain experience with basic bibliographical tools and critical perspectives on the study of literature. Undergraduate students are urged to take this course some time during their study at Sangamon State.

THE MASTER'S DEGREE

M.A. candidates may develop several types of degree programs, selecting courses which suit their individual needs and interests. The program offers courses which cover specific literary periods and figures, but students will also find other options available. A concentration in creative writing courses might be appropriate for some, for example, while others might wish to focus on courses especially helpful to classroom teachers (e.g., Greek Mythology and Literature, History of Children's Literature, Teaching English in Today's High Schools, Science Fiction). M.A. candidates should work closely with their advisers to develop programs which respond to their personal and professional objectives.

The M.A. candidate must satisfy general university requirements for the degree, including 26 semester hours of credit in literature courses. Where previous course work in literature has been minimal, students may be asked to take additional courses. Students are urged to take at least four



hours at the 500 level and to enroll in LIT 572 The Graduate Colloquium in their first semester.

Students who contemplate work beyond the M.A. are urged to take at least half of their courses at the 500 level.

In their last semester of study, all prospective graduates will be examined by their graduation committees on the content of a literary work. Each semester, students will be given a list of three major works from which to choose. Students may petition their graduation committees for permission to write examination papers on works other than these three. Students will then meet with their graduation committees to determine guidelines for the papers. In some instances students may submit substantial samplings of their creative writing for review by their graduation committees. Students should meet with their advisers early in their final semesters to establish procedures for this closure experience.

LITERATURE/Course Descriptions

- LIT 311 INTRODUCTION TO LITERARY STUDY (4 Hrs.)**
Introduction to basic bibliographical tools and critical perspectives on the study of literature, and to major issues and controversies in the profession. Offered at least once each year; various members of the literature faculty may contribute during each semester.
- LIT 374 JOURNALISM: THEORY AND PRACTICE (4 Hrs.)**
Examination of current issues in journalism, with emphasis on the role of the press in the United States today. Students also write news and feature stories. See COM 374.
- LIT 375 EXPOSITORY WRITING (4 Hrs.)**
Individualized instruction in writing nonfiction for beginning and advanced writers.
- LIT 400 MAJOR FIGURES IN ENGLISH LITERATURE TO 1700 (4 Hrs.)**
Study of works of major authors such as Chaucer, Shakespeare, Donne, and Milton. Students may earn credit in several sections of 400, but specific figures studied must be different in each section.
- LIT 401 THE CANTERBURY TALES (4 Hrs.)**
Study of the entire *Canterbury Tales* and of high medieval culture, the social history of England in the period, and Chaucer's view of a just social order.
- LIT 402 MEDIEVAL LITERATURE IN TRANSLATION (4 Hrs.)**
The major types and themes of literature which form the strengths of medieval English literary culture.
- LIT 403 LITERATURE OF THE VIKINGS (4 Hrs.)**
Literature, history, myth, and visual arts of the Scandinavians during the period when they dominated much of Northern Europe.
- LIT 404 ELIZABETHAN-JACOBEAN DRAMA (4 Hrs.)**
Survey of the works of Shakespeare's contemporaries, including plays by Marlowe, Jonson, Dekker, Webster, Ford, and others.
- LIT 408 RENAISSANCE LITERATURE (4 Hrs.)**
Nondramatic literature of England from 1500 to Milton. Works of various important continental writers are read in translation.
- LIT 410 MAJOR FIGURES IN ENGLISH LITERATURE: 1700-1900 (4 Hrs.)**
Study of the works of major authors such as Pope, Blake, Wordsworth, and Dickens. Students may earn credit in several sections of 410, but specific figures studied must be different in each section.

- LIT 411 THE ENGLISH NOVEL FROM DEFOE TO AUSTEN (4 Hrs.)**
Examination of major works by major novelists of the 18th century, including Defoe, Richardson, Fielding, Sterne, Smollett, and Austen.
- LIT 412 THE ENGLISH ROMANTICS (4 Hrs.)**
Study of major and minor figures from the English Romantic period, 1789 to 1832.
- LIT 413 POETRY AND PROSE OF THE VICTORIAN AGE (4 Hrs.)**
Examination of major works by poets and prose writers of the 19th century, including Tennyson, Arnold, Browning, Carlyle, and Mill.
- LIT 414 THE ENGLISH NOVEL FROM DICKENS TO HARDY (4 Hrs.)**
Examination of major works by major novelists of the 19th century, including Dickens, Thackeray, Eliot, Meredith, and Hardy.
- LIT 420 MAJOR FIGURES IN ENGLISH LITERATURE SINCE 1900 (4 Hrs.)**
Study of the works of major authors such as Conrad, Lawrence, and Joyce. Students may earn credit for several sections of 420, but specific figures studied must be different in each section.
- LIT 421 MODERN BRITISH LITERATURE I (4 Hrs.)**
Study of novels by major authors of the 20th century — works by Conrad, Ford, Forster, and Woolf — with some emphasis on historical, political, and psychological perspectives.
- LIT 422 MODERN BRITISH LITERATURE II (4 Hrs.)**
Study of works by Lawrence, Joyce, Shaw, Murdock, Osborne, Pinter, and other important figures in recent British literature.
- LIT 430 MAJOR FIGURES IN AMERICAN LITERATURE TO 1900 (4 Hrs.)**
Study of the works of major authors such as Whitman, Twain, Melville, and Hawthorne. Students may earn credit in several sections of 430, but specific figures studied must be different in each section.
- LIT 431 THE AMERICAN NOVEL FROM BROCKDEN BROWN TO HENRY JAMES (4 Hrs.)**
Examination of major works by major American novelists of the 19th century, including Brockden Brown, Cooper, Hawthorne, Melville, Crane, and James.
- LIT 435 AMERICAN RENAISSANCE (4 Hrs.)**
Study of classic works of the American Renaissance, including *Moby Dick*, *The Scarlet Letter*, *Leaves of Grass*, and selected works by Poe, Emerson, and Thoreau.
- LIT 436 AMERICAN LITERARY REALISM (4 Hrs.)**
Fiction of such major American realists as Crane, Dreiser, Howells, James, and Wharton.
- LIT 440 MAJOR FIGURES IN AMERICAN LITERATURE SINCE 1900 (4 Hrs.)**
Study of works of major authors such as Frost, Hemingway, Faulkner, and Mailer. Students may earn credit for several sections of 440, but specific figures studied must be different in each section.
- LIT 441 LITERATURE BETWEEN THE WARS (4 Hrs.)**
Fiction of major American writers from 1919 to 1939. Study of such writers as Anderson, Lewis, Wolfe, Fitzgerald, Hemingway, Steinbeck, and Faulkner.
- LIT 442 MODERN AMERICAN NOVEL (4 Hrs.)**
Survey of major post-war novelists such as Updike, Mailer, Oates, Bellow, Ellison, O'Connor, Roth, and Malamud.
- LIT 443 CONTEMPORARY AMERICAN POETRY (4 Hrs.)**
Survey of the present scene in American poetry, with some concentration on writers who came of age in the sixties. Included are John Logan, James Wright, Robert Lowell, Robert Creeley, Allen Ginsberg, and John Ashberry.

- LIT 444 CONTEMPORARY MIDWESTERN FICTION (4 Hrs.)**
Study of works by Robert Coover, Warren Fine, Stanley Elkin, William Gass, Joyce Carol Oates, and Wright Morris, among others.
- LIT 450 MAJOR FIGURES IN WORLD LITERATURE (4 Hrs.)**
Study of the works of major authors such as Dante, Kafka, Yeats, and Tolstoy. Students may earn credit for several sections of 450, but specific figures studied must be different in each section.
- LIT 451 CONTINENTAL LITERATURE I (4 Hrs.)**
Readings in continental literature from Classical Greece to the European Renaissance.
- LIT 452 CONTINENTAL LITERATURE II (4 Hrs.)**
Readings in continental literature from the 17th century to the present, including works by Racine, Goethe, Ibsen, Kafka, and Brecht.
- LIT 454 MASTERPIECES OF RUSSIAN LITERATURE (4 Hrs.)**
Study of the works of major Russian writers of the 19th and 20th centuries. Includes novels, poems, and plays. Works to be read in translation. Authors include Tolstoy, Dostoevsky, Gogol, Chekov.
- LIT 455 LITERATURE AND THE BIBLE (4 Hrs.)**
A study of biblical literature and its influence on English and American writers.
- LIT 459 GREEK MYTHOLOGY AND LITERATURE (4 Hrs.)**
A study of Greek mythology not only in Greek literature but also as it is used by more modern writers.
- LIT 460 THEMES IN LITERATURE (4 Hrs.)**
Examinations of how literary works express such themes as the American dream, futurism, industrialism, minority experiences, and women's roles. Students may earn credit in several sections of 460, but specific content of each section must be distinct from others.
- LIT 461 TEACHING ENGLISH IN TODAY'S HIGH SCHOOL (4 Hrs.)**
Examination of recent trends in the teaching of English on the secondary level, with emphasis on methods and materials for individualizing instruction in composition and literature.
- LIT 465 HISTORY OF THE ENGLISH LANGUAGE (4 Hrs.)**
Study of the development of the sounds, vocabulary, and structure of English from earliest times to the present. Special attention given to American English and to dialects of Illinois.
- LIT 466 INTRODUCTION TO LINGUISTICS (4 Hrs.)**
Introduction to the study of language. No previous experience in linguistics required. Topics include word history, dialects, sounds, and forms of language.
- LIT 470 CREATIVE WRITING (4 Hrs.)**
Instruction in writing original poetry and prose. Students may earn credit in several sections of 470, but focus must be different in each section taken.
- LIT 471 PERCEPTUAL WRITING (4 Hrs.)**
Creative writing course to increase personal awareness of worlds within and without, and to stimulate expression of this awareness in words. Community is essential, so reasonable attendance is required. A central concern is what encourages creativity, making course valuable for those who live or work with children.
- LIT 472 THE PERSONAL JOURNAL (4 Hrs.)**
A writing class with a reading component of personal journals: the famous, infamous, and little known — children's as well as adults' — including Pepys, Boswell, Emerson, Anais Nin, Anne Frank, Maggie Owen. Each student keeps a personal journal.
- LIT 480 LITERARY GENRES (4 Hrs.)**
Examinations of such genres as creative nonfiction, science fiction, children's literature,

film, drama, and fantasy. Students may earn credit for several sections of 480, but focus of each must be distinct from others.

LIT 485 HISTORY OF CHILDREN'S LITERATURE (4 Hrs.)

Study of books children appropriated before there was a "children's literature" and since, as well as books written with children in mind. Encompasses both literature and a social history of children and the family. See CFC 439.

LIT 510 SEMINAR: MAJOR FIGURES IN ENGLISH LITERATURE TO 1700 (4 Hrs.)

Study of the works of one or two major authors. Acquaints students with significant scholarly research concerning these figures. Students may earn credit in more than one section of 510, but specific figures must be different in each section.

LIT 516 MIDDLE ENGLISH LITERATURE (4 Hrs.)

Readings in various genres of medieval English literature (lyric, romance, drama, chronicle, etc.). Works are read in Middle English, but no previous experience of that period is necessary. Introduction to main problems of studying ME literature, both scholarly and critical. Advanced undergraduates admitted with permission of instructor.

LIT 520 SEMINAR: MAJOR FIGURES IN ENGLISH LITERATURE: 1700-1900 (4 Hrs.)

Works of one or two major writers are studied in depth. Students review relevant scholarly and critical endeavors. Students may earn credit in more than one section of 520, but specific content of each section must be distinct from others.

LIT 530 SEMINAR: MAJOR FIGURES IN ENGLISH LITERATURE SINCE 1900 (4 Hrs.)

Examination of one or two major English authors of this century. Students may earn credit in more than one section of 530, but authors must be different in each section.

LIT 540 SEMINAR: MAJOR FIGURES IN AMERICAN LITERATURE TO 1900 (4 Hrs.)

Works of one or two major authors. Students review relevant scholarly and critical endeavors. Students may earn credit in more than one section of 540, but specific content of each section must be distinct from others.

LIT 550 SEMINAR: MAJOR FIGURES IN AMERICAN LITERATURE SINCE 1900 (4 Hrs.)

Examination of one or two major authors in this century, with some emphasis on research as well as on reading and class participation. Students may earn credit in more than one section of 550, but authors treated must be different in each section.

LIT 560 SEMINAR: MAJOR FIGURES IN WORLD LITERATURE (4 Hrs.)

Study of major authors in relation to their own particular context and wider context of other lands and literatures. Investigation of significant scholarship on this figure. Students may take more than one section of course, provided that different author is stressed in each section.

LIT 570 SPECIAL TOPICS IN LITERATURE (4 Hrs.)

Study of development and ramifications of a major theme or topic in literature (for instance, the Faust theme or politics and literature), with reference to important research in the area. Students may earn credit in more than one section of course if topics are varied in each section.

LIT 571 THE GRADUATE STUDY OF LITERATURE (4 Hrs.)

Introduction to the graduate study of literature, with emphasis on bibliography and research and current issues in the profession.

LIT 572 THE GRADUATE COLLOQUIUM (1 Hr.)

Introduction to the graduate study of literature and to the program faculty and curriculum.

The following courses offered elsewhere in the university are approved for cross-listing

by the Literature Program. Normally, no more than two of these cross-listed courses may apply to the concentration in literature.

COM	412	Psycholinguistics
COM	415	Language Acquisition: The Formative Years
COM	430	Studies in the Art of the Film
COM	431	Film as Art
COM	451	Filmmaking I
COM	452	Filmmaking II
ENP	477	Expressions of American Naturalism: From Colonial Days to Wendell Berry
HIS	404	The American Midwest: A Cultural and Historical View
HIS	423	World of W. E. B. Dubois

Management

B.A.
(60 Hrs.)

PROGRAM FACULTY — Jay H. Abrams, Mangi L. Agarwal, Edgar T. Busch, Judith E. Doerr, Robert J. Dworak, Yunus A. Kathawala, Donald S. Kline, Barton J. Michelson, L. William Murray, Jr., Marvin M. Okanes, Anna May Smith, James C. Worthy.

ADJUNCT FACULTY — George Hatmaker.

Contributing faculty are drawn from other programs within the university, and from the public and private sectors of the community.

The Management Program is designed to prepare students for careers in management in both the public and private sectors, and/or graduate study. The program is based on the premise that management is a general science that can be applied to all organizations. Provision is made both in course work and during the Practicum/Internship for the exploration of specific career areas in which students have an interest.

The management curriculum is multidisciplinary and includes concepts developed in the behavioral sciences, social sciences, humanities, and mathematical sciences. In addition to lecture and discussion, teaching techniques include games and simulations, programmed learning, and team teaching.

THE BACHELOR'S DEGREE

The program leads to the degree of Bachelor of Arts in Management, and requires a minimum of 60 semester hours, generally distributed as follows:

Generic Management Core	28 hours
Electives	20-26 hours
Management/Practicum/Internship/Applied Study Experience	2-8 hours
Public Affairs Colloquia	4 hours

(Note: The university requires six hours of Public Affairs

Colloquia for the B.A. degree; however, two of the 28 hours of the Generic Management Core are counted toward this requirement.)

ENTRANCE REQUIREMENTS

Other than satisfying the requirements for admission to the university, there are no specific requirements for admission to the Management Program. In-coming students are required to participate in diagnostic exercises which include tests of writing and critical thinking skills. (A fee is required.) Students who demonstrate deficiencies will be assisted by their advisers, in cooperation with the Learning Center, in developing competencies.

TYPES OF STUDENTS SERVED

Because of its generic core, the Management Program is designed to serve the needs of both full-time and part-time students who are interested in careers in business administration, public administration, and health services administration.

Students Interested in Business Administration

Students interested in careers in business and industry who have taken courses in accounting, economics, finance, mathematics, etc., are encouraged to use their elective hours to acquire a broad-based program in liberal arts. Students who have strong liberal arts backgrounds in their previous college work are encouraged to use their elective hours to acquire competencies in the functional areas of management.

Students Interested in Public Administration

Students interested in careers dedicated to public service are encouraged to develop a program of electives designed to enable them to acquire the specialized skills needed by public managers of the future.

Students Interested in Health Services Administration

Students interested in careers in health services administration are required to participate in the Management Core program. In the second year, electives are taken which prepare students for direct entry into middle-management careers in health services and broaden the knowledge and skill bases of those already employed in health organizations. Additional information concerning the candidacy requirements may be obtained from the Health Services Administration Program.

Students Interested in Dual Majors

Provision is made for the student who desires a dual major in the following:

MANAGEMENT/HEALTH SERVICES ADMINISTRATION

MAN 301	The Foundations	8 hours
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MAN 302/303 Operating Systems/Strategic Management Systems	16 hours
MAN 401 Capstone Seminar	4 hours
HSA 431 Health Services in Society	4 hours
HSA 432 The U.S. Health System and Its Management	4 hours
Approved MSU Elective	4 hours
PAC	4 hours
AST in Management/HSA	8 hours
ACC 421 Administrative Uses of Accounting Information	4 hours
Approved HSA Elective	4 hours

Total 60 hours

A student with a dual major is required to have an adviser in each program.

THE GENERIC MANAGEMENT CORE

The heart of the Management Program is the Generic Management Core. Rather than a collection of discrete courses, the core consists of one integrated study sequence totaling 28 semester hours of credit.

The content of the core seeks to integrate, utilize, and constantly emphasize the following nine characteristics, all of which are thought to be germane to successful management practice in organizations of the 1980s.

1. *Skills development.* The focus is on three skills categories: communications (written, oral, and listening); methodologies (quantitative and qualitative); and concepts (e.g., power, culture, market-price).
2. *Future orientation.* The curriculum attempts to develop in the student an awareness of the rapidity of technological change and shifting values by utilizing a wide range of futures techniques such as Delphi forecasting, cross-index matrices, scenario building.
3. *Full integration.* There are no separate courses; the core is broken into three or four segments, depending on whether the student wishes to attend classes full time or part time.
4. *Generic approach.* The program seeks to prepare students for careers in business, health care, public, education administration, and/or graduate study. When materials are introduced which deal with the four subsystems operating in any organization (human resources, finance, marketing, production), those materials are viewed in terms of similarities in both public and private sector activities.
5. *Focus on humanism.* The main concern of the program is with people, their personal growth within organizations, their potential contribution to the organization.
6. *Cognitive/affective synthesis.* The program attempts to unite inquiries in the domain of fact and theory with those in the domain of value and emotion. The central role of values — how they are

formed and reinforced or undermined — is the primary focus in the first segment of the core.

7. *Systems approach.* The goal of the program is to develop in the student the ability to think, plan, and operate on the basis of systems perception. It is deemed important for the student to understand how the pieces fit together regarding decision-making for the manager of the future.
8. *Team teaching.* The Management Core is delivered via a team of two or more instructors. At least one of the team is a full-time Management Program faculty, and the other(s) are practitioners from either private or public organizations.
9. *A synthesis of theory and practice.* Much of the material dealing with a model of value change, interacting subsystems, and general systems is theoretical and abstract in nature. Through lectures of



visiting practitioners and via field studies, the student sees the relationships between theory and practice.

Although the core is considered to be a single course, for grading and record-keeping purposes, the credits are divided as follows:

Full-Time Program

MAN 301	The Foundations	8 hours
MAN 302/303	Operating Systems/Strategic Management Systems	16 hours
MAN 401	Capstone Seminar	4 hours
		28 hours

Part-Time Program

MAN 301	The Foundations	8 hours
MAN 302	Operating Systems	8 hours
MAN 303	Strategic Management Systems	8 hours
MAN 401	Capstone Seminar	4 hours
		28 hours

All students are required to take the core segments in the following order: MAN 301, 302, 303; the Capstone Seminar is taken in the last semester before graduation. All students are required to take MAN 401.

In the full-time program, the Generic Management Core requires three semesters for completion. In the part-time program, usually four semesters are required for completion.

Electives, complementing the core, provide the flexibility needed to support the individual career aspirations of management students. A minimum of 20 hours of electives is required, at least eight hours of which must be in the field of management.

MANAGEMENT/Course Descriptions

GENERIC MANAGEMENT CORE

MAN 301 FOUNDATIONS

(8 Hrs.)

Segment begins with a set of four diagnostic exams having two purposes: to provide base-line data for each student against which progress in the program may be measured, and to indicate areas of initial weakness thus permitting the student the opportunity for enrichment via computer-assisted instruction, self-programming, and tutoring by faculty and senior students.

Continues with a brief but intensive look at the evolution of management thought and accepted management theory. Because human behavior in organizations results from values held by organizational members, it is necessary to examine the process of value formation and change. Examination is made of 1) how values are formed in family, church, and school as the concept of class emerges; 2) how values are changed by work experience and dealing with governments, unions, and consumer movements; and 3) how all values are being challenged by technology. The examination of "futurology" includes this segment.

MAN 302/303 OPERATING SYSTEMS AND STRATEGIC MANAGEMENT SYSTEMS

(16 Hrs.)

Operating Systems (MAN 302)

Segment begins with an intensive examination of the systems approach to organizations. Philosophy and principles of a systems approach and the five interrelated organizational elements (purpose, people, techniques, structure, and information) provide a framework for viewing the functions of the four key operating systems in any organization. 1) *Human resources*: allocation, acquisition, and utilization of human talent; skills are developed in interviewing, interpersonal relations, and human resources planning. 2) *Finance*: use of financial statements and development of skills in the application of quantitative methods to capital budgeting and cash flow. 3) *Productive*: the three basic productive processes; uses of quantitative methodology in dealing with questions of quality control and materials flow. 4)



Marketing: pricing, product, channels of distribution, and promotion. Throughout this segment, case analysis is used as a primary learning tool. Prerequisite: MAN 301.

Strategic Management Systems (MAN 303)

Segment begins with application of systems language and inquiry framework (which began MAN 302) to the total concept of management by system. A wide range of generic organizational examples is used to develop analytic and integrative skills. Primary focus is on the active role of a) change, b) attitudes, and c) information. Case study analyses, simulations, experiential exercises are intensively used as learning tools. Prerequisites: MAN 301/302.

MAN 401 CAPSTONE SEMINAR (4 Hrs.)

A capstone and integrator for previous studies. Emphasis on interrelationships between changes in roles of managers, structures of organizations, and nature of environments. Framework of inquiry deals with future prospects. A major research investigation is required. Prerequisites: MAN 301, 302/303.

MANAGEMENT ELECTIVES

Services Courses

MAN 404 ECONOMICS FOR MANAGERS (4 Hrs.)

Basic principles of micro- and macroeconomic theory with emphasis on the price system. Application of these principles to managerial problems. Intended for Management Program students. Offered spring and summer. See ECO 404.

MAN 405 ADMINISTRATIVE USES OF ACCOUNTING INFORMATION (4 Hrs.)

For students whose objectives are to develop an understanding of the uses of accounting information for purposes of planning, control, and decision-making. Emphasizes accounting processes and measurements; significance and limitations of financial statements; managerial accounting concepts and applications. See ACC 421.

Courses for Nonmanagement Majors

MAN 411 SMALL BUSINESS ENTERPRISE (4 Hrs.)

Identification, development, and growth of the entrepreneur and his business within the free enterprise system. Focus on existing as well as new firms. Primarily for those interested in developing or acquiring an equity interest in a business venture.

MAN 412 GETTING ALONG WITH MANAGEMENT (4 Hrs.)

Introduction to operational aspects of managerial functions in private and public organizations. Focus is two-fold: 1) to orient participants to managerial environment of organizations, and 2) to provide experiential opportunities to enable class participants to develop their skills as well as to understand interpersonal dynamics. Limited to nonmanagement and nonadministration students.

Human Resources

MAN 421 MANPOWER: PROCEDURES AND ISSUES (4 Hrs.)

Examination of manpower function in business, nonprofit, and public organizations. Topics include recruitment, selection, compensation, performance appraisal, training, and job analysis.

MAN 422 MANAGING THE PROFESSIONAL WORKER (4 Hrs.)

Examination of professionalism in large organizations and problems associated with managing the professional worker. Concentration on attributes of professions, elements of professional identification, and professional values and attitudes. Particular focus on professional/organizational role conflicts and their resolution.

MAN 423 LABOR RELATIONS (4 Hrs.)

Examination of behavioral, economic, social, political, and institutional forces which affect the character and quality of employer-union-management relationships and objectives in both public and private employment.

MAN 424 THE PUBLIC PERSONNEL EXECUTIVE (4 Hrs.)

Examination of the management of personnel in the public sector and those features unique to public service. Topics include: rise of the merit system, collective bargaining in public service and civil service reform, employee classification and training.

Marketing**MAN 431 ADVERTISING AND MARKETING STRATEGY (4 Hrs.)**

Survey of advertising techniques, in both print and electronic media, by any organization — public, private, or nonprofit. Examines socio-cultural implications of advertising; investigates the interface between promotional strategy and other key marketing strategy decisions.

MAN 439 SEMINAR IN MARKETING (4 Hrs.)

Opportunity to improve students' understanding of the many dimensions in developing a marketing strategy. Emphasis on strategies of advertising, pricing, product analysis and development, and market planning and research. Prerequisites: MAN 301 and 302/303 or permission of instructor.

Finance**MAN 442 SEMINAR IN PUBLIC FINANCIAL MANAGEMENT (4 Hrs.)**

Major emphasis on the management and interrelationship of all segments of public finance: budgeting, revenue sources, revenue administration, debt management, and the motivational potential of the financial system. Students should have at least rudimentary knowledge of budgeting and taxation.

MAN 443 FINANCIAL INVESTMENT ANALYSIS (4 Hrs.)

Elements of an "ideal" investment: examination and testing of specific investment securities. Considers alternative approaches to management of common stock and fixed-income security portfolios. Problems and cases are assigned for analysis.

MAN 444 SEMINAR IN CORPORATE FINANCE (4 Hrs.)

Focus on social and economic consequences of corporate financial policies. Projection of aggregate sources and uses of business funds, dividend policies, and identification of possible financial gaps are emphasized. Examines business and social aspects of mergers and reorganizations.

Production**MAN 449 SEMINAR IN PRODUCTION MANAGEMENT (4 Hrs.)**

Comprehensive coverage of principles and practices relating to management of the production function. Coverage is broad and includes both line and staff functions. Special emphasis given to automation, computer use in industry, and other modern techniques.

Other Functional Areas**MAN 450 ISSUES IN MANAGEMENT (1-8 Hrs.)**

Variable-credit-hour course designed for specific groups of students in a variety of organizational settings. Wide range of management issues examined. Enrollment requires approval of student's academic adviser.

Quantitative Methods**MAN 459 SEMINAR IN MANAGEMENT SCIENCE (4 Hrs.)**

In-depth examination of following topics: systems concept in operations research; problem definition; model formulation, construction, and computer implementation; methods of quantitative analysis with emphasis on simulation techniques and model analysis.

Communications

MAN 461 COMMUNICATION IN PUBLIC RELATIONS (4 Hrs.)

Topics include current methods of dissemination of public information as practiced by business, government, industry, educational, and social organizations; role responsibilities of public information officers in private and public sectors.

MAN 462 ORAL COMMUNICATION FOR MANAGERS (4 Hrs.)

Stresses both theory and practice of oral communication in organizations. Emphasis on individual and group performance, relating this to communication theories; briefing procedures for staff and board meetings; parliamentary effectiveness in groups; and concepts of semantics for clarity in communication.

MAN 463 ADVANCED REPORT WRITING FOR MANAGERS (1-4 Hrs.)

For those managers who need to develop expertise in report writing. Special attention given to individual needs. Emphasis on techniques of planning, organizing, writing, and editing. Given with the cooperation of the Learning Center.

Public Administration

MAN 465 POLITICAL ENVIRONMENT OF PUBLIC ORGANIZATIONS (4 Hrs.)

Introduction to issues related to the mutual interaction of politics and management in the public sector. Issues are examined as they relate to public organizations at national, state, and local levels.

MAN 466 MANAGEMENT OF PUBLIC ORGANIZATIONS (4 Hrs.)

Introduces the undergraduate student to management processes and theories as they specially relate to public administrative organizations. Acquaints the student with major problems and issues involved in public management.

Other Courses

MAN 330 PROBLEMS IN MANAGEMENT (1-8 Hrs.)

Broad-based course highlighting particular areas of the management core. Topics offered on selective basis to help students consolidate core program. With approval of a management adviser, course may be substituted for specific sections of the pre-fall, 1975, management core. May be taken for an unlimited number of credit hours, but a particular topic may not be repeated for credit.

MAN 475 ORGANIZATIONAL ETHICS (4 Hrs.)

Introduction to study and understanding of role of ethics in organizational behavior. Focus on cases from public and private sectors with a view toward development of individual ethical standards. Specific topics include conflict of interest, financial disclosure on the part of managers, and the difference between legal and ethical behavior. See PHI 422.

MAN 476 LEGAL ENVIRONMENT OF ORGANIZATIONS: SOCIAL AND ECONOMIC IMPLICATIONS (4 Hrs.)

Survey of the exercise of administrative, legislative, and judicial power in regulating activities of public and private organizations. Mergers, monopoly power, and unfair trade practices examined in light of present regulatory techniques. Emphasis on how social, economic, and political issues play a role in shaping legal decisions which affect the organization.

MAN 477 MANAGEMENT SIMULATIONS (4 Hrs.)

Students make decisions in a simulated environment, examine the results of these decisions, and make further decisions based on these results. Opportunities are diagnosed, objectives planned, and strategies developed. Process should lead the student to an understanding of most organization operations.

MAN 478 THE MANAGEMENT OF CHANGE (4 Hrs.)

Survey of current methods of dealing with change as a solution to organizational problems. Techniques used by "change agents" examined in context of their underlying rationale, particularly as they relate to diagnosis of problems in organizations experiencing significant difficulties.

MAN 479 DECISION-MAKING IN ORGANIZATIONS (4 Hrs.)

Major theories of decision-making, their application in the organizational environment, and recent techniques for improving or facilitating organizational decision-making.

Policy and Strategy

MAN 480 MANAGEMENT PRACTICUM/INTERNSHIP (4-8 Hrs.)

Practicum/internship translating concepts, skills, and methodologies articulated in the generic core into viable and useful management skills. It places the student in a "real management situation" and provides feedback on performance. Field experience required. May be taken for an unlimited number of credit hours, but a particular topic may not be repeated for credit.

MAN 481 MANAGEMENT PRACTICUM/INTERNSHIP: II (2 Hrs.)

For students with significant managerial experience or for those who would have difficulty getting permission from their organization to engage in field experience. Classroom component of practicum/internship only.

MAN 482 PLANNING AND CONTROL (4 Hrs.)

Analysis of goal development and the organization's means for achieving goals. Concepts and methods of formulation of management objectives, strategies, policies, and procedures. Applied planning and control techniques.

MAN 483 CURRENT ISSUES IN MANAGEMENT PRACTICE (4 Hrs.)

Review of major problems confronting modern management and examination of practical alternatives available to managerial decision-makers. Draws from noted contributors to fields of business, government, and consulting, and from management faculty. Audio and visual delivery systems utilized as points of departure for discussion and course work.

MAN 484 INTERNATIONAL BUSINESS POLICY: PRINCIPLES AND CASES (4 Hrs.)

Present conduct of international business operations; discussion of economic, political, legal, and cultural dimensions of enterprise abroad; and special problems confronting management decision-making in such enterprises.

MAN 487 MANAGEMENT AND THE FUTURE: ORGANIZATIONS, HUMAN VALUES, AND THE MACRO-ENVIRONMENT (4 Hrs.)

Examination of how managers in future, large, complex organizations can prevent "future shock." Views theories, concepts, models, and practices at the frontier of the interrelationships between complex organizations, and the global macro-environment. Develops skills in forecasting, long-range planning, and decision-making.

Mathematical Systems

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — D. Anton Florian, Lois Graff, K. G. Janardan,
Donald S. Klett, Philip Koltun, King Lee,
Charles E. Pinkus, Mary Kate Yntema.

Sangamon State University is committed to public affairs and to the preparation of students for productive careers. To meet the ever-increasing demand for diverse quantitative skills, the Mathematical Systems Program offers courses in four areas of mathematics: pure mathematics, statistics, computer science, and operations research.

A student who plans to do graduate work in any area of mathematics, science, or engineering, or who wishes to pursue a career in teaching, will probably choose to take most courses in pure mathematics. The student concentrating in statistics will learn to use and apply statistical techniques to real-life problems, and will acquire the skills of collection, tabulation, analysis, and interpretation of data needed to provide the quantitative information used in a modern technological society. Computer science at Sangamon State deals solely with software (development of the programs that control the machine) rather than hardware (the machine itself). Students are trained to design and analyze small-scale and/or large-scale computer systems and to design and implement the required systems programs. Usage of an outstanding variety of interactive and batch-processing computing systems — including an IBM 360/75; CDC Cyber 72; and an HP 3000 — is integrated into the curriculum. Operations research deals with the application of mathematics to solving complex problems of human organizations. Students in this area analyze decision and control problems involving the interaction of many factors and organizational components; construct mathematical, economical, and statistical descriptions or models of these problems; derive solutions from these models; and test and implement the solutions.

Students are not restricted to concentrating in one of the four areas of the Mathematical Systems Program; they may choose courses from different areas to fit their individual interests.

THE BACHELOR'S DEGREE

All Mathematical Systems students are expected to have had a year of calculus before entering the program, and must demonstrate their proficiency by passing a test administered at SSU each year. Students who have not studied calculus may prepare for the test by taking MSU 409 and completing additional modules designed for that purpose.

In addition to the general university requirements for graduation, the student must take 28 semester hours of MSY courses. The following four courses are required of all students:

MSY 411	Linear Algebra I	(2 Hrs.)
MSY 421	Probability and Statistical Application	(2 Hrs.)
MSY 472	Construction of Deterministic Operations Research Models . . .	(2 Hrs.)
MSY 354	Computer Fundamentals and Programming I	(2 Hrs.)

In addition the student must take all the courses listed in one of the following alternatives. In consultation with his faculty adviser, each student should choose alternative and elective courses to meet his educational goals.

Alternative A

MSY 412	Linear Algebra II	(2 Hrs.)
MSY 415	Advanced Calculus	(4 Hrs.)
MSY 422	Statistical Analysis	(2 Hrs.)

	Mathematical Systems electives	(12 Hrs.)
<i>Alternative B</i>		
MSY 412	Linear Algebra II	(2 Hrs.)
MSY 422	Statistical Analysis	(2 Hrs.)
MSY 473	Construction of Probabilistic Operations Research Models . . .	(2 Hrs.)
<i>One of:</i>		
MSY 474	Solution of Deterministic Operations Research Models . . .	(2 Hrs.)
<i>or</i>		
MSY 475	Solution of Probabilistic Operations Research Models . . .	(2 Hrs.)
	Mathematical Systems electives	(12 Hrs.)
<i>Alternative C</i>		
MSY 355	Computer Fundamentals and Programming II	(2 Hrs.)
MSY 453	Computer Architecture	(4 Hrs.)
MSY 454	Information Structures	(4 Hrs.)
	Mathematical Systems electives	(10 Hrs.)

A student may pass a proficiency examination in any of the above courses in lieu of taking the courses.

The four core courses taken by all B.A. candidates give the student a sampling of different areas of Mathematical Systems. Each alternative provides a foundation in one area. The electives may be chosen for breadth in Mathematical Systems in general, or for depth in a particular area. Several sample courses of study follow.

A student interested in a career in teaching or in acquiring a foundation in pure mathematics as a basis for later specialization should choose Alternative A and take MSY 413 Abstract Algebra as one of the electives.

A student interested in the theory of statistics as preparation for jobs in government or industry should choose Alternative A, take MSY 425 Statistical Inference, and pick two courses numbered from MSY 440 to MSY 444.

Students interested in applied statistics as preparation for jobs in government or industry should choose Alternative B with MSY 475 Solution of Probabilistic Operations Research Models, take MSY 425 Statistical Inference, and select two electives from MSY 335 or MSY 436 to MSY 441.

A student wishing to prepare for a computer-related career in government, business, or industry might wish to concentrate in computer systems analysis — i.e., directing the implementation of computer systems, producing unified operating packages, and evaluating computer systems with respect to design objectives. Such a student should choose Alternative C, taking MSY 422 Statistical Analysis, MSY 417 Numerical Analysis, and MSY 485 Systems Simulation as Mathematical Systems electives. He should also take at least one course in the Management or Administration program.

A student interested in computer systems programming, the design

and implementation of systems control programs, should choose Alternative C with MSY 455 Structure of Programming Languages, MSY 457 Compiler Architecture, and MSY 461 Operating Systems Principles as Mathematical Systems electives. Such a student may wish to take MSY 463 and MSY 464 Systems Programming Laboratory I and II in lieu of an Applied Study Term. An individual project done in these courses would be a valuable portion of a portfolio when the graduate looks for a job.

A student interested in operations research — i.e., applying quantitative problem-solving techniques from a broad range of applied mathematics to contemporary real-life problems — should choose Alternative B; take both MSY 474 and MSY 475 Solution of Deterministic and Probabilistic Operations Research Models; take ACC 421 Administrative Uses of Accounting Information in place of four hours of Mathematical Systems electives, and eight hours of OR/SA Practicum in lieu of the Applied Study Term.

THE MASTER'S DEGREE

The master's degree in Mathematical Systems involves 40 semester hours of work. Well-prepared students may waive up to 10 hours, but students entering with deficiencies may need to complete more than 40 hours. All M.A. candidates must demonstrate competency in calculus and the ability to program a computer.

The Mathematical Systems Program consists of four options: Mathematics, Statistics, Computer Science, and Operations Research/Systems Analysis. Most students choose one of these options for specialization, but one may design an individualized program combining features from several options. In all cases students should select courses in consultation with an adviser, and the student's program of study must be approved by the Mathematical Systems program committee to assure its coherence.

Besides completing Mathematical Systems requirements each student must satisfy all university requirements, including earning four semester hours in PAC's and successfully completing a problem-solving exercise.

MATHEMATICS OPTION

An M.A. in mathematics requires 40 semester hours; 32 hours must be in MSY courses, at least 12 hours of which are at the 500 level. Up to 10 hours may be waived for the student who has taken linear algebra, abstract algebra, and advanced calculus as an undergraduate.

For the mathematics student, the general university requirement of a problem-solving exercise takes the form of a formal seminar. The student is required to develop a presentation on some aspect of mathematics not studied formally in class. The topic and the presentation should demonstrate the student's ability to bring together, in a coherent fashion, theory from different mathematical fields.

STATISTICS OPTION

An M.A. in statistics requires 40 semester hours. A total of 28 hours

must be in statistics, at least 12 of which are at the 500 level. In addition a student must also take four hours of mathematics from the following list:

MSY 415 Advanced Calculus

MSY 417 Numerical Analysis

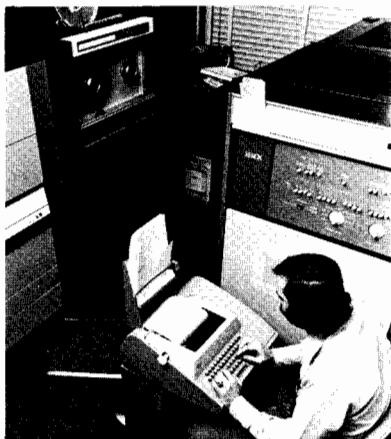
MSY 519 Complex Analysis

If the student has not had advanced calculus as an undergraduate, the four hours must be in advanced calculus. The student who has not had linear algebra must take MSY 411 and MSY 412 Linear Algebra I and II as part of his electives. Up to 10 hours of the total 40 may be waived for the student who has taken probability and statistical applications, statistical analysis, statistical inference, and linear algebra as an undergraduate.

For the statistics student, the general university requirement of a problem-solving exercise takes the form of a formal seminar. The student is required to develop a presentation on some aspect of statistics not studied formally in class. The topic and the presentation should demonstrate the student's ability to bring together theory from different statistical fields. As an alternative, the student may elect to write a paper on an assigned topic in statistics.

COMPUTER SCIENCE OPTION

The M.A. in computer science requires 40 semester hours; 34 hours must be in computer science or related Mathematical Systems courses.



The entering student should have the course background or demonstrable competency in the subject areas required of a student who graduates from SSU with a specialization in systems programming in the Mathematical Systems Program — i.e., MSY 453 Computer Architecture, MSY 454 Information Structures, MSY 455 Structure of Programming Languages, MSY 457 Compiler Architecture, and MSY 461 Operating Systems Principles. A student entering without deficiencies may waive 10 semester hours. A student with deficiencies may apply up to 10 hours to overcoming them.

The M.A. candidate must complete a problem-solving project during

his last year at SSU. The project will be mostly, if not entirely, completed in MSY 569. The result of the project may become a major portion of the student's employment portfolio. The project also satisfies the university requirement of a problem-solving exercise.

OPERATIONS RESEARCH/SYSTEMS ANALYSIS OPTIONS

Operations Research/Systems Analysis (OR/SA) is concerned with applying quantitative techniques to problem-solving and decision-making. The program provides options of interest to students with nontechnical backgrounds as well as those with quantitative backgrounds. There are two master's degree options: the M.A. in public systems analysis and the M.A. in operations research. Basic to both is the OR/SA practicum during which students apply quantitative problem-solving techniques to the solution of real problems.

The M.A. in Public Systems Analysis

This program is designed to interest the student whose undergraduate specialty differed from the study of techniques of quantitative problem-solving. Although candidates need not have strong mathematics backgrounds, they must have the willingness to learn various topics in applied mathematics necessary to use operations research and systems analysis techniques. Entering students are expected to have a bachelor's degree in a nonquantitative discipline. The program generally requires 40 semester hours of study; however, students may petition the Mathematical Systems program committee for up to 10 semester hours of advanced standing. The course requirements for this degree are:

MSU 409 Techniques of Analysis	2 hours
OR/SA Core courses	8 hours
400- or 500-level course work related to problems in the public sector	12 hours
OR/SA Practicum	6 hours
(Up to 4 hours of other OR course work substituted for students with project experience.)	

In addition, the student must pass the OR/SA Core Exams, display competency in the quantitative tool subjects described here, and demonstrate the ability to use operations research in the public sector. A handbook providing detailed degree requirements is available from program faculty.

The M.A. in Operations Research

This program is for the student with an undergraduate degree in science, engineering, or mathematics (including computer science, OR/SA, and statistics) who is interested in becoming an operations research analyst or systems analyst. The M.A. requires 40 semester hours of work, up to 10 hours of which may be waived for the student with a good background in operations research, statistics, or mathematics (See

quantitative tool or OR/SA Core courses described below.). Students concentrate on mathematical theory underlying techniques of operations research and systems analysis and develop skill in supervising an operations research study. The course requirements for this degree are:

Operations research (excluding OR/SA Core courses and OR/SA Practicum)	12 hours
Mathematics (past calculus)	4 hours
MSY 425 Statistical Inference	4 hours
OR/SA Practicum	6 hours
(Up to 4 hours of other OR course work substituted for students with project experience.)	

In addition, the student must pass the OR/SA Core Exams, display competency in reading OR/SA literature, and demonstrate the ability to lead an operations research study. A handbook providing detailed degree requirements is available from program faculty.

Quantitative Tool Subjects and OR/SA Core

Necessary to the ability to obtain, analyze, and evaluate the information for sound decisions is competence in the fundamentals of a variety of quantitative disciplines. The OR/SA student, therefore, is required to take the following courses, unless his skill in the subject matter has been demonstrated by previous course work:

ACC 421	Administrative Uses of Accounting Information	(4 Hrs.)
MSY 411	Linear Algebra I	(2 Hrs.)
MSY 412	Linear Algebra II	(2 Hrs.)
MSY 421	Probability and Statistical Applications	(2 Hrs.)
MSY 422	Statistical Analysis	(2 Hrs.)
MSU 414	Computer Fundamentals and Programming I	(2 Hrs.)

To ensure breadth in the fields of operations research and systems analysis, the student is required to demonstrate mastery of the techniques of defining problems, constructing mathematical models, and deriving solutions via a series of six competency exams. A reading list is available for each exam. The student may prepare for these examinations by taking the following OR/SA Core courses:

MSY 472	Construction of Deterministic Operations Research Models	(2 Hrs.)
MSY 473	Construction of Probabilistic Operations Research Models	(2 Hrs.)
MSY 474	Solution of Deterministic Operations Research Models	(2 Hrs.)
MSY 475	Solution of Probabilistic Operations Research Models	(2 Hrs.)

MATHEMATICAL SYSTEMS/Course Descriptions**SERVICE COURSES FOR NONMAJORS****MSU 401 APPLIED STATISTICS I (4 Hrs.)**

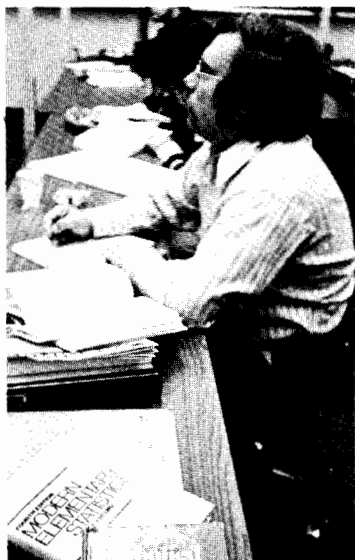
For nonmath majors. Introduction to basic elements of probability and statistical theory. Topics may include analysis of data; finite sample spaces; probability distributions, statistical inference; testing of hypotheses; regression and correlation. Adequate background in high-school algebra required. Students may not take more than one of MSU 401, MSU 403, MSU 305, or MSU 405 for degree credit.

MSU 402 APPLIED STATISTICS II (4 Hrs.)

Linear regression and correlation, analysis of enumerative data, test statistics, random sampling, design of experiments — block and Latin square designs, analysis of variance, certain non-parametric tests. Prerequisite: MSU 401.

MSU 403 STATISTICS FOR ECONOMICS AND MANAGEMENT (4 Hrs.)

Probability, normal distribution, inferential statistics, time series, and correlation. Students may not take more than one of MSU 401, MSU 403, or MSU 405 for degree credit.

**MSU 405 A COMPUTER-ORIENTED APPROACH TO STATISTICS (4 Hrs.)**

Introduction to statistics. Students with no prior knowledge in computer programming learn to use packaged statistical programs and to write their own programs as they learn about simulations, descriptive statistics, elementary matrix methods, inferential statistics, regression, and correlation. Students may not take more than one of MSU 401, MSU 403, MSU 305, or MSU 405 for degree credit. Prerequisite: high-school algebra.

MSU 406 SAMPLING FOR ACCOUNTING AND AUDITING (4 Hrs.)

For accounting and auditing students. Topics may include sampling principle, sampling plans, attribute and variable sampling, selection techniques; random number sampling, systematic and stratified sampling, sample size determination, and estimation procedures.

MSU 409 TECHNIQUES OF ANALYSIS (4 Hrs.)

For nonmathematics majors. Techniques of differentiation and integration. Self-study modules on slides and tape in the Learning Center.

- MSU 413 OPERATIONS RESEARCH FOR MANAGERIAL DECISIONS (4 Hrs.)**
Introduction to methods of operations research and management science; applications to government, industry, education, and health. Prerequisite: high-school algebra.
- MSU 414 COMPUTER FUNDAMENTALS AND PROGRAMMING I (2 Hrs.)**
Algorithms. Computer organization and language hierarchies. Programming in a high-order language such as FORTRAN or PL/1. Information storage and transfer, decision-making, arrays, looping, input and output. Programming is numerical.
- MSU 415 COMPUTER FUNDAMENTALS AND PROGRAMMING II (2 Hrs.)**
Continuation of MSU 414. Emphasizes nonnumerical programming, such as string manipulation, and more advanced techniques such as subroutines and recursion.
- MSU 421 MATRICES: A MATHEMATICAL TOOL (2 Hrs.)**
Primarily for nonmathematics majors. Understanding of quantitative tools used in studying many disciplines. Introduction to systems of linear equation, matrix manipulation, and determinants. Emphasis is on using these tools, rather than proving theorems. Prerequisite: high-school algebra.
- MSU 423 COMPUTER FUNDAMENTALS FOR ADMINISTRATION (2 Hrs.)**
Fundamentals of data processing and computer systems. Use of the BASIC programming language in business problem-solving. Applications of time-sharing. See ADB 409.

MATHEMATICS OPTION

- MSY 400 TOPICS IN GEOMETRY (1-4 Hrs.)**
Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours.
- MSY 407 FOUNDATION OF MATHEMATICS (4 Hrs.)**
Discussion of the axiomatic system and infinite sets, and how they produced contradictions in mathematics in the late 19th century. Attempts to free mathematics from these contradictions and Godel's Theorem are described.
- MSY 410 TOPICS IN ALGEBRA (1-4 Hrs.)**
Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours.
- MSY 411 LINEAR ALGEBRA I (2 Hrs.)**
Systems of linear equations, matrices, vector spaces in Euclidean n -space, linear dependence and independence.
- MSY 412 LINEAR ALGEBRA II (2 Hrs.)**
Abstract vector spaces, bases for finite dimensional spaces, linear transformations, similarity canonical forms, eigenvalues, quadratic and bilinear forms.
- MSY 413 ABSTRACT ALGEBRA (4 Hrs.)**
Theory of groups, rings, and fields. Subgroups, ideals, integral domains, quotient algebras, isomorphisms, and homomorphisms are covered.
- MSY 415 ADVANCED CALCULUS (4 Hrs.)**
Introduction to basic theory of analysis including rigorous treatment of sequences, series, continuous functions, theory of differentiation, and Riemann integration. Prerequisite: one year of calculus.
- MSY 417 NUMERICAL ANALYSIS (4 Hrs.)**
Introduction to fundamental numerical algorithms; elementary error analysis; polynomial interpolation; solution of linear and nonlinear systems of equation; numerical solution of differential equations. Prerequisites: calculus; MSU 421 or MSY 411; MSU 414 or MSY 354; or equivalents.
- MSY 418 METHODS OF APPLIED MATHEMATICS (4 Hrs.)**
Various topics for science and mathematics students; may include ordinary and partial

differential equations, fourier series, vector analysis. Emphasis is on application.
Prerequisite: calculus.

MSY 419 DIFFERENTIAL EQUATIONS (4 Hrs.)

Initial value problems. Topics include existence and uniqueness of solutions, linear systems, and autonomous systems. Prerequisite: MSY 415 or equivalent.

MSY 420 TOPICS IN ANALYSIS (1-4 Hrs.)

Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours. Prerequisite: MSY 415.

MSY 500 ADVANCED TOPICS IN GEOMETRY (1-4 Hrs.)

Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours.

MSY 507 SYMBOLIC LOGIC (4 Hrs.)

Formal treatment of the propositional and predicate calculi. Concepts of validity, implication, deducibility, independence, consistency, and completeness. Student must be able to read and write proofs in abstract mathematics. Prerequisite: MSY 407 or equivalent.

MSY 508 COMPUTABILITY (4 Hrs.)

Turing machines, universal Turing machines; the halting problem; Godel numbering; unsolvability; recursive sets and functions; recursively enumerable sets; decision problems and undecidability. Prerequisite: MSY 407 or equivalent.

MSY 510 ADVANCED TOPICS IN ALGEBRA (1-4 Hrs.)

Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours.

MSY 519 COMPLEX ANALYSIS (4 Hrs.)

Discussion of the complex plane, complex functions, Cauchy-Riemann equations, Taylor and Laurent expansions, contour integration, and conformal mapping. Prerequisite: MSY 415 or equivalent.

MSY 520 ADVANCED TOPICS IN ANALYSIS (4 Hrs.)

Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours. Prerequisite: MSY 415.

STATISTICS OPTION

MSY 335 APPLIED STATISTICAL METHODS (4 Hrs.)

Selected topics in applied statistics: analysis of variance, simple correlation, simple and multiple linear regression; co-variance analysis, experimental design concepts, factorial experiments.

MSY 421 PROBABILITY AND STATISTICAL APPLICATIONS (2 Hrs.)

Definitions of probability; algebra of events, addition and multiplication rules; permutations and combinations; random variables and probability distributions; expected value of a random variable; some common statistical distributions. Statistical applications of probability via binomial model — prediction and decision-making.

MSY 422 STATISTICAL ANALYSIS (2 Hrs.)

Presentation of data; numerical description; discrete and continuous random variables; uniform exponential and normal distributions; statistics, and sampling distributions; central limit theorem; students t, chi-square, and F-distributions; ideas of estimation and testing of hypothesis for normal populations; confidence interval estimates; concepts of regression and correlation. Prerequisite: MSY 421.

MSY 425 STATISTICAL INFERENCE (4 Hrs.)

Random variables and their distributions; moment generating functions; central limit theorem; important statistics; distributions of certain statistics; basic ideas of inferential statistics; estimation and tests of significance with special emphasis on treatment of actual data; goodness of fit tests. Prerequisites: MSY 421 and MSY 422.

MSY 428 DISCRETE STATISTICAL MODELS AND METHODS (4 Hrs.)

Systematic study of probability models and statistical models pertaining to statistical analysis of data consisting of single and multiple counts. Prerequisite: MSY 421 or equivalent.

MSY 429 DYNAMIC PROBABILISTIC SYSTEMS ANALYSIS (4 Hrs.)

Analysis of probabilistic systems which are dynamic in time with aid of theory of probability and stochastic processes. Includes Markov processes; recurrent events; general random processes and their applications to analysis of various systems in business, economics, ecology, and sciences. Prerequisite: MSY 421 or equivalent.

MSY 436 APPLIED MULTIVARIATE ANALYSIS (4 Hrs.)

Introduction to multivariate statistical methods; multiple regression and correlation, principal components, canonical correlations, partial correlations, discriminant and factor analysis. Concentrates on methods of data analysis using computer packages rather than traditional theoretical approach. Suitable for the social science student as well as the statistics major. No prior knowledge of computer programming required. Prerequisite: MSY 422.

MSY 437 APPLIED REGRESSION ANALYSIS (4 Hrs.)

The simple linear regression model, developed and extended to multiple linear regression, polynomial regression, and stepwise regression. Practical problems are solved using both packaged computer regression routines and routines the students learn to write themselves. No prior knowledge of computer programming required. Prerequisite: MSY 422.

MSY 438 SURVEY SAMPLING (4 Hrs.)

Basic course in principles of sampling for assessment of data in business, social sciences, or natural resource management. Sampling problem, selection of samples,



designing questionnaire, estimation of means and variances, simple and stratified random sampling, systematic sampling, and cluster sampling.

MSY 439 NONPARAMETRIC STATISTICS (4 Hrs.)

Statistical methods that do not depend upon particular form of the density function of the underlying distribution. Includes selected distribution-free tests and estimation techniques including sign test, Kolmogorov-Smirnov, Wilcoxon signed rank, Mann-Whitney tests, Chi-square and rank correlation tests. Prerequisite: MSY 421 or equivalent.

MSY 440 TOPICS IN STATISTICS (4 Hrs.)

Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours.

MSY 441 STATISTICAL DESIGN AND ANALYSIS (4 Hrs.)

Fundamental principles of design, completely randomized experiments, randomized blocks, Latin squares, Graeco-Latin squares; cross-over designs; split plot designs; fractional experiments, complete and partial confounding; fractional replication, experimental and sampling errors, and components of variance and co-variance. Prerequisite: MSY 421 or equivalent.

MSY 443 MATHEMATICAL STATISTICS I (4 Hrs.)

Techniques for obtaining and using information in the presence of uncertainty. Includes probability distributions, exact and limiting sampling distributions, principles and methods of estimation, order statistics. Prerequisite: MSY 421 or equivalent.

MSY 444 MATHEMATICAL STATISTICS II (4 Hrs.)

Continuation of MSY 443. Point estimation of one parameter; sufficiency and completeness; maximum likelihood estimation; hypotheses testing; Neyman-Pearson Lemma and uniformly most powerful tests; analysis of variance and certain nonparametric methods. Prerequisite: MSY 443 or equivalent.

MSY 450 TOPICS IN PROBABILITY (4 Hrs.)

Various topics; description changes depending on topics offered. May be repeated for an indefinite number of hours.

MSY 537 STATISTICAL ECOLOGY (4 Hrs.)

Ecological problems and statistical distributions. Includes discrete and continuous distributions; construction of models in scientific work — sampling models, models for birth and death processes for both counts and inter-event times, multivariate models, interrelations and structures, estimation, and tests. Prerequisite: MSY 425 or equivalent.

MSY 538 SAMPLING TECHNIQUES (4 Hrs.)

Derivation of standard results of finite population sampling theory. Includes simple and stratified random sampling, systematic sampling, multistage sampling, regression, and ratio estimation. Effect of costs on sample allocation. Prerequisite: MSY 425 or equivalent.

MSY 539 ENVIRONMENTAL DATA ANALYSIS (4 Hrs.)

Material is centered around live problems. Topics include statistical properties of environmental data; characteristics and parameters of quality; distributions of parameters of environment; sources and magnitude of errors. Flexible format, with combination of lectures, seminars, and projects.

MSY 540 SEMINAR IN STATISTICS (1-4 Hrs.)

Topics vary. May be repeated for an indefinite number of hours.

MSY 543 APPLIED STOCHASTIC PROCESSES (4 Hrs.)

Bernoulli and Poisson process, Markov chains and processes, birth and death process, and time dependent stochastic processes. Suitable for students in business, economics, and any option of the Mathematical Systems Program. Prerequisite: MSY 425 or equivalent.

MSY 544 DISTRIBUTION THEORY (4 Hrs.)

Probability distributions arising in statistical inference. Univariate and multivariate distributions. Properties of distribution functions and characteristic functions. Important limit theorems. Prerequisite: MSY 425 or equivalent.

MSY 545 LINEAR STATISTICAL MODELS (4 Hrs.)

Quadratic forms, linear hypothesis models, hypothesis tests, regression, analysis of variance and co-variance, fixed and random effects models, multiple comparisons, designs. Prerequisite: MSY 425 or equivalent.

MSY 546 MULTIVARIATE ANALYSIS (4 Hrs.)

Properties of the multivariate normal distribution. Sampling distributions and tests in multiple correlation and regression, Hotelling's I statistic, discriminant analysis, multivariate normal variable. Canonical correlation and principle component analysis. Prerequisite: MSY 425 or equivalent.

MSY 550 SEMINAR IN PROBABILITY (1-4 Hrs.)

Topics vary. May be repeated for an indefinite number of hours.

COMPUTER SCIENCE OPTION**MSY 354 COMPUTER FUNDAMENTALS AND PROGRAMMING I (2 Hrs.)**

See MSU 414.

- MSY 355 COMPUTER FUNDAMENTALS AND PROGRAMMING II** (2 Hrs.)
See MSU 415.
- MSY 453 COMPUTER ARCHITECTURE** (4 Hrs.)
Internal computer organization, general computer addressing methods, general internal data representation. OS/370 assembly language programming with macro facilities, micro programming, subprogram structure and linkage, coroutines, general data management, basic systems programs. Prerequisite: ability to program in a higher-order language. Lecture/laboratory course.
- MSY 454 INFORMATION STRUCTURES** (4 Hrs.)
Basic data organization, list structures, strings, arrays, tree structures, computer storage management, memory allocation and collection, sorting table construction and searching, programming language data structures. Prerequisites: MSY 354 and MSY 355 or equivalent.
- MSY 455 STRUCTURE OF PROGRAMMING LANGUAGES** (4 Hrs.)
Construction of BNF syntax expressions, semantic analysis, syntax analysis, precedence order of operators, infix and postfix notation, run-time representations, machine code generation, subprogram linkage, data structure representations, interrupt and control structures. Prerequisite: MSY 454 or equivalent.
- MSY 457 COMPILER ARCHITECTURE** (4 Hrs.)
Syntax analysis, symbol table construction, object code generation, optimization techniques, boot-strapping, compiler-compilers. Prerequisite: MSY 455 or equivalent.
- MSY 460 TOPICS IN COMPUTER SCIENCE** (4 Hrs.)
Topics vary. May be repeated for an indefinite number of hours.
- MSY 461 OPERATING SYSTEMS PRINCIPLES** (4 Hrs.)
Batch multiprogramming, real-time, and time-sharing concepts; job and task management; storage management; data management; linkage editors; resource allocation. Prerequisite: MSY 454 or equivalent.
- MSY 463 SYSTEMS PROGRAMMING LABORATORY I** (4 Hrs.)
Design and implementation of a complete software system; basic operating system, assembler, loaders, utilities, programming language compiler. Prerequisite: MSY 457, MSY 461 or equivalent. Lecture/laboratory course.
- MSY 464 SYSTEMS PROGRAMMING LABORATORY II** (4 Hrs.)
Continuation of MSY 463. Prerequisite: MSY 463. Lecture/laboratory course.
- MSY 465 LEGAL ISSUES IN COMPUTING** (4 Hrs.)
Topics include contracting for computer services; liability for programming errors; taxation of computer systems; protection of proprietary software; privacy and databanks; electronic funds transfer systems; information utilities; and government regulation of the computer industry.
- MSY 553 STRUCTURED PROGRAMMING** (4 Hrs.)
Systematic examination of literature on structured programming concepts. Other topics include modular programming, software project management, documentation, and confirmation of program correctness. Languages designed to encourage structured programming, such as Pascal, are utilized. Prerequisite: knowledge of some higher-level language.
- MSY 555 COMPUTER GRAPHICS** (4 Hrs.)
Operation of graphic devices, picture models and data structures, display software. Prerequisite: MSY 464 or equivalent.
- MSY 557 DATA COMMUNICATIONS** (4 Hrs.)
General communication concepts, transmission control hardware, telecommunication software, network design and control. Prerequisite: MSY 461 or equivalent.
- MSY 561 LARGE-SCALE COMPUTER SYSTEMS** (4 Hrs.)
Advanced computer architecture: virtual memory, multiprocessors, array processors

(ILLIAC IV), string and array processors (CDC STAR 100), associative memory systems. Prerequisite: MSY 461 or equivalent.

MSY 563 ADVANCED OPERATING SYSTEMS (4 Hrs.)

Analysis of large operating systems: OS/MFT, OS/MVT, OS/VS, Burroughs MCP, CDC SCOPE. Prerequisite: MSY 561 or equivalent.

MSY 565 PERFORMANCE EVALUATION SEMINAR (4 Hrs.)

Tools and techniques for performance evaluation of computer systems. Integrated hardware/software systems, user programs, and systems programs considered. Prerequisite: functional knowledge of operating system principles and computer architecture.

MSY 569 INDIVIDUAL PROJECT (4 Hrs.)

Final exercise of each computer science Master of Arts candidate, bringing all previous study to bear on one advanced problem. Laboratory course.



OPERATIONS RESEARCH/SYSTEMS ANALYSIS OPTION

MSY 470 OPERATIONS RESEARCH/SYSTEMS ANALYSIS PRACTICUM

(1-4 Hrs.)

Guided field experience in applying operations research and systems analysis techniques to a real problem. Description of current projects available from instructor. No prior experience necessary. May be repeated for a maximum of 8 hours. Offered fall and spring.

MSY 472 CONSTRUCTION OF DETERMINISTIC OPERATIONS RESEARCH MODELS

(2 Hrs.)

Construction and application of standard deterministic models in operations research. Includes linear programming, nonlinear programming, network analysis, inventory, models, and dynamic programming. Offered in fall.

MSY 473 CONSTRUCTION OF PROBABILISTIC OPERATIONS RESEARCH MODELS

(2 Hrs.)

Construction and application of models which involve use of probability and statistics. Topics include queuing theory, inventory models, Markov processes, reliability, and simulation. Knowledge of calculus, probability, and statistics required. Offered in spring.

MSY 474 SOLUTION OF DETERMINISTIC OPERATIONS RESEARCH MODELS

(2 Hrs.)

Methods for deriving solutions from standard deterministic models discussed in MSY 472. Prerequisites: MSY 472 or equivalent and calculus. Offered in fall.

**MSY 475 SOLUTION OF PROBABILISTIC OPERATIONS
RESEARCH MODELS**

(2 Hrs.)

Methods for deriving solutions from standard probabilistic models discussed in MSY 473. Prerequisite: MSY 473 or equivalent. Offered in spring.

**MSY 480 SEMINAR IN OPERATIONS RESEARCH/SYSTEMS
ANALYSIS**

(1 Hr.)

Recent advances in operations research. Open to students concentrating in OR/SA. Maximum of 2 hours may be applied to degree.

MSY 481 LINEAR PROGRAMMING

(4 Hrs.)

Theory underlying linear programming methods. Includes simplex procedure, duality, sensitivity analysis, and integer programming. Problems are formulated and solved through use of existing computer codes. No prior knowledge of linear programming or computer programming required. Knowledge of algebra required.

MSY 483 FORECASTING

(4 Hrs.)

Techniques of forecasting and their application. Linear regression models, time series analysis including Box-Jenkins and other more advanced techniques, exponential smoothing. Prerequisites: MSY 422 or equivalent and calculus.

MSY 485 SYSTEMS SIMULATION

(4 Hrs.)

Monte Carlo techniques, random numbers and random deviate generation, variance reducing techniques, and applications. Knowledge of statistics and computer programming required.

**MSY 580 ADVANCED TOPICS IN OPERATIONS RESEARCH/SYSTEMS
ANALYSIS**

(4 Hrs.)

Advanced topics from literature of operations research and systems analysis. May be repeated for indefinite number of credit hours, but a particular topic may not be repeated for credit.

MSY 581 QUEUEING THEORY

(4 Hrs.)

Structure and basic theory of queues, Poisson queues, non-Poisson queues, renewal theory, and applications. Prerequisite: calculus and statistics.

M.A. degree students may take the following course as part of their concentration in the OR/SA Option.

ACC 421 Administrative Uses of Accounting Information

Medical Technology

B.A.
(68 Hrs.)

PROGRAM FACULTY — William L. Bloemer, William W. Martz,
Louise S. Wheeler.

ADJUNCT FACULTY — John G. Dietrich, Caroline K. Nelson.

The Medical Technology Program offers the B.A. degree to students interested in careers in clinical pathology laboratories. Such careers require competence in the performance of clinical laboratory procedures, a knowledge of quality control procedures, and an ability to function in a problem-solving situation.

The Medical Technology Program provides for the continuing edu-

cation of students who have completed their lower-division work (preferably with an A.A. degree) and who have fulfilled certain prerequisites. These prerequisites are one year of general chemistry, one semester of organic chemistry, one year of general biology (Microbiology is highly recommended.), and one semester of college mathematics (A year of physics is also recommended.). The normal time of entry into the program is the fall semester of the junior year. The program leads to eligibility for certification by the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists.

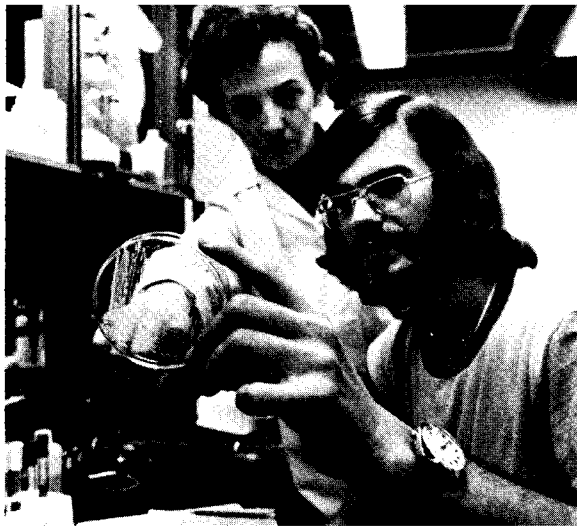
Since the program size is limited, admission to the university does not indicate admission to the Medical Technology Program. After being offered admission to the university, individuals should forward to the program director a short biographical sketch and two letters of reference from science instructors. All applications must be completed by March 15. Admission decisions will be made by April 1. Each candidate should correspond with the Medical Technology Program director to work out an individualized program based upon the strengths of the candidate's former program. This is especially important for candidates with backgrounds in other allied health professions.

THE BACHELOR'S DEGREE

The minimum requirement is 68 credit hours of upper-division work. Interdisciplinary and problem-oriented, with emphasis on the basic sciences and standards of contemporary medical technology, the B.A. program is composed of fundamental academic and clinical experiences and includes 57 credit hours of required material. Clinical experience is under the joint supervision of faculty at Sangamon State University and those individuals normally conversant with clinical experience at the affiliated hospitals.

Academic work during the junior year is characterized by a firm grounding in microbiology, chemical and instrumental analysis, and physiology. The year of clinical training begins with Introduction to the Clinical Laboratory. This course is given during the summer months and provides lecture and laboratory experience in clinical chemistry, hematology, parasitology, microbiology, serology, coagulation, urinalysis, and immunohematology. During the balance of the year students rotate through various concentration areas in clinical pathology laboratories of affiliated hospitals. The clinical experience is coupled with lectures covering the following areas: Medical Bacteriology, Medical Mycology, Hematology and Coagulation, Urinalysis, and Concepts of Medical Technology. The Applied Study experience will encompass a portion of the clinical laboratory training.

Since the program includes laboratory work done under professional supervision, the candidate must not only satisfy the customary expectations of academic work but also must meet the standards demanded of a publicly licensed laboratory. The quality of the clinical experience as evaluated by supervisory personnel in a laboratory setting represents the most crucial proof of competency for the B.A. degree in medical technology.



Following is the recommended curriculum for the junior and senior years in the Medical Technology Program.

First semester, junior year:

PHS 321 Chemical Analysis
 BIO 345 General Microbiology
 Electives or PAC — 8 semester hours

Second semester, junior year:

PHS 322 Chemical Instrumentation
 BIO 361 General Physiology
 BIO 382 Basic Immunology
 MET 321 Seminar in Medical Technology
 Electives or PAC — 6 semester hours

Summer, senior year:

MET 401 An Introduction to the Clinical Laboratory

First semester, senior year:

MET 402 Clinical Laboratory I
 MET 405 Pathology
 MET 411 Hematology, Coagulation, and Urinalysis
 BIO 447 Medical Bacteriology

Second semester, senior year:

MET 403 Clinical Laboratory II
 MET 412 Concepts in Medical Technology
 BIO 448 Medical Mycology

MEDICAL TECHNOLOGY/Course Descriptions

MET 321 SEMINAR IN MEDICAL TECHNOLOGY

(1 Hr.)

For first-year medical technology students, examining ethical standards of the profession and current trends in federal and state legislation governing licensure of laboratories and

laboratory personnel and definition of the role of various individuals in allied health professions.

MET 401 AN INTRODUCTION TO THE CLINICAL LABORATORY (8 Hrs.)

Laboratory exposure to basic techniques utilized in clinical chemistry, hematology, coagulation, microbiology, serology, parasitology, urinalysis, and immunohematology. Theoretical aspects and seminars included. Prerequisite: admission to the Medical Technology Program or with permission of staff.

MET 402 CLINICAL LABORATORY I (10 Hrs.)

First clinical experience of the medical technology student, who rotates through various areas of the clinical laboratory to develop designated level of competence in each area. Prerequisites: admission to the Medical Technology Program and MET 401.

MET 403 CLINICAL LABORATORY II (10 Hrs.)

Continuation of MET 402. Completes the clinical experience. Prerequisite: MET 402.

MET 405 PATHOLOGY (1 Hr.)

General survey of pathology, using an organ system approach. Gross pathology and clinical laboratory aspects of various diseases correlated to signs and symptoms of the disease as well as to the disease process. Prerequisites: admission to the Medical Technology Program and MET 401.

MET 411 HEMATOLOGY, COAGULATION, AND URINALYSIS (3 Hrs.)

Lecture background in hematology, coagulation, and urinalysis, complementing the clinical laboratory experience. Prerequisite: concurrent registration in MET 402.

MET 412 CONCEPTS IN MEDICAL TECHNOLOGY (3 Hrs.)

Introduction to some concepts which are becoming part of the clinical laboratory experience. Also presents aspects of statistics and medical use of computers. Some areas of laboratory management discussed. Prerequisite: senior in Medical Technology Program.

Nursing

B.A.

(60 Hrs.)

PROGRAM FACULTY — Joyce Griffin, Mary Hazzard, Mona Moughton, Ima Crawford, Lee Christie, Luz Porter.

Nursing at Sangamon State is an upper-division program for registered nurses leading to the Bachelor of Arts degree in nursing. The program provides a future-oriented education and is designed to prepare nurse clinicians for expanded roles in a variety of settings. The Sangamon State program has a focus on promoting the goal of "high-level wellness."

Graduates of the Sangamon State Nursing Program will have a balance of those professional nursing competencies required to meet today's health-care needs of individuals, families, and communities, and also the intellectual perspective necessary to adapt to the health-care needs of tomorrow's changing society.

PROGRAM REQUIREMENTS

Students entering the Sangamon State Nursing Program must:

1. Meet SSU requirements for admission — 60 semester hours or 90 quarter hours of lower-division academic credit.
2. Hold a current registered nurse (R.N.) license to practice nursing in Illinois.
3. Have an interview and advisement by nursing faculty, prior to registration.

Registered nurses lacking the 60-semester-hour requirement may take the College Level Examination Program tests. A satisfactory CLEP score, R.N. license, acceptable academic record, references, and level of maturity are used for admission.

Graduation as a nurse clinician requires completion of 24 semester hours in nursing core courses, 22 semester hours of liberal arts electives of which 16 are restricted to specific liberal arts arenas, six semester hours of Public Affairs Colloquia, and eight semester hours of Applied Study Term experience.

SSU students registering for a second baccalaureate degree are required to complete 45 semester hours. Nursing Program students are required to take 24 semester hours in the nursing concentration plus other university requirements.



RESTRICTED ELECTIVES

- a. *Management arena* — 4 hours, ADB 401 Organizational Dynamics or, with permission of adviser, an equivalent.
- b. *Research arena* — 4 hours, MSU 401, 405 Applied Statistics, NUR 475 Nursing Research or with permission of adviser or equivalent.
- c. *Human Nature arena* — 4 hours, PHI 452 Perspectives on Human Nature, PHI 453 Philosophy of the Person, or, with permission of adviser, an equivalent.
- d. *Anatomy and Physiology arena* — 4 hours, BIO 381 Biophysical Man or, with permission of adviser, an equivalent.

STUDENT ADVISEMENT

During the first term, the student should select an adviser and develop

a prospectus of studies. The Nursing Program faculty assesses the student's progress throughout in order to direct and assure career goal attainment. All students must have professional liability insurance.

STUDENT PROGRAM SAMPLE

First Semester

Anatomy and Physiology elective	4 hours
PAC 423 Choices: Values and Decision-Making . . .	4 hours
NUR 311 Nursing Process	4 hours
NUR 361 Health Assessment	2 hours
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	14 hours

Second Semester

NUR 321 Introduction to Acute-Care Nursing	2 hours
NUR 362 Community Health Nursing Theory	2 hours
NUR 331 Introduction to Family Health Nursing	2 hours
Human Nature elective	4 hours
Management elective	4 hours
Liberal arts elective or PAC	2 hours
	<hr/>
	16 hours

Third Semester

NUR 421 Acute-Care Nursing Concentration I <i>or</i>	
NUR 431 Family Health Nursing	4 hours
Research elective	4 hours
Liberal arts electives	8 hours
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	16 hours

Fourth Semester

PAC or liberal arts elective	2 hours
NUR 422 Acute-Care Nursing Concentration II <i>or</i>	
NUR 432 Family Health Nursing Concentration II	8 hours
Liberal arts elective	4 hours
	<hr/>
	14 hours

NURSING/Course Descriptions

NUR 311 NURSING PROCESS (4 Hrs.)

Theory in making a nursing diagnosis, designing an appropriate nursing intervention, and evaluating that intervention in a variety of settings.

NUR 321 INTRODUCTION TO ACUTE-CARE NURSING (2 Hrs.)

Lecture/laboratory focusing on health care of individuals entering the acute-care system

in specific states of disequilibrium. Overview of concepts, theories, and technological advances in care of individuals at selected points in life cycle. Prerequisites: NUR 311, BIO 381, NUR 361.

NUR 331 INTRODUCTION TO FAMILY HEALTH NURSING (2 Hrs.)

Theory/laboratory in family nursing. Focuses on application of nursing process to assessment of family health-care needs. Special attention to cultural, ethnic, attitudinal, socio-economic, education, and value differences as various intervention styles are outlined. Prerequisites: NUR 311, NUR 361, BIO 381.

NUR 361 HEALTH ASSESSMENT (2 Hrs.)

Lecture/laboratory focusing on nursing competencies necessary for completing health assessment of individuals. Specific attention to development of skills in comprehensive history-taking and physical examination.

NUR 362 COMMUNITY NURSING THEORY (2 Hrs.)

Theory and field projects in community health nursing. Focuses on health status of the community, factors which influence this health status, and implications for nursing practice. Prerequisite: NUR 311.

NUR 421 ACUTE-CARE NURSING CONCENTRATION I (4 Hrs.)

Theory/laboratory which increases student's skill in providing nursing care for individuals in the acute-care system with critical disequilibrium and multiple problems. Nursing strategies which provide care for critically ill individuals and support to the family are given special attention. Prerequisites: NUR 321, NUR 362, NUR 331.

NUR 422 ACUTE-CARE NURSING CONCENTRATION II (8 Hrs.)

Theory/practicum designed to expand knowledge, determine additional learning needs, and apply theory to a specific situation. Student independently identifies a problem area within the health-care system, initiates and operationalizes a plan of action, and evaluates the outcome based on internal and external criteria. Evaluation of the management process, collaboration with health professionals, and leadership are stressed. Meets the Applied Study Term experience requirement. Prerequisite: NUR 421.

NUR 431 FAMILY HEALTH NURSING CONCENTRATION I (4 Hrs.)

Theory/laboratory in family nursing which further develops skills in provision of health care for selected families within the community. Emphasis is on nursing care strategy which promotes maximum client self-care agency. Prerequisites: NUR 331, NUR 362, NUR 321.

NUR 432 FAMILY HEALTH NURSING CONCENTRATION II (8 Hrs.)

Theory/practicum in family/community health nursing. Fulfills the university AST requirement. Focuses on application of acquired knowledge-base to guided work-learning experiences with families and community groups. Student independently identifies a problem area and initiates a plan of action using the nursing process. Leadership skills and collaboration with other health professionals stressed. Prerequisite: NUR 431.

NUR 475 INTRODUCTION TO NURSING RESEARCH (4 Hrs.)

Theory with emphasis on research methods as applied to nursing and the development of beginning investigative skills. A nursing elective. Senior standing.

Nutrition

M.A.

The Master of Arts in Nutrition Program is designed to facilitate the ability to work as nutritionists/dietitians in service or promotional organizations; as administrators in health delivery systems; as home economists with public service companies; or potentially as research personnel in organizations and institutions concerned with health, dietetics, or food

science. The program at Sangamon State is based upon a nutritional science synthesis and is focused upon continuing learning with an emphasis on new techniques and procedures in the field. The course work necessary to complete the program is exacting and encompasses all aspects of an academic experience. Lectures, discussion groups, laboratories, and clinical involvement will be used to assist the student in establishing the required competencies.

Course offerings from the Nutrition Program faculty will be supplemented by courses drawn from Biology, Human Development Counseling, Mathematical Systems, and Physical Sciences programs. Anticipating the cooperation of the other members of the Central Illinois Consortium for Health Manpower Education, it is expected that staff and facilities of Southern Illinois University School of Medicine in Springfield and Memorial and St. John's hospitals will be made available on a cooperative basis for development of various aspects of the program.

Physical Sciences

B.A.
(60 Hrs.)

PROGRAM FACULTY — William L. Bloemer, Alexander J. Casella, William W. Martz, Steven L. Murov, William H. Rauckhorst, Charles Schweighauser, William C. Sellyey, Louise S. Wheeler.

ADJUNCT FACULTY — John Ahlen, Richard Leary.

The Physical Sciences Program seeks to provide students with a solid foundation in the physical sciences, a perception of the major problems facing society, and a sufficient background to facilitate solutions. The program attempts to accomplish this by means of a flexible curriculum, allowing students to pursue their own distinctive educational objectives. The Physical Sciences Program provides opportunity for study within the areas of chemistry, physics, astronomy, and geology. The following major classifications of study are among those possible within the program:

1. Chemistry Emphasis
2. Physics Emphasis
3. Health Pre-Medical Emphasis

Each of these courses of study is individually designed by the student in cooperation with the program faculty. All studies reflect the basic philosophy of the Physical Sciences Program, emphasizing the interrelationship of science and public affairs.

THE BACHELOR'S DEGREE

Entrance requirements include a background in physical sciences and mathematics equivalent to one year in each of the following: general

chemistry, general physics, and calculus. In addition, entering students should have the general competencies normally associated with completion of two years of college. Students with deficiencies may enter the program conditionally but will be required to make up the deficiencies during their first year of study. This may require longer than two years for completion of the B.A. degree. All students are required to submit a prospectus of studies to the program for approval during their first semester at SSU.

Program requirements for the B.A. are distributed as follows:

Physical Sciences Seminars	2 hours
PHS 401 Thermodynamics	4 hours
Other upper-level studies in chemistry, physics, astronomy, and geology	22 hours (minimum)

General recommendations regarding the three major classifications of study are as follows:

1. *Chemistry Emphasis.* Designed to prepare students for careers in chemistry as scientific advisers, science teachers, and laboratory technicians or for graduate study in chemistry. It is expected that most students choosing this emphasis will have already achieved competency in general and organic chemistry, elementary calculus, and physics. To satisfy the PHS requirement of 22 hours, students may choose from courses numbered PHS 461 through PHS 471 as listed in the course descriptions.

2. *Physics Emphasis.* Designed to prepare students for careers such as scientific advisers, science teachers, and laboratory technicians or for graduate study. Students obtain a solid foundation in physics along with experience in applications of physics to a variety of practical areas. Applications to contemporary environmental and energy-related issues are stressed. The courses designed for this emphasis are divided into two areas, core and applied. A minimum of eight semester hours must be taken from the Physics Core, numbered PHS 305 and PHS 402 through PHS 405. Courses in the Applied area are numbered PHS 406, PHS 411 through PHS 423, and PHS 468. Courses selected from the Applied area will depend upon the student's interests and career goals. Students will plan their programs of study in this emphasis in close consultation with their faculty advisers.

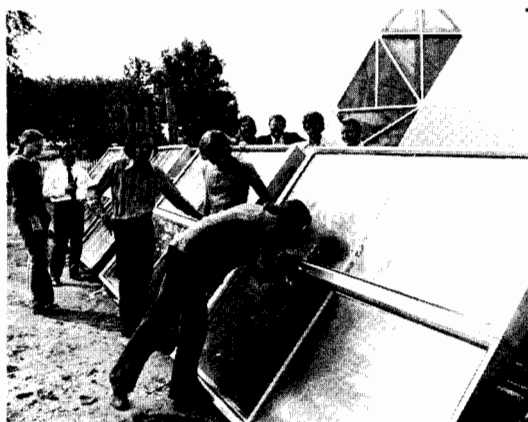
3. *Health Pre-Medical Emphasis.* The physical sciences major is a viable and desirable one for pre-medical and other pre-professional students. Students are able to complete as electives the biology, psychology, and other courses often required for medical school. It is expected that most students choosing this emphasis will have already achieved competency in general and organic chemistry, elementary calculus, and physics. To satisfy the PHS requirement of 22 hours, students may choose from such courses as: PHS 411, 414, 461-471, and Biochemistry (BIO 415 and 416).

FACILITIES

A major advantage of the Physical Sciences Program at Sangamon State University is the wide range of equipment which is available to the

student. Since modern laboratory facilities are continually becoming more automated, there is an increasing demand for students who have acquired specific technical skills and have demonstrated competence in the use of sophisticated laboratory instruments. For this reason, all of the Sangamon State laboratory equipment is readily available for student use so that students can gain the experience necessary for the development of marketable skills. This philosophy is in contrast to that of many institutions where there are "hands-off" policies with regard to undergraduate use of many instruments.

Equipment in the Physical Sciences Program includes such major items as a gas chromatograph-mass spectrometer, nuclear magnetic resonance spectrometer, atomic absorption spectrometer, infrared spectrometer, uv-visible spectrometer, multichannel analyzer, complete sound analysis systems, several lasers, 14-inch Schmidt telescope, and associated equipment. A unique solar energy experimental site is available for



students to work on projects dealing with practical applications of solar energy. The site was built by students as part of a summer research project funded by the National Science Foundation.

APPLIED STUDY

Applied Study opportunities for students in the Physical Sciences Program exist in state government, environmental agencies or laboratories, industrial laboratories, or on legislative staffs. In some instances, a substantial independent research problem may be substituted for the Applied Study experience.

PHYSICAL SCIENCES/Course Descriptions

PHS 301 PHYSICS OF LIFE SYSTEMS

(4 Hrs.)

Noncalculus course primarily for biology, biophysics, and medically oriented students, featuring topics in physics particularly relevant to biological and living systems, including radiation and its effects on living systems; energy and life; sound and hearing; light and vision; physics of muscles; electricity and electrical effects in organisms; nerve

conduction; applications in biology and medicine of physical techniques such as microscopy (visible, UV, etc.) x-ray diffraction, thermography, ultrasound, radioisotope tracers, radiation therapy, lasers.

PHS 305 INTRODUCTION TO MODERN PHYSICS (4 Hrs.)

Extension of introductory physics into the realm of atomic and nuclear physics. Introductory presentations of theory of relativity and theory of quantum mechanics, in somewhat chronological order. Includes laboratory work.

PHS 321 CHEMICAL ANALYSIS (4 Hrs.)

Analysis as an over-all process from sampling to reporting of data. Separations and determinations are performed on organic and inorganic samples using chemical means. Includes neutralization, oxidation, reduction, precipitation, complexation, and non-aqueous titrimetry; also colorimetry, turbidimetry, nephelometry, potentiometry, gravimetry, elementary gas chromatography, extraction, ion exchange, and electrochemical separations. Lecture, discussion, and laboratory.

PHS 322 CHEMICAL INSTRUMENTATION (4 Hrs.)

Principles and practice in the use of instruments based on absorption, flame emission, fluorescence, and atomic absorption spectrophotometric methods. Also includes polarographic, coulometric, stripping analysis, various electrophoretic processes, modern liquid and gas chromatographic techniques. Individualized student laboratory experience, and lecture/discussion.

PHS 367 FUNDAMENTAL ORGANIC REACTION SYSTEMS (4 Hrs.)

Common organic reaction mechanisms and selected examples of these mechanisms. Mechanisms themselves stressed so that any new reaction is recognized as simply one of a general type. Course enables nonchemistry major to more fully appreciate chemical basis of many scientific phenomena.

PHS 368 EXPERIMENTAL ORGANIC CHEMISTRY (1 or 2 Hrs.)

Laboratory course cultivating techniques for separation, purification, and identification of organic compounds. Application of techniques to illustrative organic preparation. Section A (1 hour) intended for students who desire introduction to techniques of organic chemistry; Section B (2 hours) intended for students who desire a significant organic laboratory experience.

PHS 400 UNDERGRADUATE RESEARCH (1-4 Hrs.)

Investigation of a specific problem of interest to the student. Directed and reviewed by a specific faculty member. May be repeated for credit without limit.

PHS 401 THERMODYNAMICS (4 Hrs.)

Development of principles of classical thermodynamics; equations of state, first and second laws, entropy, kinetic theory of gases. Introduction to statistical mechanics. Emphasis on relation of thermodynamics to environmental problems. Includes laboratory work.

PHS 402 CLASSICAL MECHANICS (4 Hrs.)

Principles of classical mechanics are developed. Includes Lagrangian and Hamiltonian formulations. Also deals with the two-body central force problem, rigid body motion, and normal coordinates of oscillating systems. Prerequisites: general physics and calculus.

PHS 403 ELECTRICITY AND MAGNETISM (4 Hrs.)

Solution of electrostatic problems, static and dynamic electric and magnetic fields, and their relation as embodied in Maxwell's equations. Required mathematics introduced as needed. Lecture and discussion. Prerequisite: calculus.

PHS 404 INTRODUCTION TO QUANTUM MECHANICS (4 Hrs.)

Development of the Schrodinger Equation, applications to simple physical systems including the one-electron atom, tunneling phenomena, approximate methods for treatment of polyelectronic systems, development of the variational principle, with application to current semi-empirical and ab initio molecular orbital methods.

PHS 405 ELECTRICAL CIRCUITS AND ELECTRONICS (2 Hrs.)

DC and AC circuit analysis; vacuum and gas tube principles and applications; semi-

conductor principles and devices; applications in amplifiers, power supplies.

PHS 406 DIGITAL ELECTRONICS (2 Hrs.)

Introduction to principles and use of digital integrated circuits. Experiments include addition and subtraction by a digital device, frequency meter, and digital clock. Device used includes flip-flops, counters, adders, and digital displays. Lecture and laboratory.

PHS 410 WORKSHOP IN SCIENCE EDUCATION (1-6 Hrs.)

Workshop on science methods intended for in-service training and for prospective teachers. Level and nature of course to be announced. Examples include chemistry, physics, or astronomy at elementary or high-school levels. May be repeated for credit without limit.

PHS 411 BIOPHYSICS (4 Hrs.)

Biological phenomena as related to basic chemical and physical principles. Includes energetic and statistical relations in a living cell, absorption spectroscopy and structure of biologically important molecules, sensory biophysics and action of radiation on cellular constituents. Prerequisite: one year introductory physics and biology.

PHS 412 LIGHT, OPTICS, AND VISION (4 Hrs.)

Intensive study of light, its properties and behavior, and the biophysics of the visual process. Lecture, laboratory, and discussions. Includes: measurement and properties of light; geometric and wave optics; quantum theory of light; the visual process; structure and function of the vertebrate and invertebrate eye; biophysics of visual pigments; color vision; and use of specialized techniques such as microspectrophotometry in vision studies. Prerequisites: general biology and general physics.

PHS 413 SOUND AND NOISE (2 Hrs.)

Eight-weeks module. Intensive study of properties of sound and effects of excessive sound in the environment. Lecture, laboratory, and discussion. Laboratory includes in-the-field environmental sound-level measurements and analysis using current monitoring techniques. Includes properties of sound waves, biophysics of hearing, environmental sources of sound pollution, biological and psychological effects of sound pollution, experimental sound-level and frequency analysis, legal aspects of sound pollution control.

PHS 414 RADIATION AND LIFE (2 Hrs.)

Eight-weeks module. Intensive study of radiation and its effects on living systems. Emphasis on current environmental sources of ionizing radiation such as medical x-rays and nuclear technology, nuclear counting techniques and current monitoring methods. Field trips to nuclear installations anticipated. Includes: basic radiation physics, effects of radiation on living organisms, environmental sources of radiation, environmental impact of a nuclear power technology, hazards of medical x-rays, radiation monitoring techniques.

PHS 415 OCEANOGRAPHY (4 Hrs.)

Study of physical aspects of oceans and their environment. Biological aspects are considered from broad ecosystem point of view and comprise approximately one fifth of the material. Includes: origin of oceans; nature and relief of the sea floor; physical and chemical properties of sea water; tides; currents; waves; beaches; estuaries; basic aspects of marine life and biological marine ecosystem; food and mineral resources of marine environments; environmental and pollution problems.

PHS 421 ENERGY RESOURCES (4 Hrs.)

Examination of new technologies, environmental consequences, and implications of major energy options. Provides synopsis of literature available in this field.

PHS 422 SOLAR ENERGY: PRINCIPLES AND APPLICATIONS (4 or 5 Hrs.)

Introduction to principles of solar energy and its technological applications to society's energy needs. Includes: physics of solar radiation; measurement of solar radiation; climatic factors associated with solar flux on earth; interaction of solar radiation with matter; applications of solar energy in heating, distillation, cooling, electric power generation; economics of solar energy technology; environmental factors; survey of present commercial applications. Laboratory includes practical applications utilizing solar energy experimental site at SSU. Intensive individual projects. Lecture only is 4 hours; with lab, 5 hours.

PHS 423 ENVIRONMENTAL GEOLOGY (4 Hrs.)

Basic geological concepts as related to man's activities; geological hazards; land-use planning; waste disposal; resources, including water; land reclamation. Examples from within Illinois.

PHS 430 TOPICAL SEMINAR (1 or 2 Hrs.)

Experience in organization and presentation of technical materials for science majors. Introduction to current literature and efficient use of library facilities. Topics determined by interests of the group. May be repeated for credit without limit.

PHS 431 INTRODUCTION TO ASTRONOMY (4 Hrs.)

Descriptive introduction for nonscience majors to modern concepts of the physical nature of the astronomical universe. Topics include astronomical instrumentation, stars, the sun, nebulae, galaxies, and planets.

**PHS 432 THE SOLAR SYSTEM (4 Hrs.)**

Discussion of rapid strides made during the space age in our understanding of the solar system. Includes modern information about the sun, planets, comets, meteors, and planetary satellites.

PHS 433 MODERN ASTRONOMY (4 Hrs.)

Analytical approach to the solar system; astrophysics; galactic astronomy; and modern ideas of origin, history, present state, and future of the universe. For science majors only, or with permission of instructor.

PHS 434 THEORIES OF THE UNIVERSE (4 Hrs.)

Survey of the most important concepts of the universe from the Babylonians through Einstein. Quasars, pulsars, black holes, and other recent discoveries are related to current cosmological thought.

PHS 435 ASTROPHOTOGRAPHY (4 Hrs.)

Photograph and analysis of objects in the solar system (planets, moons, sun) and deep-sky objects (galaxies, nebulae, star clusters), using the university's 14-inch telescope and associated equipment. Prerequisite: PHS 431 or equivalent.

PHS 441 THE NATURE OF THINGS (2 Hrs.)

For the nonscience major curious about developments of modern physics but lacking the mathematical background required for the traditional course. Major concepts of modern physics, stressing the human creative process involved in development of modern physical theories. Basic premise is that fundamental ideas of physics are richer than their mathematical expressions. Films and other visual aids used extensively. Includes: relativity, cosmology, nature of atoms, elementary particles, nature of light.

PHS 442 SPACE, TIME, AND RELATIVITY

(2 Hrs.)

Examination of concepts "space" and "time" and their merging within the theory of relativity. "In classical physics it was always assumed that clocks in motion and at rest have the same rhythm, that rods in motion and at rest have the same length. If the velocity of light is the same in all coordinate systems, if the relativity theory is valid, then we must sacrifice this assumption. It is difficult to get rid of deep-rooted prejudices, but there is no other way." — A. Einstein. Prerequisite: knowledge of elementary algebra.

PHS 461 OPTICAL METHODS OF ANALYSIS

(2 Hrs.)

Treatment of the theory, instrumentation, and applications of analytical techniques which employ infrared, visible, and ultraviolet radiation. Laboratory experience with the following instruments: ultraviolet, visible, and infrared spectrometers; atomic absorption and flame emission units; spectrophotofluorimeter; refractometer; and polarimeter.

PHS 462 SPECTROSCOPIC METHODS OF ORGANIC ANALYSIS

(2 Hrs.)

Thorough treatment of nuclear magnetic resonance spectroscopy and mass spectroscopy, including both instrumentation and applications of these methods to qualitative and quantitative analysis. Laboratory consists primarily of qualitative organic problem-solving, including use of infrared and ultraviolet spectroscopy.

PHS 463 CHEMISTRY OF SEPARATIONS

(2 Hrs.)

Unified discussion of physical chemistry of phase equilibria, and analytical chemistry of separation methods based on these equilibria. Laboratory includes: distillation, continuous and countercurrent extraction methods, various chromatographic methods, and electrophoresis.

PHS 464 CHEMISTRY OF ELECTROLYTE SOLUTIONS

(2 Hrs.)

Unified treatment of physical and analytical chemistry of dissolved electrolytes. Principles of ionic activities, conductance in solution, and current-voltage relationships at polarized and non-polarized electrodes. Electroanalytical techniques include: potentiometric measurements, polarography, and a variety of electrochemical titration methods.

PHS 465 CHEMICAL DYNAMICS

(2 Hrs.)

Examination of thermodynamic considerations which control the position of chemical equilibrium, and kinetic factors which govern reaction rates. Laboratory deals with measurement of thermodynamic quantities which pertain to reactions, and the elucidation of rate equations.

PHS 466 CHEMICAL BONDING AND STRUCTURE

(2 Hrs.)

Discussion of current theories of chemical bonding in ionic and covalent compounds. Emphasis on correlation of experimental data and prediction of the structures of chemical compounds.

PHS 467 MECHANISTIC ORGANIC CHEMISTRY

(2 Hrs.)

Advanced study of mechanisms, energetics, stereochemistry, and molecular orbital considerations of organic reactions.

PHS 468 ENVIRONMENTAL CHEMISTRY

(2 Hrs.)

Use of chemical principles in understanding processes that occur in the environment. Ecological problems of a chemical nature are analyzed.

PHS 469 DESCRIPTIVE INORGANIC CHEMISTRY

(2 Hrs.)

Survey covering various classes of inorganic compounds and reactions.

PHS 470 INSTRUMENT MODULE

(1 Hr.)

Concentrated instrumental course focusing on use, theory, and applications of one type of chemical instrumentation. Examples are chromatography, and atomic absorption, infrared, ultraviolet-visible, emission, nuclear magnetic resonance, or mass spectroscopy. May be repeated for credit without limit.

PHS 471 CHEMICAL SYNTHESIS LABORATORY

(2 Hrs.)

Inorganic and organic compounds, synthesized and characterized using modern chemical techniques. Course is problem-oriented requiring independent initiative planning and performance by the student.

PHS 490 SPECIAL TOPICS IN PHYSICAL SCIENCES**(1-4 Hrs.)**

Offered as required. Topics of particular interest to selected groups of students. May be repeated for an indefinite number of credit hours, but a particular topic may not be repeated for credit.

The following courses offered elsewhere in the university are approved for cross-listing by the Physical Sciences Program. Students must consult their faculty adviser before including these courses as part of their PHS requirement.

- BIO 415 Biochemistry I
- BIO 416 Biochemistry II
- ENP 433 People's Energy Needs
- ENP 434 Water Resources
- ENP 463 Environmental Climatology
- ENP 466 Geography — Life Geosystems
- ENP 482 Energy and the Environment

Political Studies

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Craig A. Brown, Leon S. Cohen, David Everson, Larry Golden, Lee Hoinacki, Douglas F. Morgan, Albert Nelson, Doh Shin, Robert C. Spencer, Augustine Stevens.

The Political Studies Program highlights the public affairs orientation of Sangamon State University through its curriculum, faculty, and concern for practical political experience. Designed for students who are interested in politics, public service, and citizenship, the program has set the following goals:

To develop in students a critical awareness of the substance of public issues and the processes by which our society deals with them.

To assist students in the study of those authors, events, and circumstances which enrich our knowledge and humane understanding of political life.

To encourage students to confront the basic problems of political knowledge, in which both fact and value are fundamental.

To use the human and material resources of the program to help the student develop skills important to practical pursuits in political and social institutions.

The Political Studies Program is especially strong in the study of American politics — national, state, and local — but also includes specialists in the politics of various foreign areas, minority politics, political economy, law, political theory, and public administration. Program members are active in the Illinois Legislative Staff Internship Program, the Illinois Private Sector Legislative Internship Program, the

Applied Legislative Study Term, and such university public affairs enterprises as the Legislative Studies Center, the Center for the Study of Middle-size Cities, and the Policy Studies and Program Evaluation Center. Faculty involvement in these programs and projects means greater opportunities for students — to participate in ongoing public affairs research and to acquire firsthand experience in politics and public administration. Because of cooperative relations between the university and various government agencies in Springfield, and of faculty involvement in such organizations as the American Civil Liberties Union, students in the program are introduced to a wide range of contacts for work/study in the Applied Study Term, and for future career choices.

Because of structural flexibility in the curriculum and faculty resources in the university, students may carry out studies in such areas as political economy, public administration, and critical theory. Courses in foreign politics and international relations are available in other programs as well as those listed by the Political Studies Program.

Students concentrating in political studies pursue a variety of interests and careers. Among them are:

Professional work in politics.

Employment in various national, state, and local agencies of government.

Studies in law, or other professions closely related to the political system.

Preparation for teaching and advanced study in political and social sciences.

THE BACHELOR'S DEGREE

While the Political Studies Program has no specific entrance requirements, it is assumed that students have had some introductory college study in political or social science. Courses are grouped in four categories, each reflecting a program goal. Upon entering the program, students should select an adviser from the program faculty.

Category I — Political Decision-Making

In every society decisions are made which bind the citizen, willingly or not, to collective goals. The institutions, circumstances, and processes in which these decisions are made constitute the very substance of political study. Courses in this category deal with how political decisions are made, the impacts they have, and ways of evaluating their worth; the institutional context — constitutions, laws and legislatures, executives and other leaders, bureaucracy; such dimensions of the political environment as socialization, participation, political parties and interest groups, public opinion, voting; the consequences of political decisions — distribution of costs and benefits, attainment of social goals, special methods of policy evaluation.

Courses in Category I can be identified by their last two digits: -51 to -89 (e.g., POS 363, POS 471, POS 478).

Category II — Values and Alternatives

These courses raise several basic questions: Are there special features of political life which are distinct from social or economic life? Is politics always and everywhere the same? Does politics offer universally appropriate means for establishing a good life or a good society?

In the comparative study of various political systems, students encounter these issues as well as different ideas regarding politics and its use.

Courses in Category II can be identified by their last two digits: -31 to -49 (e.g., POS 345, POS 432, POS 447).

Category III — Empirical Political Analysis

The emphasis of this category is upon two questions: What constitutes political knowledge? How can it be used? The character of political inquiry is studied, both in its theoretical and practical aspects.

The courses question whether political analysis is unique in its standards of explanation, in the way in which it deals with such basic issues as free will and determinism, valuation and objectivity, relativity and the problems involved in the application of political science to practical political problems.

Courses in Category III can be identified by their last two digits: -11 to -29 (e.g., POS 311, POS 413, POS 417).

Category IV — Practical Skills

In this category, the program expresses its aim to help prepare students for careers in politics, academic life, or public service. All students concentrating in political studies must demonstrate competence in at least one skill area. Each student may satisfy the requirement by developing a skill appropriate to his or her academic program and career interests. For example, persons wishing to pursue graduate study may wish to emphasize research-related skills. Among the skills acceptable for fulfilling the requirement would be: audio-visual communications; bill analysis, budget analysis; community organization; community planning, computer programming; formal logic; legal research; political persuasion; political reporting; program evaluation; survey research; statistical analysis, tests and measurement; and theory construction.

Fulfillment of Category IV requirements carries with it four hours of academic credit in the concentration. Competence must be certified by a subcommittee of the POS Program. Normally, competence would be established in one of three ways:

1. Successful completion of a course which has been certified by the subcommittee as demonstrating competence in the particular skill. For example, the Legislative Applied Study Term Seminar, AST 303, has been designed to satisfy the bill analysis skill requirement.
2. The successful completion of an exercise, designed by the subcommittee in consultation with the student and his or her adviser, which demonstrates competence in the skill.

3. The submission of a product, approved by the subcommittee in consultation with the adviser and the student, which demonstrates competence in the skill.

In order to receive the B.A. degree, the student must have a minimum of 28 semester hours in political studies, distributed with at least 12 semester hours in Category I, at least four hours in Category II, at least four hours in Category III. The Category IV requirement may be satisfied as previously indicated.

Certain courses from other academic programs appear in the political studies course schedule at registration. These cross-listed courses are an integral part of the Political Studies Program and are credited as part of the 28 semester hours necessary for the B.A. They are generally included only in Category I. Approval by the student's adviser is required to count a cross-listed course as credit in any other category.

Although there are no upper limits on the number of hours a student may take in political studies, students are urged to plan as broad a liberal arts program as possible. A typical B.A. program in political studies might be distributed as follows:

Political Studies Concentration:

Category I	16 hours
Category II	4 hours
Category III	4 hours
Category IV	4 hours
	<hr style="width: 100%;"/>
Elective courses	18 hours
Public Affairs Colloquia	6 hours
Applied Study Term	8 hours
	<hr style="width: 100%;"/>
	60 hours

Counsel on the best distribution of courses for one's own academic interests or career plans, and information on courses, Applied Study Term, waivers, and other special circumstances are available from the student's political studies adviser.

THE MASTER'S DEGREE

The M.A. program in political studies is highly flexible and is arranged according to the student's own interests and needs. Master's candidates have developed academic plans in preparation for a wide range of careers in the public sector, for the study of law and other public-oriented professions, for teaching, and for doctoral study in political science. The student's special program of study should be planned with an adviser from the political studies faculty early in the first semester of residence.

While there are no specific requirements for entering the master's program, the student must apply for M.A. candidacy after successfully completing 16 semester hours of graduate work — at least 12 hours of which must be in political studies courses — but before finishing 20 semester hours. Application for M.A. candidacy entails developing a



prospectus in consultation with one's program adviser. The prospectus is then submitted to the program committee which judges, on the basis of the prospectus and performance in courses, whether the student should continue studying for the Master of Arts in Political Studies.

A typical distribution of courses for the M.A. degree might be as follows:

Concentration in Political Studies	28 hours
Public Affairs Colloquia	4 hours
Elective courses	8 hours
	40 hours

While a total of 40 semester hours is normally required for the M.A. degree, students with exceptionally strong undergraduate majors in political science or government may petition to waive up to eight semester hours. This petition, drawn in consultation with the program adviser, should accompany the prospectus when application is made for M.A. candidacy.

POLITICAL STUDIES/Course Descriptions

POS 402 RESEARCH AND APPLIED SEMINAR (4 Hrs.)

Integration of academic and experiential learning. Student enrolls during the Applied Study Term. Includes the character of political events, research strategies for analysis of the events; methods of data collection. A written report integrates class work with experiences in Applied Study Term.

POS 411 RESEARCH METHODS FOR POLITICAL STUDIES (4 Hrs.)

Overview of methods political scientists employ to collect and analyze current data. Practical experiences in the conduct of research and some of the available data processing equipment.

POS 412 UNDERSTANDING POLITICS (4 Hrs.)

The nature of politics, extent to which scientific method is appropriate for study of politics, methods of political inquiry, explanation in political and social science, contemporary approaches to study of politics.

POS 413 DEMOCRACY, PLURALISM, ELITISM (4 Hrs.)

Examination of the variants of three theoretical perspectives on the distribution of power in society: democracy, pluralism, and elitism. Both normative (what ought to be) and empirical (what is) theoretical perspectives examined. Major focus is American society, but some comparative materials are included.

POS 431 MARXISM, LENINISM, MAOISM (4 Hrs.)

Investigation into the nature and meaning of Marxism as a theory of political development and modernization. Critical study of classic Marxist texts is followed by examination of such divergent 20th-century interpretations and applications as Lenin's and Mao's.

POS 433 MAOISM AND CHINESE POLITICS (4 Hrs.)

Study of Mao's political thought and its impact upon China's social, economic, and political development.

POS 435 DIGNITY AND THE WASTELAND: NATURE IN THE POLITICAL TRADITION (4 Hrs.)

Study of important political thinkers in order to clarify how environmental ethics bear on civic action. Is the good environmentalist a good citizen? Conducted as a seminar. See ENP 481.

POS 436 PUBLIC INTEREST IN POLITICAL THOUGHT (4 Hrs.)

Exploration of traditions of political thought through contemporary authors and classic texts. Politics abounds with interests — private, special, vested, and otherwise — but it is hard to identify the public interest.

POS 437 LATIN AMERICA: SELECTED POLITICAL PROBLEMS (4 Hrs.)

Comparison of how Latin-American nations and the United States seek to solve problems which all political systems face, and examination of alternative value systems which underlie different policy structures and decisions.

POS 438 ILLUSIONS, MYTHS, AND SYMBOLS IN POLITICS (4 Hrs.)

Examination of relationships among maintenance and change of social collectivities; maintenance and change in individual personality; political illusions, myths, and symbols. Study of the individual, the society, and noninstrumental or symbolic aspects of politics.

POS 439 THEORIES OF POLITICAL CHANGE (4 Hrs.)

Examination of possibilities for political change from a theoretical perspective, with emphasis on contemporary America. Value implications are explicitly considered.

POS 442 THE ORIGINS OF POLITICAL SCIENCE (4 Hrs.)

Analysis, evaluation, and comparison of the original understanding of the proper concern for study of politics with the view currently in fashion.

POS 443 PROFESSION OF LAW AND PUBLIC AFFAIRS (4 Hrs.)

Public meaning of legal careers in modern society. Featured in the study of various kinds of law practice are tensions among the claims of social status, technical expertise, personal conscience, and civic obligation.

POS 445 JUSTICE IN WESTERN POLITICAL THOUGHT I: CLASSICAL (4 Hrs.)

Examination of major theoretical treatments of injustice and justice in western political tradition. Emphasis on Plato and Aristotle. Includes origins of political science and political philosophy and a consideration of the historical context in which that occurs.

POS 446 JUSTICE IN WESTERN POLITICAL THOUGHT II: MODERN (4 Hrs.)

Examination of major theoretical treatments of injustice and justice in western political tradition. Emphasis on political tradition from Machiavelli to Marx with particular concern for development of American constitutionalism and Marxism.

POS 447 TWENTIETH-CENTURY POLITICAL THOUGHT (4 Hrs.)

Focus on significant theoretical contributions to our understanding and resolution of

major problems of modern life, such as alienation, dissent, oppressive bureaucracy, corruption, erosion of private life, and the continuing struggle for equality.

POS 448 JUSTICE AND THE STATE: THE LEGITIMACY OF POLITICAL ORDER AND THE OBLIGATION TO OBEY (4 Hrs.)

Students are helped to develop their own views of their political, legal, and moral obligation to American society or to any society, given its legitimacy in light of the injustice and justice which it achieves.

POS 451 LEGISLATIVE POLITICS (4 Hrs.)

Analysis of legislative decision-making in the state legislature and United States Congress. The law-making process as a system involving interplay of competing personalities, interests, and actors. Special attention to the Illinois experience.

POS 452 POLITICS OF STATE GOVERNMENT (4 Hrs.)

Analysis of environments affecting public policy. Focus on the principal state decision-makers and process of policy formation. Special emphasis on Illinois.

POS 453 BASIC ISSUES IN AMERICAN GOVERNMENT (4 Hrs.)

Examination and questioning of structures and processes of contemporary American government as problem-solver, and the consequent issue of authority. See SJP 407.

POS 454 POLITICAL PARTICIPATION (4 Hrs.)

Study of different ways in which citizens influence government, significant theories of political participation, various conditions and forces which encourage and discourage participation, and deprived groups and participation.

POS 455 GUBERNATORIAL POLITICS (4 Hrs.)

Comparative analysis of state executive branches, focusing on policy formation with emphasis on Illinois.

POS 458 RIGHTS IN THEORY AND PRACTICE: INTRODUCTION TO CIVIL LIBERTIES PROBLEMS (4 Hrs.)

Relationship between civil liberties and economic and political systems. Definition of rights and civil liberties problems; role of judiciary, legislature, bureaucracy.

POS 459 PROBLEMS IN THE FOUNDATIONS OF DEMOCRACY (4 Hrs.)

Examination of three tensions at the heart of the American regime: how to achieve equality while preserving liberty; how to protect the pursuit of happiness while maintaining concern for excellence and virtue; how to perpetuate a democratic republic without revolution.

POS 463 PUBLIC OPINION AND ELECTORAL BEHAVIOR (4 Hrs.)

Methods and substantive findings of empirical research on American public opinion and voting behavior. Implications for democratic theory.

POS 464 PARTIES AND PRESSURE GROUPS (4 Hrs.)

Examination of the role and function of political parties and interest groups in linking the public to political institutions in contemporary American politics.

POS 465 MINORITY POLITICAL BEHAVIOR (4 Hrs.)

Examination of the problems, strategies, and goals of minorities in American politics.

POS 466 POLITICAL SOCIALIZATION (4 Hrs.)

Study of how people adapt to political environments and develop political attitudes.

POS 468 THE AMERICAN PRESIDENCY (4 Hrs.)

Examination of the nature and scope of the American Presidency — both historically and analytically. Topical attention is given to the view of the framers of the Constitution and to the problems of Presidential management, leadership, and prerogative.

POS 472 WORLD POLITICS (4 Hrs.)

Exploration of such questions as: Are there theories of international relations? Is politics possible in the international arena? Has America become an empire? Is the citizen more than a passive spectator of the international scene?

POS 473 POLITICS OF THE SUPERPOWERS (4 Hrs.)

Study of cooperation and conflict among the superpowers — USA, USSR, China, and Japan — in light of recent major events and development.

POS 474 THEORY AND PRACTICE OF AMERICAN POLITICS (4 Hrs.)

Concentration on major tensions in American political thought and practice — such as democracy vs. representative government, property vs. equality, pragmatism vs. theory, and order vs. justice — and attempts to reach some resolutions.

POS 475 RACE, POLITICS, AND EDUCATION (4 Hrs.)

Exploration of the impact of racial and class distinctions on allocation of educational resources in American public schools, considering issues ranging from neighborhood schools to equal educational opportunity.

POS 477 THE AMERICAN CONSTITUTION: CRIMINAL LAW AND CIVIL LIBERTIES (4 Hrs.)

Exploration of the differences between civil rights on the one hand and human, social, and constitutional rights on the other; followed by examination of rights of the accused guaranteed by the Fourth, Fifth, Sixth, Seventh, and Eighth Amendments and the First Amendment freedoms of speech, press, and assembly. See SJP 464.

POS 478 THE AMERICAN CONSTITUTION: ITS PAST AND FUTURE (4 Hrs.)

Examination of the questions: What has the American Constitution been, what has it become, and what is it likely to mean in the future? Focus on the powers of the various branches of government and the constitutional principles of separation of powers, checks and balances, and federalism.

POS 501-502 ACADEMIC SEMINAR, ILLINOIS LEGISLATIVE STAFF INTERNSHIP (4 Hrs.)

Examination of the literature on legislative process, legislative behavior, representative theory, and Illinois government and politics. Each intern prepares a major research paper. Restricted to students selected as Illinois Legislative Staff Interns.

Many courses offered by other programs are considered as regular parts of the Political Studies Program curriculum. Some examples are:

ADP 471	Planning and Politics
ECO 486	Social Policy
ENP 442	Ecology and Society: Implications for Public Institutions
HIS 439	American Foreign Policy in the 20th Century
SOA 475	Political Sociology
WCS 441	Radical Social and Political Theory

Other courses may be cross-listed as well, depending upon their appropriateness to the student's plan of study. Students should consult their program advisers prior to registration.

Psychology

B.A.

(60 Hrs.)

M.A.

(40-60 Hrs.)

PROGRAM FACULTY — Joel Adkins, Jerry A. Colliver, Richard E. Dimond, Ronald F. Ettinger, Ronald A. Havens, Jonathan L. Hess, Arthur C. Jones, Mollie Lewin, Stanley J. Lewin, John Miller, A. Daniel Whitley.

ADJUNCT FACULTY — Donald MacLean.

The Psychology Program at Sangamon State offers the student a

chance to explore the many complex psychological problems facing people, and also provides an opportunity for each student to understand his or her own behavior. The bachelor's program affords a good background preparation for various types of further training and some work opportunities. The B.A. in psychology does not ordinarily prepare an individual for a professional career. Anyone who aspires toward a career in psychology should be prepared to continue formal education to at least the master's degree level.

The master's program in psychology at Sangamon State prepares students to apply the findings of psychology to current problems; it is also designed for individuals who believe that their effectiveness at work or leisure may be enhanced by learning about human behavior.

THE BACHELOR'S DEGREE

Students who wish to enter the program should have had a course in general psychology, and it is expected that this requirement will have been satisfied before the student enters SSU. Students who have not met this



requirement may satisfy it through examination, independent study, or course work. Any of these alternatives must meet with the approval of the student's adviser.

For the B.A. degree the student must have a minimum of 28 semester hours in psychology. Although there are no upper limits as to the maximum number of hours a student may take in psychology, he or she is urged to select elective courses from other programs for a broad liberal arts education. The student is required to complete successfully a minimum of four semester hours in each of four areas. Courses which satisfy each of these requirements are indicated in the course descriptions. It is recommended that courses in Areas I, II, and III be taken as early as possible.

Area I — Basic Processes. Courses treat those aspects of behavior which are fundamental to an understanding of man as a dynamic organism.

Area II — Methods and Procedures. Courses emphasize the basic methods and tools of the science of psychology.

Area III — History, Systems, Theory, and Solutions. Courses deal with the systems, theories, and proposed solutions to specific problems of human behavior.

Area IV— Applications. Courses are characterized by the student's active involvement in application of learning and skills obtained in previous areas.

The student's remaining hours in psychology may be taken in any course listed for psychology credit, even if the course is not listed under the four major areas. Students who plan to continue their education beyond the B.A. degree should select most of their 28 hours of psychology from Areas I, II, and III.

THE MASTER'S DEGREE

Students entering the M.A. program need not have an undergraduate degree in psychology, but students with other degrees may find it necessary to complete additional undergraduate courses in psychology or otherwise demonstrate their readiness for graduate work. Students who have not had one semester of statistics and experimental psychology will be expected to make up their deficiencies after entering the program. Both interim and permanent advisers will be arranged within the Psychology Program. Students accepted in the program will be expected to consult with their advisers prior to registration. An M.A. candidate must complete a minimum of 40 semester hours, including an intensive Master's Project in the student's area of interest. This may take the form of a paper, case study, critical review, or research thesis. The Psychology Master's Colloquium is also recommended; students may fulfill additional hour requirements with courses, chosen in consultation with the adviser, which meet their interests and goals. Any entrance or degree requirement may be waived by petition to the Psychology Program coordinator on condition that the student acceptably demonstrate his or her competence in the area. Such petition should be made prior to registration in the program.

In addition to the general psychology master's degree, a specialized sequence of courses providing training and experience in clinical psychology is available. This sequence of courses is designed to prepare students to practice as professionals within agencies such as community mental health centers. It is not designed to aid students in gaining acceptance to doctoral programs, nor is it intended to prepare students to practice independently or privately. Because of the nature of the skills involved and the responsibilities of graduates in their future employment settings, the clinical psychology sequence may be entered only in the fall semester of each year; acceptance is based on an application process. In addition, this sequence has a two-year, 56-semester-hour requirement as opposed to the 40 semester hours required in the general psychology master's program. Further information, including entrance requirements, and application forms may be obtained from the Psychology Program coordinator. Com-

pleted applications, transcripts, and letters of recommendation must be received prior to May 1 of each year.

PSYCHOLOGY/Course Descriptions

- PSY 301 QUANTITATIVE METHODS IN THE BEHAVIORAL SCIENCES:
AN INTRODUCTION (4 Hrs.)**
Simple experimental design, related data analysis techniques. Discussion of summarizing and interpreting data obtained in experimental settings, inferential techniques, hypothesis testing, specific problems that arise in the behavioral sciences. Prerequisite: grasp of basic algebraic concepts. Satisfies Area II. Offered fall, spring, summer.
- PSY 302 EXPERIMENTAL PSYCHOLOGY (4 Hrs.)**
Introduction to process of critical thinking, stressing philosophy of science and strategies of research. Experimentation viewed as a decision-making process concerned with definitions, sampling subjects and conditions, scaling, instrumentation, and design. Student engages in structured and unstructured laboratory experiences. Satisfies Area II. Offered fall and spring.
- PSY 303 EXPERIMENTAL METHODS IN PSYCHOLOGY (4 Hrs.)**
Emphasis on understanding the experimental method in general and research designs and strategies in particular. Differs from PSY 302 primarily in lack of laboratory work. Emphasizes critiques of journal publications. Satisfies Area II. Offered fall and spring.
- PSY 304 NONPARAMETRIC STATISTICS IN THE BEHAVIORAL SCIENCES (4 Hrs.)**
Introductory statistics. Analysis of data which may not meet parametric assumptions. Statistical procedures useful in both behavioral and biological sciences. Topics include descriptive statistics, inferential statistics, and correlational techniques. Does not prepare student for PSY 501. Satisfies Area II.
- PSY 314 HUMAN INFORMATION PROCESSING (4 Hrs.)**
How incoming information is transformed, reduced, elaborated, stored, recovered, and used. Introductory course dealing with current topics in perception, learning and memory, physiological and social psychology. Satisfies Area I.
- PSY 331 SOCIAL PSYCHOLOGY IN PSYCHOLOGICAL PERSPECTIVES (4 Hrs.)**
Aggression, prejudice, status, leadership, propaganda, personal perception, and other interactional aspects of the social influence process are examined. Implications of theory and research for the individual in contemporary society are discussed. Satisfies Area III.
- PSY 341 CHILD AND ADOLESCENT PSYCHOLOGY (4 Hrs.)**
Intellectual and social development of the child from birth through adolescence: the role of basic psychological processes, the family, and the community. Satisfies Area I.
- PSY 344 PERSONALITY THEORY (4 Hrs.)**
Comparative study of personality theories, historical and contemporary. Theorists include Freud, Rogers, Jung, Maslow, Adler, Fromm, Murray, Sullivan, Kelly, Erikson, and others. Satisfies Area III.
- PSY 352 ABNORMAL PSYCHOLOGY (4 Hrs.)**
Survey of the history and descriptions of abnormal behavior, theory, and research. Emphasizes current diagnostic classification systems. Satisfies Area III. Offered fall, spring, summer.
- PSY 355 INTRODUCTION TO CLINICAL PSYCHOLOGY (4 Hrs.)**
Survey of theories and techniques of individual and group therapy and community psychology. Topics include assessment, interviewing, behavior modification, hypnosis, psychoanalysis, drugs, electroconvulsive shock, T-groups, prevention programs, and general professional issues. Satisfies Area IV.

PSY 356 CHILD MANAGEMENT PROCESSES FOR PARENTS AND INSTITUTIONAL PERSONNEL (4 Hrs.)

Designed to help students acquire: 1) theoretical basis for behavioral management of child in different milieus, 2) knowledge of pertinent literature on clinical techniques, and 3) sensitivity to common application problems when attempting to manage child behavior. Satisfies Area IV.

PSY 357 PSYCHOLOGICAL TREATMENT TECHNIQUES (4 Hrs.)

Survey of treatment techniques employed in clinical settings. Topics include psychoanalysis, client-centered therapy, hypnotherapy, hydrotherapy, Gestalt therapy, rational-emotive therapy, behavior therapy, electroconvulsive therapy, biofeedback. Satisfies Area IV.

PSY 371 APPLIED PSYCHOLOGY (4 Hrs.)

Study of the full range of psychological principles applied to real life. Topics include clinical, organizational, industrial, consumer, and advertising psychology; community and environmental psychology. Satisfies Area IV.

PSY 404 PERCEPTION (4 Hrs.)

Basic principles of perception, the process by which one maintains contact with his or her environment. Topics include perceptual organization, psychophysics, visual search, visual memory, and illusions. Satisfies Area I.

PSY 408 PSYCHOLOGICAL TESTS AND MEASUREMENTS (4 Hrs.)

Exploration of the strengths and weaknesses of evaluation instruments, given that these instruments are man-made tools. Basic principles of test construction; validity, reliability, and item-selection. Emphasis on interpretation of test scores and review of various classifications of tests. Satisfies Area IV.

PSY 410 SPECIAL TOPICS IN PSYCHOLOGY (4 Hrs.)

Specific topics within some specialized area of psychology; vary each semester. A maximum of 8 hours may be earned in the course.

PSY 411 PHYSIOLOGICAL PSYCHOLOGY I (4 Hrs.)

Basic properties of nerve cells and basic principles of nervous system function. Information-processing approach. Satisfies Area I. Offered fall, spring.

PSY 412 PHYSIOLOGICAL PSYCHOLOGY II (4 Hrs.)

Development of general model of CNS function in perception, attention, learning, motivation, action, and consciousness. Prerequisite: PSY 411. Satisfies Area I.

PSY 413 LEARNING AND MEMORY (4 Hrs.)

Basic principles, theories of learning and memory. Laboratory experience in basic learning principles included. Satisfies Area I.

PSY 414 PSYCHOACTIVE DRUGS (4 Hrs.)

Study of narcotics, stimulants, depressants, psychedelics, tranquilizers, antipsychotics, marijuana. Basic pharmacology; drug effects; principles of drug research; social issues. Satisfies Area IV.

PSY 415 HORMONES AND BEHAVIOR (4 Hrs.)

Study of glands of internal secretion. Role of hormones in metabolic processes, manner in which internal secretions are controlled, circumstances of hormonal responses to environmental and metabolic challenges. Role of hormones in etiology and mediation of behavioral phenomena. Satisfies Area I.

PSY 416 DEVELOPMENTAL PSYCHOBIOLOGY (4 Hrs.)

Inquiry into development of behavior which includes genetic, prenatal, and postnatal factors. Principles suggested are applicable to humans but many have been derived from research with nonhuman mammals where controlled breeding, controlled environments, and extensive physiological analyses are possible. Satisfies Area I.

PSY 421 HEREDITY AND ENVIRONMENT IN PSYCHOLOGICAL PROCESSES (4 Hrs.)

Examination of relative contribution of heredity and environment and their interaction to psychological factors of learning, memory, intelligence, mental disabilities, normal and

abnormal personality traits. Prerequisite: at least two psychology courses at the 300 level or above. Satisfies Area IV.

PSY 429 PSYCHOLOGY OF AGING (4 Hrs.)

Inquiries into the manner in which the field of psychology contributes to understanding the aging process. Emphasis on determinants of individual differences among older persons as well as psychological problems of senior citizens.

PSY 430 SPECIAL TOPICS IN PERSONALITY/SOCIAL PSYCHOLOGY (4 Hrs.)

Specific topics, varying each semester. Maximum of 8 hours may be earned.

PSY 441 THE DEVELOPMENT OF LANGUAGE IN YOUNG CHILDREN: ACQUISITION AND REMEDIATION (4 Hrs.)

Review of normal language development in the first six years of life from behavioral and theoretical viewpoints. Consideration of disorders encountered in early language development: types, origins, assessment, and remediation.

PSY 442 EXCEPTIONAL CHILD (4 Hrs.)

Survey of behaviors and conditions that make a child different from most other children: giftedness; mental retardation; learning disabilities; behavior problems; hearing, vision, and speech impairments; chronic problems. Prerequisite: PSY 341.

PSY 443 CHILD PERSONALITY DEVELOPMENT: A SOCIAL LEARNING APPROACH (4 Hrs.)

The student-psychologist is assisted in understanding normal course of personality development in children from social learning viewpoint. Emphasizes impact of family milieu, school milieu, and behavior of significant others on progressive personality development of child.

PSY 445 EXPERIMENTAL PERSONALITY (4 Hrs.)

Research in the field of personality psychology. Many areas reviewed. Topics such as perceptual defense, need achievement, defense mechanisms, and perceptual styles examined. Topics related to theory and emphasis placed upon experimental design and attendant problems. Prerequisites: PSY 301, PSY 302 (or PSY 303), PSY 344.

PSY 452 PSYCHOANALYTIC PSYCHOLOGY (4 Hrs.)

Systematic, chronological approach to psychoanalytic psychology. Treats dream interpretation, theory of sexuality, meaning of neurotic symptoms, psychopathology of everyday life, other topics. Focuses on writings of Sigmund Freud, includes current modifications and elaborations of "classical" psychoanalytic thought.

PSY 453 PSYCHOANALYTIC EGO PSYCHOLOGY (4 Hrs.)

Study of leading thinkers in mainstream of psychoanalytic psychology since Freud. Includes Erik Erikson, Ann Freud, Ernst Kris, and others seeking to build a model of human behavior incorporating the rational and irrational, the healthy and the neurotic.

PSY 465 TRANSACTIONAL ANALYSIS (2 Hrs.)

Exploration course with lectures, simulations, interactions, fantasy presented so each person examines who he or she is, and beliefs about human nature. Utilizes information, methods, and techniques from behavioral science and human potential movement.

PSY 466 TRANSACTIONAL ANALYSIS: APPLICATIONS IN GROUP TREATMENT (2 Hrs.)

Applied course utilizing primarily group treatment techniques developed in transactional analysis. A high level of interpersonal interaction, game revealing, and interpretation with positive self-integration expected as course outcome. Prerequisite: PSY 465 or equivalent. This course with PSY 465 satisfies Area IV.

PSY 472 INTRODUCTION TO INDUSTRIAL PSYCHOLOGY (4 Hrs.)

Examination of human behavior problems, perspectives in organizations to gain understanding of interactions between task, technology, people, and organizational structure; emphasis on selection, training, attitudes, leadership, motivation, and group behavior. Satisfies Area IV.

PSY 473 ENGINEERING PSYCHOLOGY (4 Hrs.)

Applied experimental psychology concerned with development, improvement of man-

machine systems. Deals with the maximization of human performance in such areas as transportation, communication, and production. Stresses methods of investigation as well as content. Satisfies Area IV. Prerequisite: PSY 302 or 303.

PSY 474 APPLIED EXPERIMENTAL PSYCHOLOGY (4 Hrs.)

Applications of the experimental method to specific problems. Areas covered include human factors, product safety, environmental problems, man-machine systems. Students conduct applied research. Prerequisites: PSY 302 or 303. Satisfies Area IV.

PSY 481 ENVIRONMENTAL PSYCHOLOGY (4 Hrs.)

Impact of physical environment on attitudes and behavior, significance for architecture, interior design, and other design fields. Prerequisite: background in psychology and sociology.

PSY 482 ORGANIZATIONAL PSYCHOLOGY (4 Hrs.)

Treatment of philosophy, theories, and technologies of organizational change and development. Emphasis on understanding organizations as social systems, problems of change in organizations, introduction of change for organizational effectiveness. Prerequisite: PSY 472.

PSY 484 CLINICAL BIOPSYCHOLOGY (4 Hrs.)

Elaboration of biological substrates as they relate to some problems a clinical psychologist may encounter. Normal and abnormal variations in nervous and endocrine function are discussed as they relate to metabolic and behavioral phenomena. Satisfies Area III.

PSY 488 ISSUES IN THE HISTORY OF PSYCHOLOGY (4 Hrs.)

History of psychology from perspective of major issues, concepts, and influences. Satisfies Area III.

PSY 490 RESEARCH PROBLEMS IN PSYCHOLOGY (4 Hrs.)

Intensive investigation into specific research topic selected by student. Research may include library research, laboratory work, or applied experience. Maximum of 8 hours may be earned.

PSY 501 ADVANCED QUANTITATIVE METHODS IN THE BEHAVIORAL SCIENCES: EXPERIMENTAL DESIGN (4 Hrs.)

Problems of interpreting data obtained in experimental settings. Simple and multi-factor analysis of variance techniques, complex experimental designs with related data analysis techniques. Prerequisite: PSY 301.

PSY 502 ADVANCED QUANTITATIVE METHODS IN THE BEHAVIORAL SCIENCES: CORRELATION AND REGRESSION (4 Hrs.)

Simple correlation and regression with interpretations of correlation coefficient in behavioral research situations. Correlation techniques other than the Pearson product-moment, multiple regression, and multiple correlation. Prerequisite: PSY 301.

PSY 503 SEMINAR IN MEASUREMENT (4 Hrs.)

Mathematical concepts giving meaning to measurement process, such as psychological testing. Includes correlation and regression, reliability and validity. Prerequisite: PSY 301.

PSY 506 ADVANCED RESEARCH METHODS (4 Hrs.)

Examination of various laboratory and nonlaboratory methods of researching behavior such as case studies, unobtrusive measures, *ex post facto* designs, surveys, controlled lab research, semi-controlled field studies, and small *n* designs.

PSY 510 SPECIAL TOPICS IN PSYCHOLOGY (2 or 4 Hrs.)

Special topics within some specialized area of psychology; specific topics vary each semester, oriented toward the graduate-level student. Maximum of 8 hours may be earned.

PSY 541 COGNITIVE DEVELOPMENT: THOUGHT AND INTELLIGENCE IN CHILDREN (4 Hrs.)

Seminar in development of sensation, perception, language, thinking, reasoning, decision-making, memory, intelligence from birth into adult years. Students discuss major

theories of intelligence and cognition, manner in which they are evaluated, contributions they make in child rearing.

PSY 549 PRINCIPLES AND TECHNIQUES OF CHILD THERAPY (4 Hrs.)

Consideration of recent thinking and research about child therapy. Surveys techniques recommended for treatment of disorders classified as: intrapersonal, situational, and crisis. Diagnosis of disorders emphasized.

PSY 551 PSYCHOPATHOLOGY: THEORY, RESEARCH, AND ASSESSMENT (4 Hrs.)

Investigation of abnormal behavior in depth, including theories, models, research, and techniques of assessment. Alternate systems of classification explored; literature of schizophrenia, anxiety, suicide, and other topics. Prerequisites: PSY 352. Offered in fall.

PSY 552 CHILD PSYCHOPATHOLOGY AND THERAPY (4 Hrs.)

Student learns to recognize and define clinical problems of childhood, disclose clinical results, prescribe treatment approaches, and outline theoretical positions based upon research findings. Offered in fall.

PSY 553 INDIVIDUAL PSYCHOTHERAPY: THEORY, RESEARCH, AND TECHNIQUES (4 Hrs.)

Review of specialized techniques and concepts of individual psychotherapy. Theory and research are kept to a minimum. Emphasis on application of techniques from varied theoretical backgrounds which focus on specific symptoms or syndromes. Prerequisites: PSY 344, PSY 352. Offered in fall.

PSY 554 PSYCHOLOGICAL INTERVENTION WITH BLACK CLIENTS (4 Hrs.)

Issues relevant to the treatment of blacks in clinical settings. Focus on general theoretical issues as well as specific problems in treatment planning. Biographical and case material supplement readings in black psychology.

PSY 555 SCRIPT ANALYSIS: AN EXPERIMENTAL COMBINATION OF TRANSACTIONAL ANALYSIS AND PSYCHODRAMATIC METHOD (4 Hrs.)

Combines certain conceptual ideas of Eric Bern's Transactional Analysis with actional methods of J. L. Moreno's Psychodrama, to explore operationally the notion of "life script."

PSY 556 PLAY THERAPY: COMPARATIVE APPROACHES (4 Hrs.)

Investigation of use of play therapy in treatment of children with severe handicaps and children experiencing transient developmental adjustment difficulties. Student is exposed to divergent theoretical models upon which play therapy has been founded.

PSY 561 INTERVIEWING (4 Hrs.)

Exploration of different purposes and approaches to interviewing, as well as some role playing and use and interpretation of the information obtained.

PSY 562 COMMUNITY PSYCHOLOGY: THEORY, RESEARCH, AND INTERVENTION TECHNIQUES (4 Hrs.)

History, philosophy, structure, activities, pitfalls, and present circumstances of community mental health approach. Function of the psychologist as social change agent examined in terms of ethics, feasibility, advisability, techniques, methods of effectiveness-assessments. Offered in fall.

PSY 566 GROUP THERAPY: THEORY, RESEARCH, AND TECHNIQUES (4 Hrs.)

Group dynamics, research, and theory combined with study of group therapy. Class lectures, discussions, and simulations demonstrate group processes, provide experience in a group therapy situation, and teach specific leadership techniques. Prerequisite: PSY 553. Offered in spring.

PSY 567 ADVANCED CLINICAL PSYCHOLOGY (4 Hrs.)

Seminar for advanced students in clinical psychology. Students develop specialized knowledge, skills in clinical psychology. Individual attention is emphasized and student participation varies according to contracts set at the beginning of the course. Prerequisites: PSY 552, PSY 566, PSY 580. Offered in spring.

PSY 570 SPECIAL TOPICS IN QUANTITATIVE METHODS (4 Hrs.)

Specially selected topics concerned with application of quantitative methods in the behavioral sciences. Content varies as function of interest and demand. Prerequisite: PSY 301. May be repeated for maximum of 12 hours.

PSY 573 PSYCHOLOGICAL TESTS IN CLINICAL PRACTICE (4 Hrs.)

Survey of psychological tests used in clinical practice. Includes some administration, interpretation, and report writing. Intended to familiarize students with concepts necessary to understand psychological reports, not to qualify them in test administration. Application form required. Prerequisites: PSY 408 or HDC 475, PSY 352, PSY 344. Offered fall, spring.

PSY 574 INDIVIDUAL INTELLIGENCE TESTING (4 Hrs.)

Administration, interpretation of major tests of intelligence: Stanford-Binet, Wechsler Adult Intelligence Scale, and Wechsler Intelligence Scale for Children. Discussion of clinical interpretation of these scales. Application form required. Prerequisites: PSY 408 or HDC 475, PSY 352, PSY 344.

PSY 575 THEORY AND TECHNIQUES OF INDIVIDUAL ASSESSMENT (4 Hrs.)

Basic administration and scoring of battery of psychological tests: includes Wechsler Scales of Intelligence (WAIS; WISC), Rorschach, Thematic Apperception Test, and Bender-Gestalt. Prepares students to begin supervised field experience. Application form required. Offered fall, spring.

PSY 576 INDIVIDUAL PERSONALITY TESTING (4 Hrs.)

Administration, interpretation, and reporting results of major projective tests of personality. Rorschach, Thematic Apperception Test, and Bender-Gestalt are stressed. Application form required. Prerequisites: PSY 408 or HDC 475, PSY 352, PSY 344, PSY 574.

PSY 577 OBJECTIVE PERSONALITY ASSESSMENT (4 Hrs.)

Theory, construction, administration, scoring, interpretation of objective personality assessment instruments. Includes Minnesota Multiphasic Personality Inventory, Edwards Personal Preference Schedule, 16-PF, and California Personality Inventory.

PSY 578 PSYCHOLOGICAL TEST INTERPRETATION (4 Hrs.)

Seminar-type course in the interpretation of psychological test data. Students must have completed courses in intelligence and projective techniques. Prerequisites: PSY 575 or PSY 574 and PSY 576. Offered spring, summer.

PSY 580 PRACTICUM IN CLINICAL PSYCHOLOGY (4 Hrs.)

Community placement for experiential learning of clinical skills: 52-weeks commitment of 16-20 hours per week at an agency arranged through Psychology Program. Training



within existing employment setting may be approved; maximum 4 semester hours. Application form required. Prerequisites: PSY 553, PSY 551, and PSY 575. Offered fall, spring, summer. May be repeated for maximum of 12 hours.

PSY 581 PSYCHOLOGY COLLOQUIUM (2 or 4 Hrs.)

Student research into particular topics in the field of psychology, emphasizing manner in which particular problem is being pursued.

PSY 582 THEORIES OF MOTIVATION (4 Hrs.)

Analysis of representative theories, with emphasis on major concepts and assumptions.

PSY 583 PROFESSIONAL ISSUES IN PSYCHOLOGY (4 Hrs.)

Study of information needed for making ethical and legal decisions in various areas of psychology: clinical psychology, human and animal research, etc.

PSY 590 INTERNSHIP IN CLINICAL PSYCHOLOGY (4 Hrs.)

Intensive, full-time experience in clinical setting which comes at end of clinical psychology master's sequence. Experience optional, and additional to requirements for clinical psychology master's degree. Maximum of 12 semester hours may be earned.

PSY 599 M.A. PROJECT (4 Hrs.)

Individualized intensive project which completes the student's M.A. training. Experimental, applied, or result of intensive bibliographic library efforts, tailored to the student's needs. Offered fall, spring, summer.

The following courses offered elsewhere in the university are approved for cross-listing by the Psychology Program.

- BIO 468 Ethology (Animal Behavior)
- HDC 413 Behavior Modification
- HDC 556 Career Counseling
- HDC 475 Psychological Tests and Measurements
- HDC 513 Behavior Therapy
- MSU 401 Applied Statistics I
- PHI 438 Philosophical Problems in Psychology
- SOA 461 Social Psychology

Public Affairs Reporting

M.A.
(40 Hrs.)

PROGRAM FACULTY — Bill Miller.

The Public Affairs Reporting Program leads to a Master of Arts degree. Designed for the student who wishes to specialize in news coverage of governmental affairs, it both gives the practical experience necessary to do an effective job and encourages an in-depth academic look at many areas upon which careers in the news field will touch. The aim of the program is to bring a mixture of backgrounds to bear upon the reporting task.

ENTRANCE REQUIREMENTS

The program is open only to graduate students. A background in journalism is not absolutely necessary, but is advisable. Interested students

must apply to the director of the program for consideration for entrance. Application forms, available from the director, must be completed and submitted by April 1 to be considered for the Fall Semester.

DEGREE REQUIREMENTS

In the Fall Semester, students take two required courses: Mass Media and Modern Society (eight hours' credit) and Public Affairs Reporting (two hours' credit). Several other courses related to the field of public affairs are taken to complete a full-time course load.

During the second semester, students begin an internship with a seasoned journalist covering state government and the Illinois General Assembly. This internship (10 hours' credit) includes a weekly seminar. Students receive a monthly stipend during the six-months internship. Another course required of all students is Legislative Issues (two hours' credit). Students may also register for a Public Affairs Colloquium and for other elective courses to fulfill their academic requirements. During the



first Summer Session (four weeks) and part of the second Summer Session (until July 1), students participate in the second phase of the internship (six hours' credit). PAR students are required to demonstrate their problem-solving capabilities by completing an exercise either during the internship or immediately thereafter. After completion of 40 hours of course work, the student is eligible for the Master of Arts degree in Public Affairs Reporting.

PUBLIC AFFAIRS REPORTING/Course Descriptions

PAR 501 PUBLIC AFFAIRS REPORTING I

(2 Hrs.)

Practical writing experience combined with study of problems confronted by government

and society. In-class as well as outside "deadline" writing assignments given to sharpen journalistic skills. Prerequisite: admission to PAR program.

PAR 502 MASS MEDIA AND MODERN SOCIETY (8 Hrs.)

Study of mass media relating to structure, control, and economics; technology; social change, language; relation to government. Emphasis on law-making process; budget-making; state government operation. Guest lecturers assist in the course, under supervision of program director. Prerequisite: admission to PAR program.

PAR 503 LEGISLATIVE ISSUES (2 Hrs.)

In-depth study of major issues before Illinois General Assembly. Offered during Spring Semester. Prerequisite: admission to PAR program.

PAR 504 INTERNSHIP I (10 Hrs.)

Practical experience in the reporting field. Each student is assigned to work full time with an experienced journalist at the State Capitol. Student receives monthly stipend. Weekly seminar. Prerequisite: admission to PAR program.

PAR 505 INTERNSHIP II (6 Hrs.)

Continuation of PAR 504 only more intense, in conjunction with the windup of the legislative session. Work supervised by program director. Prerequisite: admission to PAR program.

PAR 511 PUBLIC AFFAIRS REPORTING II (2 Hrs.)

Optional course, with heavy emphasis on news writing, offered during Fall Semester. Designed primarily for students with little or no journalism background. Prerequisite: admission to PAR program.

To fulfill degree requirements, students with their adviser's approval may select graduate courses among the university's course offerings.

Social Justice Professions

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Clemens Bartollas, Sidney C. Burrell, Robert M. Crane, Frank Kopecky, Norman Langhoff, S. Burkett Milner, Gary A. Storm.

ADJUNCT FACULTY — Robert Burdine, Paul G. Goldman, Lynn Thorkildson.

The Social Justice Professions Program blends the liberal arts with career development for persons and agencies whose functions are the delivery of justice in fields of Human Services: corrections, juvenile delinquency, children and family services; Protective Services: law enforcement, police, security, investigations, planning, researching, evaluation, managing and administering; and Legal Studies: law for professionals and paraprofessionals, including particular aspects of public and human services law and courts services.

The program is designed for persons already employed in the social and criminal justice system and subsystems in order to assist them in upgrading their own services, and to enlist new preservice persons as the job market needs indicate. The main purpose of the program is to prepare

high-quality, dedicated public servants who can work in a variety of roles within social justice professions.

Students are encouraged to apply who have the A.A. or A.A.S. degree from an Illinois community college, have transfer credits of two years or more from a senior college or university, or have taken and successfully passed the College Level Examination Program (CLEP) qualifying them to enroll with junior-level standing.

Students should be prepared to accept fully the responsibility for their own learning, taking that which is taught, assimilating it, and applying it to the field of work. The fact that the educational processes are varied and that didactic or straight lecture and/or presentation is but one approach is critical for students to know and to understand, especially those students who have responded frequently to a training style of teaching-learning that requires little or no critical thinking and/or analytical processing.

THE BACHELOR'S DEGREE

The Bachelor of Arts in Social Justice Professions requires 60 semester hours distributed as follows:

Core courses	20 hours
Area of concentration	20 hours
University requirements:	
Public Affairs Colloquia	6-8 hours
Applied Study Term	8 hours
Electives	4-6 hours

Work in the core courses is distributed as follows, with the required number of hours indicated.

Philosophy of Justice (four hours required)

PHI 461 Law, Justice, and Morality2 hours
and	
PHI 462 Freedom, Justice, and the Person2 hours

Social Justice Systems

SJP 403 Social and Criminal Justice: System? Non-system? Subsystem?	4 hours
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Social Justice Cultural Perspectives

SJP 405 Cultures, Individuals, and Society	4 hours
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American Political Processes (four hours required)

SJP 407 American Political Processes: Politics and Social and Criminal Justice Personnel and Practices	4 hours
POS 451 Legislative Politics	4 hours
ECO 486 Social Policy	4 hours

Concepts of Constitutional and Criminal Law (four hours required)

SJP 463 Concepts of Constitutional and Criminal Law and Justice	4 hours
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SJP	464	American Constitution: Criminal Law and Civil Liberties	4 hours
POS	478	American Constitution: Its Past and Future	4 hours
<i>Applied Research/Problem-Solving</i> (four hours required)			
SJP	440	Applied Research in Social Justice*	4 hours
SJP	480	Seminar in Social/Criminal Justice Planning	4 hours
SJP	482	Seminar on Crime Analysis Techniques	4 hours
*This course required of all M.A. students regardless of concentration or an equivalency or proficiency or exception by the faculty.			
<i>Human Services</i> area of concentration			20 hours
SJP	408	Society, Crime, and the Criminal	4 hours
SJP	423	Perspectives on Adolescents and Adults: The Continuum of Personalities	4 hours
SJP	424	Problems of Intervention: Law Enforcement and the Human Services	4 hours
SJP	425	Who Should Care for Children and Families and How, During Times of Stress?	4 hours
SJP	431	Alternatives to Prisons: Probation and Parole, Work and Education Release, Halfway Houses and Group Homes	4 hours
SJP	432	Communities and the Ex-Offenders of the Law	4 hours
SJP	433	Social Services Programs: Public Aid and Poverty Relief	4 hours
SJP	441	Contemporary Issues, Problems, and Practices in Social and Criminal Justice	4 hours
SJP	470	Special Topics	2 or 4 hours
<i>Law Enforcement</i> area of concentration			20 hours
SJP	408	Society, Crime, and the Criminal	4 hours
SJP	409	Justice and the Legal Processes	4 hours
SJP	423	Perspectives on Adolescents and Adults: The Continuum of Personalities	4 hours
SJP	424	Problems of Intervention: Law Enforcement and the Human Services	4 hours
SJP	440	Applied Research in Social Justice	4 hours
SJP	441	Contemporary Issues, Problems, and Practices in Social and Criminal Justice	4 hours
SJP	442	Functional Aspects of Law Enforcement	4 hours
SJP	451	Policy for Criminal Investigation	4 hours
SJP	455	Security Administration	4 hours
SJP	470	Special Topics	4 hours

The central aims of the Social Justice Professions Program are to assist students who have clear perceptions of their own educational needs and wish to implement them with extended work in some aspects of the field; to assist students who have some experience in the field to develop additional specific competencies for extended work in some aspects of the field; to assist students new to the field to gain some experience and some

specific competencies for beginning work. These aims can be realized with a flexible program structure and an attitude among both students and faculty that reflect the main goal of the Social Justice Professions Program: to develop B.A. and M.A. graduates sensitive and competent in specific areas of knowledge and practice, imbued with the values of continuing learning, growing, and changing as new knowledge and understandings accrue.

THE MASTER'S DEGREE

The Master of Arts in Social Justice Professions can be designed in a number of ways within the following parameters. There are 40 semester hours required, distributed as follows.

Core Courses — 20 hours. (Note: An M.A. student may submit evidence of competencies in each course of the 20-semester-hours core or, by request to the faculty of the program, can be examined for such equivalencies as he or she designates. Based upon the findings, the student and the program adviser will select other courses related to the field and to the goal of extending student competencies.)

Areas of concentration — Human Services, Law Enforcement, Administration, Legal Studies — 20 hours. (Note: An M.A. student may submit evidence of competencies in each course of the 20 semester hours in area of concentration or, by request to the faculty of the program, can be examined for such equivalencies as he or she designates. Based upon the findings, the student and the program adviser will select other courses related to the specific concentration and to the goal of extending student competencies.)

Human Services - SJP 408, 423, 424, 425, 431, 432, 433, 441, 470.

Law Enforcement - SJP 408, 409, 423, 424, 440, 441, 442, 451, 455, 470.

Administration-Three courses from the Public Administration Program and one other course in SJP.

Legal Studies - SJP 501, 502, 503, 504, and four courses from the following: SJP 511-516 and 521-524.

University requirement:

Public Affairs Colloquium - 4 hours.

Expectations for M.A. Students. An M.A. student in SJP is expected:

1. To do additional work for a class in which both M.A. and B.A. credit can be assigned.
2. To perform at a high level in both written and oral work, properly documenting references to research and literature, and to demonstrate competence in making presentations before lay and professional groups.
3. To perform basic applied research and to know good procedures for problem-solving, evaluation, decision-making, and social planning.
4. To further qualify himself or herself for graduation by satisfactorily completing the Problem-Solving Exercise and/or by submitting an acceptable thesis to the Graduation Committee and

program faculty. A Field Experience (four semester hours maximum credit earned) will be assigned to M.A. students with no prior experience or to those requesting it who are changing areas of concentration.

Thesis Option. M.A. candidates in consultation with program faculty may choose to develop a thesis option of eight hours' credit substituting for courses in either the core or area of concentration if their competencies, equivalencies, and/or proficiencies indicate. Such request is to be accompanied by a Thesis Prospectus, submitted during the first semester of registration.

Applied Study Term. For students at the M.A. level who have not had any work experience in social justice professions, an attempt will be made to design an Applied Study Term in conjunction with the M.A. Thesis Prospectus.

Transfer Credits. Up to 12 semester hours of related graduate-level work may be applied toward the degree, given evidence on the student's part of adequate competencies, equivalencies, and/or proficiencies.

Tutorial Credits. Since many interested students will be on jobs full time, tutorial course work will be designed to enable them to meet requirements of the core and/or area of concentration, as well as to help them individualize or personalize their own ideas within the program's framework and priorities. Modules of two or four hours of credit will be designed. Either the student designs a Tutorial Proposal to present to the faculty for approval or the faculty will have prepared Tutorial Designs for given subjects and competency areas. Students may register for SJP 490, SJP 499, and/or SJP 524.

SOCIAL JUSTICE PROFESSIONS/ Course Descriptions

CORE COURSES

The courses suggested for the core are required of all students except in specific cases where equivalencies are approved by the program faculty adviser.

Philosophy of Justice

PHI 461 LAW, JUSTICE, AND MORALITY (2 Hrs.)

The nature of law, justice, and morality and their interactions. Special attention is given to the basis of individual rights, problems of unjust laws, relation of means and ends, issues involving maximization vs. distribution of values.

and

PHI 462 FREEDOM, JUSTICE, AND THE PERSON (2 Hrs.)

Human nature and the place of justice in human development; special attention to interactions of freedom, compassion, and justice.

Social Justice Systems

SJP 403 SOCIAL AND CRIMINAL JUSTICE: SYSTEM? NON-SYSTEM? SUBSYSTEM? (4 Hrs.)

Examination of various aspects of social and criminal justice, and the critical aspect of

coordinating human services, law enforcement, courts, probation, parole, corrections, public safety, and security. Issues and conflicts within and among social and criminal justice programs at local, state, and federal levels of government are explored in light of proposals for change.

Social Justice Cultural Perspectives

SJP 405 CULTURES, INDIVIDUALS, AND SOCIETY: SELF AND SYSTEMS RELATIONS (4 Hrs.)

Seminar exploring each student's own cultural set, his knowledge of himself, how he relates to others whose cultures and selves differ markedly, and the impact of such understandings on the social and criminal justice system.

American Political Processes

SJP 407 AMERICAN POLITICAL PROCESSES: POLITICS AND SOCIAL AND CRIMINAL JUSTICE PERSONNEL AND PRACTICES (4 Hrs.)

Attention to law-making as well as law-enforcing functions related to offenders and ex-offenders of the law, public safety, and security. Primary emphasis on how these are shaped by Illinois local and state government and political processes.

POS 453 BASIC ISSUES IN AMERICAN GOVERNMENT (4 Hrs.)

Examination and questioning of the structures and processes of contemporary American government as problem-solver, and the consequent issue of authority.

POS 412 UNDERSTANDING POLITICS (4 Hrs.)

Includes the nature of politics, extent to which scientific method is appropriate for study of politics, methods of political inquiry, exploration in political and social science, contemporary approaches to study of politics.

POS 451 LEGISLATIVE POLITICS (4 Hrs.)

Analysis of legislative decision-making in the state legislature and the United States Congress. Law-making process as a system involving interplay of competing personalities, interests, and actors. Special attention to the Illinois experience.

ECO 486 SOCIAL POLICY (4 Hrs.)

Survey course covering government health and welfare policy and programs with emphasis on the cultural and political setting in which social policy is made. Includes historical review of health and welfare policies and examination of economic, sociological, administrative, and political factors that operate.

Concepts of Constitutional and Criminal Law

SJP 463 CONCEPTS OF CONSTITUTIONAL AND CRIMINAL LAW AND JUSTICE (4 Hrs.)

Historical and analytical approach to recent cases and statutory amendments to create an understanding of law for layman or professional working in social and criminal justice fields. Emphasis is on the Illinois Constitution of 1970 and the Illinois Comprehensive Criminal Code.

SJP 464 THE AMERICAN CONSTITUTION: CRIMINAL LAW AND CIVIL LIBERTIES (4 Hrs.)

Exploration of the differences between civil rights on the one hand and human, social, and constitutional rights on the other; followed by examination of the rights of the accused guaranteed by the Fourth, Fifth, Sixth, Seventh, and Eighth Amendments and the First Amendment freedoms of speech, press, and assembly. See POS 477.

Applied Research/Problem-Solving

SJP 440 APPLIED RESEARCH IN SOCIAL JUSTICE (4 Hrs.)

Problem definition, proposal writing, designing studies, information gathering, and interpretation of results of findings. Attention to research design, sampling techniques, interviewing, questionnaire or survey instrumentation, content and statistical analysis.

and observation participation evaluation techniques. Maximum of 8 hours may be earned.

SJP 480 SEMINAR IN SOCIAL/CRIMINAL JUSTICE PLANNING (4 Hrs.)

Advanced seminar designed to increase student's skill in planning and research. Topics include: the planning process, grantsmanship, proposal writing, strategies for implementing innovative programs, and program evaluation. Maximum of eight hours may be earned.

HUMAN SERVICES CONCENTRATION

SJP 408 SOCIETY, CRIME, AND THE CRIMINAL (4 Hrs.)

Social, psychological, economic factors in criminal behavior; causation, prevention, and correction; the role of community agencies in crime formation and control.

**SJP 423 PERSPECTIVES ON ADOLESCENTS AND ADULTS:
THE CONTINUUM OF PERSONALITIES (4 Hrs.)**

Examination of human nature and activity at adolescent and adult levels by exploring personality traits and social conditionings that create psychosocial health-making envi-



ronments, and those that develop delinquency, deviance, human breakdown, law offending, and personality deficiencies.

**SJP 424 PROBLEMS OF INTERVENTION: LAW ENFORCEMENT
AND THE HUMAN SERVICES (4 Hrs.)**

Examination of interrelated roles and responsibilities of community members and social justice professionals in dealing with persons under stress. Helping agencies and their relationships in helping systems; intervention situations such as those involving marriage and family problems, alcoholism and suicide, child neglect and abuse, truancy, and advocacy of human rights.

**SJP 425 WHO SHOULD CARE FOR CHILDREN AND FAMILIES
AND HOW, DURING TIME OF STRESS? (4 Hrs.)**

Focus on children in their relationship to families, communities, and larger national societies. Study of nature of childhood and how it can be shaped and influenced — for good or ill — by adult beliefs, values, and behaviors. Examination of "child advocacy" and "child welfare," both theory and practice.

**SJP 431 ALTERNATIVES TO PRISONS: PROBATION AND
PAROLE, WORK AND EDUCATION RELEASE, AND
HALFWAY HOUSES AND GROUP HOMES (4 Hrs.)**

Intensive examination of probation, parole, and pardon systems; staffing and services; and potential for reforms. An attempt is made to design suggested new approaches and new practices for expanding community-based comprehensive human services and

alternatives to prisons — e.g., halfway houses, group homes, and work and education release.

SJP 432 COMMUNITIES AND THE EX-OFFENDERS OF THE LAW (4 Hrs.)

Past, present, and future trends, processes, and institutions, in corrections systems. For the most part, course is taught on site. Experts, practitioners, clients, residents, and inmates are called upon as resource persons. Particular attention is paid to public attitudes toward both the offender and ex-offender of laws.

SJP 433 SOCIAL SERVICES PROGRAMS: PUBLIC AID AND POVERTY RELIEF (4 Hrs.)

Socio-historical perspective on poverty and public aid programs: assumptions, approaches, goals, services, present practices, future directions; relationships to social justice and local, state, and federal programs.

SJP 441 CONTEMPORARY ISSUES, PROBLEMS, AND PRACTICES IN SOCIAL AND CRIMINAL JUSTICE (4 Hrs.)

Intensive examination of social problems involving "deviant" adolescents and adults, and responses to "labels" people use regarding them. Consideration is given to what types of behavior warrant the label "criminal" and what types of institution responses are successful in preventing or correcting such behavior.

SJP 470 SPECIAL TOPICS (2 to 4 Hrs.)

Intensive examination of selected issues within social justice professions. Topic to be examined announced each time course is offered. Students may repeat the course for unlimited number of hours, but same topic may not be repeated for credit.

LAW ENFORCEMENT CONCENTRATION

SJP 408 SOCIETY, CRIME, AND THE CRIMINAL (4 Hrs.)

Social, psychological, economic factors in criminal behavior; causation, prevention, and correction; the role of community agencies in crime formation and control.

SJP 409 JUSTICE, LAW, AND THE LEGAL PROCESS (4 Hrs.)

Intensive examination of criminal laws and particularly significant court cases. Emphasis is on administration of justice from arrest through arraignment, prosecution and defense, appeal, probation, sentencing, imprisonment, parole, and reintegration into the free society.

SJP 423 PERSPECTIVES ON ADOLESCENTS AND ADULTS: THE CONTINUUM OF PERSONALITIES (4 Hrs.)

Examination of human nature and activity at adolescent and adult levels by exploring personality traits and social conditionings that create psycho-social health-making environments, and those that develop delinquency, deviance, human breakdown, law offending, and personality deficiencies.

SJP 424 PROBLEMS OF INTERVENTION: LAW ENFORCEMENT AND THE HUMAN SERVICES (4 Hrs.)

Examination of interrelated roles and responsibilities of community members and social justice professionals in dealing with persons under stress. Helping agencies and their relationships in helping systems; intervention situations such as those involving marriage and family problems, alcoholism and suicide, child neglect and abuse, truancy, and advocacy of human rights.

SJP 440 APPLIED RESEARCH IN SOCIAL JUSTICE (4 Hrs.)

Problem definition, proposal writing, designing studies, information gathering, and interpretation of results of findings. Attention to research design, sampling techniques, interviewing, questionnaire or survey instrumentation, content and statistical analysis, and observation participation evaluation techniques. Maximum of 8 hours may be earned.

SJP 441 CONTEMPORARY ISSUES, PROBLEMS, AND PRACTICES IN SOCIAL AND CRIMINAL JUSTICE (4 Hrs.)

Intensive examination of social problems involving "deviant" adolescents and adults,

and responses to "labels" people use regarding them. Consideration is given to what types of behavior warrant the label "criminal" and what types of institution responses are successful in preventing or correcting such behavior.

SJP 442 FUNCTIONAL ASPECTS OF LAW ENFORCEMENT (4 Hrs.)

Review of purposes, organization, administrative processes, and services of law enforcement agencies. Personnel relations and negotiations, budget-making and fiscal management, planning and research, program and services development, community relations, traffic management, investigative practices, public safety.

SJP 451 POLICY FOR CRIMINAL INVESTIGATION (4 Hrs.)

Intensive examination of legal requirements, operational constraints, and considerations of effectiveness in investigative policy development, implementation, evaluation, and modification; case building, data collection, surveillance, intelligence, undercover operation, and security.

SJP 455 SECURITY ADMINISTRATION (4 Hrs.)

Development of security programs is stressed during a survey of principles, procedures, and techniques employed by the protective services practitioner. Includes historical, philosophical, and managerial considerations of the field; industrial, commercial, and governmental models.

SJP 470 SPECIAL TOPICS (2 or 4 Hrs.)

Intensive examination of selected issues within social justice professions. Topics to be examined are announced each time course is offered. May be repeated for an indefinite number of hours.

TUTORIAL OR INDEPENDENT STUDY CREDITS

SJP 490 CURRENT PROBLEMS AND RESEARCH IN SOCIAL JUSTICE PROFESSIONS (4 Hrs.)

Independent study, structured readings, or research in fields of human services, law enforcement, legal studies, and administration of justice. Maximum of 8 hours may be earned.

SJP 499 TUTORIAL IN SOCIAL JUSTICE PROFESSIONS (4 Hrs.)

Maximum of 8 hours may be earned.

SJP 524 SPECIAL PROBLEM(S) RESEARCH IN SOCIAL JUSTICE: LAW IN AMERICAN SOCIETY (4 Hrs.)

Applied research techniques, short-range and long-range planning, program design, and evaluation methodologies. Each M.A. candidate selects or is assigned a special problem for research, and presents the results to the faculty for review and approval prior to graduation.

SJP 500 THESIS (4 to 8 Hrs.)

LEGAL STUDIES OPTION

Basic Courses

SJP 501 JURISPRUDENCE (4 Hrs.)

Introduction to history and philosophy of justice, law, and legal institutions. Emphasizes origins, purposes, and practices of legal institutions and their application in theory and in practice to the "public good."

SJP 502 LAW AND SOCIAL CONTROL (4 Hrs.)

The concept of law as a means of controlling the activities of the individual and the state. Emphasis on law of contracts, property torts, and individual privacy. Law studied as a social phenomenon reflecting values of society.

SJP 503 HUMAN ADVOCACY: JUSTICE, LAW, AND LEGAL PROCESSES (4 Hrs.)

Focus on persons in the trial courts and their functions: defendants and defenders, police

and probation officers, prosecutors, judges, and lawyers. Court procedures, the advocate role, and its limitations and benefits are examined.

SJP 504 LAW AND DECISION-MAKING PROCESSES (4 Hrs.)

Concentration on the doctrine of separation of powers and relationship of the judiciary to the legislative and executive branches of government. The role of courts in society, precedent, and legal reasoning are explored.

Specific Area Courses

SJP 511 ADVANCED CRIMINAL LAW (2 Hrs.)

In-depth study of particular aspects of advanced criminal law; emphasis on recent court cases; victimless crimes; Illinois Criminal Code; new directions in criminal law, legal practices, and prosecution; defense tactics; and practices of plea bargaining, immunity, and sentencing. Each is observed in actual practice.

SJP 512 CORRECTIONS LAW (2 Hrs.)

Historical and current cases involving inmate crimes and/or malpractices with inmates. Prisoner rights, corrections staff rights, emerging trends are examined from recent court cases. Advocacy of institutional reforms, shortening stays in prison for inmates with lesser offenses, and speeding up trials for criminals and processing of convicted inmates are studied.

SJP 513 LAWS AND CHILDREN, YOUTH, AND JUVENILE OFFENDERS (2 Hrs.)

Laws and legal practices governing children and youth, in particular those from poor families who need assistance, wards of the courts, and juvenile offenders. Rights of children and youth services available to them, institutional practices, and laws governing these. Close direct observations of systems and practices with children and youth, both nonoffenders and offenders of laws.

SJP 514 WELFARE LAW: LAWS AND THE POOR (2 Hrs.)

Historical and philosophical bases of welfare law and ways laws affect the poor. In-depth analysis of Illinois welfare law and practice provides basis for exploration of alternatives toward the goal of building a model system for the nation.

SJP 515 PUBLIC HOUSING LAW (2 Hrs.)

Styles of life within public housing programs, laws and legal practices affecting this area, exigencies that prevail, as well as possibilities for future improvements. Includes direct observation in study of landlord and tenant laws and relationships, and some direct work with public housing projects and programs.

SJP 516 CONSUMER LAW (2 Hrs.)

Study and analysis of laws which protect the consumer. Explores issues such as truth-in-lending, credit reporting, repossession, and holders in due course. The role of regulatory agencies and consumer class-action suits are studied.

Seminars

SJP 521 LIMITS OF SOCIETAL GROWTH/PROGRESS AND EFFECTS ON LAWS AND OFFENDERS: A PLANNING SEMINAR (2 Hrs.)

Questions concerning a highly competitive, technologically advanced society and its relationship to environmental laws, offenses, and/or social controls. Explores the future and anticipates new problems and new pressures for reform in laws and enforcement practices.

SJP 522 LAW AND SOCIAL JUSTICE: CURRENT AND FUTURE ISSUES (4 Hrs.)

Public safety and private security, transportation and traffic problems, computers and invasion of privacy, biomedical laws, forensic health, population, law reform, human rights, building codes, and land usage.

SJP 523 SOCIAL JUSTICE PROFESSIONALS: LEGAL LIMITS IN CLIENT-CENTERED AND/OR ALLEGED-OFFENDER RELATIONS (2 Hrs.)

Legal limits within which SJP personnel give client services; their liabilities under the



laws; and their rights or protections within the agency, department, or system. Experts from professional areas participate.

**SJP 524 SPECIAL PROBLEM(S) RESEARCH IN SOCIAL JUSTICE:
LAW IN AMERICAN SOCIETY (4 Hrs.)**

Applied research techniques, short-range and long-range planning, program design, and evaluation methodologies. Each M.A. candidate selects or is assigned a Special Problem for research, and presents the results to the faculty for review and approval prior to graduation.

The following courses offered elsewhere in the university are approved for cross-listing by the Social Justice Professions Program.

- ADB 401 Organizational Dynamics
- ADB 452 Labor Management Relations
- ADG 551 Human Resource Management
- ADP 431 Public Budgeting
- ADP 441 Public Policy Analysis
- ADP 451 Public Personnel Administration
- ADP 452 Collective Bargaining in Public Employment
- ADP 553 Organization Change and Development
- ADP 556 Leadership Theory
- POS 451 Legislative Politics
- POS 452 Politics of State Government
- POS 457 Governing the Police
- POS 478 American Constitution: Its Past and Future
- SOA 321 Juvenile Delinquency

Sociology / Anthropology

B.A.
(60 Hrs.)

M.A.
(40 Hrs.)

PROGRAM FACULTY — Austin J. Carley, Dennis C. Foss, Mary Hotvedt, Dan Johnson, Proshanta K. Nandi, Michael D. Quam, Regan G. Smith, Robert J. Thorsen, Jerry Wade.

ADJUNCT FACULTY — Joyce Foss, Marvin Kay.

The Sociology/Anthropology Program at Sangamon State is designed to foster the intellectual development of students while providing them with sociological/anthropological insights into issues and problems relevant to an educated understanding of today's world. The student who

chooses sociology/anthropology as a major is encouraged to develop the following competencies: the ability to perform an independent inquiry into the nature of society or a segment of it; familiarity with available research methods; appreciation of the nature and role of theory and of theorists within the traditions of sociology and anthropology; a knowledge of the actual and potential uses of work in this area, both within and outside of existing political, economic, and social structures; and a concern for the ethics of sociological/anthropological inquiry and reporting.

Students entering the program take a core of courses which offer a perspective common to the disciplines of sociology and anthropology; in addition, they are given the opportunity to pursue their interests in either sociology or anthropology, depending upon their preference.

THE BACHELOR'S DEGREE

Students who seek the Bachelor of Arts degree in sociology/anthropology must have had freshman or sophomore introductory-level courses in both sociology and anthropology. Within the program they must complete one course each in sociological/anthropological theory and research methods. The core of eight semester hours, plus 20 hours of electives, constitutes specific program requirements. In addition, all students must meet other universitywide requirements. By graduation the student should be able to demonstrate a working knowledge of the fundamental understandings of sociology/anthropology as applied to everyday life. Each student is strongly urged to choose an adviser in the Sociology/Anthropology Program as early as possible in the student's course work (preferably by the end of the first term of study).

Requirements for the B.A. in sociology/anthropology are as follows. These are areas of knowledge rather than course titles. Several courses may qualify within a knowledge area.

Knowledge Areas

Introductory sociology and introductory anthropology*	
Sociology/anthropology theory (SOA 401-410)	4 hours
Research methods in the social sciences (SOA 411, SOA 412)	4 hours
Sociology/anthropology electives (Maximum: 8 hours of cross-listed courses)	20 hours
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Total sociology/anthropology	28 hours
Public Affairs Colloquia	6 hours
Applied Study	8 hours
Free electives	18 hours
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TOTAL	60 hours

**If a student has not had an introductory course in sociology and anthropology prior to enrollment, SOA 301 and SOA 385 taken during the initial semester will fulfill this requirement. Both of these courses are also recommended for the student who has been away from the discipline for some time and feels the need for some background renewal.*

THE MASTER'S DEGREE

The sociological/anthropological concentration leading to the Master of Arts degree develops a substantive grasp of the discipline and its application towards the educational and vocational interests of the students.

Application for entry into the graduate concentration must be accepted and approved by the program. Information and application forms are available from the program coordinator.

It is anticipated that beginning graduate students will have completed one course in sociology/anthropology theory and one course in research methods in their undergraduate studies. Transfer students may bring up to eight hours of graduate credit with them, subject to the approval of the university and the program.

After completion of the first three sociology/anthropology courses at Sangamon State, an M.A. student must have his or her graduate standing reviewed by a graduate committee of the student's choice. This committee shall be composed of the student's adviser and two other faculty members, all of whom must be sociology/anthropology faculty members. Review by this committee must occur before the student may continue graduate studies in the program.

A student is advanced to candidacy for the M.A. degree and may apply for a Problem-Solving Exercise when the program is satisfied that both university and program requirements have been met.

Requirements for the M.A. in sociology/anthropology are as follows:

Advanced theory (SOA 505)	4 hours
Advanced research methods (SOA 511)	4 hours
Core area electives (minimum of two courses: one from each of two areas; one course to be SOA 500 level)	8 hours
Social psychology/culture and personality (SOA 461-470, 561)	
Social organization (SOA 431-439, 531)	
Demography, human ecology (SOA 441-443)	
Ethnology, archaeology (SOA 486)	
Electives in sociology/anthropology (Maximum: 8 hours of cross-listed courses)	20 hours
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Total sociology/anthropology	36 hours
Public Affairs Colloquium	4 hours
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TOTAL	40 hours

SOCIOLOGY/ANTHROPOLOGY/Course Descriptions

SOA 301 SOCIAL CONCEPTS IN PRACTICAL SOCIOLOGY (4 Hrs.)

Experiential approach to understanding major sociological concepts, through observations, films, daily papers, magazines, and short novels. Uses sociological perspectives of functionalism, conflict, and symbolic interaction.

- SOA 306 SOCIAL SYSTEMS (4 Hrs.)**
Course has several congruent purposes: understanding of "social system" as an organizational concept, practical application of a social systems analytic model, more experience with variables and operational definitions.
- SOA 321 JUVENILE DELINQUENCY (4 Hrs.)**
Exploration of theoretical explanations of juvenile delinquency, with critical view of their value to the field, followed by practical and analytical view of juvenile justice system in operation, with a life's-eye view of what it means to be a delinquent.
- SOA 351 SOCIOLOGICAL PERSPECTIVES ON THE FAMILY (4 Hrs.)**
Current research and theory on American families, in context of historical, cross-cultural, and subcultural variations in family forms. Issues such as mate selection, marital conflict and power, violence, isolation, alternative contemporary forms, childhood and parenthood, etc.
- SOA 365 SOCIOLOGY OF BEHAVIOR MODIFICATION (4 Hrs.)**
Examination and comparison of Skinner's behaviorism and Homan's exchange perspective. Practical application within a sociological frame of reference is emphasized.
- SOA 385 CULTURAL ANTHROPOLOGY (4 Hrs.)**
Current emphases in anthropology and some contemporary and future problems to be confronted. Presents a personal human perspective on cultures and subcultures other than our own.
- SOA 405 DISCOVERY OF SOCIAL THEORISTS (4 Hrs.)**
In-depth study of some major classical social theorists (Marx, Weber, Durkheim, Simmel, and Veblen) through their stands on major social issues. Includes role of values in studying society; relationship between individual and society; free-will vs. determinism; static vs. dynamic models of society; and how best to arrive at knowledge of society. See WCS 405.
- SOA 408 MODERN THEORIES IN ANTHROPOLOGY (4 Hrs.)**
Examination of several current and influential theories developing in or applying to anthropology: for example, structuralism, cybernetics, cultural materialism, and Marxism. Some previous background in anthropology recommended.
- SOA 411 INTRODUCTION TO SOCIAL RESEARCH METHODS (4 Hrs.)**
First-hand experience carrying out small-scale research projects in areas of personal interest. Ethics in social research, formulating research questions, survey and experimental design, interviewing, sampling, direct observation, content analysis, evaluation research, and critiques of social science methods.
- SOA 412 RESEARCH METHODS PRACTICUM (4 Hrs.)**
Design and implementation of a research project in the Springfield community; sampling, data gathering, data processing, analyses, interpretation, and reporting of the project.
- SOA 416 VALUES, SOCIAL RESEARCH, AND PUBLIC POLICY (4 Hrs.)**
Current theories and strategies of development/modernization in light of some of their results to date: goals of development/modernization programs and policies, means chosen, who makes these decisions, how social research contributes to these decisions, how it should contribute.
- SOA 421 CRIMINOLOGY (4 Hrs.)**
Classical and modern theories of crime; exploration of the justice system; evaluation of treatment of offenders. All elements of criminology are viewed with criticality.
- SOA 423 SOCIOLOGY OF BEING DIFFERENT:
"DEVIANT BEHAVIOR" (4 Hrs.)**
In-depth look at issues in sociology of deviance and social control. Topics such as suicide, mental illness, occupational deviance, and societal capacity to handle deviance. Contending theories of deviant behavior are analyzed.
- SOA 431 SOCIAL ORGANIZATION (4 Hrs.)**
Organizations — formal and informal; social organization and crowd; concepts: roles,



norms, structure; methodology for studying organizational behavior; theories of organization — critical evaluation; alienation; organization vs. personality.

SOA 435 SOCIOLOGY OF OCCUPATIONS AND PROFESSIONS (4 Hrs.)

Professionalism as a characteristic of modern economic and industrial complexes; social and technological preconditions; occupation-profession continuum; attributes, barriers, and strategies; professional controls, professional ideology, and sociological theory; professionals and the socio-political environment.

SOA 439 SOCIOLOGY OF RELIGION (4 Hrs.)

Comprehensive study of the world's religions; their social sources, functions, and consequences. Relationship to economics, politics, morality, the law, and the family, as well as to art, science, and philosophy. Some attention to current trends, tensions, and movement in American religion; fundamentalism, secularism, cure religion, cultism, and ecumenism.

SOA 441 TECHNIQUES AND UTILIZATION OF DEMOGRAPHY (4 Hrs.)

Study of population variation and change, techniques of studying demographic data, and explanation of the social forces involved in population change.

SOA 447 SOCIOLOGY OF NATURAL RESOURCES (4 Hrs.)

Examination of the social meanings, role, and impact of nature and natural resources for human society and the effect of the nature of human society on natural resources and ecosystems. See ENP 421.

SOA 456 HUMAN SEXUALITY (4 Hrs.)

Exploration of knowledge and values toward issues of human sexuality with emphasis on sociological content, personal growth, and professional development. See CFC 456 and HDC 456.

SOA 457 THEORIES OF SEXUALITY (4 Hrs.)

Examination of theories of sexuality from the perspectives of ethology, ethnology, psychology, sociology, literature, and political criticism. Analysis includes authors such as: Ford and Beach, Freud, Reik, Reich, Masters and Johnson, Marcuse, and Greer. See WCS 412.

SOA 461 SOCIAL PSYCHOLOGY IN SOCIOLOGICAL PERSPECTIVES (4 Hrs.)

Brief statement of history of social psychology: problems of social psychology; socialization; role; perception; belief systems; stereotyping; group dynamics; issues in sociology of knowledge; theoretical orientations in social psychology; Symbolic Interaction — a framework for possible eclectic theory.

SOA 463 PROPAGANDA, THE MASS MEDIA, AND SOCIAL CONTROL (4 Hrs.)

Examination of propaganda and public opinion as dimensions of collective behavior; the

mass media as agents of social control; propaganda in rapid social change periods, election years, and time of crisis; advertising, behavior modification, agencies of social control.

SOA 464 COLLECTIVE BEHAVIOR (4 Hrs.)

Studies in mass behavior, social movements, and political actions. Special reference to mob, expressive crowd, panic, rumor, fashions and fad, public, audience and mass society, and social movements. Social-psychological explanations. Means of control.

SOA 466 SOCIOLOGY OF MENTAL ILLNESS (4 Hrs.)

Exploration of "mental illness" in a sociological perspective. Distribution (epidemiology) and causal (etiology) studies; ways society deals with "mentally ill," places people are detained, social organization of treatment and confinement for individuals, legal aspects; treatment strategies offering viable alternatives to present therapeutic structuring.

SOA 468 SOCIALIZATION (4 Hrs.)

Study of how we acquire culture, based on insights of G. H. Mead; focus on relational significance of "other" and "self," starting with a definition of man as "biosocial, role-taking, symbolizing, minding, self."

SOA 471 ETHNIC AND CULTURAL MINORITIES (4 Hrs.)

Overview of theory of minority group status and history of various minority groups in American experience. In-depth analysis of selected minority groups.

SOA 472 RACE: BIOLOGY AND SOCIETY (4 Hrs.)

Discussion of the bioanthropology of race and the political economy of racism. Several current issues as they reflect the realities of race or whether they are racist concerns of professionals.

SOA 473 STRATIFICATION: CLASS AND CULTURE IN THE USA (4 Hrs.)

Critical examination of various forms of social differentiation in US society; implications of each point of view. Theoretical/analytical and case-study materials used.

SOA 474 WORKING-CLASS AMERICANS (4 Hrs.)

Conditions of working-class life; problems confronting workers, families, communities; solutions they adopt; impact of rapid social change upon their lives. Discussion of working-class life, in order to understand its values and dilemmas.

SOA 475 POLITICAL SOCIOLOGY (4 Hrs.)

Major theoretical questions and basic categorization of elites as well as historical survey of social institutions which transmit political values from elites to the masses. Emphasis on inter-connections between political behavior and socialization.

SOA 476 URBAN AND SUBURBAN COMMUNITIES (4 Hrs.)

Past, present, and future social structures of urban and suburban communities: interplay of demographic, ecological, and cultural patterns; community social organization and social change; urban and suburban problems.

SOA 483 SOCIAL PROBLEMS OF THE DEVELOPING WORLD (4 Hrs.)

Study of the political economy of underdevelopment, with special emphasis on social stratification, the food and population crisis, conflicting world views, and the impact of super-powers on their less-developed neighbors.

SOA 484 COMMUNITY DEVELOPMENT IN THE THIRD WORLD (4 Hrs.)

Analysis of concept of community. Why two thirds of world is underdeveloped and efforts of the United Nations, US government, national governments, and voluntary agencies to bring about community development.

SOA 486 PEASANT SOCIETY (4 Hrs.)

Study of political economy of peasant society, internally and in relation to the larger world; conditions giving rise to peasantry; future prospects for peasant society; how peasants can help themselves to shape their future.

SOA 490 ISSUES IN SOCIOLOGY/ANTHROPOLOGY (4 Hrs.)

In-depth analysis of a major issue in sociology or anthropology; specific issue considered

varies each semester, dependent on student and faculty interests and availability of resources. May be repeated for an unlimited number of credit hours, but particular topic may not be repeated for credit.

SOA 500 INDEPENDENT STUDY (1-4 Hrs.)

Advanced reading and/or research in areas of sociology or anthropology that are either not covered by a course currently listed in the catalog, or that go beyond the material in a course currently listed. Course structure arranged by mutual agreement of student(s) and instructor.

SOA 505 ADVANCED SOCIOLOGICAL THEORY (4 Hrs.)

Inquiry into philosophical and ideological foundations of sociological theories. Approximately one third of the course deals with theory construction and verification. Seminar format. Prerequisite: SOA 405 or with permission of instructor.

SOA 511 ADVANCED RESEARCH METHODS (4 Hrs.)

In-depth inquiry into research design, analysis, and reporting. Special attention to application of social science methodology to public policy and evaluation research. Epistemological and ethical questions are considered. Prerequisites: SOA 411 or permission of instructor.

SOA 531 SEMINAR ON COMPLEX ORGANIZATION (4 Hrs.)

Directed library research on recent studies of complex/large-scale organizations. Concern is as much for subject-matter content of studies as for their theoretical and methodological implications. Prerequisite: SOA 431 or permission of instructor.

SOA 561 ADVANCED SOCIAL PSYCHOLOGY (4 Hrs.)

In-depth study of Symbolic Interactionism. Prerequisite: SOA 461 or permission of instructor.

The following courses offered elsewhere in the university are approved for cross-listing by the Sociology/Anthropology Program. Acceptance of courses other than these should be obtained in writing by the student through the student's adviser, and placed on file with the program coordinator.

- ADB 401 Organizational Dynamics
- ADP 477 The City
- ECO 409 Radical Political Economics
- ECO 411 The Economic and Philosophical Thought of Karl Marx
- ECO 423 Political Economy of Technological Change
- ENP 422 The Population Controversy
- ENP 423 Issues in Population: Policy and Action
- HSA 545 Medical Sociology
- MSU 401 Applied Statistics I
- PAR 502 Mass Media and Modern Society
- PHI 431 Philosophy of Science
- POS 431 Marxism, Leninism, Maoism
- POS 433 Maoism and Chinese Politics
- PSY 301 Quantitative Methods in the Behavioral Sciences: An Introduction
- PSY 501 Advanced Quantitative Methods
- WCS 422 Work Roles and Sex Role Liberation
- WCS 423 Women in Public and Private Power



Work/Culture/Society

B.A.
(60 Hrs.)

PROGRAM FACULTY — Mark Erenburg, Daryl Hohweiler, Mary Hotvedt, Michael Ayers, Robert B. Sipe.

Traditionally, disciplinary and professional studies approach the world by carving out specific territories for systematic examination. While those approaches have proven fruitful for the development of specialized knowledge, we believe there are other ways for college students to develop a critical understanding of social reality and the skills and vision to live within and to improve that reality.

Many jobs requiring a B.A. degree in the social sciences require a disciplinary specialization less than a general understanding of society and social processes and a capacity for systematic analysis and problem-solving. As an interdisciplinary social science concentration which focuses specifically on developing these qualities, WCS is applicable to a wide range of career pathways in both the public and the private sectors. Systematic analysis and problem-solving skills are crucial to success in management, planning, evaluation, negotiation, coordination, supervision, and synthesizing — with people, data, and things. In addition, the WCS Program provides realistic perspective for students who intend to continue with advanced work in specific social science disciplines. Flexibility for student course planning makes possible individualized study patterns suited for vocational or academic needs.

The WCS strategy for developing a critical understanding of social reality includes three major characteristics:

1. *Its primary focus is on the most universal and pervasive of human imperatives — work.* This focus requires a detailed investigation of: a) the nature of work in our society; b) the different forms of work which might be available (both for individuals to make a living and for societies to provide goods and services for citizens); and c) the consequences of present and possible alternative forms of work. We see the nature of work as a major factor influencing different societal structures and individual lives. The primary focus on work allows us to take an over-all yet careful approach to the “real world.” This emphasis also permits particular attention to the relationship between the “real world” and personal life, since work is the principal linkage between them.

2. *Its approach is one of critical inquiry.* Critical inquiry is an important basis for developing understanding and for facilitating self-education. Critical inquiry skills are fostered by: a) studying the empirical and value assumptions underlying contemporary belief systems; b) examining alternative concepts of scientific methodology; c) examining systems of thought which are critical of contemporary social structures and institutions; d) investigating the nature of social myths and ideologies; e)

studying societies comparatively; and, most importantly, f) looking at *what is* and asking if it could be *made better — and how*.

3. *Its emphasis is on the integration of theory with practice.* Most people, including most WCS students, do not have the option or the inclination to live as detached scientists or scholars. Our theories must be grounded in reality and, inescapably, must have implications for our actions. The application of theory to solving real problems is an important and integral part of the WCS Program, involving both systematic study of how theory is applied and actual practice in the form of supervised projects.

CURRICULUM

To combine critical theory with practical social action, the WCS curriculum is divided into three interdependent categories:

General Theory. Courses address general theoretical conceptions of work, culture, society, and the relationship among and between them.

Directed Theory. Courses focus on specific critiques and/or in-depth analyses of particular social phenomena.

Applications and Alternatives. Courses concern application of critical social theory to reality and development of skills necessary for facilitating personal and social change.

This curriculum structure guides student program planning and serves as a basis for curricular consistency. It is also used to identify other university courses which could be appropriate for WCS students (cross-listed courses) and to guide curriculum planning and evaluation, as well as to develop student performance measures.

B.A. REQUIREMENTS

All students must select and meet with an academic adviser from the WCS Program before the end of their first semester with the program. Students are encouraged to consult regularly with their advisers for program information, program planning assistance, and general advice. Students are required to enroll in the program's introductory seminar WCS 401 People at Work. Because students may enter the program from a variety of backgrounds and for a variety of personal reasons, this seminar and personal academic advising provide two distinct means for monitoring and adjusting individual patterns of study. Commitment from both faculty and students is required to keep these avenues open and responsive.

Within the WCS Program, students may select individual patterns of study from: 1) core (or regularly offered) courses, as listed in the current catalog; 2) noncore (or periodically offered) courses appearing in the schedule published each semester; and 3) cross-listed (offered elsewhere within the university) courses, as listed in the catalog and in the schedule. Course work from other programs may be used to satisfy other degree requirements.

Within the 24 credit hours of WCS course work required by the program and the university, students must:

1. Complete WCS 401 People at Work and WCS 409 Work/Culture/Society.
or
2. Satisfy the WCS standards committee that they have achieved the objectives of these courses (Means for demonstration of competency are arranged on an individual basis.).
and
3. Complete one course from each of the three categories described under "Curriculum," in addition to WCS 401 and WCS 409.

Students must also fulfill university requirements relating to Public Affairs Colloquia, Applied Study Term, constitution examination, Graduation Report, and Graduation Contract. Satisfactory completion of AST requires approval of the adviser prior to the beginning of the experience.

WORK, CULTURE, SOCIETY/Course Descriptions

GENERAL THEORY

WCS 401 PEOPLE AT WORK (4 Hrs.)

Investigation of problems of people at work by applying a variety of literary and social approaches. Emphasis on developing a critical studies method for problem-solving.

WCS 402 MARXISM AND CRITICAL THEORY (4 Hrs.)

Introduction to basic ideas and concepts in recent European Marxist philosophy and critical theory. Emphasis on the dialectic method and its use in the critical theory approach analyzing Western capitalism.

WCS 403 INSTITUTIONAL THEORY (4 Hrs.)

See course description for ECO 403.

WCS 404 POWER AND SOCIETY (4 Hrs.)

Examination of social aspects of power such as: exchange in interpersonal relations; world, national, and community power structures; economic and political means of power; sources, uses, and misuses of power.

WCS 405 DISCOVERY OF SOCIAL THEORISTS (4 Hrs.)

See course description for SOA 405.

WCS 406 WORK AND THE ECONOMY (4 Hrs.)

Review of and research on the development of motivations and ethics within various political economic systems, in both historical and cross-cultural contexts.

WCS 407 PSYCHO-SOCIAL PROCESSES (4 Hrs.)

Examination of social structure, social process, and effects of psycho-sexual social development on the individual. Explores basic theories of psycho-socialization and developments of new alternatives for a more liberatory psycho-social process.

WCS 409 WORK/CULTURE/SOCIETY (4 Hrs.)

Integration of disparate disciplinary and conceptual approaches to studying people and work. Provides a unified methodological, theoretical, and practical framework to consider what may be and what ought to be the relation between people and their work.

DIRECTED THEORY

- WCS 411 NEW PATHWAYS IN PSYCHOLOGY** (4 Hrs.)
Exploration of new pathways in psychology — existential psychology; primal therapy; logo therapy; bioenergetics; Rolfing, Gestalt, and encounter therapy; structural integration; psychosynthesis, etc. — and their relationship to the Freudian and behaviorial traditions.
- WCS 412 THEORIES OF SEXUALITY** (4 Hrs.)
Examination of theories of sexuality from the perspectives of ethology, ethnology, psychology, sociology, literature, and political criticism. Includes authors such as: Ford and Beach, Freud, Reik, Reich, Masters and Johnson, Marcuse, and Greer. See SOA 457.
- WCS 421 WORK AND ALIENATION** (4 Hrs.)
Investigation of relationships among and between: work satisfaction; elements of job; work place; and career notions such as autonomy, responsibility, and security. Analysis emphasizes organizational hierarchies; division of labor, concepts of efficiency; and social behavior.
- WCS 422 WORK ROLES AND SEX ROLE ANALYSIS** (4 Hrs.)
Examination of interrelationships between work roles (divisions of labor) and sex roles (divisions of "masculine" and "feminine" behavior).
- WCS 423 WOMEN IN PUBLIC AND PRIVATE POWER** (4 Hrs.)
Critical examination of anthropological and historical analyses of women's roles in domestic, economic, political, and religious systems. Biological and cultural evolution is discussed.
- WCS 431 WORK AND AGING** (4 Hrs.)
Investigation of problems of Americans older than 45. Emphasis on present and possible future psychological and socio-economic status of older workers; problems such as unemployment, job search, and job training. Seeks to develop policies in problem areas.
- WCS 432 WORK AND INCOME** (4 Hrs.)
Investigation of social, cultural, and economic implications of income distribution in free-enterprise society. Explores development and changing nature of work, work motivation, income, and status. Development of standards for judging merits of proposed changes and manipulations of work-income relationship.
- WCS 441 RADICAL SOCIAL AND POLITICAL THEORY** (4 Hrs.)
Examination of ideas and prophetic visions of Herbert Marcuse, Wilhelm Reich, and Marshall McLuhan as critics of the technocratic state. Examines validity of their critiques and alternative proposals for a radical reconstruction of social life.
- WCS 442 STRATEGIES FOR SOCIAL CHANGE** (4 Hrs.)
Consideration of goals, assumptions, and alternative strategies for bringing about



important social/political/economic changes. Reform vs. revolution; violence vs. non-violence; working within vs. working outside the system; and mass party, vanguard party, movement and insurrectionalist approaches.

WCS 451 WORK AND LEISURE (4 Hrs.)

Investigation of psychological, economic, and social aspects of leisure, and their relationship to work and life. Analyzes history and meaning of leisure and provides basis for projection of future trends.

WCS 452 WORK AND THE FUTURE (4 Hrs.)

Examination of future of work and work of the future. Emphasizes implications of both technological and social innovations and changes from sequential life stages to the intermingling of education, work, sabbatical, and retirement.

WCS 453 CROSS-CULTURAL ECONOMICS (4 Hrs.)

Examination of non-Western economic and social systems, including Russian and Chinese, with different degrees of technological complexity. Consideration of factors such as division of labor, work satisfaction, reward systems, corporate vs. individual effort, cooperation vs. competition.

APPLICATIONS AND ALTERNATIVES

WCS 460 WCS SPECIAL PROJECT (4 Hrs.)

Application of critical theory to a specific, timely problem area announced each time course is offered. May be repeated for indefinite number of credit hours but particular topic may not be repeated for credit.

WCS 461 ORGANIZING FOR SOCIAL CHANGE (4 Hrs.)

Application of skills for problem analysis and strategy planning and integration to a social/political action project chosen by students. Emphasizes integration of social change theories and practice.

WCS 462 WORK AND ITS ALTERNATIVES (4 Hrs.)

Investigation and development of employment and/or alternatives. Encourages examination of such alternatives as co-ops, communes, and homesteads. Focuses on self-employment and/or self-sufficiency. Provides forum for evaluation of existing or potential work situations.

WCS 463 WORKING WITHIN THE SYSTEM (4 Hrs.)

Introduction to nature and structure of public interest organization developments. Emphasis on development of targets and strategies for public interest issues. Includes development of a local public interest group focusing on a class-developed issue.

RELATED COURSES

The WCS Program accepts a variety of courses offered elsewhere in the university as an integral part of the WCS curriculum. Examples of courses cross-listed with WCS include:

- ADP 414 Culture and Bureaucracy
- ADP 415 Making Bureaucracy Accountable: An Activist Approach
- ECO 421 Capitalism and Socialism
- ECO 425 Labor Economics
- ECO 426 Manpower Economics
- HIS 427 The American Worker in the 20th Century
- HIS 431 New Interpretations in American History: Marxist Perspectives
- POS 439 Theories of Political Change
- POS 466 Political Socialization
- PSY 472 Introduction to Industrial Psychology
- SOA 385 Cultural Anthropology
- SOA 431 Social Organization
- SOA 435 Sociology of Occupations and Professions
- SOA 456 Human Sexuality
- SOA 473 Stratification: Class and Culture in the USA
- SOA 474 Working-Class Americans

Courses not listed may be taken with the approval of the student's adviser.

Special Sequences and Options

Although the university does not offer degree programs in the following areas, it does offer course sequences which are designed to meet the student's professional and personal needs. The sequences can be taken in addition to a concentration in another program or, with program approval, can be incorporated into the student's concentration. A student may also use these courses in designing an Individual Option.

Philosophy and Human Values

PROGRAM FACULTY — Ed Cell, Larry Shiner, Peter Wenz.

The goals of the Philosophy and Human Values sequence are to increase awareness of personal values and the major value conflicts in contemporary society, to develop understanding of the nature and limits of various forms of knowledge, and to offer experience in critical reflection on a major problem of knowledge or value in the student's area of concentration.

REQUIREMENTS FOR MINOR

An undergraduate student may elect the sequence or "minor" in Philosophy and Human Values to acquire training in critical thinking and skill in the analysis of values related to the student's chosen program concentration. Of the student's total 60 credit hours, 16 hours will be spent in the Philosophy and Human Values sequence. There are no specific course requirements since, through consultation with a faculty adviser teaching in the philosophy sequence, the student may select those courses most directly related to his or her major. Because they apply very broadly, however, the following set of courses will often recommend themselves: 301-302 (the Applied Logic — Ethics sequence); 425 (Method and Truth); 452 (Perspectives on Human Nature); 453 (Philosophy of the Person).

PHILOSOPHY AND HUMAN VALUES/ Course Descriptions

PHI 301 APPLIED LOGIC

(2 Hrs.)

Application of principles of logical analysis and argumentation. Special attention to common fallacies in informal reasoning, reasoning by analogy, jurisprudential reasoning, and logic and computers.

PHI 302 ETHICS**(2 Hrs.)**

Examination of the main ethical theories, and their practical application in various vocational and other situations. Special attention to the relation of means and ends, the role of moral rules, and relevance of consequences and of motivation.

PHI 421 PHILOSOPHIES OF THE EAST**(4 Hrs.)**

The world view and major concepts of Hinduism, Buddhism, and Taoism are considered through lectures and films. Discussion of selected texts from each of the traditions.

PHI 422 ORGANIZATIONAL ETHICS**(4 Hrs.)**

Introduction to study and understanding of the role of ethics in organizational behavior. Focus on cases from public and private sectors with a view toward development of individual ethical standards. Specific topics include conflict of interest, financial disclosure on the part of managers, and difference between legal and ethical behavior. See MAN 475.

PHI 425 METHOD AND TRUTH: DESCARTES TO NIETZSCHE**(4 Hrs.)**

Investigation of philosophical themes that undergird modern intellectual life through examination of some major philosophical works of the seminal modern philosophers.

PHI 426 CONTEMPORARY PHILOSOPHY**(4 Hrs.)**

Introduction to the dominant philosophical approaches of mid-20th century: phenome-



nology, existentialism, positivism, linguistic analysis, process philosophy. Emphasis on two or three representative thinkers such as Husserl, Heidegger, Sartre, Merleau-Ponty, Ayer, Wittgenstein, Austin, and Whitehead.

PHI 431 PHILOSOPHY OF SCIENCE**(4 Hrs.)**

Consideration of aims, methods, and limits of science. Includes the nature of "laws," models, theories, and explanations; role of empirical data; social and moral obligations of scientists; and use and abuse of science in policy decisions.

PHI 434 PHILOSOPHY OF LANGUAGE AND ART**(4 Hrs.)**

Examination of the nature of language and of art, their interrelationship, their place in human experience, and theories of linguistic and aesthetic meaning.

PHI 435 PHILOSOPHY OF RELIGION**(4 Hrs.)**

Examination of belief in God and naturalistic alternatives to this belief; reincarnation, resurrection, and other beliefs concerning a next life; the significance of ecstatic or peak experience; and the meaning of life.

PHI 436 PHILOSOPHY OF EDUCATION**(4 Hrs.)**

Critical examination of classic philosophic systems and their implications for educational theory and practice.

- PHI 437 MYTH, REALITY, AND HISTORY (4 Hrs.)**
Exploration of man's quest for meaning through historical action and historical writing, including differences between historical and nonhistorical ("primitive") peoples, visions of transcending the terror of history through myth and art, special characteristics of historical space and time, role of imagination and understanding in history.
- PHI 438 PHILOSOPHICAL PROBLEMS IN PSYCHOLOGY (4 Hrs.)**
Consideration of issues in psychology, the solution of which requires clarification of concepts and assumptions such as free will vs. determinism, relation of mind and brain, nature of consciousness, status of fact and theory, behaviorism vs. phenomenology, value bias in therapy.
- PHI 441 HUMAN SPACE, HUMAN TIME (4 Hrs.)**
Exploration of the human experience of time and space drawing on resources of psychology, literature, and philosophy.
- PHI 452 PERSPECTIVES ON HUMAN NATURE (4 Hrs.)**
Examination of what it means to be human. Consideration of classical philosophical and literary visions of human nature such as the Greek, Christian, Romantic, Marxist, along with contemporary contributions of biological and social sciences.
- PHI 453 PHILOSOPHY OF THE PERSON (4 Hrs.)**
Examination of what it means to be a person: nature of personal worth, rights, freedom and responsibility; conditions blocking or supporting personal growth; relation of vitality and order; nature of personal knowledge and interaction; reasoning about values; finding meaning in life.
- PHI 461 LAW, JUSTICE, AND MORALITY (2 Hrs.)**
Nature of law, justice, and morality and their interrelations. Special attention to the basis of individual rights, problem of unjust laws, relation of means and ends, issues involving maximization vs. distribution of value.
- PHI 462 FREEDOM, JUSTICE, AND THE PERSON (2 Hrs.)**
Human nature and the place of justice in human development; special attention to interrelations of freedom, compassion, and justice.
- PHI 470 READINGS IN THE GREAT PHILOSOPHERS (2 to 4 Hrs.)**
Guided reading in one or more of the great philosophers such as Plato, Aristotle, Aquinas, Descartes, Hume, Kant, Hegel, Marx, Nietzsche, Husserl, Whitehead, Wittgenstein. (A directed readings course.) May be repeated for indefinite number of credit hours, but particular topic may not be repeated for credit.
- PHI 480 READINGS IN MAJOR PHILOSOPHICAL ISSUES (4 Hrs.)**
Guided reading on one of the major philosophical issues such as determinism vs. free will, nature of moral judgments, relation of mind and body, nature of knowledge, existence of God. (A directed readings course.) May be repeated for indefinite number of credit hours, but particular topic may not be repeated for credit.

Teacher Education

PROGRAM FACULTY — Martha Atteberry, Gary Storm, Don Yohe.
ADJUNCT FACULTY — Kathryn Ransom.

Sangamon State University seeks to develop teachers who are liberally educated; open and innovative; able to assess contemporary issues in the light of past wisdom and follies; capable in re-evaluating the problems and processes of learning; and, most important, growing, learning persons themselves. These challenges are available in course work throughout the university and available to both experienced and pre-service teachers.

FOR EXPERIENCED TEACHERS

Experienced teachers may choose a major in several different areas, depending on the primary purpose of their education. Teachers in the secondary schools, for example, may choose to major in their teaching field. Teachers who are involved in administration or who believe that their future career orientation would suggest administrative roles should consider majoring in educational administration. Teachers who wish to specialize in the teaching/learning process should consider majoring in human development counseling. A listing of education-related course work is available from the admissions office or from a student's adviser. Prospective students are urged to work out their programs very carefully with their advisers in order to guarantee programs which are coherent and meet graduation requirements.

TEACHER PREPARATION

Teacher preparation at Sangamon State University is geared not only to those interested in entering the teaching profession but also to students with interests in the learning process, careers in educationally related agencies, or personal enrichment. The B.A. in teaching is an appropriate degree for many entry-level positions, both in industry and in the larger society.

TYPICAL CURRICULUM

Students entering Sangamon State in the Fall Semester generally begin the education sequence with TEP 311 School and Community. During the following Spring Semester, most students take TEP 312 School and Student. In addition, elementary teachers will take TEP 349 Basic Reading Methods. Students entering in the Spring Semester will reverse this order. The final semester in the professional sequence is an intensive 16-weeks learning experience combining TEP 431 or TEP 441 Teaching and Learning with TEP 450 Student Teaching. This course work is available to students only after they have successfully completed all other professional courses, and only those two courses may be taken during this semester.

Some students may qualify to waive professional education courses on the basis of prior academic work and experience. Waiver requests must be submitted in writing to the education coordinator before or during students' first semester of education course work.

ADMISSION PROCESS

All students seeking certification in either elementary or secondary education must file an application with the Teacher Preparation Sequence before enrollment in their second semester of education course work. Students may enroll in their first semester education course work without formal admission to the Teacher Preparation Sequence. During a student's first semester in the education sequence, a committee of education faculty

will review the application, former college record, and current course progress. In some cases, the committee may also request a personal interview with the student and evaluations from other Sangamon State faculty regarding the student's work. Enrollment in additional education courses is dependent on this review. In addition, a student's progress is evaluated throughout the Teacher Preparation Sequence.

ELEMENTARY EDUCATION

The elementary education sequence emphasizes preparation for teaching in the lower grade levels (usually K-5). Students preparing for elementary education careers are majors in the Child, Family, and Community Services Program. They must meet the core course requirements of that program. The emphasis of the CFC core is to prepare a person for skilled professional helping relationships. This combination, with the professional education courses, enables the student to be a sensitive, caring teacher, prepared to work with students individually as well as in the group setting.

SECONDARY EDUCATION

An emerging concern at Sangamon State is the preparation of secondary teachers who are able to relate to students with special personal or learning needs. Special schools and/or school programs are being developed for young people as communities recognize their legal obligation to serve *all* school-age youths. Sangamon State encourages the admission and development of prospective teachers who are sensitive to and skilled at meeting students' needs through helpful interpersonal relationships and through informed educational practices.



CERTIFICATION

On successful completion of the program and university baccalaureate degree requirements, students may be certified by the Illinois State Teacher Certification Board for a K-9 teaching certificate or a 6-12 teaching certificate. The State Teacher Certification Board has the sole authority for awarding or denying teacher certification. The Secondary Teacher Preparation Sequence (English, general and biological science, math, social

studies, and speech) and the Elementary Teacher Preparation Sequence were approved by the state Oct. 27, 1971, to be offered as entitlement programs for certification.

TEACHER EDUCATION/Course Descriptions

TEACHER PREPARATION REQUIREMENTS

TEP 311 SCHOOL AND COMMUNITY (4 Hrs.)

Study of problems facing the school in contemporary society, the school's impact on particular communities, and the educational process which engages the individual from birth to death. Working a minimum of six hours a week, mainly in social agencies, the student experiences the kinds of learning going on in the community and keeps a journal.

TEP 312 SCHOOL AND STUDENT (4 Hrs.)

Critical study of theories of learning and growth and development which contribute to understanding of the school-age child. Builds on student's background in general psychology, moves into learning and personality theory. Each student works six hours per week in an elementary or secondary school and keeps a journal.

TEP 349 BASIC READING METHODS (4 Hrs.)

Examination of ways in which pupils learn to read as well as means by which teachers can stimulate and enhance pupil's competency, interests, and attitudes.

TEP 431 TEACHING AND LEARNING: ELEMENTARY (4 Hrs.)

Study of individual teaching problems, including concepts, methods, and materials, with emphasis on teaching of language arts, mathematics, science, and social studies at the grade level which the student intends to teach. Instruction in use of audio-visual media. Practical experience as teacher's aide precedes the student-teaching experience.

TEP 441 TEACHING AND LEARNING: SECONDARY (4 Hrs.)

Study of individual teaching problems, including concepts, methods, and materials of secondary education, with particular emphasis on the student's teaching major. Students receive instruction in use of audio-visual media, gain experience as teacher aides, and keep journals of their field work.

TEP 450 STUDENT TEACHING (12 Hrs.)

Internship in the classroom under supervision of university faculty and a cooperating master teacher. Prospective teachers are required to keep a journal of their experiences, demonstrate evidence of their preparedness to teach, and attend scheduled seminars conducted by university faculty and resource persons.

ELECTIVES

TEP 435 MULTI-CULTURAL EDUCATION (2 Hrs.)

Inquiry into general and specific factors which necessitate public education's provision for differences among cultural backgrounds. Comparisons of informal education systems among different cultures and examination of how these might conflict with the formal education system of mainstream middle-class culture.

TEP 461 EDUCATION AND JUSTICE (4 Hrs.)

Examination of the possible inherent contradiction between utilitarian education — i.e., training useful for the established order — and education for social justice. Writings of major philosopher-educators — including Plato, John Dewey, and Paulo Freire, and studies by David Riesman and Christopher Jencks — are examined to study the relationship of education to justice.

TEP 462 COMPARATIVE EDUCATION (4 Hrs.)

Analysis of educational systems developed in the Western world, with particular emphasis on national cultures and characteristics. Particular consideration given to such issues as: Who is educated? For how long? To what end? Who gains? Who loses?

Women Studies

With the growth of the women's movement in American society, Sangamon State University has responded with a variety of course offerings taught by faculty members in many of the university's regular academic programs and coordinated by the Women Studies Committee. In conjunction with the Individual Option Program, students may also pursue a degree in Women Studies.

Public Affairs Centers

As the public affairs university in the Illinois state system of higher education, Sangamon State directs educational, research, and service efforts toward solution of public problems facing the state and its local communities. Emphasis is on a coordinated, interdisciplinary approach to problem-solving, training, and communication through the following centers and services: the Illinois Legislative Studies Center, the Center for Policy Studies and Program Evaluation, the Center for Study of Middle-Size Cities, the Legal Studies Center, and a continuing education program for women.

Each center and service program is charged to develop applied research and service activities which effectively address problems of state and local significance. Each unit has a small permanent core of faculty with joint appointments in the center and in an academic program. Specific projects draw additional staff from among the faculty who are temporarily attached to the unit; both groups of faculty members have teaching and other obligations during the period of their assignment to the project, which serves to bring their public affairs experience to the classroom. This system provides flexible staffing which matches relevant faculty expertise to public problems and helps to ensure maximum benefit from and for instructional programs.

ILLINOIS LEGISLATIVE STUDIES CENTER

This center coordinates university activities related to the Illinois General Assembly including experiential education, applied research, and public service. It also serves as the university support base for *Illinois Issues*, a monthly journal of state politics.

The Illinois Legislative Staff Internship Program, the Illinois Private Sector Internship Program, and the Applied Legislative Study Term are major educational components of the ILSC. The Legislative Staff Internship Program, which provides an opportunity for outstanding graduate students from throughout the state to serve with leadership or nonpartisan research agency staff for a period of nine and a half months beginning Oct. 1, is coordinated for the Illinois Legislative Council by the center. The Private Sector Program is also a nine-and-a-half-months graduate-level

experience, but interns are placed on legislative staffs of private associations which supply funding.

The Applied Legislative Study Term gives interested undergraduate students an opportunity to serve as staff aides to individual legislators while fulfilling their Applied Study Term requirement. The work segment is supplemented by a seminar which helps the student place the experience in broad academic perspective.

Applied research projects are generally directed toward questions of public policy or legislative processes and afford both students and faculty the opportunity to conduct research and study in the legislative setting.

Public service activities have included sponsorship of conferences and training sessions for legislators, legislative staff, and associated professionals.

The center publishes a monograph series which reports the research projects and conferences conducted under its auspices.

CENTER FOR POLICY STUDIES AND PROGRAM EVALUATION

The Center for Policy Studies and Program Evaluation focuses its applied research and service activities upon the executive departments and agencies of the state where policy, program, and administrative responsibilities for addressing public problems rest. Faculty affiliated with the center work on a wide range of projects including conferences and workshops for state government officials; preparation of handbooks, inventories, bibliographies, and applied research reports related to the capabilities of state agencies in a variety of critical areas; and experiential and classroom educational activities. All of these activities are related to the center's efforts to address the issues and processes associated with public policy formulation and implementation at the state level.

From its inception the center has emphasized the internship concept as a major instrument for relating the university to executive agencies. In the Graduate Public Service Internship Program, selected graduate students from a wide range of disciplines serve internships with executive departments and agencies which fund the internships. Cooperating departments and agencies support, on a two-year basis, master's degree candidates who plan careers in state government. Interns participate in a seminar to integrate academic study and work experience, carry a part-time academic load, and work up to 20 hours a week in their sponsoring agencies.

Another important aspect of center activities is the Operations Research Unit. This unit provides support to state agencies through advice, workshops, and publications which address state and local government policy and management issues specifically related to operations research methods.

CENTER FOR THE STUDY OF MIDDLE-SIZE CITIES

The Center for the Study of Middle-Size Cities was established to address problems and issues common among cities with populations in the range of 50,000 to 250,000. Although much research has been conducted

on numerous aspects of the nation's major metropolitan areas, the findings are seldom relevant or in a form useful to cities of lesser size. Moreover, few middle-size cities have developed the capacity to conduct applied studies of the broad-range problems and issues relevant to their particular interests. Consequently, many have difficulty in responding effectively to



the growing list and increasing magnitude of economic, social, environmental, and governmental problems.

The major objective of the center is to serve the interests of middle-size cities by:

Conducting interdisciplinary, comparative, applied, and policy-oriented research on subjects and problem areas selected by local citizens, urban governments, and center faculty.

Serving as an information and consulting resource center to assist social agencies, local governments, and public and private organizations in their efforts to improve the quality of life and government of their communities.

Gathering, organizing, and presenting information about middle-size cities in workshops and seminars for students at the university and for interested groups and organizations throughout the state.

CENTER FOR LEGAL STUDIES

This center, newly authorized by the Illinois Board of Higher Education, is being developed in conjunction with a new academic Legal Studies Program and activities associated with the courts complex planned for Springfield. The courts complex, when completed, will house the Circuit Court of Sangamon County, the Fourth District Appellate Court,

classrooms, and a law library. The Center for Legal Studies has been given responsibility for administering the educational component of the courts complex.

The center will serve three basic functions. The clinical education aspects of the Legal Studies Program will be coordinated through the center. The center will develop and deliver a program of law-related training and also engage in applied research activities.

The Legal Studies Program will emphasize clinical education at both the B.A. and M.A. levels. In addition, faculty associated with the center will have primary responsibility for the placement and supervision of center interns. Center facilities will be available for third-year law students in the Springfield area.

The center will develop components which have as their overriding purpose the expansion of knowledge about the law and the functioning of legal institutions. The aspects of center activities will depend upon the availability of funds and faculty as well as public interest in the various subject matters under consideration. In general, however, the law-related education component of center activities will eventually encompass four broad areas — 1) noncredit courses designed to expand general knowledge of the law; 2) in-service training for persons employed in the legal system or state government; 3) para-legal training; and 4) cooperative, interdisciplinary education for legal professionals.

The center will engage in a number of applied research activities. The focus of these activities will be upon legal institutions in Illinois. Various techniques for improving courts administration and procedures will be explored. The location of the center in the courts complex will provide an excellent laboratory for the development of new techniques to improve the administration of courts.

CONTINUING EDUCATION FOR WOMEN

Continuing Education for Women seeks to meet the life-long learning interests of mature adults, as these interests are identified by both the university and the community. In many instances these interests can best be addressed outside the conventional classroom, credit-generating format. Through short-term noncredit workshops, seminars, and conferences, Continuing Education for Women provides a flexible and supportive environment in which women returning to school, re-entering the labor market, or exploring their own potential can acquire skills and expand horizons. During the past academic year, a Community Advisory Council was established to assist in further development of continuing education opportunities.

A series of Woman to Woman Workshops has been instituted along with several Study Skills Seminars which focus upon such areas as library usage, creative and expository writing, critical reading, and assertiveness training.

For the women in or entering upon a career, a series of Upward Mobility Workshops deal with problems associated with career advancement. A series of Second Time Around Workshops designed to assist

mature women considering returning to school or entering a career has been sponsored in cooperation with Lincoln Land Community College.

Systematic pursuit of appropriate university support, further community involvement, and federal as well as foundation funding is a part of the ongoing activities of Continuing Education for Women.

Public Affairs Colloquia

Sangamon State's public affairs mandate is expressed in the university curriculum through Public Affairs Colloquia. All students participate in one or more of these colloquia which focus on current issues of public concern. They are interdisciplinary in character and concentrate upon developing understanding of public issues, determining and assessing public policy, as well as exploring the role of the citizen in contemporary democracy. Emphasis is on problem-solving techniques and methods, integration of disciplinary and public concerns, and sharing the enrichment of democratic values.

INTERSESSION PAC

Each year in January the university has offered an Intersession PAC. These PAC's have been unique in that they have been intensive one-week courses with nationally known "faculty," critics, and commentators representing a variety of fields and interests. They have focused attention upon alternative understandings of and solutions to such contemporary issues as public confidence in the political process, public trust in the corporate community, the question of American identity, and science and human values. Intersession PAC's are expected to be continued in the coming years.

DEGREE REQUIREMENTS

Candidates for a B.A. degree must earn at least six semester hours of credit in PAC's. M.A. candidates must earn at least four hours of PAC credit.

PUBLIC AFFAIRS COLLOQUIA/Course Descriptions

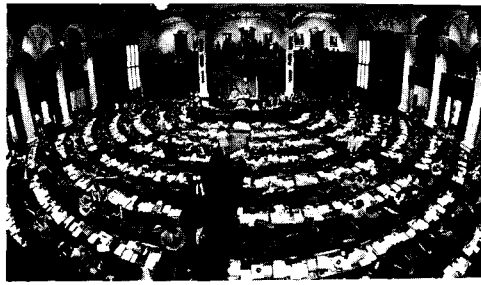
Approximately 40 PAC's are offered each semester. In addition to those that follow, PAC's are offered on other topics of changing and current emphasis.

PAC 401 ISSUES IN AMERICAN EDUCATION (4 Hrs.)

Detailed analysis of specific issues facing education. Emphasis on discovery of alternative solutions based on examination of political and social forces; positions taken by interested organizations; and options available to public policy-makers, educators, and concerned citizens.

PAC 402 SEX-FAIR EDUCATION IN THE CLASSROOM (4 Hrs.)

Team taught course examining the general problems of sexual stereotyping by and of



students and teachers. Deals with creating alternative curricula and locating alternative materials.

PAC 403 THE ECONOMY TODAY (4 Hrs.)

For the noneconomist. Emphasis on major economic problems as they relate to issues of public policy. Principal source is *The Wall Street Journal* supplemented by selections from a wide range of economic periodicals.

PAC 404 A PUBLIC PROBLEM: POST-INDUSTRIAL SOCIETY (4 Hrs.)

Exploration of the questions: How does industrial society exist? Do public problems flow from it? How can we think of post-industrial society?

PAC 405 INFLATION, DEFLATION, FLATION (4 Hrs.)

Analysis of current price inflation and economic recession and of available corrective measures. Objective is the development of public policy for post-recession price stability.

PAC 406 THE WOMAN EXECUTIVE (4 Hrs.)

Team taught examination of issues raised as women move into managerial roles. Analysis of: 1) motivation to enter a traditionally male field; 2) social, political, economic, educational, legal, and psychological factors governing the emergence of women in management; 3) realization of full potential in a conflict environment.

PAC 408 DIVORCE: OUR NEWEST SOCIAL TEST (4 Hrs.)

Examination of relationship between society's view and changing legal framework surrounding divorce. Divorce lawyers, judges, marriage counselors, and child psychologists share their views with the class. Alternatives to divorce processes and marriage are discussed.

PAC 409 AGING AND DYING IN A TECHNOLOGICAL SOCIETY (4 Hrs.)

Examination of the meaning of aging and of death as parts of living, against the background of Western traditions which seek to deny their existence and of the technological developments which reinforce the denial. A direct look at concerns of those facing death or long life.

PAC 410 ECONOMIC ISSUES (4 Hrs.)

For noneconomists who want to know more about current economic issues. Issues change as current concerns in the economy shift in importance. Team taught by members of the Economics Program.

PAC 411 PLANNING FOR THE YEAR 2000 (4 Hrs.)

Examination of the literature of Futurism, including works by Alvin Toffler, Daniel Bell, Herman Kahn, and others. Films, tapes, and guest speakers contribute information and ideas. Development of writing skills relative to Futurism, forecasting, and public policy planning emphasized.

PAC 412 THE CONTEMPORARY WORLD (2 Hrs.)

Systematic, analytical, and informal discussion of contemporary events, led by History Program faculty and intended for anyone in the university. Reading and discussion is entirely based on Sunday *New York Times*. Brown-bag course.

PAC 413 PESTICIDES: FACT AND FICTION (4 Hrs.)

Investigation of the effect of the use of selected pesticides in local, national, and international settings. Urban use of pesticides, particularly in Springfield, is examined to determine reasons for use, methods of pesticide selection, health and safety precautions applied, and quantities used.

- PAC 414 CORRECTIONAL INSTITUTIONS IN AMERICA (4 Hrs.)**
Examination of institutions which society creates to correct infirmities — physical, mental, ethical, and moral. Examines institutions such as mental hospitals, prisons, half-way houses, asylums, and foster homes. Emphasis on the role institutions play in aiding or retarding the achievement of full human potential.
- PAC 415 B. F. SKINNER: A SOCIAL ENGINEER (4 Hrs.)**
Reading of three of B. F. Skinner's major works — *Walden Two*, *Beyond Freedom and Dignity*, and *About Behaviorism* — followed by focus on Skinner as a social engineer. His views of behaviorism and society, present and future, are discussed, with implications for current social policy problems.
- PAC 417 LIMITS TO GROWTH (4 Hrs.)**
Study of the concept of limits to growth, including an attempt to describe a no-growth society. Dialogue and debate on whether limits exist, and if so whether in the natural world, in society, or in the increasing difficulty of governing complexity.
- PAC 418 ENERGY RESOURCES FOR SOCIETY: THE OPTIONS (4 Hrs.)**
Examination of proposed technologies and environmental implications of major energy options. Among options considered are nuclear, solar, and geothermal energy, as well as energy from fossil fuels.
- PAC 419 SCIENCE, GOVERNMENT, AND POLITICS (4 Hrs.)**
Examination of the mechanisms, especially in executive and legislative branches of government, which provide Congress and state legislatures with scientific information. Relationships between science and government and science and politics, using case studies. Emphasis on current science and public policy issues.
- PAC 420 PSYCHOLOGY TODAY AND TOMORROW (1 to 4 Hrs.)**
Topics of current interest in psychology. Wide-ranging, brown-bag, informal, drop-in course. Many guest lecturers knowledgeable in the behavioral sciences. Topics and presenters vary and are announced in advance.
- PAC 421 PARTY REFORM IN AMERICA (4 Hrs.)**
Examination of the assumptions, proposals, and anticipated (and unanticipated) consequences of various proposals for "party reform" in America. Critical look at the debate over "more responsible" parties and movements toward more intraparty democracy. Background in American national politics is helpful.
- PAC 422 WELFARE REFORM IN AMERICA (4 Hrs.)**
Study of historical development, past and present justifications, working problems, and proposed changes in the welfare system and their economic, social, and political implications.
- PAC 423 CHOICES: VALUES AND COMMUNICATION IN DECISION-MAKING (4 Hrs.)**
Focus on selected pivotal human problems, issues, and policy questions, assessing feasible alternatives, analyzing strategies, and resolving value conflicts involved in communication and decision-making. Special attention to problems involved in decision-making and to problem of professional responsibility for effects of decisions.
- PAC 424 SPORTS IN AMERICAN SOCIETY (4 Hrs.)**
Examination of sport as it influences and reflects American values. Impact of sports from educational, social, and psychological perspectives. Guest lecturers, oral reports, and class discussion. Each student is required to submit at least one paper.
- PAC 431 PROBLEMS AND ISSUES IN ILLINOIS GOVERNMENT (4 Hrs.)**
Study of four or five current issues of public policy in Illinois. Class is divided into task forces, each exploring one issue in depth and reporting to the whole seminar. Each student writes a report on some aspect of the policy issues studied by the task force.
- PAC 432 GERONTOLOGY INSTITUTE (2 Hrs.)**
The institute is held each spring in the form of three weekend sessions. Each session is devoted to a particular problem or issue germane to the study of adult development and aging. Persons prominent in the field of aging deliver formal talks and conduct small discussion groups.



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FRANCINE RICHARD, Publications Editor

CAROLE KENNERLY, University Events Coordinator

Faculty

- JAY H. ABRAMS, Assistant Professor, Administration (B.A. Syracuse University, M.P.A., D.P.A. State University of New York at Albany)
- LEONARD P. ADAMS, Assistant Professor, History (A.B. Cornell University, M.A. Yale University)
- NINA S. ADAMS, Assistant Professor, History (A.B. Cornell University, M.A. Yale University)
- JOEL ADKINS, Professor, Psychology (A.B., M.A. San Jose State College, Ph.D. University of California at Los Angeles)
- MANGI L. AGARWAL, Assistant Professor, Administration (B. Tech. Indian Institute of Technology, Kharagpur, India, M.S. Georgia Institute of Technology, Ph.D. University of Georgia)
- LOUISE H. ALLEN, Associate Professor, Humanities; Dean of Educational Services (B.A., M.A. University of Kansas, Ph.D. University of Illinois)
- STUART A. ANDERSON, Professor, Administration (B.S. Stout State University, M.Ed. Marquette University, Ph.D. University of Wisconsin)
- MARTHA L. ATTEBERRY, Associate Professor, Child, Family, and Community Services (B.S. Eastern Illinois University, M.S., Ed.D. University of Illinois)
- MICHAEL AYERS, Associate Professor, Economics (B.B.A. Midwestern University, M.A., Ph.D. University of Oklahoma)
- CLEMENS BARTOLLAS, Assistant Professor, Social Justice Professions (B.A. Davis and Elkins College, S.T.M. San Francisco Theological Seminary, Ph.D. Ohio State University)
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- CRAIG A. BROWN, Associate Professor, Political Studies (B.A. Parsons College)
- ROBERT A. BUNNELL, Associate Professor, Administration and Public Affairs (B.S. Northwestern University, M.S. Ed. Northern Illinois University, Ph.D. University of Chicago)
- MARILOU BURNETT, Associate Professor, Human Development Counseling and Sociology (B.A. Oklahoma State University, M.S.W. University of Illinois)
- SIDNEY C. BURRELL, Assistant Professor, Social Justice Professions (B.Ph. Northwestern University, M.Ed. University of Illinois)
- EDGAR T. BUSCH, Associate Professor, Administration (B.S. Indiana University, M.B.A. University of Denver, Ph.D. University of Arkansas)
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- AUSTIN J. CARLEY, Associate Professor, Sociology (B.S. University of London, B.A., M.A. Cambridge University, Doctor de Letras, San Marcos University)
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- EDWARD CELL, Professor, Philosophy (A.B. Boston University, B.D. Andover Newton Theological School, M.A., Ph.D. Princeton University)
- JOAN W. CHADBOURNE, Assistant Professor, Human Development Counseling (B.S. University of Delaware, M.Ed., Ed.D. University of Massachusetts)
- MARTHA LEE CHRISTIE, Instructor, Nursing (B.S., M.S. Southern Illinois University at Edwardsville)
- LEON S. COHEN, Associate Professor, Political Studies and Public Affairs; Director, Illinois Legislative Studies Center (B.S. Wayne State University, Ph.D. University of North Carolina)
- C. JACK COLEMAN, Assistant Professor of Public Affairs; Affirmative Action Officer; Assistant to President (B.S., Ed.M., Ed.D. Rutgers University)
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- WILLIAM J. CRAMPON, Assistant Professor, Administration (B.S., M.S. California State University)
- ROBERT M. CRANE, Professor, Social Justice Professions (B.S., M.A. Miami University, Ed.D. Indiana University)
- IMA CRAWFORD, Assistant Professor, Nursing (B.S., M.S. University of Alabama)
- ROBERT J. CROWLEY, Associate Professor, Human Development Counseling (A.B. Boston College, A.M. Harvard Graduate School of Education, Ph.D. University of Michigan)
- GERALD A. CURL, Associate Professor, Human Development Counseling; Director of Advising and Counseling (B.S. Illinois State University, M.S., Ph.D. University of Illinois)
- CLARENCE H. DANHOF, Professor, Political Economy (A.B. Kalamazoo College, M.A., Ph.D. University of Michigan)
- G. CULLOM DAVIS, Professor, History (A.B. Princeton University, M.A., Ph.D. University of Illinois)
- DAVID R. DAY, Professor, Organizational Behavior (B.S., M.B.A. Indiana University, Ph.D. Ohio State University)
- WILLIAM DAY, Professor, Public Affairs and Public Affairs Reporting (B.S., M.A. University of Illinois)
- RICHARD E. DIMOND, Associate Professor, Psychology (B.A. University of Cincinnati, M.A. Xavier University, Ph.D. Kent State University)
- C. ROBERT DIXON, Visiting Assistant Professor of Creative Arts (B.S. Murray State University, M.S., M.F.A. Illinois State University)
- JUDITH DOERR, Visiting Assistant Professor, Administration (B.A. Duquesne University, M.A. Western Michigan University)
- MARCIA DWORAK, Assistant Professor, Library Instructional Services (B.A., M.S.L.S. California State University)
- ROBERT J. DWORAK, Associate Professor, Administration (B.S., M.P.A., D.P.A. University of Southern California)
- BARBARA H. EIBL, Associate Professor, Human Development Counseling (B.A. DePauw University, M.S., Ph.D. Indiana University)
- JOHN F. EIBL, Associate Professor, Human Development Counseling (B.A. Iowa Wesleyan College, M.S. Ed., Ed.D. Indiana University)
- MARK E. ERENBURG, Associate Professor, Economics (A.B. University of Michigan, M.A., Ph.D. University of Wisconsin)
- RONALD F. ETTINGER, Assistant Professor, Psychology (B.A. Westmont College, Ph.D. Purdue University)
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- JUDITH L. EVERSON, Associate Professor, Speech (B.A. Indiana State University, M.A., Ph.D. Indiana University)
- EPHRAIM FISCHOFF, Professor, Child, Family, and Community Services (A.B. City College of New York, M.A. Union College, Ph.D. New City School for Social Research)
- D. ANTON FLORIAN, Assistant Professor, Mathematics (B.A. York University, Ph.D. University of Minnesota)
- DENNIS C. FOSS, Assistant Professor, Sociology (B.A. Bates College, M.A., Ph.D. University of New Hampshire)
- DAVID L. FRANKLIN, Associate Professor, Administration (B. Ed. University of Miami, M.A. Western Michigan University, Ph.D. Illinois State University)
- G. ERNST GIESECKE, Professor Emeritus, Higher Education (A.B., M.A., Ph.D. Stanford University)

- LARRY C. GOLDEN, Assistant Professor, Political Studies (B.A. University of New Hampshire, M.A., Ph.D. University of Minnesota)
- WILLIAM T. GORRELL, Assistant Professor, Human Development Counseling; Director of Institutional Research (B.A., M.S. Southern Illinois University)
- LOIS E. GRAFF, Associate Professor, Mathematical Systems (A.B. Mundelein College, M.S., Ph.D. New York University)
- PHILLIP M. GREGG, Associate Professor, Administration and Public Affairs (B.S. Oregon State University, M.A., Ph.D. Indiana University)
- WALTER J. GRENIER, Professor, Human Development Counseling (Ph.B. Loyola University, M.S. Southern Illinois University, Ph.D. University of Sarasota)
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- MELVIN HALL, Assistant Professor, Psychology (B.S. University of Illinois, M.S. Northern Illinois University)
- RONALD A. HAVENS, Assistant Professor, Psychology (B.A. Oberlin College, U.A., Ph.D. West Virginia University)
- EDWARD L. HAWES, Associate Professor, History (M.A., Ph.D. University of Wisconsin)
- ROBERT C. HAYNES, Assistant Professor, Biology (B.S. Ed. State College of Bridgewater, M.S., Ph.D. University of New Hampshire)
- MARY HAZZARD, Associate Professor, Nursing (B.S.N. Nazareth College, A.M., Ph.D. New York University)
- ANDREW M. HEDEKIN, Assistant Professor, Human Development Counseling (B.S. Brigham Young University, M.S. California State University)
- FREDRIC R. HEDINGER, Associate Professor, Health Services Management (B.S. Drake University, M.A., Ph.D. University of Iowa)
- JONATHAN L. HESS, Associate Professor, Psychology (B.A. Wheaton College, M.A. Northern Illinois University, Ph.D. Purdue University)
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- NORMAN D. HINTON, Professor, Literature (B.S., M.A. University of Tulsa, Ph.D. University of Wisconsin)
- DARYL W. HOHWELER, Assistant Professor, Work/Culture/Society (B.A. Oklahoma City University, M.A. Southern Methodist University, M.S.Sc. University of Uppsala, Sweden)
- LEROY C. HOINACKI, Associate Professor, Political Studies (B.A. Providence College, M.A., Ph.D. University of California at Los Angeles)
- MARY HOTVEDT, Assistant Professor, Anthropology (B.A. University of Wisconsin, Ph.D. Indiana University)
- JACQUELINE JACKSON, Associate Professor, Literature (B.A. Beloit College, M.A. University of Michigan)
- K. G. JANARDAN, Associate Professor, Mathematics (B.S., M.S. University of Mysore, India, M.A., Ph.D. Pennsylvania State University)
- DANIEL M. JOHNSON, Associate Professor, Sociology and Public Affairs; Director, Center for the Study of Middle-Size Cities (B.A., M.A. Texas Christian University, Ph.D. University of Missouri)
- WALTER D. JOHNSON, Associate Professor, Economics and Public Affairs (B.A. Washington State University, M.A., Ph.D. University of Oklahoma)
- J. RICHARD JOHNSTON, Professor, History and Education (B.A. Eastern Washington College, M.A., Ed.D. Teachers College, Columbia University)
- ARTHUR C. JONES, Assistant Professor, Psychology (A.B. Drew University, M.A., Ph.D. University of Iowa)
- PETER KAKELA, Associate Professor, Environments and People (B.S. Michigan State University, M.A. Miami University, Ph.D. University of Alberta)
- NINA KASANOF, Assistant Professor, Art History (B.A. Shimer College, M.A. University of Chicago)
- YUNUS KATHAWALA, Assistant Professor, Administration (B.S. University of Bombay, M.B.A. Atlanta University)
- JONATHAN KATZ, Professor, Arts Administration (B.A. Brooklyn College, M.A. Purdue University)
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- PHILIP W. KENDALL, Associate Professor, History; Dean of Public Affairs (B.A. DePauw University, M.A., Ph.D. Boston University)
- HAROLD S. KIPP, Assistant Professor, Library Instructional Services (B.S., M.L.S. University of Pittsburgh)

- DONALD S. KLETT, Associate Professor, Quantitative Science (B.S., M.S. Texas A&M University, Ph.D. University of Texas)
- DONALD S. KLINE, Associate Professor, Administration (B.S. Wayne State University, B.F.T. Thunderbird Institute for International Management, M.B.A. New York University, Ph.D. Syracuse University)
- JOHN KNOEPFLE, Professor, Literature (Ph.B., M.A. Xavier University, Ph.D. St. Louis University)
- PHILIP KOLTUN, Assistant Professor, Mathematical Systems (B.S. University of Illinois, M.S. Carnegie-Mellon University)
- FRANK KOPECKY, Assistant Professor, Social Justice Professions (B.A. University of Illinois, J.D. University of Illinois College of Law)
- SISTER M. ROSARIA KRANZ, Associate Professor, Health Services Management (B.S. Northern State College, M.H.A. St. Louis University, M.P.H., Dr.P.H. Johns Hopkins University)
- RANDOLPH P. KUCERA, Associate Professor, Administration and Public Affairs (B.A., M.P.A., Ph.D. Syracuse University)
- WILLIAM K. KYLE, Assistant Professor, Administration (B.S., M.B.A. Indiana University)
- ANN MARIE LARSON, Associate Professor, Biological Science (B.A. College of St. Catherine, M.S. University of Syracuse, Ph.D. Oregon State University)
- KING LEE, Associate Professor, Mathematics (B.S. Massachusetts Institute of Technology, M.S., Ph.D. University of Michigan)
- J. MICHAEL LENNON, Assistant Professor, Literature (B.A. Stonehill College, M.A., Ph.D. University of Rhode Island)
- GARI LESNOFF-CARAVAGLIA, Associate Professor, Philosophy of Education (Ph.D. University of California at Los Angeles)
- MALCOLM P. LEVIN, Assistant Professor, Environments and People (B.A. University of Virginia, M.S. University of Delaware, Ph.D. Virginia Polytechnic Institute and State University)
- MOLLY LEWIN, Assistant Professor, Psychology (B.A. Thiel College, M.A., Ph.D. Miami University, Ohio)
- STANLEY J. LEWIN, Assistant Professor, Psychology (B.A. University of Cincinnati, M.A., Ph.D. Miami University, Ohio)
- FLORENCE LEWIS, Assistant Professor, Library Instructional Services (M.A. Sangamon State University)
- FRANK W. LITTLE, Assistant Professor, Human Development Counseling (B.S., M.Ed. Wisconsin State University, Ph.D. Purdue University)
- MARY JANE MacDONALD, Associate Professor, Library Instructional Services (B.A., B.S.L.S., M.A.P.A. University of Illinois)
- CAROLE McHUGH, Assistant Professor, Child, Family, and Community Services (B.A. Blackburn College, M.S.W. University of Illinois)
- G. RICHARD McKENZIE, Assistant Professor, Experimental Studies; Associate Director, Advising and Counseling for Career Services (B.S. Pennsylvania State University, M.B.A. Drexel Institute of Technology)
- SANDRA K.O. MARTIN, Instructor, Learning Skills (B.S., M.A. St. Louis University)
- WILLIAM W. MARTZ, Assistant Professor, Biological Science (Ph.B., M.S., Ph.D. Loyola University)
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- BARTON J. MICHELSON, Assistant Professor, Administration (B.A., M.A., Ph.D. Ohio State University)
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- LYNN S. MILLER, Associate Professor, Administration (A.B. Whitman College, M.P.A., Ph.D. University of Southern California)
- S. BURKETT MILNER, Associate Professor, Social Justice Professions (B.S. Southern Illinois University, B.D., M.Div. Garret Theological Seminary, Ph.D. Northwestern University)
- DAVID MOELLER, Assistant Professor, Library Instructional Services (B.S.Ed., M.S.Ed. Eastern Illinois University)
- DOUGLAS F. MORGAN, Associate Professor, Political Studies (B.A. Claremont Men's College, M.A., Ph.D. University of Chicago)
- GARY MORGAN, Assistant Professor, Learning Skills (B.A., M.A. California State University at San Francisco)
- WILLIAM MOSKOFF, Associate Professor, Economics (B.A. Hunter College, M.A., Ph.D. University of Wisconsin)

- WILBUR N. MOULTON, Professor, Chemistry; Assistant to the President and Budget Officer (B.S. Sioux Falls College, M.S., Ph.D. University of Minnesota)
- CARYL T. MOY, Associate Professor, Child, Family, and Community Services (B.S. University of Illinois, M.A. University of Chicago)
- JOHN R. MUNKIRS, Assistant Professor, Economics (B.A., M.A. University of Missouri, Ph.D. University of Oklahoma)
- L. W. (BILL) MURRAY, JR., Associate Professor, Administration (B.A. University of Northern Iowa, M.S. University of Missouri, Ph.D. Clark University)
- PROSHANTA K. NANDI, Associate Professor, Sociology (M.A. Agra University, India, M.A., Ph.D. University of Minnesota)
- ALBERT J. NELSON, Assistant Professor, Political Studies and Public Affairs (B.S. University of Wisconsin-Stevens Point, M.S., Ph.D. University of Oregon)
- NANCY LEE NICHOLS, Instructor, Library Instructional Services (B.A. University of Colorado, M.L.S. University of Denver)
- HENRY E. NICHOLSON, Assistant Professor, Communication (B.A. State University of New York at Geneseo, M.A. Syracuse University)
- MARVIN M. OKANES, Associate Professor, Administration (B.A. University of Buffalo, M.A. University of Illinois, Ph.D. Cornell University)
- DALE K. OUZTS, Assistant Professor, Communication; Director, Broadcast Services (B.A., M.A. University of Georgia)
- JAMES J. PANCRAZIO, Professor, Guidance and Counseling (B.S., M.S. Western Illinois University, Ed.D. Indiana University)
- THOMAS PATTERSON, Assistant Professor, Library Instructional Services (B.A. St. Andrews Presbyterian College, M.A., M.L.S. University of Pittsburg)
- JOHN P. PEARSON, Assistant Professor, Biological Science (B.A. North Park College, M.S., Ph.D. Oregon State University)
- ELDRIDGE H. PENDLETON, Assistant Professor, History (B.A., M.A. North Texas State University, Ph.D. University of Virginia)
- ALFRED WAYNE PENN, Associate Professor, Administration (B.A. Carleton College, Ph.D. Claremont Graduate School)
- CHARLES E. PINKUS, Associate Professor, Operations Research and Public Affairs (A.B., B.S. Rutgers University, M.S. Cornell University, D.Sc. George Washington University)
- LUZ S. PORTER, Professor, Nursing (B.S.N. Siliman University, M.S. University of California at Los Angeles, Ph.D. New York University)
- FRANCIS F. PYNE, Professor, Health Professions; Associate Dean for Health Professions (B.P.H.E. University of Toronto, M.A., Ph.D. University of Minnesota)
- MICHAEL D. QUAM, Assistant Professor, Anthropology (B.A. Valparaiso University, Ph.D. Indiana University)
- WILLIAM H. RAUCKHORST, Associate Professor, Physical Science (B.A. Thomas More College, Ph.D. University of Cincinnati)
- MERRILL REDEMER, Associate Professor, Administration (B.A. Panhandle State College, M.S., Ed.D. Oklahoma State University)
- DAVID ROBINSON, Associate Professor, Creative Arts and Cultural Affairs (B.F.A. University of Oklahoma, M.F.A. Southern Illinois University)
- ROBERT ROELOFFS, Professor, Administration (A.B., B.S., Ph.D. Columbia University)
- EARL A. ROLLINS, Associate Professor, Biological Science (M.A. Purdue University, Ph.D. State University of New York)
- GUY ROMANS, Associate Professor, Theater; Director of Drama (University of Paris, Sorbonne)
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- RICHARD W. SAMES, Professor, Biology; Assistant to the Vice-President for Academic Affairs (A.B., M.A., Ph.D. Indiana University)
- CHARLES A. SCHWEIGHAUSER, Associate Professor, Environments and People (B.A., M.A. Williams College)
- WILLIAM C. SELLYEY, Visiting Assistant Professor, Physical Science (B.S. Villanova University, Ph.D. Bryn Mawr College)
- BERNARD R. SERED, Assistant Professor, Accountancy (B.S., M.S. Roosevelt University)
- RICHARD J. SHEREIKIS, Associate Professor, Literature (B.A. Northern Illinois University, M.A. University of Chicago, Ph.D. University of Colorado)
- DOH SHIN, Assistant Professor, Political Studies and Public Affairs (B.A., M.A. Seoul National University, M.A. University of California at Berkeley, Ph.D. University of Illinois)
- LARRY E. SHINER, Professor, Philosophy; Dean of Academic Programs (B.A. Northwestern University, M.D.V. Drew University, Ph.D. Universite de Strasbourg)

- F. MARK SIEBERT, Professor, Music (A.B., M.A., Ph.D. Columbia University)
- ROBERT B. SIPE, Assistant Professor, Work/Culture/Society (B.A., M.A. Northern Illinois University, Ph.D. Claremont Graduate School)
- ANNA MAY SMITH, Associate Professor, Management (B.A. Barat College, M.A. Columbia University)
- LARRY R. SMITH, Associate Professor, Communication (B.S., M.S. Illinois State University, Ph.D. University of Illinois)
- REGAN G. SMITH, Associate Professor, Sociology (B.A. Kalamazoo College, M.A., Ph.D. University of Illinois)
- WAYNE W. SNYDER, Professor, Economics (B.A. University of Southern California, M.P.A., Ph.D. Harvard University)
- ROBERT C. SPENCER, Professor, Political Studies; President (A.B., M.A., Ph.D. University of Chicago)
- DANIEL SPILLANE, Visiting Assistant Professor, Creative Arts (B.F.A. University of Dayton, M.S. Illinois Institute of Technology)
- DONALD F. STANHOPE, Associate Professor, Accountancy (B.A. Michigan State University, M.A. University of North Dakota, C.P.A.MT)
- AUGUSTINE R.K. STEVENS, Assistant Professor, Political Studies and Public Affairs (B.A. Huntington College, M.A., Ph.D. Northwestern University)
- RALPH S. STONE, Professor, History (A.B. University of Kansas, M.A., Ph.D. University of Illinois)
- GARY A. STORM, Assistant Professor, Social Justice Professions (B.S., M.S., Ph.D. University of Illinois)
- CHARLES B. STROZIER, Associate Professor, History (B.A. Harvard University, M.A., Ph.D. University of Chicago)
- CHARLES K. STUART, Associate Professor, Human Development Counseling (B.A. Michigan State University, M.A., Ed.D. University of Northern Colorado)
- RONALD J. SUTHERLAND, Assistant Professor, Economics (B.A. University of Washington, M.A. San Diego State College, Ph.D. University of Oregon)
- JOHN TONGATE, Associate Professor, Library Instructional Services (B.A. Northwestern University, M.L.S. University of Pittsburgh)
- CHARLES D. TOPERZER, Assistant Professor, Health Services Management (B.S. Youngstown State University, M.A. Texas A&M University)
- LYNDA L. TOTH, Assistant Professor, Communication (B.A. University of Dayton, M.A. University of Hawaii, Ph.D. University of California at Los Angeles)
- PATRICIA L. TOUNSEL, Assistant Professor, Human Development Counseling (B.A. Brandeis University, M.A., Ph.D. Michigan State University)
- MICHAEL P. TOWNSEND, Assistant Professor, Child, Family, and Community Services (B.S. Illinois College, M.S.W. West Virginia University)
- JERRY TROXELL, Associate Professor, Music (B.S. Northwest Missouri State University, M.A. University of Iowa)
- J. DAVID VIERA, Assistant Professor, Communication (B.A. University of Illinois, M.A. California State University)
- JERRY L. WADE, Assistant Professor, Sociology (B.A., M.A. University of Missouri)
- BEN WARD, Assistant Professor, Learning Skills (B.A. Rockford College, M.A.T.E. University of Illinois)
- LEROY S. WEHRLE, Professor, Economics and Public Affairs (B.S. Washington University, M.A., Ph.D. Yale University)
- PETER S. WENZ, Assistant Professor, Philosophy (B.A. State University of New York at Binghamton, Ph.D. University of Wisconsin)
- LOUISE WHEELER, Instructor, Medical Technology (B.A. Marietta College, M.S. Youngstown State University)
- A. DAN WHITLEY, JR., Associate Professor, Educational Psychology (B.A. Lycoming College, M.A. Bucknell University, Ph.D. Southern Illinois University)
- JAMES C. WORTHY, Professor, Public Affairs and Management
- RICHARD D. WRIGHT, Assistant Professor of Biology (B.A. University of New Hampshire, M.S., Ph.D. Tulane University)
- MICHAEL W. WYGAL, Assistant Professor, Administration (B.A., M.P.A. California State University at Fullerton)
- MARY KATHERINE YNTEMA, Associate Professor, Mathematics (B.A. Swarthmore College, M.A., Ph.D. University of Illinois)
- DONALD YOHE, Associate Professor, Director, Child, Family, and Community Services (A.B. Wheaton College, M.S.W. University of Michigan)
- ROBERT H. ZELLER, Professor, Human Development Counseling (B.S. Shurtleff College, Ed.D. Washington University)



Index

- Academic advising/57
- Academic load/35
- Academic Policies and Procedures/27
- Academic probation/37
- Academic Programs/Course Descriptions/63
- Academic Standards/35
- Accountancy/64
- Accreditation/14
- Activity Fee, student/39
- Administration/68
- Administration, officers of/255
- Administrative staff/256
- Admissions Policies and Procedures/21
- Admissions
 - Graduate/24
 - Procedure, graduate/26
 - Procedure, undergraduate/24
 - Proficiency examination for graduate/26
 - undergraduate/24
 - Special/26
 - Undergraduate/22
- Advanced standing/23
- Adviser, academic/57
- Advising and Counseling, Office of/57
- Affirmative action/54
- Aid, financial/42
- Alumni Association/19
 - Scholarships/45, 47
- American Association of University Women Grant Fund/47
- Anthropology/228
- Applied Study and Experiential Learning Term/33, 247
- Area map/279
- Art/61, 109
- Assistantships, graduate/45
- Astronomy/193
- Attendance, class/38
- Auditing courses/38
- Automobiles, use of/53

- Bachelor of Arts Degree/30
- Bachelor's Degree Requirements/29
- Basic Opportunity Grants/46
- Biology/87
- Board of Regents/255
- Book store/55
- Bruce A. Magidsohn Memorial Scholarship/44
- Business Administration/68, 165

- Calendar, university/7
- Campus, Capital/13
- Campus, Main/11
- Campus map/266
- Career Services/57
- Cell Biology/88
- Center for Legal Studies/248
- Center for Policy Studies and Program Evaluation/247
- Center for the Study of Middle-Size Cities/247
- Change of courses/38
- Check cashing service/56
- Chemistry/194
- Child care/52
- Child, Family, and Community Services/95
- Choosing a Program/28
- Class attendance/38
- Clayville Rural Life Center/18
- Clinical Psychology/209
- Clubs/60
- College Level Examination Program/23, 26
- College Work-Study/47
- Communication/101
- Community Arts Management/107
- Computer Science/176
- Computer service/56
- Constitution requirement/40
- Continuing Education for Women/249

- Counseling/56, 57
 - Peer-group/53
 - Personal/58
 - Veterans/56
 - Vocational/57
- Courses/63
- Creative Arts/109
- Credit, lower-division/30
- Credit/no credit grading/36
- Credit, transfer/30, 31
- Cross-listed courses/37

- Dance/109
- Day-Care Center/52
- Degrees, requirements for/29, 30, 32
- Drama/61, 109

- Economics/115
- Education/75, 242
- Educational Administration/75
- Employment, student/45
- Environmental Biology/88
- Environmental Physical Science/193
- Environments and People/121
- Evaluation, written/37
- Examination, for admission/23, 26

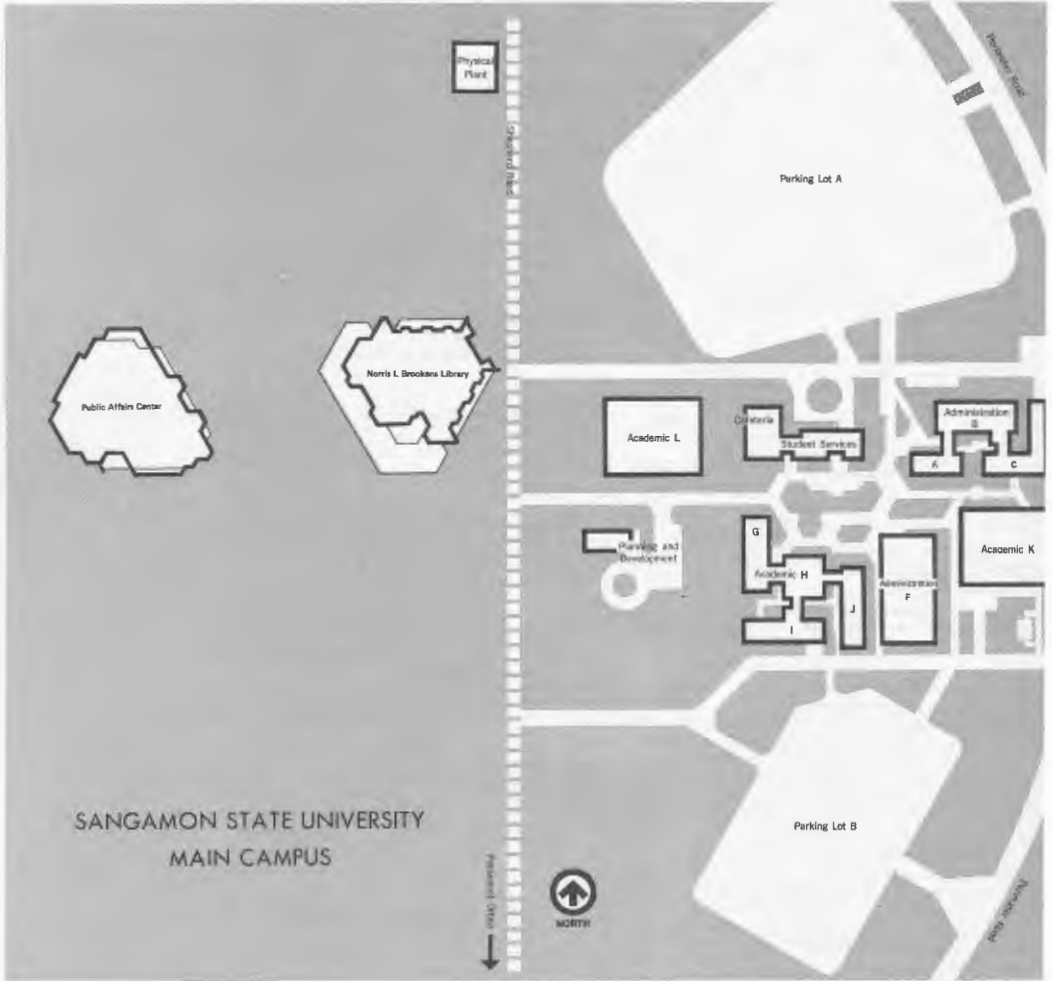
- Faculty/15, 257
- Faculty Union Scholarship Program/44
- Fees/25
 - Health insurance/53
 - Late registration/39
 - Student activity/39
- Financial aid, student/42
 - Application for/42, 48
- Food service/55
- Foundation, Sangamon State University/19
- Franklin Life Insurance Company Scholarship Program/43

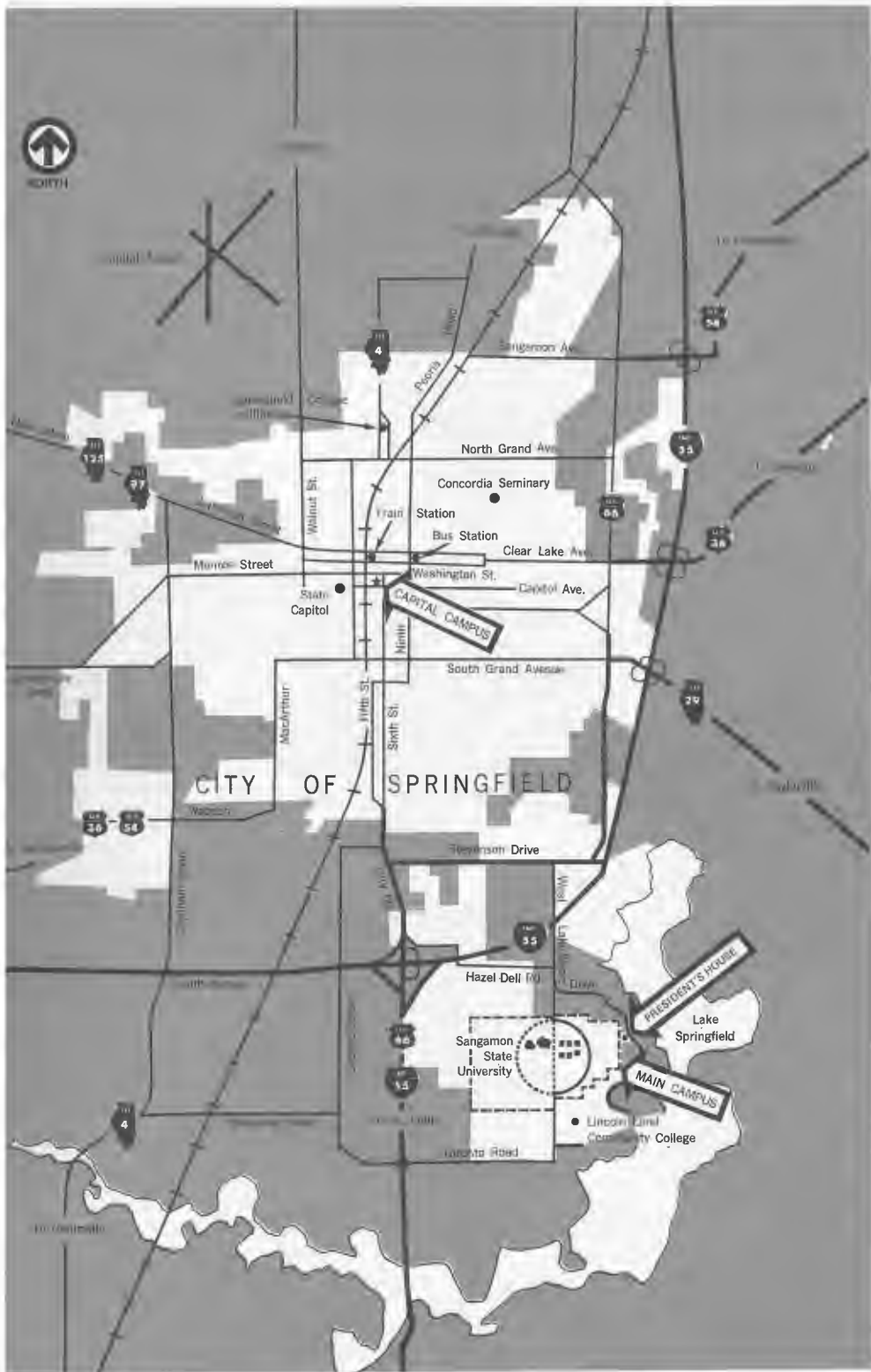
- General Assembly Waivers/43
- General Information/9
- Geology/193
- Gerontology/127
- Governance/13
- Grading/36
- Graduate assistantships/45
- Graduate internships/45, 46
- Graduate Public Service Internship Program/45, 247
- Graduation Contract/40
- Graduation Procedure/40
- Graduation Report/40
- Grants/42, 46, 47

- Health insurance, student/54
- Health pre-medical study/194
- Health service, student/53
- Health Services Administration/130, 165
- History/136
- History, Sangamon State/11
- Housing, student/52
- Human Development Counseling/145
- Human Services/218

- Identification, student/52
- Illinois Guaranteed Loan Program/45
- Illinois Legislative Studies Center/246
- Illinois State Scholarship Commission Grant/46
- Incomplete work/37
- Individual Option/28, 151
- Institutional Grants/47
- Institutional Tuition Waivers/47
- Insurance, student/54
- Interdisciplinary programs/28

- Internships, graduate/45, 46, 97
 Intercession PAC/250
- James E. Armstrong Scholarship Program/44
- Laboratory facilities/17, 90
 Late registration fee/39
 Law enforcement/218
 Law Enforcement Educational Program/42
 Grants/42
 Loans/43
 Learning Center/58
 Lectures/61
 Legal Studies/154, 218
 Legislative Staff Internship Program/46
 Letter grades/36
 Library, Brookens/12, 17
 Lilly Foundation Grants/47
 Literature/158
 Loans, student/43, 45, 46, 48
- Management/164
 Maps
 Area/267
 Campus/266
 Master of Arts Degree/31
 Master's Degree Requirements/30, 32
 Mathematical Systems/172
 Mathematics/175
 Medical Technology/186
 Military Waivers, State/42
 Minority Services Center/58
 Music/61, 109
- National Direct Student Loans/46
 Nursing/189
 Nutrition/192
- Officers of administration/255
 Operations Research/177
 Operations Research/Systems Analysis/177
 Organization of the University/14, 253
- Philosophy and Human Values/240
 Philosophy of Sangamon State/10
 Physical Sciences/193
 Facilities/17, 194
 Physics/194
 Placement service/58
 Political Studies/200
 Pre-medical study/194
 President/11
 A Message From/2
 Probation academic/37
 Problem-solving exercise/32
 Project "Ahead"/56
 Psychology/207
 Public Administration/77, 165
 Public Affairs Centers/246
 Public Affairs Colloquia/32, 250
 Intercession/250
 Public Affairs Reporting/216
 Public Affairs Reporting Scholarships/44
 Public Safety Department/55
- Public Systems Analysis/177
 Programs, degree/30, 31
- Radio station/17
 Recreation/59
 Registration/39
 Residence requirement/29, 31
 Right to review files/40
 Robert P. Howard Scholarship Program/44
- Sangamon County Deputy Sheriff's Scholarships/43
 Sangamon State University Foundation/20
 Satisfactory progress/37, 49
 Scholarships/43, 44, 45, 47
 Serviceman's Opportunity College/56
 Social Justice Professions/218
 Sociology/Anthropology/228
 Special admission/26
 Special courses/30
 Special Sequences and Options/240
 Special Student/26
 Sports/59
 Springfield/16
 Statistics/175
 Student Financial Aid/41
 Student Health Insurance/54
 Student Health Service/53
 Student Life/59
 Student Services/52
 Student-to-Student Grants/47
 Supplemental Educational Opportunity Grants/46
- Teacher Education Waivers, State/43
 Teacher Education/242
 This Is Sangamon State/10
 Transcripts/39
 Transfer credit/23, 31
 Graduate/31
 Undergraduate/23
 Transportation/53
 Tuition and Fees/25
 Tuition waivers/43, 47
- University Assembly/13
 University Community Emergency Loan Fund/48
 University Grant Program/47
 University Life/51
- Vehicles, use of/53
 Veterans affairs/56
 Veterans benefits/38, 42
 Veterans Club/60
 Vocational counseling/57
 Vocational testing/57
- Waivers, tuition/43, 47
 William H. Chamberlain Scholarship Program/43
 Withdrawal from courses/38
 Women Studies/246, 249
 Work/Culture/Society/235
 Work-study programs/47
 Writing, creative/109
 WSSR/17
- Zonta Grants/47







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