

1961

1961 Southern Illinois University Bulletin Carbondale Campus (Summer Session)

Southern Illinois University Carbondale

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Objectives of Southern Illinois University

TO EXALT BEAUTY

IN GOD,
IN NATURE,
AND IN ART;
TEACHING HOW TO LOVE THE BEST
BUT TO KEEP THE HUMAN TOUCH;

TO ADVANCE LEARNING

IN ALL LINES OF TRUTH
WHEREVER THEY MAY LEAD,
SHOWING HOW TO THINK
RATHER THAN WHAT TO THINK,
ASSISTING THE POWERS
OF THE MIND
IN THEIR SELF-DEVELOPMENT;

TO FORWARD IDEAS AND IDEALS

IN OUR DEMOCRACY,
INSPIRING RESPECT FOR OTHERS
AS FOR OURSELVES,
EVER PROMOTING FREEDOM
WITH RESPONSIBILITY;

TO BECOME A CENTER OF ORDER AND LIGHT

THAT KNOWLEDGE MAY LEAD
TO UNDERSTANDING
AND UNDERSTANDING
TO WISDOM.

Summer Session
1961



SOUTHERN ILLINOIS UNIVERSITY BULLETIN
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General Information
Summer Session
Schedule of Classes
Graduate School
College of Education
College of Liberal Arts and Sciences
School of Agriculture
School of Applied Science
School of Business
School of Communications
School of Fine Arts
School of Home Economics
University Institutes
Division of Technical and Adult Education

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This Bulletin

covers in detail questions concerning the 1961 Summer Session. It does not cover all questions concerning Southern Illinois University. For complete information about the University the prospective student should refer to the General Information bulletin.

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University Calendar, 1961-1962

SUMMER SESSION

Session Begins	Monday, June 19
Independence Day Holiday	Tuesday, July 4
Final Examinations	Wednesday–Thursday, August 9–10
Commencement	Friday, August 11

FALL QUARTER

New Student Week	Sunday–Tuesday, September 17–19
Quarter Begins	Wednesday, September 20
Thanksgiving Recess	Wednesday, 12 noon–Monday, 8 A.M. November 22–27
Final Examinations	Monday–Saturday, December 11–16

WINTER QUARTER

Quarter Begins	Tuesday, January 2
Final Examinations	Monday–Saturday, March 12–17

SPRING QUARTER

Quarter Begins	Monday, March 26
Memorial Day Holiday	Wednesday, May 30
Final Examinations	Wednesday–Tuesday, June 6–12
Commencement	Wednesday, June 13

Summer classes will begin on Tuesday, June 20. During the fall, winter, and spring quarters, day classes will begin on the second day of the quarter. Evening classes (5:45 P.M. or later) will begin on the first day of the quarter.

Registration Calendar

- April 10–
June 2 Students enrolled in the 1960 summer session or the 1961 spring quarter may be advised and may register.
- June 15–16 Additional advisement and registration period for students who were not on the campus during the 1961 spring quarter.
- May 27 Students will receive fee statements by mail if registered by this date. Students who register between May 29 and June 2 or on June 15, 16, or 19 must pay fees at the time of registration.
- June 9 Students will have their advance registration cancelled if fees are not paid at the Bursars' Office by 3:30 P.M.
- June 19 Summer Session begins. Last day of regular registration.
- June 20 Classes begin except for certain workshop courses which open on June 19. (See Schedule of Classes.)
- June 20–24 Late registration period. Late fee will be assessed. Students registering only for a special course which begins later than June 19 may register on the first meeting day of class without late-fee payment.
- June 26 Last registration day without dean's written approval.
- July 1 Last day to withdraw from school to be eligible for a refund of fees.
- July 3 Last day for refund application to be submitted to Registrar's Office for refund of fees.
- July 7 Last day to withdraw from a course without receiving a letter grade.

The Summer Session

THE SUMMER SESSION at the Carbondale Campus consists of a comprehensive program of courses offered by most of the departments of the University.

The program of studies for the 1961 Summer Session has been planned to meet the needs of the following groups:

In-service teachers and administrators who wish to study at the undergraduate and graduate levels,

Regular undergraduate and graduate students who wish to accelerate the completion of their degree requirements.

High School graduates who wish to begin work toward a degree.

Persons who wish to register for specialized courses but are not working toward a degree.

Persons who wish to attend special-interest conferences and lectures.

Outstanding high school juniors and seniors who wish to participate in specialized noncredit programs.

The eight-week session opens on June 19 and closes on August 11. Students may register for courses which continue during the entire session or for specialized programs which vary in length from one day to four weeks.

Students who know at the time the summer session opens that they must miss more than three days of the sessions should not register or, if they have registered in advance, should withdraw. The brevity of the summer session makes it difficult for students missing more than three days to complete the required work in time.



1 / Special Programs

LISTED IN this section are programs of special interest to high school juniors and seniors, recent high school graduates, regular college students, and part-time students who may or may not be working toward a degree. Among the special programs are field courses, institutes, workshops, short courses, lectures, and conferences. Both credit and noncredit programs are listed.

CREDIT COURSES

Students may register for the credit courses during the advance registration period from April 10 through June 2 and on June 15 and 16. Students may also register on June 19, the opening date of the summer session. Students registering only for a special course which begins later than June 19 may do so at the first meeting of the course without late fee payment.

Fees for the special credit-courses are assessed on the same basis as fees for regular courses. (See "Fees for the 1961 Summer Session" in chapter four of this bulletin.)

Workshops and Short Courses

Economics

The Economic Education Workshop (Economics 490-4 or Secondary Education 490-4) July 3-14, Monday through Friday, 8:55-11:35 and 1:10-3:50. This workshop will be offered by the Department of Economics and the Department of Secondary Education. Detailed information may be found under "Secondary Education" in this chapter.

Elementary Education

The Department of Elementary Education will offer six workshops this summer.

Workshop in Elementary School Foreign Language Instruction (Elementary Education 435-4 to 8 or Foreign Language 435-4 to 8) June 19-July

14, Monday through Friday, 7:30–11:35. This workshop is offered in cooperation with the Department of Foreign Languages.

Workshop in Elementary Education (Kindergarten-Primary) (Elementary Education 433–4) June 19–July 14, Monday through Friday, 8:55–11:35. This workshop is designed to meet the needs of those in-service and pre-service kindergarten and first grade teachers who wish to improve the educational program for young children by studying problems related to school beginners, curriculum, administrative procedures, evaluation and parent education, and the implications of the needs of four-, five-, and six-year-old children as they relate to the school program. Library facilities and the facilities of the University School will be drawn upon to furnish background for discussion of current issues. Much time will be devoted to group and individual observation in the University School. Dr. Rebecca Baker is the instructor. Staff of the University will be made available for discussion and consultation wherever needed.

Improvement of Instruction in Arithmetic (Elementary Education 415–3) July 10–28, Monday through Friday, 1:00–3:15. The instructor will be Dr. Harold Lerch. Emphasis will be given to new instructional practices, materials of instruction, methods of providing for the gifted, and means of evaluating achievement. The workshop is open to both graduate and senior college students and is planned particularly to meet the needs of in-service and prospective teachers.

Workshop in Social Studies (Background material for grades 4 through 8) (Elementary Education 443–4) June 19–July 14, Monday through Friday, 1:10–3:15. The purpose of the workshop is to improve backgrounds of teachers in crucial areas in the social studies. The first week will deal with changing

UNIVERSITY SCHOOL



concepts in geography. Another week will be devoted to Asia; another, to Africa; and a fourth, to Russia and Eastern Europe. Approximately twenty outstanding social scientists from the University will discuss the areas of the world with which they are most familiar. Many of these instructors have spent extended periods of time in the countries they are to discuss. This is an unusual opportunity to become better informed on the critical areas of the countries which should be receiving attention in the elementary school program. The participants will work in groups to develop resource units in the various areas.

Leadership in Elementary Education (Elementary Education 558-3) June 19-30, Monday through Friday, 8:55-12:00 and 1:00-3:00. Elementary principals will have an unusual opportunity to work with Dr. Robert Eaves, Executive Secretary of the National Department of Elementary Principals. Dr. Eaves has had contact with elementary school principals in all sections of the country. He is familiar with the most recent developments in elementary education. The workshop will deal with ways the principal can work effectively with his faculty, community, and students. Stress will be placed on in-service training, curriculum development, supervision, and public relations.

Aero-Space Education Workshop (Elementary Education 401-4 or Secondary Education 401-4) August 14-25, Monday through Friday, 8:55-11:35 and 1:10-3:50. See "Secondary Education" for details.

English

Workshop in High School English (English 486-2) June 26-July 7, Monday through Friday, 8:30-12:00 and 1:00-3:00. This is a special workshop for English teachers at the senior high school level. It will be conducted by Professor J. N. Hook, executive secretary of the National Council of Teachers of English and member of the faculty of the University of Illinois. Registration will be chiefly by invitation to specific teachers of high school English and to high school administrators. The intention is to set up a syllabus for high school composition and to consider ways in which high school administrators can cooperate to enable such a syllabus to be put into effect.

Food and Nutrition

School Lunch Program (Food and Nutrition 248-2) June 19-23, Monday through Friday, 9:00-12:00 and 1:00-4:00. This course will be of value to all interested in the school lunch program. It will include up-to-date information on quantity food production, use of the school lunch room for emergency feeding, equipment, sanitation, management, and personnel relationships. It will not be a duplication of Food and Nutrition 247, which was offered last summer.

Foreign Languages

Workshop in Elementary School Foreign Language Instruction (Foreign Language 435-4 to 8 or Elementary Education 435-4 to 8) June 19-July 14, Monday through Friday, 7:30-11:35. This workshop will be open to students of foreign languages, to elementary teachers with one year or more of college French, German, or Spanish, and to high school foreign language teachers who are interested in teaching a language to grade school children. Included are oral drills in the language chosen, discussions of methods, lectures on the learning problems of young children, observations of pilot classes, and practice with special materials. Integration of foreign languages with the child's regular programs is stressed.



Workshop participants make use of the new LANGUAGE LABORATORY facilities.

Geography

Workshop in the Geography of Latin America (Geography 485-4) July 10-August 4, Monday through Friday, 8:55-11:35. This workshop, offered jointly by the Department of Geography and the Latin American Institute, is designed primarily for in-service geography and social-studies teachers in the elementary and junior high schools. The prime objective of the workshop is to create in the teacher a thorough understanding of, and identification with, Latin American environment and culture which can be transmitted to the students. The ultimate goal is to create in youth a clear understanding of social and cultural conditions extant in the countries to the south.

The geographical survey of Latin America will be augmented with lectures and demonstrations by members of the co-operating departments of Anthropology, Economics, Government, History, Foreign Languages, and the University Museum. The Latin American Institute will provide the workshop participant with numerous supplementary teaching aids, and the University Museum will assist with displays and exhibits of arts and crafts. The student will have opportunity to work on lesson plans and projects suited to his teaching level.

Government

Development of German Democracy (Government 454-8). For the second consecutive summer, Southern Illinois University in co-operation with the University of Hamburg is sponsoring an overseas course. This program of government study abroad is an on-the-spot case study. Attention is given to the influence of German history upon present-day problems, the implications of the new post war Constitution of the Federal Republic of (West) Germany, and the rise of an economic, social, and political European Community of which West Germany is an integral part. All lectures are in English, and knowledge of the German language is by no means essential.

Unless students make other arrangements, they will leave Chicago in a group via Lufthansa (German Airlines) jet on July 15. Classes will start on July 17, although a regular classroom on the campus of the University of Hamburg may not be available until the end of the month. Students will be placed as soon as possible in private homes of English-speaking German residents of Hamburg. At least the last three weeks of the course will be on the campus of the University of Hamburg, and a final examination will be given on August 19.

All returns to the United States will be on an individual basis. Most students will want to use the Lufthansa multi-stopover plan, staying as long in various European cities (along the stopover route chosen) as available time and money permit. For example, Hanover, Bremen, Brussels, Paris, Amsterdam, and Paris may be visited for no additional cost.



This group studied in Germany during the 1960 summer session.

This class will be taught by Professor Orville Alexander, chairman of Southern's Department of Government. Professor Alexander taught the class last summer and is enthusiastic about its value. He will serve primarily as a co-ordinator. Distinguished professors of the University of Hamburg and high officials of the government of Germany will be guest lecturers and will supply a goodly part of the factual material of the course. Classes will meet mornings and afternoons, Monday through Friday, leaving weekends for optional ex-

cursions to nearby points of interest. (Last year the German Government invited the class to Berlin for one of the most memorable weekends during the course.)

It is estimated that the course will cost approximately \$900. This includes all foreseeable necessary expenses for the period of the course. There is, of course, no guarantee that a student would not spend more. The estimate includes (1) economy-class, round-trip transportation between Chicago and Hamburg by modern jet planes, (2) Southern's regular fees of \$48.65, not including Special Fees on page 32, and (3) living expenses in Hamburg, which are quite moderate by American standards. The estimate is based upon Lufthansa rates in effect December 1, 1960, and upon the experiences of last year. It is our belief that travel facilities can be provided for any free time a student would like to spend in Europe after the class is over at a total cost of not more than \$50 per week.

Admission to the course is with the consent of the American professor, and all inquiries should be directed to Professor Orville Alexander, Chairman, Department of Government.

Guidance

Institute for Rehabilitation Personnel (Guidance 481-4) July 10-21, Monday through Friday, 7:30-11:35 and 1:10-3:50. Sponsored by the Rehabilitation Institute, this course is designed primarily for those workers already employed in the broad field of rehabilitation. Emphasis will be placed upon the scope of rehabilitation, services available to the handicapped, skills inherent in the rehabilitation process, and methods of mobilizing professional and community resources to meet the needs of the disabled.

The Illinois Division of Vocational Rehabilitation, the Illinois Tuberculosis Association, and the Illinois Department of Public Welfare are co-operating with the University in conducting this institute; other participating agencies are the Illinois Public Health Department, and the Tuberculosis Institute of Chicago and Cook County. Prominent speakers from Southern Illinois University, other universities, rehabilitation agencies, and state and federal offices will participate.

Students will be admitted only by special permission of a committee. The admission procedure will be outlined in an advanced announcement of the institute. For additional information, contact Dr. Guy A. Renzaglia, Associate Professor and Director, Rehabilitation Institute.

Health Education

Workshop in School Health Education (Health Education 461-4, 462-4, or 463-4) June 19-July 14, Monday through Friday, 1:10-4:30. The workshop is open to senior and graduate students and to others by special permission of the workshop director.

The workshop will provide the opportunity for work and participation in

school health instruction, school health services, school health environment and administration. Lectures will be given by Southern Illinois University staff members and outside specialists. Students will take part in group workshop sessions, consider individual school health problems, participate in group discussions, have a preview of audio-visual aids, evaluate teaching materials, and see demonstrations and have practice in testing and screening for health. The workshop has been designed for public school teachers, school nurses, school administrators, and health educators.

Workshop in Safety Education (Health Education 480S-4) July 17–August 11, Monday through Friday, 1:10–4:30. This is a summer workshop designed to give teachers and school administrators an opportunity to explore problems and evaluate current curricula in general safety instruction. Workshop participants will be given an opportunity to work on teaching units that will form the framework for a new course of study for the secondary school.

The workshop will be under the direction of Dr. Herbert J. Stack, program associate of the Center for Safety Education, New York University. Dr. Stack, one of the pioneers in safety education, will join Southern's staff for the entire summer session.

There will be lectures by state and national consultants, as well as staff members of the University, and ample opportunity to exchange ideas and review current philosophy in the teaching of education for safe living.

Home and Family

Work Simplification in Home Management (Home and Family 435-4) July 17–August 11, Monday, Tuesday, Thursday, and Friday, 8:55–11:35. This will be a study of basic work-simplification principles and their application to full-time, employed, and physically handicapped homemakers. The course will be open to graduate students and undergraduate students with senior standing. It should be of particular interest to home economists in teaching, extension, or business and to workers in rehabilitation programs.

Industrial Education

New Developments in Industrial Education (Industrial Education 560-2). This course is designed so that students may register for a two-week intensive course at four different periods during the summer session, thus earning from two to eight hours of credit. The subjects deal with significant developments, pressing problems, and emerging trends in the industrial education and technical fields. Selected subjects are handled by recognized authorities in the field.

Outstanding specialists have been selected to present lectures on the newer developments as they have become apparent during the past scholastic year. The subjects and the schedule of presentation follow:

The Area Technical School of the Future	June 20-23 June 26-29	Mr. William N. Fenninger Executive Secretary American Technical Education Assn.
Comparative Industrial Education with Emphasis on Russian Education	July 3-7 July 10-13	Mr. Mark Nichols Director of Vocational Education State of Utah
Professional Writing for Publication	July 18-21 July 24-27	Mr. Wesley Stephens McKnight and McKnight Publishing Company
Industrial Education in the 1970's	August 1-4 August 7-10	Dr. Ivan Hostetler, Head Industrial Arts Department North Carolina State College

Instructional Materials

Preparation of Teacher-Made Audio-Visual Materials (Instructional Materials 445-4) June 20-July 14, Monday through Friday, 1:10-3:50 or July 17-August 11, Monday through Friday, 7:30-10:10. The workshop is designed to provide experiences in the preparation of such teacher-made materials as felt boards, buzz boards, accordians, passe-partout, slides, transparencies, lettering, and dioramas; mounting of pictorial materials; and many other production skills. This course will demonstrate how these instructional aids can be produced with a minimum of materials and time.

Music

Opera Workshop (Music 346-2 to 8 or 568-2 to 8). In co-operation with the Department of Theater, the Department of Music is offering its Sixth Annual Summer Opera Workshop. The workshop may be elected for 2, 4, 6, or 8 hours of credit with consent of the instructor. In past years such large-scale works as *Oklahoma*, *Finian's Rainbow*, *Most Happy Fella*, *Carousel*, and *South Pacific* have been presented, and a similar musical-dramatic production is planned for the 1961 summer session. Members of the workshop will be on call for rehearsals nightly from 7:00 to 10:00 P.M. Special workshop projects are planned for afternoon sessions on call daily from 2:30 to 4:30 P.M. The workshop is designed as a medium of experience for singers, instrumentalists, actors, stage crews, and music or dramatic directors who wish to gain a deeper insight into the production problems of this type of performance.

Elementary Music Education Workshop (Music 455-4) July 3-14, Monday through Friday, 9:00-12:00 and 1:30-3:30. The workshop, presented by Dr. Thomas, Assistant Professor of Music, meets in air-conditioned Altgeld

Hall and is open to all elementary teachers who are concerned with teaching music in the classroom.

Workshop (Seminar) in Choral Materials and Techniques (Music 553-3) July 17-28, Monday through Friday, 1:00-4:00. This workshop will be led by Mr. Robert Hines and Dr. Charles Taylor. Utilizing the resources of the University Choir and the summer program of the University Grade and High School, the course will be devoted to reading of new materials, preparing a major work for performance, critique of conducting techniques, and analysis of grade school, junior high school, and senior high school vocal problems. The workshop will be held in the air-conditioned choral room of Altgeld Hall.

Workshop (Seminar) in Instrumental Materials and Techniques (Music 554-3) July 17-28, Monday through Friday, 9:00-12:00. This workshop will be led by Mr. Phillip Olsson, Mr. Donald Canedy, and Dr. Robert Forman. Designed to provide a practical-experience course for instrumental directors, the workshop gives special attention to instrumental techniques and their related problems of teaching and performance, critique of conducting, marching band organization, arranging, and new band literature.

The two workshops, Music 553 and 554, have been scheduled conjunctly so that general supervisors of music education may enroll in both workshops during the two-week period.

Physical Education for Women

Teaching Basic Activities to Junior and Senior High School Girls (Physical Education for Women 362-1 to 4) June 19-July 14, Monday through Thursday, 1:10-4:00. This course, although it has no prerequisite, is the third in a series offered during the summer to help inadequately prepared teachers of physical education. It is open to all teachers who need additional work in teaching girls' physical education.

This course is divided into four one-week units. Each unit may be taken for 1 hour of credit. The first week is devoted to teaching basic body movement, including analysis of movement, skills underlying all activities, and fitness. The second emphasizes teaching dance. The third stresses badminton and recreational games. The last week presents the teaching of softball.

Recreation and Outdoor Education

Under direction of the University's Department of Recreation and Outdoor Education, a varied instructional program will be offered at the University's Little Grassy Lake Camp. In addition to course work in recreation and outdoor education, there will be courses in geology, health education, and physical education.

The Department of Recreation and Outdoor Education is also offering two summer workshops. Both courses may be taken for either credit or noncredit, and all sessions will be held at the University's Little Grassy Lake Camp. Lodging and meals will be provided at a nominal cost.

Playground Leadership Workshop (Recreation and Outdoor Education 312-2) June 14-17. This workshop will be offered for recreation majors and minors and for those who desire some preparation and leadership training for playground programs, church programs, and youth leadership programs for the summer.

Camp Leadership (Recreation and Outdoor Education 311-2 to 6 or 510-4) July 10-21. This workshop is to give teachers experience in outdoor education and to demonstrate to school administrators, agency executives, recreation leaders, and others the values of outdoor education in their total educational programs. A special project is required for graduate credit.

Secondary Education

Economic Education Workshop (Secondary Education 490-4 or Economics 490-4) July 3-14, Monday through Friday, 8:55-11:35 and 1:00-3:50. Dr. John A. Cochran of the Department of Economics and Mr. Harrell Largent will serve as co-ordinators. The plan is to have lectures dealing with common economic problems presented daily by outside resource people. The remainder of each day will be devoted to discussing the content of the lectures and suggesting implications for developing economic concepts in the schools' curricula, grades one through twelve.

This workshop is co-sponsored by the Joint Council on Economic Education and Illinois Economic Councils of Education and by the departments of Secondary Education and Economics. Schools are encouraged to send a team of participants. Ideally, a team would consist of a teacher from each of the grade levels and an administrator. However, it is possible that one teacher will be accepted from a school system.

There are some scholarships available to be awarded to those who apply for admission to the course. The value of these scholarships will represent approximately the regular tuition charged for that much work in the summer session and noonday lunch throughout. Inquiries should be directed to Dr. John Cochran or Dr. Clarence D. Samford.

Junior High School Curriculum and Administration (Secondary Education 469-4) June 19-30, Monday through Friday, 8:55-11:35 and 1:10-3:50. It is felt that junior high school education is an area which should receive at-

tention at this particular time following the Conant report. It is recognized that this intermediate school is always an important consideration in that early adolescent students need a special type of attention and curriculum.

The purpose of this workshop is to deal generally with the problems of successful administration of this division and the most appropriate curriculum. Specifically it is planned to give a generous amount of attention to problems posed by the participants of the workshop.

Dr. I. I. Nelson, from the College of Education of the University of Texas, has been secured as co-ordinator for the workshop. Dr. Nelson has an enviable national reputation because of his research activities and his practical work with numerous junior high schools and their staffs. Inquiries may be directed to Dr. Clarence D. Samford.

Aero-Space Education Workshop (Secondary Education 401-4 or Elementary Education 401-4) August 14-25, Monday through Friday, 8:55-11:35 and 1:10-3:50. The purpose of this workshop is to stress the importance of the topic of aero-space education in modern civilization. Every effort will be made to study well the social implications for present day society. Some of the most elementary questions in the scientific background of this period will be answered to the extent that such information is needed by the social studies teacher in discussing these problems. The United States Civil Air Patrol is co-operating with the two departments in arranging and carrying out the duties of this workshop.

The course will point out the numerous available source materials and resource individuals that should be known by elementary and secondary school teachers. It is probable that some optional field trips will be taken. Please direct inquiries or indicate the fact that you want to take the workshop to Dr. J. Murray Lee, Chairman, Department of Elementary Education or to Dr. Clarence D. Samford, Chairman, Department of Secondary Education.

Special Education

The Gifted Child (Special Education 412-4) July 17-28, Monday through Friday, 8:00-3:00. A demonstration class will be taught by an outstanding teacher in conjunction with the theory part of the course. The course will explore problems of screening and identification and will examine methods of enrichment and acceleration. Major emphasis will be on teaching so that students in the workshop will be able to carry out programs in the local school situation.

Theater

Theater Practicum (Theater 322-12 or 519-12). The Department of Theater, which has in past summers conducted a summer-stock company in the

Shepherd of the Hills Theater, Branson, Missouri, and New Salem State Park near Springfield, Illinois, will bring the company to Carbondale for the third summer in 1961.

In the air-conditioned Playhouse, the company will present Eugene O'Neill's *Touch of the Poet*, Ugo Betti's *Summertime*, George Bernard Shaw's *Candida*, Hendrick Ibsen's *Ghosts*, and Ray Lawler's *Summer of the 17th Doll*. The departments of Theater and Music will co-operate in the presentation of an outstanding music drama.

Teachers, college students, and citizens of Carbondale and other Southern Illinois communities who wish to join the company need only register, with the consent of the Department of Theater, for twelve hours in Theater Practicum. Anyone interested in performing only in the music drama should write to Dr. Fred Denker, Chairman, Department of Music.

Summer-stock students learn, in the most practical way, directing, acting, business management, lighting, make-up, scenery building, and painting. Registration for Theater Practicum and membership in the stock company must be completed before June 1. Anyone interested in further particulars about the summer-stock program should write to Dr. Archibald McLeod, Chairman, Department of Theater.

Summer Institutes for High School Teachers

Students enrolling in the biology or mathematics program under grants from the National Science Foundation pay no tuition or fees. They are not entitled to the special student benefits of hospitalization. They are, however, entitled to the normal services provided by the medical staff of the University Health Service. Any obligation incurred by referral to specialists for medical or dental care and any hospitalization expenses are to be paid for by the enrollees. Books and personal materials used in the institute are to be purchased by the student.

Biology

Southern Illinois University is one of several universities selected by the National Science Foundation to offer a special eight-week institute for biology teachers. The institute will run concurrently with the summer session, June 19 through August 11.

The institute is designed to improve the teaching of biology in high school by allowing the participants to extend their preparation in subject matter. It should also contribute to greater mutual understanding and appreciation of teaching problems between secondary and college teachers.

Under terms of the grant from the National Science Foundation, teachers who qualify can receive up to \$75 per week plus \$15 weekly for each of their first four dependents. In addition, they may receive a maximum of \$80 travel

allowance. Tuition scholarships will be provided by the University. Applications for stipends may be obtained from the NSF Summer Institute for High School Teachers of Biology, Room 11, Life Science Building. The completed forms must be postmarked by February 15, 1961.

Southern will award grants to 45-50 selected high school biology teachers. Participants must be experienced teachers in high school biology who expect to continue in the profession. Grants will be made by April 1.

Special institute courses will be offered in botany, microbiology, and zoology. (See Schedule of Classes for specific courses.) Credit in these courses may apply toward the Master of Arts, Master of Science, and Master of Science in Education degrees.

Mathematics

A Summer Institute for High School Teachers of Mathematics, sponsored by the National Science Foundation, will be offered by Southern Illinois University during the 1961 summer session. The purpose of the institute is to improve the teaching of high school mathematics by raising the level of mathematical competence of the teachers.

Approximately forty teachers will be admitted to the institute. Stipends will be provided for the participants by the National Science Foundation, and Southern Illinois University will provide tuition scholarships for them. Applications for participation must be submitted by February 15, 1961.

NONCREDIT COURSES

Orientation for Foreign Graduate Students of Agriculture

A special orientation course for foreign graduate students of Agriculture will be given concurrently with the Summer Session under the supervision of the School of Agriculture. Many such students have had difficulty with terminologies in their fields of study as well as with language. This course is intended to acquaint students with practices, terms, and conditions applying to all phases of agricultural production, marketing, and services. It will provide practical knowledge of crops, implements, livestock, farmsteads, and homes on American farms and broad general information on the agricultural industry of the United States. The language phase of the course will emphasize use of the oral language, since foreign students usually have most difficulty in speaking and comprehending the spoken word. Although it is a noncredit course, it should facilitate greatly the progress of most foreign students in graduate work. The Council on Economic and Cultural Affairs has provided a grant to pay a part of the costs of the course in 1961.

Adult Education Short Courses

The following noncredit courses are sponsored by the Division of Technical and Adult Education. For further details, write to Adult Education, Southern Illinois University, Carbondale, Illinois.

Municipal Finance Officers Training, June 1, 2. This course, offered in co-operation with the Department of Government, has been designed for city and village clerks, treasurers, and mayors. Topics will include sources of revenue, budget preparation, fund management and transfers, purchasing practices, municipal contracting, and planning for expenditures to meet future demands. Tuition: \$6 plus fee for housing, meals, and supplies.

Restaurant and Institutional Food Buying, June 5. This course, designed for those responsible for purchase of food in quantity through the co-operative method, will include cost control, means of measuring quality, and ways to detect fraudulent representation. Tuition: \$3.

Packaging, June 8, 9. This course, planned for management to meet an increasingly important problem of packaging, helps answer questions of the "over-package", the package to convey true corporate image, how to keep the size of the package moderate, and how to use modern technological changes in package design. Tuition: \$6 plus fees for housing, food services, and supplies.

Barge Loading, June 15, 16. This course, offered for dock foremen, longshoremen, and checkers, will include terminal operation of loading, unloading, and handling of liquid, bulk, and special types of cargo. Other subjects included are fleeting for unloading, safety regulations, claim prevention, cost control, and psychology of human relations. The course is offered in co-operation with the Transportation Institute. Tuition: \$6 plus fees for housing, food services, and supplies.

School Office Secretaries, June 17. Designed for those employed as office clerks, stenographers, and secretaries in school offices for principals, superintendents, and boards of education, this course will include better telephone techniques, improvement of supervision of other office workers, building public relations, better filing methods, how to improve person-to-person communication, and improvement of personal appearance. Tuition: \$3.

School Lunch, June 18-23. Mornings will be given over to quantity food products, and the afternoon sessions will deal with evaluations, sanitation,

using the school lunch room for emergency seating, and working with people. The sessions will be held in the Home Economics Building. They are designed primarily for school lunch room workers and administration. Three people from active and school lunch work will assist with the food preparation, and all meals will be prepared while on the Southern Illinois University campus by the students of the class. This course is offered in co-operation with the School of Home Economics. Tuition: \$5 plus additional \$2 for supplies.

Practical Aspects of Foreign Trading for Waterways, July 13, 14. Planned for inland waterways and Great Lakes shipping, the course will be offered in co-operation with the Transportation Institute. Topics to be included are port operation, modes of transportation to and from port terminals, marine insurance, import custom brokerage, marketing United States products abroad. Tuition: \$9 plus fees for housing, food service, and supplies.

School of Advanced Cosmetology, July 16–29. A two-week school, held in co-operation with the Illinois Hairdressers and Cosmetologists Association, is for owners and operators of beauty salons to learn the latest techniques and methods in chemistry of cosmetics, physics of hair, contest work in hairstyling, makeup, salon management, time and motion study, advertising, art, and color design; all to produce higher profits. Housing and food service available.

Illinois Banker's School for Development of Junior Executives, July 30–August 11. This two-week school, held in co-operation with the Illinois Banker's Association each year, is open to employees of banks. Its purpose is to provide techniques and latest methods, among which are bank operation, trusts, Federal Reserve, farm and commercial credit.

Transportation Sales, September 7–9. This course is designed and offered for sales management and sales supervisory staff of all modes of transportation: rail, water, air, and motor carrier. Factors included are producing more sales, responsibility of sales volume, individual effort in sales work, cost of selling, and new means of effort in sales. The course is offered in co-operation with the Transportation Institute. Tuition: \$5 plus fees for housing, food services, and supplies.

Restaurant and Drive-In Management, September 11, 12. Through co-operation with the Illinois and St. Louis restaurant associations, this program is offered in the month of September. Designed for owners, managers, operators, and supervisors, this program includes study of cost factors of purchasing, menu planning, and serving. It emphasizes decorating and arrangement of food service establishment. Study of the credit card business also is included.

Hot Line Maintenance, June 19-23, June 26-30, July 10-14, July 17-21. The goal of this short course is to acquaint electric co-operative personnel with new equipment being introduced in their lines and to enable them to effectively advise members on proper and efficient installations and use of such new equipment.

Lectures and Conferences

Each summer, as well as during the regular school year, various departments schedule conferences, lectures, exhibits, or clinics in co-operation with the Division of University Extension. Several such activities have been scheduled during the 1961 Summer Session. A partial list of those that will be of particular interest to summer school students is provided below.

Annual Coaching Clinic, August 23, 24. Distinguished coaches in both football and basketball present lectures and demonstrations of the principles and techniques applicable to their sport. All Illinois coaches and Southern Illinois University graduates are invited to attend without charge. A small fee is charged other coaches. Additional information is available from Dr. Andrew Vaughn, Department of Physical Education for Men.

Educational Materials Exhibit, June 27-29. This is considered one of the outstanding exhibits of educational materials held in the midwest. Representatives of approximately one hundred publishers and distributors of educational materials will be available to explain their products. For further information contact Dr. Benson B. Poirier, Assistant Dean, Division of University Extension.

Individualized Patient Care, June 26-July 1. A work conference dealing with patient care in nursing is sponsored by the Department of Nursing. It will be conducted by Miss Catherine R. Nelson, Division of Nursing Education, Teachers College, Columbia University. Sessions will be held daily from 7:30 to 3:30 in the auditorium of Morris Library. Enrollment is limited to sixty persons. The registration fee of \$25 must be paid at the time of enrollment. For further information write to Miss Virginia Harrison, Chairman, Department of Nursing.

Magazine Publishers Workshop, June 18-30. This workshop will deal with all phases of magazine publishing. It will be directed by Aron Mathieu, nationally known magazine publisher and founder of *Farm Quarterly*. Enrollment is limited to sixty persons. For further information write to Dr. Howard R. Long, Chairman, Department of Journalism.

Summer Education Conference, June 28, 29. In connection with the Educational Materials Exhibit, the College of Education sponsors a conference dealing with current educational problems. Noted authorities are in attendance to discuss and investigate the various aspects presented by the problems. In 1961 the conference theme will be Integration of Instructional Materials. Additional information can be obtained from Dr. John Mees, University School.

Weekly Newspaper Management Workshop, July 2-8. The whole range of activities in publishing weekly newspapers, circulation, production problems, advertising, etc., will be covered. The workshop will be directed by Mr. Robert Shaw, School of Journalism, University of Washington, and Assistant Director, Washington Newspaper Publishers Association. Mr. Shaw is a specialist in the publishing of weekly newspapers. Enrollment is limited to sixty persons. Additional information can be obtained from Dr. Howard R. Long, Chairman, Department of Journalism.

Programs for High School Students

National Science Foundation Programs

The following special courses for junior and senior high school students of high ability will be offered during the summer session:

Unit 1	Mathematics and Physics	June 19 to June 30
Unit 2	Physiology and Microbiology	June 19 to June 30
Unit 3	Chemistry and Mathematics	July 10 to July 21
Unit 4	Physiology and Physical Anthropology	July 10 to July 21
Unit 5	Chemistry and Microbiology	July 24 to August 4
Unit 6	Geography and Geology	July 24 to August 4
Unit 7	Botany and Zoology	July 24 to August 4

These courses are designed for scholarship winners and other students in the upper quarter of their classes. Courses will be offered in units of related subjects with each course in a unit scheduled for two weeks with one morning and one afternoon session in each unit. A student will register for one unit of work.

There are no tuition charges, and no credit is given. The National Science Foundation is supporting this program. Board, room, and travel will be awarded to a limited number of participants on the basis of need.

Participants showing special ability will be given the opportunity to remain an extra week or more and assist a research staff member in some phase of his research work.

Courses are open to high school students who are juniors or seniors in the spring of 1961. Application forms may be obtained from your high school or

by writing to Dr. Howard G. Applegate, Department of Botany, Southern Illinois University, Carbondale, Illinois.

Summer High School Workshops

During the summer of 1961, Southern Illinois University will conduct its fifth annual Summer High School Workshop program. The 1961 program will consist of workshops in the following areas: journalism, radio and television, debate and drama. The workshops are open to superior high school students who are currently in their sophomore or junior years. The workshops will run, concurrently, for a period of four weeks beginning July 2. High school students will live in university-supervised residence halls. Each of the workshops is designed to provide an enriching experience for high school students interested in communications. The students who attend should be those who will return to their schools with attitudes and skills which make for better high school programs.

In the *journalism* workshop, students will learn how to produce better school newspapers and yearbooks. They will receive training in photography under the directions of instructors from the Department of Printing and Photography. Journalism students will write and edit four issues of a workshop newspaper and a publication similar to a yearbook. In the last part of the workshop period they will also be given writing assignments for *The Egyptian*, Southern's student newspaper.

The *debate* students study and prepare cases in the problem area of the national high school debate proposition. In this workshop, experiences are also provided in oratory, extemporaneous speaking, discussion, and after-dinner speaking.

The *drama* workshop consists of work in technical theater, staging, acting, and production with emphasis on training the individual through the use of monologues, excerpts from plays, and other presentational activities.

The *radio and television* workshop will provide experiences in announcing, programming, writing, and producing radio shows. Students in this workshop will use the University's radio-television facilities. Some experience will be offered in television production.

A social program of swimming, field trips, dances, horseback riding, plays, and operettas is also provided.

For further information concerning any of the workshops write to Mr. Marlan D. Nelson, Summer School High School Workshop Co-ordinator, Department of Journalism, Southern Illinois University, Carbondale, Illinois.

2 / General Information Concerning the University

THE GENERAL administrative offices for the University's campuses at Carbondale, Southern Acres, and Little Grassy Lake are located at Carbondale. The Southwestern Illinois Campus, which is the administrative office for the Alton and the East St. Louis campuses, is located at Edwardsville.

The facilities at Carbondale now include more than twenty-three hundred acres of land, thirty-six permanent buildings, and numerous temporary buildings. These buildings house classrooms, auditoriums, laboratories, libraries, offices, living quarters, cafeterias, and farm equipment and animals. The Little Grassy Lake and Southern Acres campuses are each about ten miles from Carbondale.

The facilities of the former Shurtleff College have been leased by the University for the operation of the Alton campus. The East St. Louis campus is located at the former East St. Louis High School building.

UNIVERSITY LIBRARIES

The university library system consists of four subject libraries (Education, Humanities, Science, and Social Studies), an Audio-Visual Department, and a Textbook Rental Service, all housed in Morris Library. There are also branch libraries in the University School, the Vocational-Technical Institute, Little Grassy Camp, and at the centers at Alton and East St. Louis.

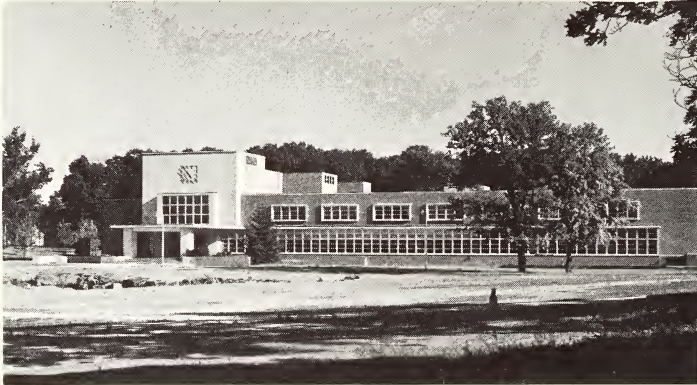
Morris Library on the Carbondale Campus contains some 400,000 volumes plus a collection of 70,000 maps, 2,000 phonograph records, 3,500 films, and a curriculum collection of some 10,000 items. With the exception of a small collection of rare books, the entire book collection is arranged in "open stacks."

Morris Library provides a lounge for informal study and for reading current newspapers and periodicals of a general nature. Graduate students have a special study area and locker facilities. Group study areas are provided in each subject library. A browsing room, furnished informally, contains books of current information in many fields. Individual and group listening rooms permit stu-

dents to use the record collection. Preview rooms in the Audio-Visual Department provide for individual and group viewing of films.

Facilities for use of microtext are also provided. The library staff is prepared to assist students in locating books and other materials and in giving instruction in the use of bibliographic tools.

The library collection is particularly strong in American and English history and literature, education, the biological sciences, in modern social, political, and economic affairs.



MORRIS
LIBRARY

The University is one of eighteen members of the Human Relations Area Files, a major source of research findings in the behavioral sciences. The files, housed in the Social Studies Library, consist of more than one and one-half million documents relating to 170 world cultures.

As part of the services of the university library system, a textbook rental system is operated for the benefit of students. Each quarter, students are furnished with the basic textbooks required for their courses. The books are returned at the end of the quarter, but students interested in purchasing any of them for their personal libraries may do so at reduced costs.

HEALTH SERVICE

The primary purpose of the Health Service is to cultivate in students both physical and emotional health.

To serve this purpose the University maintains a well qualified staff of physicians, nurses, and technicians which serves a large and active out-patient clinic. Any student enrolled in the University may consult the Health Service, free of charge, for any illness or related problem that he or she may have and receive indicated diagnostic workups and treatment. Diagnostic and treatment equipment include a modern laboratory, X-ray department, physical therapy unit, and

in some instances referral to area specialists for more detailed diagnostic or treatment procedures.

The Health Service maintains a modern pharmacy where students may purchase necessary drugs or medications on a cost basis on prescription from a University physician.

A well qualified psychiatrist is on the medical staff, rendering consultative and treatment services for emotional upsets and illnesses that may occur.

Other services include the maintenance of immunization programs for polio, typhoid, diphtheria, tetanus, and smallpox, without charge to students.

Detailed information concerning hospitalization, the maintenance of a Student Medical Benefit Fund, and procedures to be followed in the event of illness or accident may be obtained from the Health Service.

STUDENT WORK PROGRAM

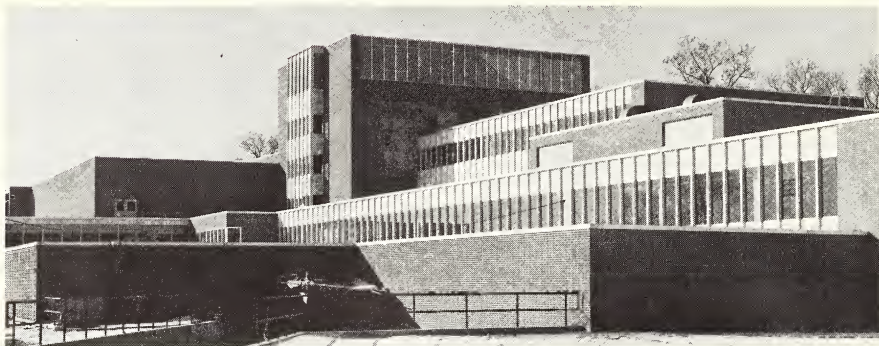
The Student Work Office assists students in obtaining part-time work to defray a portion of their educational expenses while attending Southern. The Student Work Office is a referral agency and cannot promise jobs to students. However, every effort is made to place students with financial need in either on-campus or off-campus jobs. Inquiries relative to student employment should be addressed to the Student Work Office.

RECREATION

Carbondale is situated in a natural recreation area affording many summertime recreational opportunities. Giant City State Park is a popular picnic resort ten miles to the south of Carbondale. Excellent swimming, boating, fishing, and picnic facilities are available at the Campus Lake as well as at Crab Orchard Lake, Little Grassy Lake, and Lake Murphysboro, all within ten miles of Carbondale.



The beach and beach house at CAMPUS LAKE



A variety of activities will be available at the new UNIVERSITY CENTER.

The University gives attention to the students' recreation and entertainment needs. During the summer session, group trips are planned to attend the St. Louis Municipal Opera and to visit various historical sites in Southern Illinois. Swimming and intramural recreation programs are sponsored by the physical education departments. Outdoor square-dancing programs are available. Weekly free movies, this year to be on Wednesday nights, are provided by Audio-Visual Services. All of these programs are designed to provide suitable outlets for the students' recreational entertainment needs.

Educational opportunities other than those provided through course-work are also available. Special educational conferences permit students to participate in open sessions. Informal social hours are planned in order for students and faculty to become better acquainted. Constantly changing exhibitions are provided by the Department of Art in the Allyn Gallery and by the University Museum in Altgeld Hall.

The Department of Theater, which has in past summers conducted a summer stock company in the Shepherd of the Hills Theater, Branson, Missouri, and in the New Salem State Park near Springfield, Illinois will bring the company to Carbondale again this summer. In the air-conditioned Playhouse the company will present five plays and, in co-operation with the Department of Music, a musical comedy in Shryock Auditorium.

MOTOR VEHICLES

All motor vehicles owned or operated by students must be registered at the Office of Student Affairs.

Undergraduate students are not permitted motor vehicle driving privileges. However, a student may petition to the Office of Student Affairs to be classified as an exception to the rule.

3 / Housing

IN HOUSING students, the University is responsible for developing and operating facilities to provide excellent food, comfortable and usable study and sleeping facilities, and adequate counseling and referral services. Beyond that, Southern is experimenting with ways to fuse the experience of living with the learning that must go on in higher education.

Assignments to university residences are made on a first-come, first-served basis. The exception to this is that a few spaces are reserved for some students from other countries and students receiving rehabilitation aid.

Contracts for housing are issued only to students who have been admitted to the University, but admission to the University *does not guarantee* that housing will be available.

The rates charged by the University for various housing units are established on the basis of current costs, and a sincere effort is made to keep these costs at a minimum. However, all rates for university housing are subject to change from time to time.

UNIVERSITY HOUSING FOR UNMARRIED STUDENTS

Thompson Point

Two residence halls at Thompson Point are available for men during the summer session. The cost for room and twenty meals per week is \$148. Non-residents may contract for board only at a cost of \$106 for the session. The student government also collects \$2 dues for social events.

Woody Hall

A portion of Woody Hall is set aside for the residence of women during the summer session. The cost is \$148, which covers housing for the session and twenty meals per week. Nonresidents may contract for board only at a cost of \$106 for the session. The student government also collects \$2 dues for social events.



THOMPSON
POINT RESIDENCE
HALLS stand on
the banks of
Campus Lake.

Co-operative Housing

A limited number of co-operative housing facilities for men are available at Southern Acres, ten miles east of the Carbondale campus. These facilities allow the residents to provide their own meals and to do their own janitorial maintenance. Rent for the entire session is \$34.

UNIVERSITY HOUSING FOR MARRIED STUDENTS

Southern Hills Apartments

These facilities are the first permanent accommodations for married students to be provided by the University. Three types of apartments are available in this area: two bedroom, one bedroom, and efficiency. All Southern Hills Apartments are furnished. The rental rate for an apartment varies from \$60 to \$75 per month plus a \$15 service-utility charge.

Southern Acres Apartments

Residential facilities for married students are provided at Southern Acres. These units are temporary buildings, and the apartments range in size from one to three bedrooms. All Southern Acres Apartments are unfurnished with the exception of an electric stove. The rental rate for an apartment varies from \$36.50 to \$46.50 per month including utilities.

Chautauqua Street Apartments

A number of unfurnished Chautauqua Apartments may be available adjacent to

the main campus. The rent varies from \$42.50 to \$52.50 per month with a gas stove and utilities included.

OFF-CAMPUS HOUSING

The University also attempts to provide information on off-campus housing facilities. Lists of vacancies for single and married students are available in the Housing Office. Vacancies listed by the Housing Office are classified as approved and nonapproved university housing. Those units which are approved must meet minimum sanitation and safety standards as established by the University. Signed contracts with householders are often required. It is suggested that renting by mail may not prove satisfactory.

Few off-campus housing areas offer meals. Meals may be obtained in cafeterias or restaurants on or off campus. Among the listings of off-campus facilities in the Housing Office are those of organized houses which elect officers and carry on group activities.

4 / Admission and Registration

ADMISSION

ALL INQUIRIES concerning admission to the University at Carbondale should be directed to the Admissions Office. Applications for the 1961 summer session should be made not later than May 15 so that the necessary work of processing may be completed.

Admission to Southern constitutes admission to a particular college or instructional unit except in the case of a person who is admitted as an unclassified student.

Freshman Students

To be eligible for admission, a person must be either a graduate of a recognized high school, at least twenty-one years of age, or a military veteran. A person twenty-one years of age and not a high school graduate is required to pass the General Educational Development Test during the first period of attendance at Southern. A military veteran who is neither a graduate of a recognized high school nor at least twenty-one years of age may qualify for admission by passing the G.E.D. Test.

A high school senior who ranks in the upper three-fourths of his graduating class will be admitted at the close of his seventh semester, subject to the successful completion of his high school work.

A student who has graduated from an approved secondary school, and who ranks in the lowest fourth of his graduating class, will be permitted to enter (on scholastic probation) for the summer session. A student in this category must register for more than six hours during the summer session.

A student with no previous college work, who is admitted to the summer session on scholastic probation, may continue during the fall quarter provided he earns a "C" average or above during the summer.

All new students at Southern Illinois University must take the Guidance Test Battery. Information about the testing dates is sent to students inquiring about admission. In addition, all students are encouraged to take the American College Testing Examination. Information about the dates of these examinations may be had through the high school principal or guidance director.

Transfer Students

To be considered for admission to advanced standing, a student who has attended other colleges or universities must present a transcript of his previous academic work from each college and university attended. The only exception to this regulation is for the student who plans to attend Southern only during the summer session. Such a student will be admitted on the basis of a letter of good standing from the registrar of the institution the student last attended.

All transfer students are subject to the University's scholarship rules. A transfer student who is not in good scholastic standing under our scholarship rules may enter (on scholastic probation) the summer, winter, or spring quarters only, subject to the approval of the appropriate academic dean. A transfer student suspended for poor scholarship from the last institution attended who would also have been suspended under Southern's scholarship rules is not eligible for admission until at least one quarter has elapsed from the date of suspension. A transfer student suspended for any reason other than academic failure must be cleared by the Office of Student Affairs before admission will be granted.

All transfer students must take the Guidance Test Battery or submit to the Testing Service the results of such tests taken at other institutions.

Former Students of Southern

A former student of Southern, not in attendance on the Carbondale Campus at the close of the quarter preceding application for re-admission, must apply to the Admissions Office for re-entrance clearance. A student who attended the 1960 summer session and was in good standing at the close of the session need not apply for re-entrance clearance prior to registration for the 1961 summer session.

A former student who is not in good standing must clear his status before the Admissions Office will prepare his registration permit. It is advisable for such a student to initiate re-entrance clearance early so that all inquiries may be answered and so that the applicant can find time to satisfy any requirements that may be imposed upon him.

A former student who has attended another college or university since leaving Southern must present either an official transcript of such work or a letter from his registrar showing that he is in good academic standing.

Unclassified Students

A mature person, not a degree student at Southern or at any other institution,

who wishes to register for particular courses offered in any of the departments of the University may be admitted as an unclassified student. Such a student must present satisfactory evidence that he is prepared to take advantageously the work required.

Application for admission as an unclassified student should be made at the Admissions Office. Every such student must sign a statement indicating that he is not a degree student and that credit received cannot be applied toward a degree at this University while he is enrolled as an unclassified student.

A person desiring to register for only one or two courses may do so in the Admissions Office. A person desiring to take more than two courses is referred to the regular academic adviser for unclassified students. A person who has already received a bachelor's degree and wishes to register as an unclassified student is referred to the Graduate School for registration.

Graduate Students

Any qualified student may apply for admission to the Graduate School any time during the calendar year. Application forms may be obtained from the Admissions Office. Admission to the Graduate School will not be granted until complete transcripts of all previous college work are on file in the Admissions Office. Transcripts must reach the Admissions Office at least one month prior to the time the applicant expects to enter Southern in the case of one seeking the master's degree, and four months for one whose aim is the doctorate.

A student who wishes to enter the Graduate School immediately after graduation may submit, during the final quarter or semester of undergraduate work, a transcript showing the courses he is taking, together with a statement from his registrar that graduation will follow successful completion of his current enrollment.

An undergraduate student who is within one quarter's work (sixteen hours) of meeting requirements for the bachelor's degree may take courses for graduate credit by applying for admission to the Graduate School and obtaining approval for the proposed major from the departmental chairman. An undergraduate student who takes courses for graduate credit must obtain the approval of the dean of the Graduate School at the time of registration.

A student who holds the bachelor's degree and who does not wish to become a candidate for a higher degree or for another bachelor's degree but who wishes to take work in the University should apply for admission as an unclassified graduate student.

Admission to the First Year of Graduate Study is a two-part process. The first step is admission to the Graduate School; the second is approval for a particular department or major. (See Admission to Full Graduate Standing.)

Unconditional admission to the Graduate School for the first year of graduate study is granted to graduates of fully accredited colleges and universities whose undergraduate averages are equivalent to 3.2 or above on a 5-point grading scale. Grades for previous graduate work must be "B" or above.

Graduates of institutions of limited accreditation who have 3.2 or above may be granted conditional admission, depending upon the merits of the institution concerned.

Admission to Advanced Graduate Study is a two-part process. The first step is admission to the Graduate School; the second is approval for a particular department or major. (See Admission to Full Graduate Standing.)

Admission to the Sixth-Year Specialist's Certificate program is based on the applicant's previous academic record, his educational experience, and his proposed goal.

Unconditional admission to the Graduate School on the advanced graduate level is granted to any student who holds an approved master's degree and whose average in graduate work is equivalent to 4.5 or above on a 5-point grading scale.

Conditional admission to the Graduate School on the advanced graduate level is granted to any student who holds an approved master's degree and whose average in graduate work is between 4.25 and 4.5 on a 5-point grading scale or the equivalent.

Admission to Full Graduate Standing. After admission to the Graduate School has been completed, the dean of the Graduate School initiates action for approval of the desired major. The departments are permitted two weeks in which to approve majors on the master's level, and ninety days on the doctoral level. The dean informs each student of the action taken by the departmental chairman and of any conditions which must be fulfilled before the major can be finally approved. Entrance examinations in the case of any student may be required prior to action by the proposed major department toward the applicant.

The student attains full graduate standing when he has fulfilled the stated conditions of his major department, has satisfied the English usage requirement of the Graduate School, and has completed any other general examination which may be required of graduate students.

REGISTRATION

The Carbondale Campus uses a central advisement and an advance registration system. The advance registration period for the 1961 summer session is from April 10 through June 2 and on June 15 and 16. Summer session students

should make every effort to consult their academic advisers and register during the advance registration period. Otherwise, they might not be able to secure needed, or desired, courses.

Initiation of Summer Registration

Undergraduate Students in attendance at Carbondale during the 1960 summer session or the 1961 spring quarter should initiate the registration process by reporting to the Academic Advisement Center, 1218 South Thompson Street. Off-campus students should write in advance for an appointment.

A student who has taken work from Southern (Carbondale Campus) either in residence or through extension but who was not in residence during the 1960 summer session or the 1961 spring quarter must contact the Admissions Office for clearance prior to registration.

A new undergraduate student must contact the Admissions Office to be admitted.

A student who is attending or has attended the Southwestern Illinois Campus (East St. Louis or Alton) and who wishes to enroll for the summer session at the Carbondale Campus, must submit to the Admissions Office in Carbondale either an official transcript showing all previous college work or a letter of good standing from the registrar at the Southwestern Illinois Campus. This must be done prior to admission and registration.

Graduate students should follow the procedure outlined above, except that graduate students who attended the Carbondale Campus during the 1960 summer session or the 1961 spring quarter should initiate the registration process by reporting to the Graduate School Office, 309 West Mill Street.

Advisement

Academic advisers are available by appointment throughout the advance registration period, but June 15 and 16 and Saturday mornings are reserved for students who were not on campus during the 1961 spring quarter.

Sectioning

Following advisement, registrations are processed at the Sectioning Center, 1218 South Thompson Street. The Sectioning Center is open from 8:30 A.M. to 4:30 P.M., Monday through Friday, April 10 through June 2. Registration will also be processed until noon on Saturdays during this period and on June 15 and 16, for students who were not on campus during the 1961 spring quarter. On May 27 registrations will not be processed after 11:00 A.M.

Fees for the 1961 Summer Session

A student who registers by May 27 will receive his fee statement by mail. If his fees are not paid by 3:30 P.M., June 9, his advance registration will be canceled. Anyone who registers from May 29 through June 2 or on June 15, 16, or 19 must pay his fees at the time he registers.

REGULAR FEES

Tuition	\$31.50
Student Activity Fee	7.15
Student Union Building Fund Fee	5.00
Book Rental Fee	5.00
Total	<u>\$48.65</u>

SPECIAL FEES

Out-of-State Fee	\$37.50
Late Registration Fee—\$2.00 first day, \$1.00 increase each day to maximum of	5.00
Program Change Fee	2.00
Completion of an Incomplete Course Fee	1.00
Graduation Fee	17.00
Graduate Aptitude Test Fee	3.00
Graduate Student Matriculation Fee (For graduates of schools other than Southern)	5.00

Students attending under state teacher-education, military, or general-assembly scholarships are required to pay the Student Union Building Fund Fee and the Book Rental Fee. Veterans attending under Public Laws 16 and 894 are not required to pay any of the regular fees. Students attending under Public Law 550 are required to pay fees, both regular and special, and may not use military scholarships for waiving payment of any fees.

Students taking up to six hours, inclusive, pay one-half tuition, one-half out-of-state fee (if applicable), one-half book rental fee, and full student union building fund fee. Also, such students may elect to pay the student activity fee or not, depending upon their individual wishes.

Course Changes and Withdrawals from the University

A prescribed procedure must be followed by a student who desires to change his program or to withdraw from the University while the period for which he has registered is in progress. Failure to follow the official procedure will result in academic penalty.

No student may make a program change until he has paid his fees.

Program changes by an undergraduate student must be initiated with his academic adviser. Changes by a graduate student must be approved by the chairman of the student's advisory committee and the dean of the Graduate School. Program changes may be made after the student has paid his fees, but no changes will be accepted at the Sectioning Center on June 19. Program changes made for reasons other than "for the convenience of the University" will carry a \$2 fee.

Official withdrawal from the University is initiated at the Office of Student Affairs. A student who officially withdraws on or before July 1 may obtain a full refund of fees provided his application for a refund is submitted to the Registrar's Office not later than July 3. Otherwise, no refund is permitted.

Unit of Credit

The *quarter hour* is the unit of credit used at Southern and throughout this bulletin. One quarter hour is equivalent to two-thirds of a semester hour.

Academic Load

The normal academic load for the eight-week session is ten to twelve hours. A student with special needs may, by permission of the dean of his academic unit, take a maximum of fourteen hours. A student on probation may not register for more than ten hours. A student is considered a full-time student during the summer session if he carries eight or more hours.

Class Periods

Each summer session class period is seventy-five minutes in length. Ten minutes are allowed between consecutive class periods. The schedule of summer session class periods follows.

PERIOD	C.D.T.	PERIOD	C.D.T.
1	7:30-8:45	4	11:45-1:00
2	8:55-10:10	5	1:10-2:25
3	10:20-11:35	6	2:35-3:50

Grading System

Letter grades are interpreted as follows:

	GRADE POINTS PER HOUR
A, Excellent	5
B, Good	4
C, Satisfactory (This is intended to be the average grade.)	3

D, Poor, but passing	2
E, Failure; all work completed including final examination, but failed	1
W, Course not completed; includes incomplete records of all kinds (except deferred for graduate students)	0-5

A grade submitted at the end of a course is final and may not be raised by additional work.

Any student who withdraws from a course without following the prescribed procedure receives a grade of "W-E" in the course regardless of when the withdrawal occurs. An official withdrawal for a course is initiated with the student's academic adviser.

A course from which a student officially withdraws during the first three weeks is not shown on his academic record. A withdrawal after the first three weeks is shown on his record as a "W" followed by a number which indicates the week of the official withdrawal. In the case of an undergraduate student the grade which he was making at the time of withdrawal is also indicated (for example W4B). Exceptions to the above rules may be permitted for unusual circumstances but only through written approval of the student's academic dean. A graduate student may receive a grade for a course from which he officially withdraws after the third week at the discretion of the instructor.

Any change of grade, as upon the completion of a "W," must be reported within a year after the close of the session in which the course was taken. A fee of one dollar is charged for completion of a course marked "W," unless the fee is waived on recommendation of a university physician.

A student who, for any reason, must miss the final examination may not take an examination before the one scheduled for the class. In this case a "W-8" with a grade is recorded by the instructor. The final examination may be given at a later date, within one year. A complete record of all changes in grades will appear on the official transcript.

Requirements for the Bachelor's Degree

Each candidate for the degree must complete a minimum of 192 hours of credit in approved courses. At least 64 must be in senior college courses, of which 48 must be earned at Southern, 16 of which may be earned in extension from Southern. Each student must have a "C" average, and grades not lower than "C" in subjects aggregating at least three-fourths of the work. A "C" average is required in the major subject. These averages are required for the credit made at Southern as well as for the total record.

The following requirements should be met by all degree candidates of the University within the first two years of attendance.

REQUIREMENTS	HOURS	COURSES
Social Studies	20	Economics 205, Geography 100, Government 101, History 101, 102, 103, Sociology 101 (work in four of the five departments)
Humanities	18	
English	(9)	English 101, 102, 103
English	(6)	English 205, 206, 209, 211, 212
Art or Music	(3)	Art 120, Music 100
Biological Sciences	9	
Health Education	(4)	Health Education 100
Botany or Zoology	(5)	Botany 101, 202, Zoology 100
Mathematics and Physical Sciences	12	Chemistry, physics, and mathematics (work in two of the three departments)
Practical Arts and Crafts	3	Agriculture, business administration, home economics, industrial education (not required if the student has had any of this work in high school)
Physical Education	6	Activity courses
Air Science (Men only)	3	Air Science 110, 210, 220, six quarters of leadership laboratory, and three elective courses must be satisfactorily completed before this requirement is fulfilled.
TOTAL	71	

5 / Map of Carbondale Campus

THE MAP on pages 38 and 39 has been prepared primarily to help students find classrooms, offices, and housing.

Legend

Abbreviations for buildings in which classes are held are listed alphabetically on page 54, along with the corresponding names and numbers. The following legend lists buildings alphabetically and numerically.

Alphabetical List of Buildings

Buildings listed below are arranged alphabetically in five categories: (1) classrooms and offices, (2) state building, (3) religious foundations, (4) housing, (5) services.

CLASSROOMS AND OFFICES	
T35	Admissions Office (H-6)
T15	Administrative Deans (F-7)
T65	Advisement Center & Sectioning (H-5)
T65	Agriculture Building (I-4)
T29	Agriculture Shop (G-4)
3	Allyn Building (G-6)
2	Altgeld Hall (I-7)
T14	Alumni Office (E-6)
18	Animal Building (J-4)
5	Anthony Hall (F-7)
T97	Anthropology Department (P-5)
57	Applied Science Laboratories (B-5)
T46	Area Services (Conference House) (E-6)
T116	Asian Studies Office (P-5)
T94	Botany and Zoology (L-4)
T32	Business School (G-5)
T34	Bursar & Auditor (H-6)
T33	Business Manager & Accountant (G-6)
T39	Cafeteria (H-6)
T66	Central Clinical Services (L-4)
T99	Central Research Shop (N-4)
T85	Civil Defense (E-10)
T127	Community Development (L-3)
T140	Community Development (L-4)
T20	Computing Center (G-6)
T100	Coordinator of Research (P-4)
T125	Design Department (L-3)
T126	Design Department (L-3)
T128	Design Department (L-3)
T129	Design Department (L-3)
T31	Economics Department (H-5)
T40	Education Classes, Offices (J-6)
T41	Education Classes, Offices (J-6)
T42	Education Classes, Offices (J-6)
T108	Education (Secondary & Higher) (L-5)
T130	Education College Dean's Office (N-5)
T136	English Department Offices (L-8)
T91	English Department Offices (O-7)
T102	English Department Offices (L-8)
T15	Extension Division (F-7)
T17	Faculty Secretary (F-6)
T115	Film Development Unit (N-4)
T86	General Publications (D-10)
T105	Geography (Climatology Research) (K-3)
T106	Geography (Mississippi Valley Investigations, Cartography) (K-3)
T119	Geology (L-3)
T107	Geology (L-3)
T137	Government and Local Gov't Center (M-8)
T77	Graduate School (N-8)
19	Greenhouses (J-4)
T74	Guidance Department (M-4)
7	Gymnasium (E-7)
T16	Health Education (F-6)
T85	Health & Safety Education (E-10)
T44	Health Service (B-8)
T98	Health Service (B-9)
42	Home Economics Building (I-8)
T113	Housing Center (C-10)
T133	Housing Center (C-10)
T25	Industrial Education Shops (F-6)
T26	Industrial Education (Applied Science) (F-4)
T27	Industrial Education (Applied Science) (F-4)
T87	Industrial Education (Applied Science) (D-10)
T134	Information Service (M-4)
T81	Isotope Research O-4)
T48	Journalism and Egyptian (G-4)
T124	Labor Institute (O-4)
T92	Latin American Institute (B-9)
17	Life Science Building (K-4)
T138	Management Department (O-4)
T109	Marketing Department (M-5)
T110	Mathematics Department (P-6)
T111	Mathematics Department (P-6)
T96	Mentally Retarded Program (O-4)
13	McAndrew Stadium (E-6)
25	Morris Library (J-5)
1	Old Main Building (G-7)
4	Parkinson Building (G-6)
T90	Perception Research (Rehabilitation) (O-4)

Alphabetical List of Buildings (Continued)

- T13 Personnel Office (E-7)
- T27 Photography and Printing Dept. (F-4)
- T132 Photographic Service (C-9)
- T76 Physical Education & Research (N-8)
- T58 Physical Education (F-8)
- T120 Plan "A" House (E-4)
- T34 Placement Service (H-6)
- T36 Playhouse (H-6)
- T18 Post Office (F-6)
- T45 President's Office (I-6)
- T122 Psychology Graduate Lounge (M-4)
- T68 Psychology Offices & Classes (M-4)
- T69 Psychology Offices & Classes (M-4)
- T70 Psychology Offices & Classes (M-4)
- T71 Psychology Offices & Classes (M-4)
- T73 Psychology (Industrial) (N-4)
- T60 Psychology Offices (M-4)
- T95 Psychology & Nursery (L-3)
- T33 Purchasing Office (G-6)
- T37 Radio Studios & Classes (H-6)
- T108 Reading Center (L-5)
- T84 Recreation & Outdoor Education (E-10)
- T35 Registrar's Office (H-6)
- T62 Rehabilitation Institute (M-4)
- T93 Rehabilitation Institute (M-4)
- T103 Rehabilitation Institute (M-4)
- 6 Shryack Auditorium (H-6)
- T80 Small Business Institute (P-5)
- T121 Sociology Department (O-7)
- T104 Sociology Department (O-7)
- T79 Sociology Department (O-7)
- T75 Special Education Department (M-4)
- T38 Speech Department (H-6)
- T61 Speech & Hearing Clinic (M-4)
- T35 Statistical Service (H-6)
- T82 Stenographic Service (K-8)
- T19 Student Affairs Offices (F-6)
- T18 Student Union (F-6)
- T15 Student Work Office (E-6)
- T17 Testing Service (F-6)
- T78 Technical & Adult Education Office (N-8)
- 45 University Center (under construction) (F-5)
- T117 University Press (I-4) (N-4)
- 23 University School (L-7)
- 21 University School (Ind. Edu. wing) (L-6)
- T63 University Store (G-8)
- 22 University Swimming Pool (M-6)
- 83 Vice President's Office, Carbondale Campus (I-8)
- 8 Wheeler Hall (H-7)
- T67 Wildlife Research (L-4)

STATE BUILDINGS

- S1 Illinois Public Health Laboratory (M-3)

RELIGIOUS FOUNDATIONS

- R1 Baptist Foundation (Southern) (J-6)
- R2 Baptist Foundation (Southern) (N-5)
- R5 Episcopal Foundation (O-8)
- R3 Student Christian Foundation (H-9)
- R4 Wesley Foundation (Methodist) (K-9)

HOUSING

- H1-H33 Chautauquo Housing Area (K & L-3)
- H49-H58 Chautauquo Housing Area (K & L-3)
- H75 Group Housing (C-9)
- T1-T9 Dowdell Halls (Men's Residence) (A-8 & 9)
- 113-114 Group Housing Units (L-2)
- 117-127 Southern Hills Family Housing (A-7)
- T57 Illinois Avenue Residence Hall (J-9)
- H36 President's Home (J-6)
- 27-34 Thompson Point Residence Area (I-3)
- 27 Lentz Hall (Student Service Center) (J-3)
- 28 Bailey Hall (I-3)
- 29 Pierce Hall (I-3)
- 31 Bowyer Hall (H-3)
- 32 Steagall Hall (I-3)
- 33 Brown Hall (I-3)
- 34 Felts Hall (I-3)
- 205 Trailer Park (A-10)
- 24 Woody Hall (Women Students) (J-7)
- H74 University Avenue Residence Hall (L-9)
- H37 University Courts (K-9)

SERVICES

- 79 Beach House (I-2)
- T135 Faculty Club (E-5)
- 14 General Stores,
- 56 Laundry (B-5)
- 14 Physical Plant (B-5)
- 14 Printing Service (B-5)
- 15 Physical Plant Garage (C-5)
- 12 Power Plant (B-5)
- 78 Shelter & Boat Dock (F-3)
- 204 Radio Transmitter (H-1)
- 14 University Architect

Numerical List of Buildings

Buildings listed below are arranged numerically in five categories. The letter preceding the number determines the category: (1) no letter, (2) the letter H, (3) the letter R, (4) the letter S, (5) the letter T.

NO LETTER

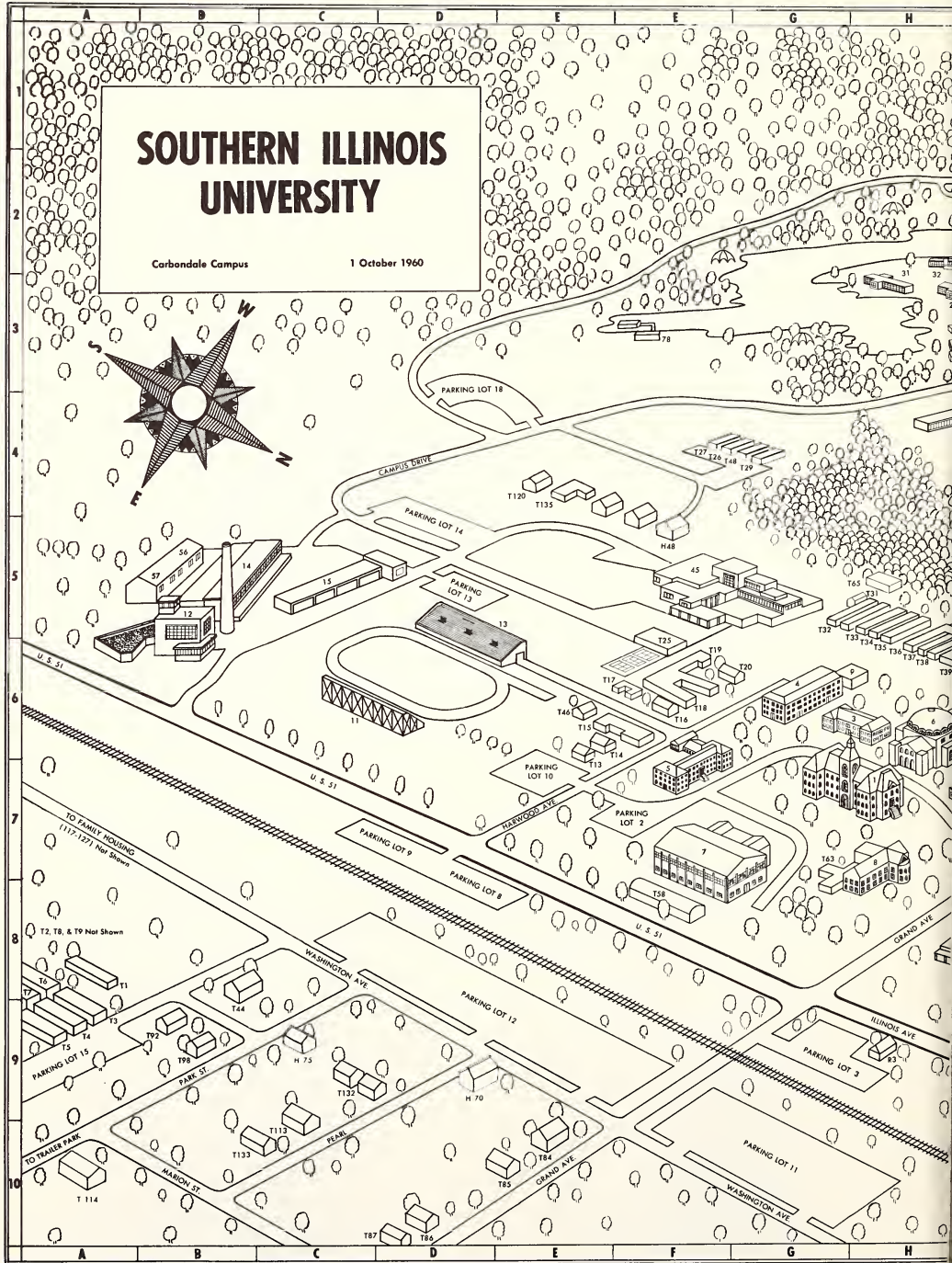
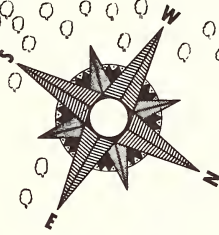
- 1. Old Main (G-7)
- 2. Altgeld Hall (I-7)
- 3. Allyn Building (G-6)
- 4. Parkinson Building (G-6)
- 5. Anthony Hall (F-7)
- 6. Shryock Auditorium (H-6)
- 7. Gymnasium (E-7)
- 8. Wheeler Hall (H-7)
- 9. Browne Auditorium (G-6)
- 12. Power Plant (B-5)
- 13. McAndrew Stadium (E-6)
- 14. General Stores, Physical Plant, Printing Service, University Architect (B-5)
- 15. Physical Plant Garage (C-5)
- 17. Life Science Building (K-4)
- 18. Animal Building (J-4)
- 19. Greenhouses (J-4)

- 21. University School (Industrial Education Wing) (L-6)
- 22. University Swimming Pool (M-6)
- 23. University School (L-7)
- 24. Woody Hall (J-7)
- 25. Morris Library (J-5)
- 26. Agriculture Building (I-4)
- 27. Lentz Hall (Student Service Center) (J-3)
- 28. Bailey Hall (I-3)
- 29. Pierce Hall (I-3)
- 31. Bowyer Hall (H-3)
- 32. Steagall Hall (I-3)
- 33. Brown Hall (I-3)
- 34. Felts Hall (I-3)
- 42. Home Economics Building (I-8)
- 45. University Center (F-5)
- 56. Laundry (B-5)
- 57. Applied Science Laboratories (B-5)
- 78. Shelter & Boat Dock (F-3)
- 79. Beach House (I-2)

SOUTHERN ILLINOIS UNIVERSITY

Carbondale Campus

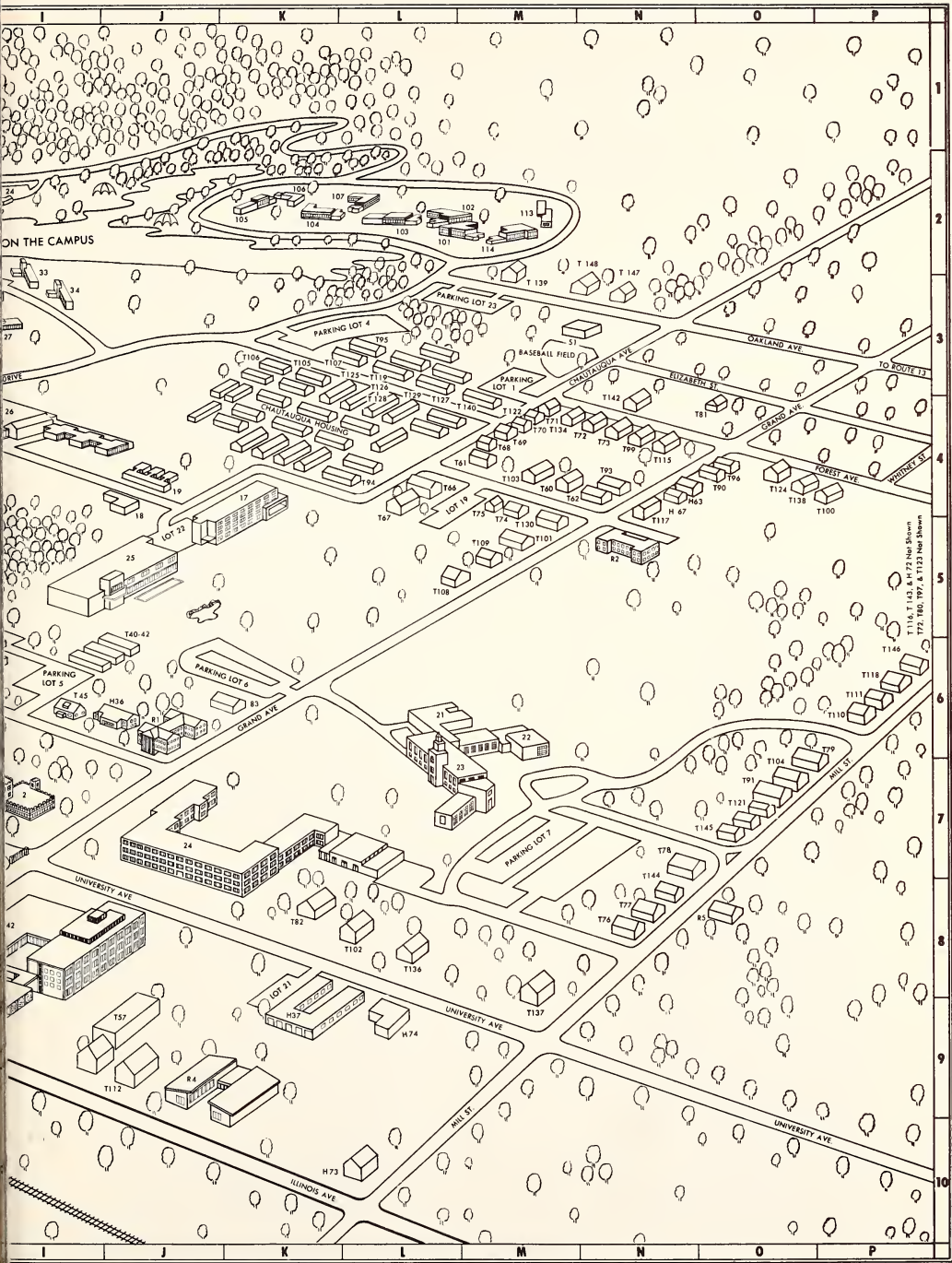
1 October 1960



TO FAMILY PARKING
T117-127 Not Shown

T2, T8, & T9 Not Shown

TO TRAMER PARK
T 114



ON THE CAMPUS

T 116, T 143, & T 173 Not Shown
T 72, 180, 197, & T 123 Not Shown

I J K L M N O P

1 2 3 4 5 6 7 8 9 10

Numerical List of Buildings (Continued)

83. Vice-President's Office, Carbondale Campus (I-8)
 101-114. Group Housing (L-2)
 117-127. Southern Hills Family Housing (A-7)
 204. Radio Transmitter (H-1)
 205. Trailer Park (A-10)
- H**
- H1-H33. Chautauqua Housing (K & L-3)
 H36. President's Home (J-6)
 H37. University Courts (K-9)
 H-49-H58. Chautauqua Housing (K & L-3)
 H74. University Avenue Residence Hall (L-9)
 H75. Group Housing (C-9)
- R**
- R1. Baptist Foundation (J-6)
 R2. Baptist Foundation (N-5)
 R3. Student Christian Foundation (H-9)
 R4. Wesley Foundation (K-9)
 R5. Episcopal Foundation (O-8)
- S**
- S1. Illinois Public Health Laboratory (M-3)
- T**
- T1-T19. Dowdell Halls (Men's Residence) (A-8 & 9)
 T13. Personnel Office (E-7)
 T14. Alumni Office (E-6)
 T15. Administrative Deans, Extension Division,
 Student Work Office (F-7)
 T16. Health Education (F-6)
 T17. Faculty Secretary, Testing Service (F-6)
 T18. Post Office, Student Union (F-6)
 T19. Office of Student Affairs (F-6)
 T20. Computing Center (G-6)
 T25. Industrial Education Shops (F-6)
 T26. Industrial Education (Applied Science) (F-4)
 T27. Industrial Education (Applied Science),
 Printing & Photography (F-4)
 T29. Agriculture Shop (G-4)
 T31. Economics Department (H-5)
 T32. Business School (G-5)
 T33. Business Manager, Accountant, Purchasing Office (G-6)
 T34. Bursar, Auditor, Placement Service (H-6)
 T35. Admissions Office, Registrar's Office,
 Statistical Service (H-6)
 T36. Playhouse (H-6)
 T37. Radio Studios & Classes (H-6)
 T38. Speech Department (H-6)
 T39. Cafeteria (H-6)
 T40. Education Classes, Offices (J-6)
 T41. Education Classes, Offices (J-6)
 T42. Education Classes, Offices (J-6)
 T44. Health Service (B-8)
 T45. President's Office (I-6)
 T46. Area Services (Conference House) (E-6)
 T48. Journalism & Egyptian (G-4)
 T57. Illinois Avenue Residence Halls (J-9)
 T58. Physical Education (F-8)
 T60. Psychology Offices (M-4)
 T61. Speech & Hearing Clinic (M-4)
 T62. Rehabilitation Institute (M-4)
 T63. University Store (G-8)
- T65. Advisement Center & Sectioning (H-5)
 T66. Central Clinical Services (L-4)
 T67. Wildlife Research (L-4)
 268-T71. Psychology Offices & Closes (M-4)
 T73. Psychology (Industrial) (N-4)
 T74. Guidance Department (M-4)
 T75. Special Education Department (M-4)
 T76. Physical Education & Research (N-8)
 T77. Graduate School (N-8)
 T78. Technical & Adult Education Office (N-8)
 T79. Sociology Department (O-7)
 T80. Small Business Institute (P-5)
 T81. Isotope Research (O-4)
 T82. Stenographic Service (K-8)
 T84. Recreation and Outdoor Education (E-10)
 T85. Civil Defense, Health & Safety Education (E-10)
 T86. General Publications (D-10)
 T87. Industrial Education (Applied Science) (D-10)
 T90. Perception Research (Rehabilitation) (O-4)
 T91. English Department Offices (O-7)
 T92. Lotin American Institute (B-9)
 T93. Rehabilitation Institute (M-4)
 T94. Botany and Zoology (L-4)
 T95. Psychology & Nursery (L-3)
 T96. Mentally Retarded Program (O-4)
 T97. Anthropology Department (P-5)
 T98. Health Service (B-9)
 T99. Central Research Shop (N-4)
 T100. Co-ordinator of Research (P-4)
 T102. English Offices (L-8)
 T103. Rehabilitation Institute (M-4)
 T104. Sociology Department (O-7)
 T105. Geography (Climatology Research) (K-3)
 T106. Geography (Mississippi Valley Investigations,
 Cartography) (K-3)
 T107. Geology (L-3)
 T108. Education (Secondary and Higher), Reading Center (L-5)
 T109. Marketing Department (M-5)
 T111. Mathematics Department (P-6)
 T113. Housing Center (C-10)
 T115. Film Development Unit (N-4)
 T116. Asian Studies Office (P-5)
 T117. University Press (I-4) (N-4)
 T119. Geology (L-3)
 T120. Plan "A" House (E-4)
 T121. Sociology Department (O-7)
 T122. Psychology Graduate Lounge (M-4)
 T124. Labor Institute (O-4)
 T125. Design Department (L-3)
 T126. Design Department (L-3)
 T127. Community Development (L-3)
 T128. Design Department (L-3)
 T129. Design Department (L-3)
 T130. Education College Dean's Office (N-5)
 T132. Photographic Service (C-9)
 T133. Housing Center (C-10)
 T134. Information Service (M-4)
 T135. Faculty Club (E-5)
 T136. English Department Offices (L-8)
 T137. Government & Local Government Center (M-8)
 T138. Monagement Department (O-4)
 T140. Community Development (L-4)

6 / Units of Instruction

THE GRADUATE SCHOOL

The Graduate School is the agency for organizing and supervising all graduate work of the University and for co-ordinating the organized research of the University. The school is administered by a dean, who is assisted by a graduate council.

Graduate Degrees

Graduate degrees are available in the following fields and departments:

1. Master of Arts.—anthropology, art, biological sciences, botany, chemistry, economics, English, French, geography, geology, German, government, history, inter-American studies, journalism, mathematics, microbiology, philosophy, physical sciences, physics, physiology, psychology, rehabilitation administration, rehabilitation counseling, sociology, Spanish, speech, speech correction, theater, and zoology;
2. Master of Fine Arts.—art;
3. Master of Music.—music;
4. Master of Music Education.—music;
5. Master of Science.—agricultural industries, agricultural services, animal industries, art, biological sciences, botany, business, design, economics, English, geography, geology, home economics, journalism, mathematics, microbiology, physical sciences, physics, physiology, plant industries, psychology, rehabilitation administration, rehabilitation counseling, sociology, speech correction, theater, and zoology;
6. Master of Science in Education.—art, biological sciences, chemistry, college student personnel work, educational administration, elementary education, English, French, German, guidance and counseling, health education, higher education, home economics, industrial arts, instructional materials, instructional supervision, kindergarten-primary education, mathematics, physical education, physical sciences, recreation and outdoor education, secondary education, secretarial and business education, social sciences, Spanish, special education, speech, speech correction, and theater;

7. Doctor of Philosophy.—anthropology, educational administration and supervision, elementary education, English, government, guidance, health education, microbiology, physical education, physiology, psychology, secondary education, sociology, speech, speech correction, and zoology.

Advisory Committee

Each student admitted to the Graduate School is assigned an adviser representing his major. The adviser assists the graduate student in planning his program of studies. As soon as the student has selected his thesis topic and thesis adviser, the latter is named chairman of the advisory committee.

Complete information about various graduate programs will be found in the Graduate School issue of the *Southern Illinois University Bulletin*. Copies may be obtained from General Publications.

COLLEGE OF LIBERAL ARTS AND SCIENCES

The College of Liberal Arts and Sciences serves the students in many capacities. Its course offerings provide (1) basic subject matter for the general education program; (2) opportunity for concentration in a major in any one of the seventeen academic departments administered by the college; (3) electives not available through other instructional units of the University; (4) extension and adult education offered through the appropriate divisions; (5) graduate-level instruction for students pursuing higher degrees than the baccalaureate; (6) pre-professional training needed for admission to such specialized schools as law, medicine, and dentistry.

The College of Liberal Arts and Sciences grants the Bachelor of Arts Degree. Each candidate for the degree must meet the following requirements:

Requirements for Graduation

1. General university requirements;
2. Four hours in philosophy or psychology;
3. A reading knowledge of a foreign language, which ordinarily requires nine hours of university study or its equivalent;
4. Proficiency in English, demonstrated by examination at the end of the junior year;
5. No departmental methods courses or student teaching may be counted in fulfillment of the degree requirements except as stated below;
6. A major of at least forty-two hours and a minor of at least twenty-four hours in the following subjects (some departments require more).

Anthropology	German	Philosophy
Art ¹	Government	Physics
Asian Studies ²	Greek	Physiology
Biology	Health Science	Psychology
Botany	History	Religion ²
Chemistry	Home Economics ¹	Russian Studies ²
Economics ¹	Language Arts	Social Studies
English	Latin	Sociology
French	Latin American Studies	Spanish
General Science	Mathematics	Speech ¹
Geography	Microbiology	Zoology
Geology	Music ¹	

¹ Liberal arts nonprofessional majors only

² Minors only

Pre-professional Courses

Students planning to take pre-dentistry, pre-law, pre-medicine, pre-medical technology, pre-public health, pre-pharmacy, pre-occupational therapy, pre-physical therapy, pre-theology, or pre-veterinary courses should register in the College of Liberal Arts and Sciences.

Limited High School Teaching Certificate

Students enrolled in the College of Liberal Arts and Sciences may meet Illinois requirements for a limited high school teaching certificate by using as their electives certain prescribed courses in the College of Education.

COLLEGE OF EDUCATION

The College of Education is for men and women who are already members of the teaching profession and for young people who intend to enter the field of teaching or of educational administration or some related field. One of its aims is to provide a fully rounded program of pre-service instruction and study; its undergraduate and graduate curricula are intended to prepare students for teaching in the elementary school, high school, and college, and for holding positions as school administrators, supervisors, and supervising teachers. Another of its aims is to provide an opportunity for in-service growth on a graduate or undergraduate basis as well as on a credit or noncredit basis. The course of study in the College of Education leads to the Bachelor of Science in Education or the Bachelor of Music Education degree.

General Requirements

All students in the College of Education must complete the general university requirements. No general requirement in foreign language applies to the College of Education. In certain departments, however, foreign language is required of majors in secondary education.

Majors and Minors

MAJORS FOR THOSE PLANNING TO TEACH IN ELEMENTARY SCHOOL

Art	Kindergarten-Primary Education
Elementary Education	Music
French	Spanish
German	Special Education (Mentally Retarded)
Health Education	Special Education (Physically Handicapped)
	Speech Correction

MAJORS FOR THOSE PLANNING TO TEACH IN HIGH SCHOOL

Art	Journalism
Biology	Language Arts
Botany	Latin
Chemistry	Mathematics
English	Music
French	Physical Education for Men
General Science	Physical Education for Women
German	Physics
Government	Recreation and Outdoor Education
Greek	Secretarial and Business Education
Health Education	Social Studies
Health and Physical Education	Spanish
History	Speech
Home Economics	Zoology
Industrial Arts	

SCHOOL OF AGRICULTURE

The School of Agriculture provides instruction, research, demonstration, and consultation in agriculture, forestry, and other activities directed toward the rural development of Southern Illinois. The school includes the departments of Agricultural Industries, Animal Industries, Forestry, and Plant Industries, which are the instructional units. The University Farms, Test Farms, Co-operative Agron-

omy Research Center, U.S.D.A. Co-operative Small Fruits Research Station, and the Illinois Horticultural Experiment Station are experimental and demonstrational units and also serve for teaching purposes. The U.S. Forest Service's Carbondale Forest Research Center and surrounding national and state forests are available to the Department of Forestry for teaching and research.



AGRICULTURE
BUILDING

A Bachelor of Science in Agriculture degree is available in general agriculture and in all departments of the school, including professional training in forestry. The school serves the needs of those desiring training for certification under the Smith-Hughes Act for teaching vocational agriculture, and of those desiring pre-veterinary training with a major in agriculture. It serves the needs of those wanting a four-year program leading to the Bachelor of Science in Education degree. The school provides a graduate program leading to a Master of Science in Agriculture degree.

Students working toward a Bachelor of Science in Agriculture degree must satisfy the general university requirements. Such students major in agriculture and are not required to carry a minor.

SCHOOL OF APPLIED SCIENCE

On July 1, 1959, the departments of Industrial Education and Applied Science were reorganized administratively to form the School of Applied Science. Both departments continue to function as before, each having its own curricula. At present these two departments plus the administrative offices make up the School of Applied Science.

Applied science embraces the fields of solid and fluid mechanics, civil architecture, and electricity. It places a considerable emphasis on technical subjects

and the physical sciences. It deals with power and design as used by the engineer. Many students who intend to transfer to engineering colleges will find it possible to use the curriculum as a pre-engineering program. Others may wish to complete the Bachelor of Science degree in applied science at Southern.

Each candidate for the Bachelor of Science degree must fulfill the general university requirements.

The Department of Industrial Education offers work leading to the Bachelor of Science degree with the following majors:

1. Industrial Arts.—for students preparing to teach industrial arts;
2. Trades and Industries.—for students preparing to teach industrial trades;
3. Manual Arts Therapy.—for students interested in becoming manual arts therapists;
4. Industrial Supervision.—for students interested in industrial science and supervision and preparing for supervisory positions in industry. In this the following options are available: industrial design, metal processing, industrial personnel, and industrial production planning;
5. Applied Science.

SCHOOL OF BUSINESS

The School of Business provides programs leading to the Bachelor of Science degree at the end of the four years in the following areas: accounting, economics, management (general, financial, personnel), marketing, and secretarial and business education. Students enrolled in the School of Business may also qualify for limited high school certificates by completing certain prescribed courses in the College of Education.

In addition to the general university requirements, graduates of the business program must take at least 40 per cent of their work in business and economics courses and at least 40 per cent in fields outside of business and economics.

Students in the School of Business are not required to have a minor. Where an intended major is not fully treated in the School of Business bulletin, the student should apply to the dean of the School of Business for a listing of the specific courses required of him.

SCHOOL OF COMMUNICATIONS

In the spring of 1955 the School of Communications was established to coordinate and facilitate the development of curricula, to provide instruction, and to stimulate research in the effective use of such communications media as pub-

lic speaking, television, radio, newspapers, and magazines, and to provide service work in this field for other educational units requiring it.

The school is composed of the departments of Printing and Photography, Journalism, Radio and Television, Speech, Speech Correction, and Theater. All departments offer the Bachelor of Science degree. Journalism and speech majors are offered for the Bachelor of Science in Education degree through the College of Education. The departments of Radio and Television, Speech Correction, and Theater co-operate on the offerings for this general speech major in the College of Education. A similar general speech major is offered in the College of Liberal Arts and Sciences, though technical courses in the specific fields may not be included in this major.

Students majoring in any of the departments of the school must meet all the general university requirements, as well as the specific requirements of the major field. Students preparing to teach either journalism or speech must meet the requirements for certification of the state and the College of Education.

SCHOOL OF FINE ARTS

The School of Fine Arts is composed of the departments of Art, Design, and Music. It grants the Bachelor of Arts degree for students majoring in art and design and the Bachelor of Music and the Bachelor of Music Education degrees for students majoring in music. Art and music majors are offered for the Bachelor of Arts and the Bachelor of Science in Education degrees through the College of Liberal Arts and Sciences and the College of Education.

SCHOOL OF HOME ECONOMICS

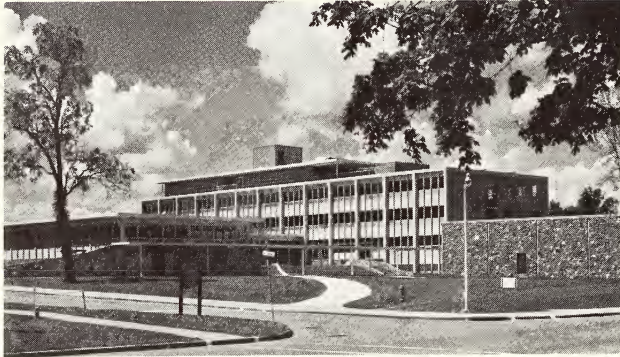
The School of Home Economics was established to provide instruction, to stimulate research, to provide service in this field for other educational units desiring it, and to give service to the people in the area in order to help in improving the understandings and practices in their families and homes.

The school is composed of the departments of Clothing and Textiles, Food and Nutrition, Home and Family, and Home Economics Education.

The purposes of the curricula in the School of Home Economics are to offer a general cultural program based on the needs of students enrolled in home economics, to educate for home and family life, and to provide the means for economic independence in professions related to the activities of the home.

The School of Home Economics offers curricula leading to the following degrees:

1. Bachelor of Science, for students in the School of Home Economics who



HOME ECONOMICS
BUILDING

wish to specialize in apparel design, clothing and textiles merchandising, dietetics, foods in business, home advisers (extension), homemaking, institution management, or interior decoration;

2. Bachelor of Science in Education, for students in the College of Education who wish to qualify for certification under the Smith-Hughes Act for teaching vocational homemaking;

3. Bachelor of Arts, for students in the College of Liberal Arts and Sciences who desire specialization in homemaking as a part of their general cultural education.

Each candidate for the Bachelor of Science degree in home economics must fulfill the general university requirements. Each curriculum provides a major field of concentration. A minor is not required.

DEPARTMENT OF NURSING

The Department of Nursing has one major purpose: to increase and improve nursing services, especially in Southern Illinois. It aims to prepare nurses for beginning positions in any field of nursing and to help them develop to their maximum capacity both personally and professionally. The Bachelor of Science degree is offered.

The basic professional curriculum is intended for those who have had no previous education for nursing. Covering a period of fourteen quarters (four academic years and two summers), students must complete all general university requirements, as well as the specific courses in the major field. The program is approved by the Department of Registration and Education and graduates are eligible for licensure as registered nurses. It is open to men and women.

Students who are weak in mathematics or English, or who wish to embark upon their university work immediately after graduation from high school, are urged to enroll in the summer session.

Applicants from the lower one-half of their high school class are not eligible for admission to the Department of Nursing until their average grade in college is "C" or above.

The supplemental program for registered nurses is open to graduates of diploma and associate-degree programs who are licensed to practice as professional nurses. In addition to the general education requirements, students must complete 64 hours of senior college credit, including the major in nursing. Credit for the diploma program is given on an individual basis.

DIVISION OF TECHNICAL AND ADULT EDUCATION

The division administers the Vocational-Technical Institute for students enrolling in vocational and technical courses leading toward two-year Associate in Business and Associate in Technology degrees and technical courses to be taken singly or as units toward short course certificates. The division also administers the noncredit adult education courses offered by university staff members.

DIVISION OF UNIVERSITY EXTENSION

The Division of University Extension is an all-University agency through which all college credit courses in extension are scheduled. These include radio and television courses, in addition to classes scheduled in about thirty-five different communities during each quarter. The division also offers off-campus courses during the summer months, when sufficient requests and needs indicate that such should be done. Interested persons may write to the dean for further information.

INSTITUTES

The University Institutes are separate academic units and are not located within any school or college of the University. Their curricula, however, rely upon courses offered by the various departments within the University.

When the University needs to perform some educational function which cuts across department, school, and college lines, the institute is a means of drawing together the various persons to perform that function.

Community Development Institute

The Community Development Institute is an outgrowth of the University's in-

terest in assisting, through educational means and research, the improvement of the social, economic, and cultural dimensions of living in Southern Illinois.

The aim of the institute's program is to develop understanding in such matters as adult learning, group behavior, the nature and function of the modern community, communication, and the dynamics of change; and to help build competence in working with individuals and groups in the democratic process of social problem solving.

The Community Development Institute offers an undergraduate major leading to a Bachelor of Science degree. An undergraduate minor is also available.

Labor Institute

The Labor Institute has three major objectives: to facilitate regular university instruction in the disciplines related to the labor field; to encourage research in the labor area; and to organize and promote programs of education in the labor field designed to serve workers, employers, and the public. In accomplishing these objectives, the institute co-operates with the other academic units of the University and draws upon their instructional staffs.

The Labor Institute does not offer degree-credit courses. The non-degree-credit classes take the form of intensive short conferences of one to three days' duration or more extended classes to meet the educational needs of particular labor groups. Such conferences and classes are held both on and off campus.

Latin American Institute

The Latin American Institute is an interdepartmental organization engaged in instruction, research, educational services, and student and professorial exchange in the area of Latin America studies. It performs various functions such as: (1) promotion and attainment of a clear understanding of social and cultural conditions throughout Latin America, (2) assistance in the preparation of curricula and courses of Latin American study in which faculty members of the various colleges of the University impart instruction, (3) arrangement for participation of faculty and students in educational exchange programs and participation in programs pertinent to Latin America contracted for through various agencies, and (4) assistance in securing funds from various sources for furthering of research, scholarships, and other programs undertaken in relation to Latin America by the University, its faculty, or its students.

On the undergraduate level, the institute offers a major in Latin American studies leading to the Bachelor of Arts degree in the College of Liberal Arts and Sciences. No undergraduate minor is offered.

On the graduate level, the institute offers a major in inter-American studies leading to the Master of Arts degree.

Rehabilitation Institute

The objectives of the Rehabilitation Institute are (1) to co-ordinate and augment the training of college students and field workers interested in counseling with or providing services for the handicapped, (2) to facilitate and develop within these professional workers responsible standards of professional conduct and ethics, (3) to conduct (and encourage other departments and individuals to engage in) basic and applied research related to both general counseling and the broad area of rehabilitation, (4) to provide counseling and consultative services to both community agencies and handicapped individuals, (5) to establish liaison with community agencies and individuals for mutual facilitation and harmonious interaction, and (6) to solicit and help organize public support and responsibility for the rehabilitation of handicapped individuals.

The Rehabilitation Institute's instructional program currently includes (1) a program in rehabilitation administration and one in rehabilitation counseling, leading to the Master of Arts or the Master of Science degree, (2) a six-week placement counselor training program (blind) offered three times a year for rehabilitation personnel engaged in placing blind persons in competitive occupations, and (3) workshops and institutes.

Small Business Institute

The Small Business Institute was established in 1954 as a result of university studies which revealed that many small communities were failing to retain their young people after graduation from college due to the lack of business opportunities. The institute is one aspect of the University's program to help Southern Illinois students start small businesses and to discover other local business opportunities. It is also interested in helping to solve problems of area business.

The Small Business Institute has as its goal the development of executives for small businesses, rather than the creation of specialists in a single field such as accounting, finance, or sales. Because the businessman plays a vital part in the civic functions of his community, efforts are made, through counseling and internship, to develop in the student additional skills for community leadership.

The Bachelor of Science degree with a major in small business management may be earned in the Small Business Institute.

Transportation Institute

The Transportation Institute was established in July, 1960, to help meet the increasing need for specially educated men and women in the transportation industry. With all four major modes of transport experiencing revolutionary

developments in operation and organization, the transportation industry, so vital to the economy and security of the nation, holds exceptional opportunities for career-minded students. To this end, the Transportation Institute, in cooperation with other agencies of the University, will arrange for special graduate, undergraduate, and adult education courses in transportation.

A Master of Science degree in transportation may be earned through the Transportation Institute and the School of Business.

The Bachelor of Science degree in business with specialization in transportation may be earned in the School of Business.

7 / Schedule of Classes

IN THE FOLLOWING schedule of classes, departments in which courses are being offered are listed in alphabetical order. Courses within the departments are listed in order by course and section number.

Departmental Listing by Academic Unit

ACADEMIC UNIT	DEPARTMENT	ACADEMIC UNIT	DEPARTMENT
Agriculture	Agricultural Industries	Fine Arts	Art
	Animal Industries		Music
	Forestry	Home Economics	Clothing & Textiles
	Plant Industries		Food & Nutrition
Applied Science	Applied Science	Home & Family	
	Industrial Education	Home Economics Education	
Business	Accounting	Liberal Arts & Sciences	Anthropology
	Economics		Botany
	Management		Chemistry
	Marketing		English
	Secretarial & Business Education		Foreign Language
			Geography
Communications	Journalism	Geology	
	Printing & Photography	Government	
	Radio-Television	History	
	Speech	Mathematics	
	Speech Correction	Microbiology	
	Theater	Philosophy	
		Physics	
		Physiology	
Education	Educational Administration & Supervision	Psychology	
	Elementary Education	Religious Education	
	Guidance	Sociology	
	Health Education	Zoology	
	Higher Education	Nursing	
	Instructional Materials	Nursing	
	Physical Educ. for Men	Vocational-Technical Institute	
	Physical Educ. for Women	Vocational-Technical Institute	
	Recreation & Outdoor Educ.		
	Secondary Education		
Special Education			

Classroom Identification

Abbreviations for buildings in which classes are held during the Summer Session are listed alphabetically in the table below. The numbers in the table refer to the map on page 38. Temporary buildings which are listed only by number in the schedule are not listed in this table.

CODE IN SCHEDULE	CODE NO. ON MAP	NAME OF BUILDING	LOCATION ON MAP
A	3	Allyn Building	G-6
Ag	26	Agriculture Building	I-4
Alg	2	Altgeld Hall	I-7
ApS	57	Applied Science Laboratories	B-5
Aud	6	Shryock Auditorium	H-6
BF	R1	Baptist Foundation	J-6
Browne	9	Browne Auditorium	G-6
BrownH	33	Brown Hall	I-3
Felts	34	Felts Hall	I-3
Gym	7	Gymnasium	E-7
HEc	42	Home Economics Building	I-8
Lib	25	Morris Library	J-5
LG	—	Little Grassy Lake	—
LS	17	Life Science Building	K-4
M	1	Old Main	G-7
Office	—	Office of the department	—
P	4	Parkinson Building	G-6
Play	T36	Playhouse	H-6
Pool	22	University Swimming Pool	M-6
RadS	T37	Radio Studios	H-6
Tennis	—	Tennis Courts	F-6
USch	23	University School	L-7
Wh	8	Wheeler Hall	H-7
Woody	24	Woody Hall	J-7

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
ACCOUNTING (ACCT)						
250-4	Accounting Fundamentals	1	11:45-1:00	MTu ThF	T-32 R 111	Mr. Swick
251-4	Accounting I	1	7:30-8:45	MTu ThF	T-32 R 111	Miss Ogden
252-4	Accounting II	1	8:55-10:10	MTu ThF	T-32 R 110	Mr. Schmidlein
253-4	Accounting III	1	10:20-11:35	MTu ThF	T-32 R 110	Mr. Schmidlein
309-2 ¹	Individual Income Tax	1	8:55-10:10	Tu Th	T-32 R 111	Mr. Swick
341-3	Cost Accounting	1	8:55-10:10	M W F	T-32 R 111	Miss Ogden
355-3	Governmental Accounting	1	10:20-11:35	M W F	T-32 R 111	Miss Ogden
432-4	Problems in Federal Taxation	1	7:30-8:45	M WThF	T-32 R 110	Miss Barron
459-4	Internship in Accounting	1	To be arranged		T-32 R 118	Mr. Swick
500-2 to 5	Readings in Accounting	1	To be arranged		T-32 R 118	Mr. Swick
501-2 to 5	Individual Research in Accounting	1	To be arranged		T-32 R 118	Mr. Swick
599-2 to 9	Thesis	1	To be arranged		T-32 R 102	Mr. Schmidlein
¹ Not open to accounting majors						
AGRICULTURAL INDUSTRIES (AG I)						
114-4	Introduction to Agricultural Economics	1	7:30-8:45 7:30-10:10	MTu F W	Ag 225	Mr. Benton
310-4	General Agriculture	1	10:20-11:35 8:55-11:35	M WTh Tu	Ag 225	Mr. Wood
373-5	Farm Power and Machinery	1	8:55-10:10 8:55-11:35	M W F Tu Th	Ag 115 Ag Quonset	Mr. Paterson
390-1 to 3	Special Studies in Agricultural Industries	1	To be arranged			Staff
520-1 to 6	Readings	1	To be arranged			Staff
575-1 to 6	Research	1	To be arranged			Staff
599-1 to 9	Thesis	1	To be arranged			Staff
ANIMAL INDUSTRIES (AN I)						
319-2	Horses (June 19-July 14)	1	10:20-11:35	MTuW F	Ag 114	Mr. Kammlade
337-4	Animal Hygiene	1	7:30-8:45	MTuWTh	Ag 116	Mr. Burnside
390-2 to 4	Special Studies in Animal Industries	1	To be arranged			Staff
420-4	Commercial Poultry Production (June 19-July 14)	1	7:30-10:10 7:30-1:00	TuW F Th	Ag 132	Mr. Hinners
520-1 to 6	Readings in Animal Industries	1	To be arranged			Staff
575-1 to 6	Individual Research	1	To be arranged			Staff
599-1 to 9	Thesis	1	To be arranged			Staff
ANTHROPOLOGY (ANTH)						
110-4	The Ways of Mankind	1	10:20-11:35	MTuWTh	LS 323	Mr. Lange
309-4	Peoples and Cultures of Asia and Oceania	1	1:10-2:25	MTuWTh	703 W. Mill	Mr. Grace

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
ANTHROPOLOGY (ANTH) (Continued)						
481-3	Seminar in Anthropology (Primitive Arts and Crafts)	1	8:55-10:10	TuWTh	703 W. Mill	Mr. Dark
483-3 to 6	Research in Anthropology	1	To be arranged		703 W. Mill	Staff
485-3 to 6	Reading in Anthropology	1	To be arranged		703 W. Mill	Staff
490-3 to 6	Fieldwork in Anthropology	1	To be arranged			Staff
590-3 to 9	Graduate Fieldwork in Anthropology	1	To be arranged			Staff
599-3 to 6	Thesis	1	To be arranged			Staff
APPLIED SCIENCE (AP S)						
101-3	Engineering Drawing I	1	7:30-10:10	Tu ThF	T-26 R 114	Staff
205-3	Engineering Drawing II	1	7:30-10:10	Tu ThF	T-26 R 114	Staff
206-4	Descriptive Geometry	1	7:30-10:10	MTu ThF	T-27 R 114	Mr. Glenn
260-3	Analytical Mechanics (Statics)	1	10:20-11:35	M W F	ApS 120	Staff
262-3	Analytical Mechanics (Dynamics II)	1	10:20-11:35	M W F	ApS 120	Mr. Glenn
263-4	Surveying I	1	1:10-3:50	MTu ThF	ApS 120	Mr. Glenn
264-4	Surveying II	1	1:10-3:50	MTu ThF	ApS 120	Staff
306-3	Applied Mechanics I	1	10:20-11:35	M W F	ApS 120	Staff
ART (ART)						
100-5	Basic Studio	1	7:30-10:10	MTuW F	A 112	Mr. Harris
120-3	Art Appreciation	1	8:55-10:10	M W F	Alg 115	Mr. Shryock
245-4	The Figure	1	7:30-10:10	MTuW F	ApS 110	Mr. Breland and Staff
250-4	Oil Painting	1	7:30-10:10	MTuW F	A 202	Mr. Breland and Staff
302-4	Pottery Workshop (June 19-30)	1	9:30-12:30 1:30-3:30	MTuWThFS	A 5	Mr. Vergette
309-3	Oriental Art	1	8:55-10:10	M W F	A 102	Mr. Watkins
320-4	Advanced Painting	1	7:30-10:10	MTuW F	A 202	Mr. Breland and Staff
325-4	Studio	1	7:30-10:10	MTuW F	A 202	Mr. Breland and Staff
345-3	Art of the Nineteenth Century	1	10:20-11:35	M W F	A 102	Mr. Watkins
406-4	Studio in Painting	1	7:30-10:10	MTuW	A 202	Mr. Breland and Staff
426-4	Pottery Workshop (June 19-30)	1	9:30-12:30 1:30-3:30	MTuWThFS	A 5	Mr. Vergette
501-2	Seminar in Painting	1	To be arranged			Staff
506-4	Research in Painting	1	7:30-10:10	MTuW F	A 202	Mr. Breland and Staff

ASIAN STUDIES (AS ST)

Students interested in a minor in Asian Studies should consult Mr. Ping-Chia Kuo, Chairman, Committee on Asian Studies. Offices are located in Old Main building. Special courses available are Anthropology 309, Art 309, Government 457, History 367, and Philosophy 303.

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
BOTANY (BOT)						
101-5	General Botany	1	7:30-8:45	M W F	LS 133	Staff
			7:30-10:10	Tu Th	LS 307	
		2	7:30-8:45	M W F	LS 133	Staff
			7:30-10:10	Tu Th	LS 308	
		3	7:30-8:45	M W F	LS 133	Staff
			10:20-1:00	M W	LS 307	
		4	7:30-8:45	M W F	LS 133	Staff
			10:20-1:00	M W	LS 308	
5	11:45-1:00	M W F	LS 133	Mr. Welch Staff		
	10:20-1:00	Tu Th	LS 307			
6	11:45-1:00	M W F	LS 133	Mr. Welch Staff		
	1:10-3:50	Tu Th	LS 308			
7	11:45-1:00	M W F	LS 133	Mr. Welch Staff		
	7:30-10:10	M W	LS 307			
8	11:45-1:00	M W F	LS 133	Mr. Welch Staff		
	7:30-10:10	M W	LS 308			
131-5	Field Biology	1	7:30-10:10	TuWThF	LS 313	Mr. Marberry
202-5	General Botany	1	10:20-11:35	M W F	LS 326	Miss Kaeiser Staff
			10:20-1:00	Tu Th	LS 308	
320-5	Plant Physiology	1	7:30-10:10	Tu Th	LS 311	Mr. Applegate Staff
			8:55-10:10	M W F	LS 326	
480-4	Classical Principles of Botany	1	7:30-8:45	TuWThF	LS 326	Staff
501-4	Botany for High School Teachers	1	2:35-3:50	M W	LS 326	Mr. Mohlenbrock
			2:35-5:05	Tu Th	LS 307	
543-5	Experimental Ecology	1	10:20-11:35	M W	LS 313	Mr. Ashby
			10:20-1:10	Tu Th		
	(Field Work to be arranged)					
591-3 to 6	Research	1	To be arranged			Staff
599-3 to 9	Thesis	1	To be arranged			Staff
CHEMISTRY (CHEM)						
101-4	General Chemistry	1	8:55-10:10	M W F	Browne	Mr. Garrison Staff
			7:30-10:10	Tu Th	P 200	
		2	8:55-10:10	M W F	Browne	Mr. Garrison Staff
			7:30-10:10	Tu Th	P 206	
		3	8:55-10:10	M W F	Browne	Mr. Garrison Staff
			7:30-10:10	Tu Th	P 213	
		4	8:55-10:10	M W F	Browne	Mr. Garrison Staff
			10:20-1:00	M W	P 213	
		T5	8:55-10:10	M W F	Browne	Mr. Garrison Staff
			10:20-1:00	M W	P 206	
		T6	8:55-10:10	M W F	Browne	Mr. Garrison Staff
			10:20-1:00	Tu Th	P 213	
T7	10:20-11:35	M W F	Browne	Mr. Hadley Staff		
	10:20-1:00	Tu Th	P 200			
T8	10:20-11:35	M W F	Browne	Mr. Hadley Staff		
	10:20-1:00	Tu Th	P 206			
T9	10:20-11:35	M W F	Browne	Mr. Hadley Staff		
	7:30-10:10	M W	P 213			
T10	10:20-11:35	M W F	Browne	Mr. Hadley Staff		
	7:30-10:10	M W	P 206			
T11	10:20-11:35	M W F	Browne	Mr. Hadley Staff		
	1:10-3:50	Tu Th	P 206			
T12	10:20-11:35	M W F	Browne	Mr. Hadley Staff		
	1:10-3:05	Tu Th	P 213			

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
CHEMISTRY (CHEM) (Continued)						
113-5	Inorganic Chemistry and Qualitative Analysis	1	7:30-8:45	Tu Th	P 107	Mr. Van Lente
			8:55-10:10	Tu	P 107	
		2	7:30-10:10	M W F	P 200	Mr. Garrison
			10:20-11:35	Tu Th	P 107	
			11:45-1:00	Tu	P 107	
			10:20-1:00	M W F	P 200	
221-3	Qualitative Analysis	1	8:55-10:10	M W	P 107	Mr. Sellers
			7:30-11:35	W F	P 213	Staff
235-5	General Quantitative Analysis	1	7:30-8:45	M W F	P 204	Mr. Van Atta
			7:30-11:35	Tu Th	P 103	
432-4	Instrumental Techniques	1	10:20-11:35	Tu Th	P 204	Mr. Sellers
			10:20-1:00	M W	P 104B	Staff
446-4	Qualitative Organic Analysis	1	7:30-8:45	Tu Th	P 204	Mr. Hadley
			7:30-11:35	M W	P 115	
460-5	Theoretical Chemistry	1	10:20-11:35	M W F	P 107	Mr. Van Lente
			10:20-1:00	Tu Th	P 104	
496-2 to 6	Chemical Problems	1	To be arranged		P 112	Staff
596-3 to 6	Advanced Chemical Problems	1	To be arranged		P 112	Staff
599-3 to 9	Research and Thesis	1	To be arranged		P 112	Staff
CLOTHING AND TEXTILES (C & T)						
127-4	Clothing Selection and Construction	1	8:55-10:10	MTu Th	HEc 310	Miss Whitesel
			10:20-11:35	MTuWThF		
135-3	Textiles	1	1:10-3:50	Tu Th	HEc 304	Miss Hoffman
233-3	Pattern Designing and Clothing Construction	1	1:10-3:50	M W F	HEc 310	Miss Whitesel
474-4	Advanced Textiles	1	7:30-8:45	MTu ThF	HEc 304	Miss Hoffman
COMMUNITY DEVELOPMENT (C D)						
Students interested in a major or minor in Community Development should consult Mr. Richard C. Franklin, Director, Community Development Institute. Offices are located in Chautauqua Housing, Barracks T-127.						
ECONOMICS (ECON)						
205-5	Survey of Economic Principles	1	7:30-8:45	MTuWThF	M 203	Mr. Wiegand
			7:30-8:45	Tu Th	M 207	
		2	8:55-10:10	MTuWThF	M 201	Mr. Wiegand
			8:55-10:10	Tu Th	M 209	
206-4	Economic Principles and Problems	1	7:30-8:45	MTu ThF	M 306	Mr. Allen Staff
		T2	8:55-10:10	M WThF	M 306	
307-4	Economics and Business Statistics	1	7:30-8:45	MTuWThF	P 111	Mr. Martinsek
		T2	8:55-10:10	MTuWThF	P 204	Staff
310-4	Labor Problems	1	8:55-10:10	MTu ThF	M 202	Mr. Morrison
315-4	Money and Banking I	1	10:20-11:35	MTuWTh	M 305a	Mr. Wells

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
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ECONOMICS (ECON) (Continued)

470-3	Business Cycles	1	11:45-1:00	M W F	M 112	Mr. Martinek
490-4 ¹	Economic Education Workshop (July 3-14)	1	8:55-11:35 1:10-3:50	MTuWThF MTuWThF	Ag 216	Mr. Cochran
501-1 to 5	Economic Readings	1	To be arranged		Office	Mr. Cochran
599-3 to 9	Thesis	1	To be arranged		Office	Mr. Cochran

¹ Cross-listed with Secondary Education 490. Extra session Saturday, July 8.

EDUCATIONAL ADMINISTRATION AND SUPERVISION (ED AD)

100-3	Introduction to Education	1 T2	8:55-10:10 10:20-11:35	MTu Th MTu Th	T-42 R 118 T-41 R 104	Mr. Gwaltney Staff
331-3	American Public Education	1 2	7:30-8:45 10:20-11:35	MTuW MTuW	T-42 R 118 T-42 R 118	Mr. Brammell Mr. Brammell
355-4 ¹	Philosophy of Education	1	10:20-11:35	MTuWTh	A 207	Mr. Moore
355-4	Philosophy of Education	2 3 T4 T5	8:55-10:10 7:30-8:45 11:45-1:00 1:10-2:25	MTuWTh MTuWTh MTuWTh MTuWTh	T-41 R 103 T-40 R 101 T-41 R 101 T-42 R 118	Mr. Lawson Mr. Strong Mr. McMackin Mr. McMackin
420-4	Legal Basis of American Education	1	8:55-10:10	MTuWTh	T-41 R 104	Mr. Beem
424-4	School Administration	1 T2	10:20-11:35 8:55-10:10	MTuWTh MTuWTh	T-41 R 101 LS 323	Mr. Brammell Mr. Smith
431-3	History of Education in the United States	1	11:45-1:00	MTuW	T-42 R 118	Mr. Brammell
456-4	School Supervision	1	7:30-8:45	MTuWTh	T-41 R 104	Mr. Bryant
460-4	Curriculum	1	7:30-8:45	MTuWTh	HEc 302	Mr. Smith
500-4	Research Methods	1 2 T3	7:30-8:45 8:55-10:10 10:20-11:35	MTuWTh MTuWTh MTuWTh	T-40 R 115 T-40 R 115 T-40 R 115	Mr. Hall Mr. Hall Staff
534-4	School Finance	1	10:20-11:35	MTuWTh	T-40 R 101	Mr. Beem
554-4	Contrasting Philosophies of Education	1	11:45-1:00	MTuWTh	HEc 201	Mr. Axtelle
556-4	Seminar in Educational Supervision	1	1:10-2:25	MTuWTh	T-41 R 101	Mr. Bracewell
563-4	School Public Relations	1	8:55-10:10	MTuWTh	USch 41	Mr. Neal
575A-4	Individual Research (Curriculum)	1	To be arranged			Staff
575B-4	Individual Research (Supervision)	1	To be arranged			Staff
575C-4	Individual Research (Buildings)	1	To be arranged			Staff
575D-4	Individual Research (Finance)	1	To be arranged			Staff
575E-4	Individual Research (School Law)	1	To be arranged			Staff
575F-4	Individual Research (Comparative Education)	1	To be arranged			Staff
575G-4	Individual Research (History of Education)	1	To be arranged			Staff
575H-4	Individual Research (Philosophy of Education)	1	To be arranged			Staff
575J-4	Individual Research (Administration)	1	To be arranged			Staff
575K-4	Individual Research (Elementary Administration)	1	To be arranged			Staff
596-4	Independent Investigation	1	To be arranged			Staff
597-1 to 3	Thesis	1	To be arranged			Staff
598-1 to 3	Thesis	1	To be arranged			Staff
599-1 to 3	Thesis	1	To be arranged			Staff
600-1 to 14	Dissertation	1	To be arranged			Staff

¹ Cross-listed with Secondary Education

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
ELEMENTARY EDUCATION (ED EL)						
313-4	Children's Literature	1	10:20-11:35	MTuWTh	M 307	Miss Sauce
314-4	Elementary School Methods	1	7:30-8:45	MTuWTh	T-41 R 101	Mr. Randolph
337-4	Readings in the Elementary School	1	8:55-10:10	MTuWTh	T-41 R 102	Miss Williams
401-4	Aero-Space Education Workshop (August 14-25)	1	8:55-11:35 1:10-3:50	MTuWThF	HEc 201	Staff
415-3	Improvement of Instruction in Arithmetic (Workshop) (July 10-28)	1	1:00-3:15	MTuWThF	T-40 R 115	Mrs. Carter
433-4	Workshop in Elementary Education (Kindergarten-Primary) (June 19-July 14)	1	8:55-11:35	MTuWThF	Ag 153	Miss Baker
435-4 to 8 ¹	Workshop in Elementary School Foreign Languages (June 19-July 14)	1	7:30-11:35	MTuWThF	Wh 212	Staff
437-4	Problems in Reading	1	10:20-11:35	MTuWTh	T-41 R 103	Mr. Brod
442-4	Materials and Methods in Science	1	7:30-8:45	MTuWTh	USch 304	Mr. Brown
443-4	Workshop in Social Studies (Background Material for Grades 4-8) (June 19-July 14)	1	1:10-3:15	MTuWThF	HEc 201	Mr. Lee and Staff
461-4	Elementary School Curriculum	1	10:20-11:35	MTuWTh	T-41 R 102	Mr. Bradfield
507-2 to 4 ²	Readings in Reading	1	To be arranged			Mr. Karlin
515-4	Special Problems in Teaching of Arithmetic	1	7:30-8:45	MTuWTh	T-40 R 114	Mrs. Carter
522-3	Diagnosis and Correction of Reading Disabilities II	1	8:55-10:10	MTuWTh	T-40 R 101, 102	Mr. Karlin
541-4	Selected Teaching and Current Problems in Elementary Science	1	10:20-11:35	MTuWTh	USch 304	Mr. Brown
542-4	Language Arts in the Elementary School	1	8:55-10:10	MTuWTh	T-40 R 114	Miss Sauce
557-4	Elementary Principalship	1	7:30-8:45	MTuWTh	T-41 R 103	Mr. Bradfield
558-3	Leadership in Elementary Education (June 19-30)	1	8:55-12:00 1:00-3:00	MTuWThF	Ag 116	Mr. Eaves
575A-2 to 4	Individual Research (Curriculum)	1	To be arranged			Staff
575B-2 to 4	Individual Research (Supervision)	1	To be arranged			Staff
575C-2 to 4	Individual Research (Language Arts)	1	To be arranged			Staff
575D-2 to 4	Individual Research (Science)	1	To be arranged			Staff
575E-2 to 4	Individual Research (Reading)	1	To be arranged			Staff
575F-2 to 4	Individual Research (Social Studies)	1	To be arranged			Staff
575G-2 to 4	Individual Research (Elementary Education)	1	To be arranged			Staff
575H-2 to 4	Individual Research (Arithmetic)	1	To be arranged			Staff
575J-2 to 4	Individual Research (Problems in Kindergarten-Primary)	1	To be arranged			Staff
575K-4	Individual Research (Elementary Administration)	1	To be arranged			Staff
596-5 to 9	Independent Investigation	1	To be arranged			Staff
597-1 to 3	Thesis	1	To be arranged			Staff
598-1 to 3	Thesis	1	To be arranged			Staff
599-1 to 3	Thesis	1	To be arranged			Staff
PRACTICE TEACHING						
Kindergarten-Primary Student Teaching 350b-4 to 14, 350c-4 to 14—To be arranged						
Elementary Student Teaching 351a-4 to 14, 351b-4 to 14, 351c-4 to 14—To be arranged						
¹ Cross-listed with Foreign Language						
² Cross-listed with Secondary Education						
ENGLISH (ENG)						
101-3	Composition	T1	7:30-8:45	Tu ThF	M 308	Staff
		2	1:10-2:25	M W F	M 303	Staff
102-3	Composition	T1	8:55-10:10	M WTh	HEc 106	Staff
		2	1:10-2:25	M W F	HEc 202	Staff

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
ENGLISH (ENG) (Continued)						
103-3	Composition	1	7:30-8:45	MTu Th	M 306a	Staff
		2	10:20-11:35	M W F	HEc 106	Staff
		3	1:10-2:25	M W F	M 308	Staff
		T4	1:10-2:25	MTu Th	M 306a	Staff
205-3	Introduction to Poetry	1	7:30-8:45	M W F	M 301	Staff
		T2	7:30-8:45	MTu Th	HEc 106	Staff
		T3	10:20-11:35	MTu Th	M 308	Staff
		4	11:45-1:00	Tu Th	M 301	Staff
206-3	Introduction to Drama	1	8:55-10:10	M W F	M 302	Staff
		T2	11:45-1:00	Tu Th	M 301	Staff
		T3	1:10-2:25	M W F	M 308	Staff
		T4	1:10-2:25	MTu Th	M 305	Staff
209-3	Introduction to World Literature	T1	8:55-10:10	M W F	M 306a	Staff
		2	11:45-1:00	M W F	M 301	Staff
		T3	11:45-1:00	M WTh	M 306a	Staff
		4	1:10-2:25	M W F	M 301	Staff
211-3	Introduction to Fiction	1	7:30-8:45	M WTh	M 305	Staff
		2	8:55-10:10	MTu Th	M 305	Staff
		3	10:20-11:35	M W F	M 301	Staff
		T4	11:45-1:00	M W F	HEc 202	Staff
		5	1:10-2:25	Tu Th	M 302	Staff
212-3	Introduction to Modern Literature	1	7:30-8:45	M W F	HEc 202	Staff
		2	8:55-10:10	M W F	M 301	Staff
		T3	8:55-10:10	M W F	HEc 202	Staff
		4	10:20-11:35	Tu ThF	M 302	Staff
		T5	11:45-1:00	Tu ThF	M 303	Staff
		6	11:45-1:00	M W F	HEc 106	Staff
		7	1:10-2:25	MTu Th	HEc 106	Staff
300-4	Principles of Grammar	1	7:30-8:45	MTu ThF	M 108	Mrs. Krappe
302-4	English Literature to 1550	1	8:55-10:10	MTu ThF	M 108	Mrs. Krappe
309-4	American Literature to 1860	1	10:20-11:35	MTu ThF	M 305	Mr. Pickett
310-4	American Literature since 1860	T1	10:20-11:35	MTu ThF	HEc 202	Staff
		2	11:45-1:00	MTu ThF	M 305	Mr. Pickett
365-4	Shakespeare Comedies	1	1:10-2:25	MTu ThF	M 108	Mr. Staton
391-3	Usage in English	1	7:30-8:45	Tu ThF	M 302	Staff
		T2	7:30-8:45	M	M 302	Staff
				Tu Th	M 301	
		3	8:55-10:10	MTu Th	M 302	Staff
		4	10:20-11:35	M W F	M 306a	Staff
		T5	10:20-11:35	M W F	M 303	Staff
		T6	11:45-1:00	Tu ThF	M 302	Staff
7	1:10-2:25	M W F	M 302	Staff		
421-4	Victorian Poetry	T1	8:55-10:10	MTu ThF	M 303	Mr. Schneider
458-4	American Novel	T1	7:30-8:45	MTu ThF	M 303	Mr. Webb
486-2	Workshop in High School English: Articulation of High School and College English (June 26-July 7)	1	8:30-12:00	MTuWThF	HEc 206	Mr. Hook
			1:00-3:00			
499-2 to 4 ¹	Readings in English	1	To be arranged			Staff
508-4	Studies in Chaucer	T1	11:45-1:00	MTu ThF	M 108	Mr. Cook
534-4	Studies in Early Nineteenth Century American Writers: Hawthorne	1	10:20-11:35	MTu ThF	M 108	Mr. Stibitz
599-2 to 9	Thesis	1	To be arranged			Staff
¹ Registrants must secure consent of department.						
FOOD AND NUTRITION (F & N)						
105-4	Foods	1	11:45-2:25 11:45-1:00	M W Tu F	HEc 212	Mrs. Barnes

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
FOOD AND NUTRITION (F & N) (Continued)						
206-4	Foods	1	7:30-10:10 7:30-8:45	W F M Th	HEc 212	Mrs. Barnes
248-2	School Lunch Program (June 19-23)	1	9:00-12:00 1:00-4:00	MTuWThF	HEc 101, 103, 214; Aud.	Mrs. Harper
335-4	Meal Planning and Table Service	1	10:20-2:25	Tu Th	HEc 105, 107	Mrs. Harper
FOREIGN LANGUAGE (F L) (FR) (GER) (SPAN)						
435-4 to 8 ¹	Workshop in Elementary School Foreign Language Instruction (June 19-July 14)	1	7:30-11:35	MTuWThF	Wh 212	Mr. Liedloff
FRENCH						
101-3, 102-3, 103-3 ²	Elementary Course	1	7:30-8:45 8:55-10:10 10:20-11:35	MTu ThF W MTu ThF	Wh 207 Wh 214 Wh 207	Miss Peacock and Miss Smith
103-3	Elementary Course	2	11:45-1:00	M W F	Wh 207	Staff
510-4	French Literature from 1850 to 1900	1	To be arranged			Miss Peacock
GERMAN						
101-3, 102-3, 103-3 ²	Elementary Course	1	7:30-8:45 8:55-10:10 10:20-11:35	MTuWTh MTu ThF W	Wh 214	Mr. Hartwig
103-3	Elementary Course	2	11:45-1:00	M W F	Wh 212	Staff
SPANISH						
103-3	Elementary Course	1	7:30-8:45	M W F	Wh 203	Staff
¹ Cross-listed with Elementary Education						
² To be taken as one unit for a total of 9 hours						
FORESTRY (FOR)						
390-1 to 3	Special Problems in Forestry	1	To be arranged			Staff
520A-1 to 6	Readings in Forestry	1	To be arranged			Mr. Hosner
520B-1 to 6	Readings in Resource Economics	1	To be arranged			Mr. Beazley
575-1 to 6	Research	1	To be arranged			Staff
599-2 to 9	Thesis	1	To be arranged			Staff
GEOGRAPHY (GEOG)						
100-5	Geography of Man	1	7:30-8:45	M W F	Ag 166	Mr. Harper
				Tu Th	Ag 148	Staff
		2	7:30-8:45	M W F	Ag 166	Mr. Harper
				Tu Th	Ag 154	Staff
		3	7:30-8:45	M W F	Ag 166	Mr. Harper
				Tu Th	Ag 224	Staff
		4	7:30-8:45 8:55-10:10	M W F Tu Th	Ag 166 Ag 154	Mr. Harper Staff
		5	7:30-8:45 10:20-11:35	M W F Tu Th	Ag 166 Ag 154	Mr. Harper Staff

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
GEOGRAPHY (GEOG) (Continued)						
101-5	Physical Geography	1	8:55-10:10	MTuWThF	Ag 144	Mr. LaValle
211-5	Economic Geography for Business Students	1	10:20-11:35	MTuWThF	Ag 224	Mr. Stafford
313-3	Geography of Illinois	1	7:30-8:45	MTu Th	Ag 144	Mr. Cunningham
324-4	Conservation of Natural Resources	1	10:20-11:35	MTu ThF	Ag 144	Mr. Cunningham
405-4	Advanced Economic Geography: Industrial Geography	1	10:20-11:35	MTu ThF	Ag 148	Mr. Harper
485-4	Workshop in the Geography of Latin America (July 10-August 4)	T1	8:55-11:35	MTuWThF	Ag 214	Miss Krause
521-4	Seminar in Economic Geography: Marketing Geography	1	8:55-11:35	MTu ThF	Ag 148	Mr. Stafford
530-1 to 4	Independent Study in Geography	1	To be arranged			Staff
599-1 to 4	Thesis	1	To be arranged			Staff
GEOLOGY (GEOL)						
440-1 to 4	Independent Study	1	To be arranged			Staff
450-9	Field Geology (June 19-July 28)	1	To be arranged		LG-Field Camp	Mr. Amos
541-1 to 4	Research	1	To be arranged			Staff
599-1 to 9	Thesis	1	To be arranged			Staff
GOVERNMENT (GOVT)						
101-5	Problems of American Democracy	1	7:30-8:45	MTuWThF	HEc 301	Mr. Frier
		2	8:55-10:10	MTuWThF	HEc 301	Mr. Morton
		3	10:20-11:35	MTuWThF	HEc 301	Mr. Hanson
		4	11:45-1:00	MTuWThF	HEc 301	Staff
		5	1:10-2:25	MTuWThF	HEc 301	Staff
		T6	7:30-8:45	MTuWThF	M 102	Staff
		T7	2:35-3:50	MTuWThF	HEc 301	Staff
231-5	American National Government	1	7:30-8:45	MTuWThF	M 201	Mr. Hanson
300-4	American Government	1	10:20-11:35	MTu ThF	M 201	Miss Ridgeway
321-1 to 6	Readings in Government	1	To be arranged			Mr. Morton
330-2	Illinois Government	1	10:20-11:35	Tu Th	M 102	Mr. Kenney
370-3	International Relations	1	10:20-11:35	M W F	M 102	Mr. Jacobini
406-4	The American Executive	1	11:45-1:00	MTu ThF	M 102	Mr. Nelson
454-8	Development of German Democracy— in Hamburg, Germany	1	To be arranged			Mr. Alexander
457-4	Governments and Politics of the Near and Middle East	1	1:00-3:50	Tu Th	M 202	Mr. Kamarasy
471-4	American Foreign Policy	1	8:55-10:10	MTuW F	M 102	Mr. Klingberg
502-4	Seminar in American Governmental Problems	1	1:10-2:35	M W F	M 202	Miss Ridgeway
521-1 to 6	Readings in Government	1	To be arranged			Mr. Morton
530-4 to 8	Internship in Public Affairs	1	To be arranged			Staff
599-2 to 9	Thesis	1	To be arranged			Staff
600-4 to 12	Dissertation	1	To be arranged			Staff

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
GUIDANCE (GUID)						
305-4	Educational Psychology	1	7:30-8:45	MTu ThF	HEc 118	Mr. Shaffer
		2	8:55-10:10	TuWThF	A 106	Mr. Hasan
		3	10:20-11:35	MTuW F	HEc 306	Mr. Colgan
		T4	10:20-11:35	MTuW F	M 306	Mr. Gardner
412-4 ¹	Mental Hygiene	1	10:20-11:35	MTuWTh	M 203	Mr. Kelley
		T2	8:55-10:10	MTuWTh	Ag 168	Miss Rafferty
420-4	Educational Statistics	1	8:55-10:10	TuWThF	M 203B	Mr. Fitzpatrick
422-4 ²	Educational Measurements I	1	7:30-8:45	MTuW F	HEc 208	Mrs. Parker
		2	1:10-3:50	M W	HEc 122	Mrs. Josse
		T3	1:10-3:50	M W	HEc 118	Mr. Gardner
442-4	Basic Principles of Guidance	1	11:45-1:00	MTuW F	HEc 102	Mrs. Parker
		T2	11:45-1:00	MTuW F	HEc 118	Mr. Gardner
481-4	Seminar on a Selected Topic (July 10-21)	1	7:30-11:35	MTuWThF	Woody	Mr. Renzaglia
			1:10-3:50			
		2	7:30-11:35	MTuWThF	Woody	Mr. Vicelli
			1:10-3:50			
501-1 to 6	Special Research Problems	1	To be arranged			Mr. Phelps
511-4	Educational Implications of Learning Theories	1	10:20-11:35	TuWThF	Ag 180	Mr. Orton
515-4	Psychological Aspects of Education	1	1:10-3:50	Tu Th	HEc 118	Mr. Skinner
521-4	Designing of Experiments in Education	1	11:45-1:00	M WThF	HEc 303	Mr. Fitzpatrick
522-4	Educational Measurements II	1	8:55-10:10	TuWThF	Ag 170	Mr. Orton
526-4	Techniques of Individual Guidance	1	7:30-8:45	MTuWTh	A 102	Mr. Thalman
536A-4	Appraisal of Intelligence (Elementary)	1	7:30-8:45	MTu ThF	Ag 180	Mr. Russell
536B-4	Appraisal of Intelligence (Adolescents)	1	7:30-8:45	MTu ThF	Ag 180	Mr. Russell
537-4	Counseling and Theory and Practice I	1	1:10-3:50	Tu Th	HEc 122	Mr. Meek
541-4	Occupational Information and Guidance	1	11:45-1:00	MTuWTh	HEc 302	Mr. Ramp
543-4	Guidance Through Groups	1	10:20-11:35	M WThF	Ag 170	Mr. Phelps
545A-4	Seminar: Problems in Guidance	1	1:10-3:50	M W	HEc 302	Mr. Meek
562B-4	Adolescent Development in Education	1	8:55-10:10	TuWThF	M 215	Mr. Skinner
576-4	Practicum in School Personnel Work	1	To be arranged		USch	Mr. DeWeese
599-5 to 9	Thesis	1	To be arranged			Mr. Fitzpatrick
¹ Same as Psychology 432						
² Cross-listed with Secondary Education						
HEALTH EDUCATION (H ED)						
100-4	Healthful Living	1	7:30-8:45	MTuW F	M 107	Mr. Casey
		2	8:55-10:10	M WThF	M 107	Mr. Richardson
		3	10:20-11:35	MTuWTh	LC	Mr. Carlyon
		T4	11:45-1:00	TuWThF	M 107	Staff
		T5	1:10-2:25	MTu ThF	M 107	Staff
		T6	7:30-8:45	TuWThF	Gym 204	Staff
		T7	8:55-10:10	MTuW F	Gym 204	Staff
		T8	10:20-11:35	MTuWTh	M 215	Staff
205-4	Principles and Foundations of Health Education	1	7:30-8:45	M WThF	M 112	Mr. Richardson
302S-4	Driver Education and Training	1	7:30-8:45	MTu ThF	105 E. Grand	Mr. Aaron
313S-4	Introduction to Safety Education	1	11:45-1:00	MTu ThF	Gym 204	Mr. Vaughan
323S-4	Methods and Materials in Safety Education	1	1:10-2:25	MTu ThF	Gym 203	Staff
334S-4	First Aid	1	10:20-11:35	MTu ThF	105 E. Grand	Mr. Bridges
		2	8:55-10:10	MTuWTh	LC	Staff
350-4	Methods and Materials in Elementary Health Education	1	8:55-10:10	M WThF	M 112	Miss Phillips
		T2	10:20-11:35	MTuW F	M 112	Staff

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
HEALTH EDUCATION (H ED) (Continued)						
443S-4	Methods and Materials in Driver Education	1	8:55-10:10	MTu ThF	105 E. Grand	Mr. Bridges
460-4	Methods and Materials in Secondary School Health Education	1	7:30-8:45	TuWThF	A 106	Mr. Vaughan
461-4	Workshop in School Health Education (June 19-July 14)	1	1:10-4:30	MTuWThF	M 203B	Mr. Grissom
462-4	Workshop in School Health Education (June 19-July 14)	1	1:10-4:30	MTuWThF	M 210	Mr. Grissom
463-4	Workshop in School Health Education (June 19-July 14)	1	1:10-4:30	MTuWThF	M 213	Mr. Grissom
471-4	Organization and Administration of the School Health Program	1	7:30-8:45	MTuW F	M 215	Mr. LeFevre
475S-4	Traffic Law Enforcement and Planning	T1	11:45-1:00	MTu ThF	105 E. Grand	Mr. Aaron
480S-4	Workshop in Safety Education (July 17-August 11)	1	1:10-4:30	MTuWThF	M 210	Mr. Stack
511-5	Practicum in Health Education (June 19-July 14)	1	10:00-11:00 1:10-4:30	MTuWThF	M 106	Mr. Grissom
520-4 to 6	Special Projects in Health Education	1	To be arranged			Mr. Boydston
530S-4	Problems in Research in Accident Prevention	T1	10:20-11:35	MTu ThF	M 203B	Mr. Stack
535-3	Human Conservation III	1	To be arranged			Mr. Grissom and Mr. Richardson
HIGHER EDUCATION (HI ED)						
410-4	Higher Education in the United States	T1	7:30-8:45	MTuWTh	HEc 122	Mr. Trueblood
476-4	Administrative Practices	1	8:55-10:10	MTuWTh	M 305A	Mr. Hand
522A-1 to 4	Readings in Higher Education (College Teaching)	1	To be arranged			Mr. Hand
522B-1 to 4	Readings in Higher Education (College Student Personnel)	1	To be arranged			Mr. Trueblood
522C-1 to 4	Readings in Higher Education (College Administration)	1	To be arranged			Mr. Hand
HISTORY (HIST)						
103-3	Survey of Western Civilization	1	10:20-11:35	M W F	M 213	Mr. Rothenberg
201-5 ¹	The United States to 1865	1	7:30-8:45	MTuWTh	Browne M 209	Mr. Adams
201A-0	(Discussion Group) ¹	1	11:45-1:00	Th	M 209	Staff
		2	7:30-8:45	F	M 209	Staff
		3	10:20-11:35	F	M 209	Staff
		4	1:10-2:25	F	M 209	Staff
202-5 ¹	The United States since 1865	1	1:10-2:25	MTuWTh	Browne M 209	Mr. Briggs
202A-0	(Discussion Group) ¹	1	8:55-10:10	F	M 209	Staff
		2	11:45-1:00	F	M 209	Staff
		3	2:35-3:50	F	M 209	Staff
		4	2:35-3:50	M	M 209	Staff
308-3	History of Illinois	1	1:10-2:25	MTu Th	M 207	Mr. Wright
367-3	Introduction to Far Eastern Civilization	1	7:30-8:45	M W F	M 207	Mr. Kuo
373-3	History of Russia since 1905	1	7:30-8:45 8:55-10:10	Tu Th M	M 209	Mr. Kuo

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
HISTORY (HIST) (Continued)						
410-2 to 5	Special Readings in History	1	To be arranged			Staff
412-3	Social and Intellectual U.S., 1830-1900	1	10:20-11:35	M W F	M 207	Mr. Adams
441-3	American Diplomacy since 1898	1	8:55-10:10	M W F	M 206	Mr. Gardiner
473-3	The Caribbean Area in the Twentieth Century	1	11:45-1:00	TuWTh	M 209	Mr. Gardiner
500-4	Seminar in History	1	1:10-3:50	Tu Th	M 209	Mr. Ammon
510-2 to 5	Readings in History	1	To be arranged			Staff
590-1 to 6	Individual Research	1	To be arranged			Staff
599-3 to 9	Thesis	1	To be arranged			Staff
*History 201 and 202 are each taught in large Lecture Sections meeting 4 times a week and in a number of small Discussion Groups meeting once a week. It is essential that each student register for a Discussion Group (201A or 202A).						
HOME AND FAMILY (H & F)						
435-4	Work Simplification in Home Management (July 17-August 11)	1	8:55-11:35	MTu ThF	HEc 5	Miss Johnston
481-2 to 6	Readings	1	To be arranged			Staff
566-4	Seminar in Home and Family	1	7:30-8:45	MTu ThF	HEc 120	Mr. Moss
599-5 to 9	Thesis	1	To be arranged			Staff
HOME ECONOMICS EDUCATION (H E ED)						
415-1	Introduction to Graduate Study	1	8:55-10:10	W	HEc 120	Miss Fults
506-4	Evaluative Procedures in Home Economics (June 20-July 14)	1	8:55-11:35	MTu ThF	HEc 120	Miss Fults
510-4	Supervision of Home Economics (July 17-August 11)	1	1:10-3:50	MTu ThF	HEc 120	Miss Cameron
599-2 to 5	Thesis	1	To be arranged			Staff
INDUSTRIAL EDUCATION (I ED)						
112-4	Basic Woodwork	1	10:20-1:00	MTu ThF	T-25 R 102	Staff
122-4	Machine Shop I	1	7:30-10:10	MTu ThF	T-25 R 109	Staff
145-4	Basic Electricity	1	10:20-1:00	MTu ThF	T-25 R 106	Mr. Culpepper
302-4	Construction Methods for Primary Teachers	1	7:30-10:10	MTu ThF	T-25 R 110	Mr. Shake
303-4	Diversified Crafts for Teachers and Recreational Leaders	2	10:20-1:00	M WThF	USch R 105	Mr. Pollock
		1	1:10-3:50	MTuWTh	USch R 105	Staff
		T2	10:20-1:00	MTu ThF	T-25 R 106	Mr. Shake
319-3	Industrial Internship	1	To be arranged (By permit only)			Mr. Ramp
322-4	Machine Shop III	1	10:20-1:00	MTu ThF	T-25 R 109	Mr. Schroeder
325-4	Advanced Machine Shop	1	10:20-1:00	MTu ThF	T-25 R 109	Mr. Schroeder
332-4	Fundamentals of Transportation	1	8:55-10:10	MTu ThF	USch R 105	Mr. Buntten
342-4	Painting and Finishing	1	7:30-10:10	MTu ThF	T-25 R 102	Mr. Schroeder
360-4	Specialized Advanced Machine Shop	1	10:20-1:00	MTu ThF	T-25 R 109	Mr. Schroeder
365-4	Industrial Safety	1	1:10-2:25	MTu ThF	P 204	Mr. Johnson
380-4	Special Skills in Teaching Industrial Subjects (Electronics)	1	10:20-1:00	MTu ThF	T-25 R 106	Mr. Culpepper
430-2 to 6	Special Problems	1	To be arranged (By permit only)			Mr. Erickson

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
INDUSTRIAL EDUCATION (I ED) (Continued)						
435-6	Manual Arts Internship	1	To be arranged (By permit only)			Mr. Gallington
490-4	Principles of Industrial Teaching	1	10:20-11:35	MTuWTh	T-26 R 110	Mr. Ramp
491-4	Principles of Trade Teaching	1	10:20-11:35	MTuWTh	T-26 R 110	Mr. Ramp
498-4	Organizing and Administering the General Shop	1	7:30-8:45	MTu ThF	T-26 R 110	Mr. Erickson
540-4	Reseach in Industrial Education	1	8:55-10:10	MTu ThF	T-26 R 110	Mr. Gallington
541-4 ¹	Occupational Information and Guidance	1	11:45-1:00	MTuWTh	HEc 302	Mr. Ramp
560-2 ²	New Developments in Industrial Education (The Area Technical School of the Future) (June 20-23 and 26-29)	1	10:20-11:35 1:10-2:25	TuWThF (June 20-23) MTuWTh (June 26-29)	HEc 208	Mr. Fenninger
560-2 ²	New Developments in Industrial Education (Comparative Industrial Education with Emphasis on Russian Education) (July 3-7 and 10-13)	2	10:20-11:35 1:10-2:25	M WThF (July 3-7) MTuWTh (July 10-13)	HEc 208	Mr. Nichols
560-2 ²	New Developments in Industrial Education (Professional Writing for Publication) (July 18-21 and 24-27)	3	10:20-11:35 1:10-2:25	TuWThF (July 18-21) MTuWTh (July 24-27)	HEc 208	Mr. Stephens
560-2 ²	New Developments in Industrial Education (Industrial Education in the 1970's) (August 1-4 and 7-10)	4	10:20-11:35 1:10-2:25	TuWThF (August 1-4) MTuWTh (August 7-10)	HEc 208	Mr. Hostetler
570-2 to 6	Special Investigation in Industrial Education	1	To be arranged			Mr. Gallington
599-1 to 9	Thesis	1	To be arranged			Mr. Gallington
¹ Cross-listed with Guidance						
² Cross-listed with Secondary Education						
INSTRUCTIONAL MATERIALS (I M)						
306-4	School Libraries as Information Centers	1	8:55-10:10	MTuWTh	T-41 R 101	Mr. Evans
308-4	School Library Technical Processes	1	11:45-1:00	MTuWTh	Lib 112	Mr. Evans
405-4	Library Materials for Children	1	7:30-8:45	MTuWTh	T-41 R 102	Miss Fletcher
406-4	Library Materials for Adolescents	1	10:20-11:35	MTuWTh	Lib 112	Miss Fletcher
417-4	Audio-Visual Methods in Education	1	8:55-10:10	MTuWTh	M 203A	Mr. Wendt
		T2	7:30-8:45	MTuWTh	M 203A	Mr. Wendt
445-4	Preparation of Teacher-Made Audio-Visual Materials (June 20-July 14)	1	1:10-3:50	MTuWThF	Lib 112	Mr. Rust
445-4	Preparation of Teacher-Made Audio-Visual Materials (July 17-August 11)	T2	7:30-10:10	MTuWThF	Lib 112	Mr. Rust
JOURNALISM (JRNL)						
201-3	Newsriting and Editing I	1	8:55-10:10	MTuWTh	T-48	Mr. Clayton
202-3	Newsriting and Editing II	1	8:55-10:10	MTuWTh	T-48	Mr. Clayton
214-3	Typography	1	10:20-11:35	MTuWTh	T-48	Mr. Modlin
260A-3 ¹	Beginning Photography	1	8:55-10:10 1:00-3:50	MTuWTh M W	T-27 R 100 Ag 140	Mr. Horrell
390-3	Advanced Reporting	1	10:20-11:35	M W F	T-48	Mr. Clayton
399-1	Senior Seminar	1	To be arranged			Mr. Long

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
JOURNALISM (JRNL) (Continued)						
421-4	School Publications	1	10:20-11:35	M W F	T-48	Mr. Rice
422-3	Teaching High School Journalism	1	1:10-2:25 8:55-10:10	Tu Th S	T-48	Mr. Rice
432-3	Communication Agencies and Public Opinion	1	7:30-8:45	M W F	T-48	Mr. Long
449-2	Practicum in Publication Supervision	1	To be arranged		T-48	Mr. Clayton
499-3	News Analysis in the Classroom	T1	8:55-10:10	M W F	T-48	Mr. Nelson
533-1 to 3	Research Problems in Journalism	1	To be arranged		T-48	Mr. Long
599-1 to 8	Thesis	1	To be arranged		T-48	Mr. Long
¹ Cross-listed with Printing & Photography						

LABOR INSTITUTE (L I)

Students interested in this field should consult Mr. John M. McDermott, Director, Labor Institute. Offices are located at 911 South Forest.

LATIN AMERICAN INSTITUTE (L A I)

Students interested in a special program in Latin American Studies should consult Mr. A. W. Bork, Director, Latin American Institute. Offices are located at 907 South Lewis. Special courses available are Anthropology 110, Foreign Language 103 and 435, Geography 485, Government 370 and 471, and History 441 and 473.

MANAGEMENT (MGT)

170-4	Introduction to Business	1	8:55-10:10	TuWThF	M 210	Mr. Rehn
271-4	Business Writing	1	8:55-10:10	TuWThF	M 214	Mr. Dandeneau
320-5	Corporation Finance	1	8:55-10:10	MTuWThF	M 206	Mr. Hong
365-2 to 14	Small Business Management Internship II	1	To be arranged			Mr. Bedwell
371-4	Business Law I	1	11:45-1:00	TuWThF	M 207	Mr. Winters
380-4	Production Management	1	7:30-8:45	MTuWTh	M 210	Mr. Stamberg
385-4	Personnel Management	1	7:30-8:45	MTuWTh	M 214	Mr. Douglas
485-4	Problems in Personnel Management	1	10:20-11:35	MTuWTh	M 210	Mr. Douglas
500-2 to 5	Readings in Business Administration	1	To be arranged		T-32 R 105	Mr. Hong
501-2 to 5	Individual Research	1	To be arranged		T-32 R 105	Mr. Hong
599-2 to 9	Thesis	1	To be arranged		T-32 R 105	Mr. Hong

MARKETING (MKTG)

230-5	Principles of Marketing	1	10:20-11:35	MTuWThF	HEc 201	Mr. Benson
331-4	Retailing	1	8:55-10:10	TuWThF	M 207	Mr. Hindersman
337-4	Principles of Salesmanship	1	11:45-1:00	TuWThF	Browne	Mr. Hoffman
349-3	Wholesaling	1	7:30-8:45	M W F	HEc 201	Mr. Hindersman
438-4	Sales Management	1	10:20-11:35	MTuWTh	HEc 302	Mr. Hoffman

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
MARKETING (MKTG) (Continued)						
500-2 to 5	Readings	1	To be arranged			Mr. Hindersman
501-2 to 5	Individual Research	1	To be arranged			Mr. Benson
595-3	Seminar	1	To be arranged			Mr. Benson
599-1 to 9	Thesis	1	To be arranged			Mr. Hoffman
MATHEMATICS (MATH)						
106A-4	General Mathematics I	1	7:30-8:45	MTu ThF	M 310	Staff
		2	10:20-11:35	MTu ThF	M 314	Staff
		T3	10:20-11:35	MTu ThF	M 310	Staff
		4	1:10-2:25	M WThF	M 310	Staff
106C-4	General Mathematics I (Pre-111)	1	11:45-1:00	M WThF	M 311	Staff
107A-4	General Mathematics II	1	7:30-8:45	MTu ThF	M 309	Mr. Wimp
		T2	7:30-8:45	MTu ThF	M 312	Staff
111-5	Elementary Analysis I	1	8:55-10:10	MTuWThF	M 311	Miss Beckemeyer
		2	11:45-1:00	MTuWThF	M 314	Mr. Hall
112-5	Elementary Analysis II	1	10:20-11:35	MTuWThF	M 311	Mr. Wimp
		T2	10:20-11:35	MTuWThF	M 312	Staff
113-5	Calculus and Analytic Geometry I	1	1:10-2:25	MTuWThF	M 314	Mr. Rodabaugh
		T2	1:10-2:25	MTuWThF	M 309	Staff
210-4	Teaching of Elementary Mathematics	1	7:30-8:45	MTuW F	M 314	Mr. Fulkerson
		2	8:55-10:10	MTu ThF	M 310	Mr. Slechticky
220-4	Elementary Statistics	1	11:45-1:00	MTuWThF	M 309	Mr. Skalsky
		T2	11:45-1:00	MTuWThF	M 310	Staff
251-4	Calculus and Analytic Geometry II	1	7:30-8:45	M WThF	M 311	Mr. Hall
252-4	Calculus and Analytic Geometry III	1	8:55-10:10	MTu ThF	M 314	Mr. Wilson
253-4	Calculus and Analytic Geometry IV	1	10:20-11:35	M WThF	M 309	Mr. Rodabaugh
320-4	Fundamental Concepts of Algebra I	1	8:55-10:10	M W F	M 309	Mr. Skalsky
430-4	Projective Geometry	1	1:10-2:25	MTu ThF	M 311	Mr. Black
440-4	Modern Algebra for Teachers (National Science Foundation)	1	8:55-10:10	Tu Th	Ag 150	Staff
442-4	Survey of Geometry (National Science Foundation)	1	7:30-8:45	M W F	Ag 148	Staff
			1:10-2:25	M W F	Felts	
443-4	Analytic Methods in Geometry (National Science Foundation)	1	7:30-8:45	M W F	Ag 150	Staff
			1:10-2:25	M W F	BrownH	
		2	8:55-10:10	Tu Th	Ag 146	Staff
			10:20-11:35	M W F		
540-4	Groups and Linear Transformations (National Science Foundation)	1	8:55-10:10	Tu Th	Ag 166	Staff
			1:10-2:25	M W F		
550C-2 ¹	Seminar in Analysis	1	2:35-3:50	Tu Th	M 314	Mr. Wilson
550E-2	Seminar in Mathematics Education (National Science Foundation)	1	1:10-3:50	Tu	BrownH	Staff
		2	1:10-3:50	Th	BrownH	Staff
595A-2 to 4	Special Project in Algebra	1	To be arranged			Staff
595B-2 to 4	Special Project in Geometry	1	To be arranged			Staff
595C-2 to 4	Special Project in Analysis	1	To be arranged			Staff
595D-2 to 4	Special Projects in Probability and Statistics	1	To be arranged			Staff
595E-2 to 4	Special Project in Mathematics Education	1	To be arranged			Staff
599-2 to 6	Thesis	1	To be arranged			Staff

¹ Registrants must secure consent of department

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
MICROBIOLOGY (MICR)						
511	Research	1	To be arranged			Staff
528-1 to 10	Readings in Microbiology	1	To be arranged			Staff
550-4	Microbiology for High School Teachers (National Science Foundation)	1	7:30-8:45	Tu Th	LS G-16	Mr. Goldberg
			7:30-10:10	W F	LS G-6	
551-3	Intermediate Microbiology for High School Teachers (National Science Foundation)	T1	2:35-3:50		LS G-16	Mr. Goldberg
			3:55-5:05	M W	LS G-16	
552-1	Seminar in Biological Science for High School Teachers (National Science Foundation)	1	1:10-2:25	M	LS G-16	Staff
			10:20-11:35	F		
599-3 to 9	Thesis	1	To be arranged			Staff
MUSIC (MUS)						
001-1	Band	1	1:10-2:25	Tu Th	Aud Stage	Mr. Olsson
002-1	Chorus	1	1:10-2:25	W F	Alg 115	Mr. Hines
003-1	Orchestra	1	1:10-2:25	M	Aud Stage	Mr. Ficocelli
			7:00-9:30 P.M.	Tu		
011-2 to 4	Private Violin	1	To be arranged		Alg 219	Mr. Wharton
012-2 to 4	Private Viola	1	To be arranged		Alg 219	Mr. Wharton
013-2 to 4	Private Cello	1	To be arranged		Aud 111	Mr. Ficocelli
014-2 to 4	Private Double Bass	1	To be arranged		Aud 111	Mr. Ficocelli
021-2 to 4	Private Flute	1	To be arranged		Alg 233	Mr. Bottje
022-2 to 4	Private Oboe	1	To be arranged		Alg 231	Mr. Forman
024-2 to 4	Private Bassoon	1	To be arranged		Alg 231	Mr. Forman
031-2 to 4	Private Percussion	1	To be arranged		Aud 201	Mr. Canedy
040-1	Class Piano	1	8:55-10:10	M W F	Alg 301	Mr. Wharton
041-2 to 4	Private Piano	1	To be arranged		Alg 247	Mr. Denker
041-2 to 4	Private Piano	2	To be arranged		Alg 245	Mr. Mueller
051-2 to 4	Private French Horn	1	To be arranged		Alg 204	Mr. Olsson
052-2 to 4	Private Trumpet	1	To be arranged		Alg 204	Mr. Olsson
060-1	Class Voice	1	7:30-8:45	Tu Th	Alg 115	Mr. Hines
061-2 to 4	Private Voice	1	To be arranged		Alg 246	Mr. Kelleys
071-2 to 4	Private Organ	1	To be arranged		Alg 243	Mr. Morgan
NOTE: Additional courses in private or class instruments will be offered to qualified students after consultation with the chairman of the Department of Music. All class instrument and voice students are reminded of the requirement of at least one hour of private practice per day. Air-conditioned practice rooms will be assigned on the first day of the summer session at the Department of Music Office (Alg 103).						
100-3	Music Understanding	1	7:30-8:45	M W F	Alg 115	Mr. McIntosh
307-4	Recreational Music	1	8:55-10:10	MTu ThF	Alg 248	Mr. McIntosh
312-2	Composition I	1	To be arranged		Alg 233	Mr. Bottje
313-2	Composition II	1	To be arranged		Alg 233	Mr. Bottje
314-2	Composition III	1	To be arranged		Alg 233	Mr. Bottje
320-2	Conducting III	1	To be arranged		Alg 233	Staff
346-2 to 8	Opera Workshop	1	2:30-4:30	MTuWThF	Alg 247	Mr. Kelleys and
			7:00-10:00 P.M.	MTuWThF	Alg 115	Mr. Olsson
451-2	The Teaching of General Classroom Music (Junior and Senior High School)	1	To be arranged			Mr. Taylor
455-4	Elementary Music Education Workshop (July 3-14)	T1	9:00-12:00 1:30-3:30	MTuWThF	Alg 106	Mr. Thomas
471-2 to 4	Private Piano	1	To be arranged		Alg 247	Mr. Denker
472-2 to 4	Private Voice	1	To be arranged		Alg 246	Mr. Kelleys
474A-2 to 4	Private Flute	1	To be arranged		Alg 233	Mr. Bottje
476-2 to 4	Private Organ	1	To be arranged		Alg 243	Mr. Morgan
501-3	Introduction to Graduate Study	1	8:55-10:10	M W F	Alg 105	Mr. Morgan
502-3	History and Analysis of Style	1	10:20-11:35	M W F	Alg 106	Mr. Mueller
531-3	Advanced Composition	1	To be arranged		Alg 233	Mr. Bottje

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
MUSIC (MUS) (Continued)						
553-3	Workshop (Seminar) in Choral Materials and Techniques (July 17-28)	1	1:00-4:00	MTuWThF	Alg 115	Mr. Taylor and Mr. Hines
554-3	Workshop (Seminar) in Instrumental Materials and Techniques (July 17-28)	1	9:00-12:00	MTuWThF	Aud Stage	Mr. Olsson, Mr. Canedy, and Mr. Forman
556-2	Advanced Conducting	1	To be arranged			Staff
560-2	Seminar in Music Education	1	To be arranged			Mr. Thomas
568-2 to 8	Opera Workshop	1	2:30-4:30	MTuWThF	Alg 246	Mr. Kelleys
			7:00-10:00 P.M.	MTuWThF	Alg 115	Mr. Olsson
571-4	Private Piano	1	To be arranged		Alg 247	Mr. Denker
572-4	Private Voice	1	To be arranged		Alg 246	Mr. Kelleys
576-4	Private Organ	1	To be arranged		Alg 243	Mr. Morgan
599-3 to 6	Thesis	1	To be arranged		Alg 103	Staff

NURSING (NURS)

240-4	Medical-Surgical Nursing III	1	1:00-2:50 2 hours to be arranged	TuW M	HEc 128 Hospital	Miss Jimison
240A-4	Medical-Surgical Nursing Practicum III	1	7:00-12:30 7:00-3:30 7:00-2:30	TuW Th F	Hospital	Miss Jimison and Staff
385-2	General Nursing	1	10:30-12:10	Tu F	Hospital	Mrs. Breniman
386-3	General Nursing Practicum (June 20-July 14)	1	7:30-10:20 10:30-12:10	MTuWThF M Th	Hospital	Mrs. Breniman

PHILOSOPHY (PHIL)

120-2	Practical Logic I	1	8:55-10:10	Tu Th	A 102	Mr. Moore
140-2	Ideas of Good and Evil	1	11:45-1:00	Tu Th	A 102	Mr. McClure
303-4	Oriental Philosophy	1	8:55-10:10	MTuWTh	A 207	Staff
340-4	Elementary Ethics and Politics	1	10:20-11:35	MTuWTh	P 301	Mr. McClure
355-4 ¹	Philosophy of Education	1	10:20-11:35	MTuWTh	A 207	Mr. Moore
490-2 to 4	Special Problems	1	To be arranged		A 208	Mr. Moore
530-2 to 4	Seminar in Theory of Knowledge	1	To be arranged		A 211	Mr. McClure
589-2 to 5	General Graduate Seminar	1	To be arranged		A 208	Mr. McClure
590-2 to 5	General Graduate Seminar	1	To be arranged		A 208	Mr. Moore
591-1 to 5	Readings in Philosophy	1	To be arranged		A 208	Mr. Moore
599-3 to 6	Thesis	1	To be arranged		A 208	Mr. Moore

¹ Cross-listed with Educational Administration and Supervision

PHYSICAL EDUCATION FOR MEN (PEM)

REQUIRED PHYSICAL EDUCATION

149-1	Freshman Adapted and Restricted Physical Education	1	11:45-1:00	MTuW	Gym 207	Mr. Green
151-1	Freshman Required Physical Education (Recreational Sports)	1	7:30-8:45	MTu Th	Gym 207	Mr. Martin
152-1	Freshman Required Physical Education (Recreational Sports)	1	8:55-10:10	MTu Th	Gym 207	Mr. Martin
153-1	Freshman Required Physical Education (Recreational Sports)	1	10:20-11:35	MTuW	Gym 207	Mr. Gallatin

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
PHYSICAL EDUCATION FOR MEN (PEM) (Continued)						
203-1 ²	Elementary Swimming	1	10:20-11:35	M W	Pool	Mr. Holder
204-1 ²	Intermediate Swimming	1	11:45-1:00	M W	Pool	Mr. Holder
		2	11:45-1:00	Tu Th	Pool	Mr. Shea
205-1 ²	Advanced Swimming	1	To be arranged		LG ¹	Mr. Franz
220-1 ²	Recreational Activities (Outdoor)	1	7:30-8:45	M W	Gym 207	Mr. Gallatin
		2	7:30-8:45	Tu Th	Gym 207	Mr. Iubelt
		3	8:55-10:10	M W	Gym 207	Mr. Gallatin
		4	8:55-10:10	Tu Th	Gym 207	Mr. Piccone
		5	8:55-10:10	M W	Gym 207	Mr. Meade
		6	8:55-10:10	Tu Th	Gym 207	Mr. Iubelt
		7	10:20-11:35	M W	Gym 207	Mr. Meade
		8	10:20-11:35	Tu Th	Gym 207	Mr. Meade
		9	11:45-1:00	M W	Gym 207	Mr. Hartzog
		10	11:45-1:00	Tu Th	Gym 207	Mr. Hartzog
240-1 ²	Golf Techniques	1	10:20-11:35	Tu Th	Gym 207	Mr. Holder
249-1 ²	Sophomore Adapted and Restricted Physical Education	1	11:45-1:00	M W	Gym 207	Mr. Green
251-1	Sophomore Required Physical Education (Tennis)	1	10:20-11:35	M W	Tennis	Mr. LeFevre
378-1 ²	Canoeing and Boating	1	To be arranged		LG ¹	Mr. Franz
PHYSICAL EDUCATION FOR MAJORS AND MINORS						
118-1	Methods and Materials of Teaching Tennis	1	8:55-10:10	M W	Tennis	Mr. LeFevre
119-1	Methods and Materials of Teaching Golf	1	8:55-10:10	Tu Th	Gym 207	Mr. Holder
217-2	Methods and Materials of Coaching Football	1	7:30-8:45	MTuWTh	Gym 203	Mr. Piccone
331C-2	Theory of Coaching Track and Field	1	8:55-10:10	Tu Th	Gym 203	Mr. Hartzog
341-3	Principles of Physical Education	1	11:45-1:00	MTuW	Gym 203	Mr. Lingle
376-3	Emergency Care and Prevention of Athletic Injuries	1	10:20-11:35	MTuWTh	Gym 204	Mr. Spackman
400-4	Evaluation in Physical Education	1	10:20-11:35	MTuWTh	Gym 203	Mr. Shea
420-3	Physiological Effects of Motor Activity (June 19-July 14)	1	1:10-3:50	MTuWTh	Gym 204	Mr. Bender
500-4	Techniques of Research	1	8:55-10:10	MTuWTh	Gym 206	Miss Zimmerman
525-1 to 6	Readings in Physical Education	1	To be arranged			Staff
599-6 to 9	Thesis	1	To be arranged			Staff

¹ No transportation from campus to lake is available.

² May be substituted for Sophomore Required Physical Education

PHYSICAL EDUCATION FOR WOMEN (PEW)

100-1	Beginning Swimming	1	7:30-8:45	M W F	Pool	Miss Thorpe
127-1	Basic Body Movements	1	8:55-10:10	Tu ThF	Gym 114	Miss Wood
205-1	Intermediate Swimming	1	7:30-8:45	M W	Pool	Miss Stehr
214-1	Archery	1	8:55-10:10	Tu Th	Gym	Miss Thorpe
		2	10:20-11:35	M W	Gym	Miss Wood
		T3	7:30-8:45	F	Gym	Staff
			1:10-2:25	M		

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
PHYSICAL EDUCATION FOR WOMEN (PEW) (Continued)						
215-1	Badminton	1	11:45-1:00	M W	Gym	Miss Thorpe
		2	11:45-1:00	Tu Th	Gym	Miss Wood
216-1	Tennis	1	7:30-8:45	M W	Gym	Miss Wood
		2	7:30-8:45	Tu Th	Gym	Miss Thorpe
		3	8:55-10:10	M W	Gym	Miss Wood
		4	10:20-11:35	Tu Th	Gym	Miss Wood
		T5	1:10-2:35	Tu Th	Gym 114	Staff
222-1	Golf	1	7:30-8:45	Tu Th	Gym 114	Miss Stehr
		2	8:55-10:10	M W	Gym 114	Miss Davies
		3	10:20-11:35	W F	Gym 114	Miss Thorpe
		4	11:45-1:00	M W	Gym 114	Miss Stehr
		5	11:45-1:00	Tu Th	Gym 114	Miss Thorpe
		T6	1:10-2:25	W F	Gym 114	Staff
319-4	Teaching Elementary School Activities	1	7:30-8:45	M WThF	Gym 114	Miss Zimmerman
		2	10:20-11:35	MTuWTh	Gym 114	Miss Stehr
		T3	2:35-3:50	MTuWTh	M 110	Staff
353-4	Organization and Administration of Physical Education	T1	7:30-8:45	MTuWTh	Gym 206	Miss Davies
362-1 to 4	Teaching Basic Activities to Junior and Senior High School Girls					
	Basic Body Movement (June 19-23)	T1	1:10-4:00	MTuWTh	Gym	Staff
	Dance (June 26-30)	T2	1:10-4:00	MTuWTh	Gym	Staff
	Badminton and Recreational Games (July 3-7)	T3	1:10-4:00	MTuWTh	Gym	Staff
	Softball (July 10-14)	T4	1:10-4:00	MTuWTh	Gym	Staff
400-4	Evaluation in Physical Education	1	10:20-11:35	MTuWTh	Gym 203	Mr. Shea
404-4	Teaching of Sports	1	7:30-8:45	MTuWTh	Gym 204	Miss Davies
420-3	Physiological Effects of Motor Activities (June 19-July 14)	1	1:10-4:00	MTuWTh	Gym 203	Mr. Bender
500-4	Techniques of Research	1	8:55-10:10	MTuWTh	Gym 204	Miss Zimmerman
525-1 to 6	Readings in Physical Education	1	To be arranged			Staff
599-3 to 9	Thesis	1	To be arranged			Staff
PHYSICS (PHYS)						
101-4	Survey Course	1	8:55-10:10	MTuW F	P 308	Mr. Revak
			7:30-10:10	Th	P 317	
		2	11:45-1:00	M WThF	P 309	Mr. Revak
			10:20-1:00	Tu	P 317	
		T3	10:20-11:35	MTuWTh	P 309	Miss Zimmerschied
			10:20-1:00	F	P 317	
		T4	7:30-8:45	MTuWTh	P 309	Mr. Collins
			7:30-10:10	F	P 317	
102-4	Survey Course	1	7:30-8:45	M WThF	P 308	Miss Zimmerschied
			7:30-10:10	Tu	P 317	
		2	10:20-11:35	MTu ThF	P 308	Mr. Harbison
			10:20-1:00	W	P 317	
		T3	11:45-1:00	MTuW F	P 308	Mr. Collins
			10:20-1:00	Th	P 317	
312-5	Radio	1	7:30-8:45	MTuW F	P 301	Mr. Harbison
			7:30-10:10	Th	P 318	
410-5	Physical Optics	1	8:55-10:10	MTuWThF	P 309	Mr. Arvin
			7:30-8:45	Tu Th	P 302	
420-2 to 5	Special Projects I	1	To be arranged			Staff
520-2 to 5	Special Projects II	1	To be arranged			Staff
590-1 to 9	Physics Thesis	1	To be arranged			Staff

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
PHYSIOLOGY (PHSL)						
209-5	Introduction to Physiology	1	8:55-10:10 8:55-11:35	M W F Tu Th	LS G-16 LS G-113	Mr. Gass
414-4	Anatomy and Physiology of Speech and Hearing Mechanics	1	7:30-8:45	M W F	LS G-16	Staff
440-3	Electron Microscopy	1	7:30-10:10	Tu Th	LS 113 LS 118	Mr. Kaplan
599-3	Thesis	1	To be arranged		Labs	Mr. Kaplan and Mr. Gass
PLANT INDUSTRIES (PL I)						
304-3	Landscape Gardening	1	8:55-10:10	MTu ThF	Ag 195	Mr. Tucker
390-1 to 3	Special Studies in Plant Industries	1	To be arranged			Staff
407-3	Fertilizers and Soil Fertility (June 19-July 14)	1	10:20-1:00	M W F	Ag 166	Mr. Vavra
520-1 to 6	Readings	1	To be arranged			Staff
575-1 to 6	Research	1	To be arranged			Staff
599-1 to 9	Thesis	1	To be arranged			Staff
PRINTING AND PHOTOGRAPHY (P & P)						
260A-3 ¹	Beginning Photography	1	8:55-10:10 1:00-3:50	MTuWTh M W	T-27 R 100 Ag 140	Mr. Horrell
		2	7:30-8:45	MTuWThF	LG	Mr. Anderson
314B-3	Bindery	1	8:55-10:10	M W F	T-48	Mr. Modlin
341A-3	Cinematography I	1	1:00-2:50	M W F	T-27 R 100	Mr. Mercer
344A-1 to 3	Workshop in Cinema Production	1	To be arranged			Mr. Paine
390A-2 to 6	Problems in Still Photography and Cinematography	1	To be arranged			Staff
¹ Cross-listed with Journalism						
PSYCHOLOGY (PSYC)						
201-4	Introductory Psychology	1	7:30-8:45	MTuWTh	Ag 153	Staff
		2	8:55-10:10	MTuWTh	Ag 224	Mr. Carrier
		3	10:20-11:35	MTuWTh	Ag 168	Staff
		4	11:45-1:00	MTuWTh	Ag 224	Staff
		T5	1:10-2:25	MTuWTh	Ag 224	Mr. Carrier
		T6	8:55-10:10	MTuWTh	Ag 172	Staff
		T7	10:20-11:35	MTuWTh	Ag 172	Mr. Martire
301-4	Child Psychology	1	7:30-8:45	MTuWTh	Ag 146	Mr. Schaeff
		2	10:20-11:35	MTuWTh	T-40 R 114	Miss Rafferty
303-3	Adolescent Psychology	1	8:55-10:10	MTuWTh	Ag 218	Staff
305-4	Personality Dynamics	1	10:20-11:35	MTuWTh	M 202	Mr. Martire
311-4	Experimental Psychology I	1	8:55-11:35	Tu Th	1015 S Forest	Mr. Wagman
320-4	Introduction to Industrial Psychology	1	7:30-8:45	MTuWTh	Ag 218	Mr. Westberg
321-4	Psychological Tests and Measurements	1	10:20-11:35	MTuWTh	Ag 218	Staff
420-3	Scientific Methodology in Psychology	1	To be arranged		1015 S Forest	Mr. Applezweig
432-4	Mental Hygiene	1	10:20-11:35	MTuWTh	M 203	Mr. Kelley
		T2	8:55-10:10	MTuWTh	Ag 168	Mr. Kelley
490-1 to 4	Independent Projects	1	To be arranged			Staff

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
PSYCHOLOGY (PSYC) (Continued)						
523-2	Research Seminar	1	To be arranged			Staff
554-2	Theoretical Approaches to the Study of the Child	1	11:45-1:00	M W	Ag 218	Miss Rafferty
590A-1 to 12	Readings-General Psychology	1	To be arranged			Staff
590B-1 to 12	Readings-Experimental Psychology	1	To be arranged			Staff
590D-1 to 12	Readings-Personality	1	To be arranged			Staff
590E-1 to 12	Readings-Clinical Psychology	1	To be arranged			Staff
590F-1 to 12	Readings-Counseling Psychology	1	To be arranged			Staff
590G-1 to 12	Readings-Social Psychology	1	To be arranged			Staff
590H-1 to 12	Readings-Industrial Psychology	1	To be arranged			Staff
590J-1 to 12	Readings-Child Psychology	1	To be arranged			Staff
590K-1 to 12	Readings-School-Community Mental Health Psychology	1	To be arranged			Staff
591B-1 to 12	Research-Experimental Psychology	1	To be arranged			Staff
591D-1 to 12	Research-Personality	1	To be arranged			Staff
591E-1 to 12	Research-Clinical Psychology	1	To be arranged			Staff
591F-1 to 12	Research-Counseling Psychology	1	To be arranged			Staff
591J-1 to 12	Research-Child Psychology	1	To be arranged			Staff
593E-1 to 12	Practicum-Clinical Psychology	1	To be arranged			Mr. Tyler
593H-1 to 12	Practicum-Industrial Psychology	1	To be arranged			Mr. Westberg
593L-1 to 12	Practicum-Teaching of Psychology	1	To be arranged			Mr. Carrier
593M-1 to 18	Practicum-Rehabilitation	1	To be arranged			Mr. Renzaglia
593N-1 to 18	Practicum-Rehabilitation Counseling	1	To be arranged			Mr. Renzaglia
		2	To be arranged			Mr. Doleys
595A-2	Advanced Seminar-Clinical Psychology	1	To be arranged			Staff
595D-2	Advanced Seminar-Industrial Psychology	1	To be arranged		1009 S Forest	Staff
599-1 to 9	Master's Thesis	1	To be arranged			Staff
600-1 to 12	Doctoral Dissertation	1	To be arranged			Staff

¹ Cross-listed with Guidance

RADIO-TELEVISION (R-T)

161-4	Radio-TV Speaking	1	7:30-8:45	MTu ThF	RadS A	Staff
		2	1:10-2:25	MTu ThF	RadS A	Staff
251-2	Survey of Broadcasting	1	10:20-11:35	Tu Th	T-38 R 103	Mr. Criminger
257-4	Fundamentals of Broadcast Writing	1	10:20-11:35	TuWThF	A 106	Mr. Holman
351-5	Programs and Audiences	1	2:35-3:50	MTuWThF	T-38 R 101	Mr. Ripley
352-4	Laws and Policies	1	8:55-10:10	MTu ThF	T-38 R 101	Mr. Ripley
353-2	Radio and Television in Education	1	10:20-11:35	Tu Th	A 102	Staff
355-3	Broadcast Persuasion Factors	1	11:45-1:00	M W F	T-38 R 101	Mr. Ripley
361-2	Television Announcing	1	7:30-8:45	Tu Th	RadS B	Mr. Uray
368-3	Fundamentals of Television Production	1	10:20-1:10	M W F	RadS A	Mr. Uray
373-1 to 5 ¹	Advanced Production Laboratory	1	To be arranged		RadS	Staff
375A-4	News casting	1	11:45-1:00	MTuW F	RadS B	Mr. Mofield
375G-3	Advertising and Sales	1	2:35-3:50	TuW F	T-38 R 102	Mr. Mofield
375J-1 to 4	Individual Research Problems	1	To be arranged		RadS	Staff
394-5	Television Station Management	1	1:10-2:25	MTuWThF	T-38 R 101	Mr. Robbins

¹ Registrants must secure consent of department.

RECREATION AND OUTDOOR EDUCATION (REC)

201-4	Introduction to Recreation Leadership	1	7:30-8:45	MTuWTh	Office	Mr. O'Brien
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Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
RECREATION AND OUTDOOR EDUCATION (REC) (Continued)						
301-4	Programs in School Camping and Outdoor Education	1	To be arranged		LG	Staff
305-4	Maintenance and Repair of Recreation Areas, Facilities, and Equipment	1	To be arranged		LG	Staff
310-3	Social Recreation	1	To be arranged		LG	Staff
311-2 to 6	Camp Leadership (July 10-21)	1	To be arranged		LG-Camp I	Staff
		2	To be arranged		LG-Camp II	Staff
		3	To be arranged		LG-Camp III	Staff
312-2	Playground Leadership Workshop (June 14-17)	1	To be arranged		LG	Staff
312-2 to 6	Playground Leadership	2	To be arranged		LG	Staff
314-2 to 6	Institutional Recreation Leadership	1	To be arranged		LG	Staff
315-4	Recreational Dramatics	1	To be arranged		LG	Mr. Taylor
450-4	Principles and Interpretations of Recreation	1	8:55-10:10	MTuWTh	Office	Mr. O'Brien
480-4	Techniques in Camping	1	To be arranged		LG	Staff
510-4	School Camping and Outdoor Education Workshop (July 10-21)	1	To be arranged		LG	Mr. Taylor
510-2 to 6	School Camping and Outdoor Education Workshop	2	To be arranged		Nat'l Camp, Pa.	Mr. Sharp
		3	To be arranged		Nat'l Camp, Pa.	Mr. Sharp
		4	To be arranged		Nat'l Camp, Pa.	Mr. Sharp
		5	To be arranged		Nat'l Camp, Pa.	Mr. Sharp
550-2 to 6	Field Problems-Community Recreation	1	10:20-11:35	MTuWTh	Office	Mr. Freeberg

REHABILITATION COUNSELING (R C)

Students interested in graduate work in this field should consult Mr. Guy A. Renzaglia, Director, Rehabilitation Institute. Offices are located at 603 West Grand.

RELIGIOUS EDUCATION (R ED)

326-3	The Teachings of Miracles	1	8:55-10:10	M W F	BF	Mr. Johnson
345-3	Christian Principles for Teachers	1	7:30-8:45	M W F	BF	Mr. Hall

RUSSIAN STUDIES (RU ST)

Students interested in a minor in Russian studies should consult Mr. John J. Wuest, administrator and academic adviser for the program.

SECONDARY EDUCATION (S ED)

310-4	Principles of Secondary Education	1	8:55-10:10	TuWThF	HEc 118	Mr. Fligor
		2	10:20-11:35	TuWThF	HEc 122	Mr. Fligor
315-3	High School Methods	1	7:30-8:45	M W F	USch 41	Mr. Mees
375-2 to 3	Readings in Secondary Education	1	To be arranged			Mr. Dykhouse
401-4	Aero-Space Education Workshop (August 14-25)	1	8:55-11:35	MTuWThF	HEc 201	Staff
450-4 to 14	Field Training in Community Development Methods	1	To be arranged			Mr. Franklin
469-4	Junior High School Curriculum and Administration: Workshop (June 19-30)	1	8:55-11:35	MTuWThF	Ag 216	Mr. Nelson
490-4 ¹	Economic Education Workshop (July 3-14)	1	8:55-11:35	MTuWThF	Ag 216	Mr. Cochran
			1:10-3:50			

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
SECONDARY EDUCATION (S ED) (Continued)						
507-2 to 4 ²	Readings in Reading	1	To be arranged			
522-3 ²	Diagnosis and Correction of Reading Disabilities II	1	8:55-10:10	MTuWTh	T-40 R 101, 102	
560-2 ³	New Developments in Industrial Education (The Area Technical School of the Future) (June 20-23 and 26-29)	1	10:20-11:35 1:10-2:25	TuWThF (June 20-23) MTuWTh (June 26-29)	HEc 208	Mr. Stephens
560-2 ³	New Developments in Industrial Education (Comparative Industrial Education with Emphasis on Russian Education) (July 3-7 and 10-13)	2	10:20-11:35 1:10-2:25	M WThF (July 3-7) MTuWTh (July 10-13)	HEc 208	Mr. Arnold
560-2 ³	New Developments in Industrial Education (Professional Writing for Publication) (July 18-21 and 24-27)	3	10:20-11:35 1:10-2:25	TuWThF (July 18-21) MTuWTh (July 24-27)	HEc 208	Mr. Nichols
560-2 ³	New Developments in Industrial Education (Industrial Education in the 1970's) (August 1-4 and 7-10)	4	10:20-11:35 1:10-2:25	TuWThF (August 1-4) MTuWTh (August 7-10)	HEc 208	Mr. Hostetler
562-4	Workshop: High School Curriculum	1	10:20-11:35	MTuWTh	HEc 118	Staff
564-4	High School Principal	1	1:10-2:25	MTuWTh	HEc 102	Mr. Dykhouse
575A-4	Individual Research-Curriculum	1	To be arranged			Staff
575B-4	Individual Research-Supervision	1	To be arranged			Staff
575C-4	Individual Research-Language Arts	1	To be arranged			Staff
575D-4	Individual Research-Science	1	To be arranged			Staff
575E-4	Individual Research-Reading	1	To be arranged			Staff
575F-4	Individual Research-Social Studies	1	To be arranged			Staff
575G-4	Individual Research-Secondary Education	1	To be arranged			Staff
575H-4	Individual Research-Higher Education	1	To be arranged			Staff
575J-4	Individual Research-Junior College	1	To be arranged			Staff
596-5 to 9	Independent Investigation	1	To be arranged			Staff
597-1 to 3	Thesis	1	To be arranged			Staff
598-1 to 3	Thesis	1	To be arranged			Staff
599-1 to 3	Thesis	1	To be arranged			Staff
600-1 to 14	Dissertation	1	To be arranged			Staff

PRACTICE TEACHING

Secondary Student Teaching 352a-4 to 14, 352b-4 to 14, 352c-4 to 14—To be arranged

¹ Cross-listed with Economics. There will be one extra session on Saturday, July 8.

² Cross-listed with Elementary Education

³ Cross-listed with Industrial Education

SECRETARIAL AND BUSINESS EDUCATION (SEC)

102-3	Typewriting I	1	10:20-11:35	MTuW F	T-32 R 103	Mrs. Lockwood
103-3	Typewriting II	1	10:20-11:35	MTuW F	T-32 R 103	Mrs. Lockwood
104-3	Typewriting III	1	8:55-10:10	MTuWTh	T-32 R 103	Mr. Rahe
106-4	Shorthand II	1	11:45-1:00	M WThF	T-32 R 103	Mrs. Lockwood
107-4	Shorthand III	1	11:45-1:00	M WThF	T-32 R 103	Mrs. Lockwood
213-3	Typewriting IV	1	8:55-10:10	MTuWTh	T-32 R 103	Mr. Rahe
216-4	Shorthand IV	1	7:30-8:45	TuWThF	T-32 R 103	Mr. Buboltz
308-4	Transcription	1	7:30-8:45	TuWThF	T-32 R 103	Mr. Buboltz
403-3	Teaching Typewriting	1	7:30-8:45	M W F	T-32 R 103 T-32 R 104	Mrs. Lockwood Mrs. Lockwood
405-3	Teaching Basic (General) Business	1	11:45-1:00	MTu Th	T-32 R 104	Mr. Rahe

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
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SECRETARIAL AND BUSINESS EDUCATION (SEC) (Continued)

500-2 to 5	Readings in Business	1	To be arranged		T-32 R 115	Mr. Buboltz
506-4	Principles and Problems of Business Education	1	10:20-11:35	TuWThF	T-32 R 104	Mr. Buboltz

SMALL BUSINESS INSTITUTE (S B I)

Students interested in a program of studies in this field should consult Mr. Ralph Bedwell, Director, Small Business Institute. Offices are located at 801 West Mill.

SOCIOLOGY (SOC)

101-5	Introductory Sociology	1	7:30-8:45	MTuWThF	M 102A	Staff
		T2	7:30-8:45	MTuWThF	HEc 303	Staff
		3	8:55-10:10	MTuWThF	M 102A	Staff
		T4	8:55-10:10	MTuWThF	HEc 303	Staff
		5	10:20-11:35	MTuWThF	M 102A	Mr. Vander Wiel
		T6	10:20-11:35	MTuWThF	HEc 303	Staff
		T7	11:45-1:00	MTuWThF	M 102A	Staff
333-4	Community Organization	1	8:55-10:10	TuWThF	HEc 302	Mr. Rennie
340-4	The Family	1	8:55-10:10	MTuWTh	HEc 201	Miss Snyder
373-4	Juvenile Delinquency	1	7:30-8:45	TuWThF	HEc 102	Mr. Petroff
380-4	Introduction to Social Work	1	8:55-10:10	MTuWTh	HEc 102	Mr. Vander Wiel
426-4	Social Factors in Behavior and Personality	1	10:20-11:35	TuWThF	HEc 102	Mr. Campisi
591-2 to 6	Individual Research	1	To be arranged			Mr. Campisi
596-4	Readings in Sociology	1	To be arranged			Mrs. Snyder
599-2 to 9	Thesis	1	To be arranged			Staff

SPECIAL EDUCATION (SP E)

410-4	Problems of Mentally Retarded	1	7:30-8:45	MTuWTh	HEc 306	Mr. Frey
412-4	The Gifted Child (Workshop) (July 17-28)	1	8:00-3:00	MTuWThF	USch	Mr. Kolstoe
413-4	Directed Observation	1	8:55-10:10	MTuWTh	HEc 122	Mr. Frey
414-4	Exceptional Child	1	8:55-10:10	MTuWTh	HEc 306	Miss McKay
419-4 ¹	Communication Problems of the Deaf and Hard of Hearing	1	11:00-12:00	MTu ThF	Little Giant Camp	Staff
420-4	Methods and Materials for Teaching Exceptional Children	1	7:30-8:45	MTuWTh	USch	Mr. Rainey
428-4 ¹	Speech Correction for Classroom Teachers	1	8:55-10:10	MTu ThF	LS 205	Staff
501-4	Special Research Problems	1	To be arranged			Staff
513-4	Organization and Administration of Special Classes	1	8:55-10:10	MTuWTh	M 203	Mr. Kolstoe
577-4 to 12	Practicum	1	7:30-8:45	MTuWTh	USch	Miss McKay and Mr. Kolstoe
596-2 to 9	Independent Investigation	1	To be arranged			Staff
599-2 to 9	Thesis	1	To be arranged			Staff

¹ Cross-listed with Speech Correction

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
SPEECH (SPCH)						
101-4	Principles of Speech	1	7:30-8:45	MTu ThF	T-38 R 102	Staff
		2	8:55-10:10	MTu ThF	T-38 R 102	Staff
		3	10:20-11:35	MTuWTh	T-38 R 102	Staff
		4	11:45-1:00	MTu ThF	T-38 R 102	Staff
		5	1:10-2:25	MTu ThF	P 111	Staff
		6	7:30-8:45	MTuWTh	T-38 R 101	Staff
		7	8:55-10:10	MTu ThF	P 111	Staff
		8	10:20-11:35	MTuWTh	T-38 R 101	Staff
		T9	11:45-1:00	MTu ThF	T-38 R 103	Staff
		T10	1:10-2:25	MTuWTh	T-38 R 103	Staff
417-4	Contemporary Public Address	1	To be arranged			Mr. Bradley
427-4	The Forensic Program	1	To be arranged			Mr. Potter
500-4	Classical Rhetoric	1	To be arranged			Mr. Micken
508-4	Seminar: Studies in Discussion	1	To be arranged			Mr. Potter
530-1 to 4	Research Problems	1	To be arranged			Staff
532-4	Area and Techniques of Research	1	To be arranged			Mr. Bradley
599-2 to 9	Thesis	1	To be arranged			Staff
600-0 to 12	Dissertation	1	To be arranged			Staff
SPEECH CORRECTION (SP C)						
100-0 to 2	Speech Clinic	1	To be arranged		1020 S Lake	Staff
319-4	Stuttering	1	7:30-8:45	MTu ThF	1020 S Lake	Mr. Bruten
400-1 to 4	Independent Study in Speech Correction and Audiology	1	To be arranged		1020 S Lake	Mr. Koepp-Baker
405C-0 to 4	Practicum in Speech and Hearing Therapy	1	To be arranged		1020 S Lake	Mr. Gregory
406-4	Techniques and Interpretation of Hearing Tests	1	1:10-2:25	MTu ThF	1004 S Lake	Mr. Atkinson
412-4	Cerebral Palsy	1	2:35-3:50	MTu ThF	1020 S Lake	Mr. Gregory
414-4 ¹	Anatomy and Physiology of Speech and Hearing Mechanics	1	7:30-8:55	M W F	LS G-16	Mr. Kaplan
419-4 ²	Communication Problems of the Deaf and Hard of Hearing	1	11:00-12:00	MTu ThF	Little Giant Camp	Mr. Bruten
428-4 ²	Speech Correction for the Classroom Teacher	1	8:55-10:10	MTu ThF	LS 205	Mr. Hoshiko
515-1 to 4	Readings in Speech Pathology	1	To be arranged		1020 S Lake	Mr. Brackett
520-1 to 4	Seminar in Hearing	1	10:00-12:00	M Th	1004 S Lake	Mr. Atkinson
521-1 to 4	Seminar in Articulation and Delayed Speech	1	10:00-12:00	Tu F	1020 S Lake	Mr. Brackett
522-1 to 4	Seminar in Organic Speech Problems	1	1:00-3:00	M Th	1020 S Lake	Mr. Koepp-Baker
530-1 to 4	Research Problems in Speech Correction	1	To be arranged		1020 S Lake	Staff
534-1 to 4	Seminar in Instrumentation	1	1:00-3:00	Tu F	1004 S Lake	Mr. Hoshiko
599-1 to 4	Thesis	1	To be arranged		1020 S Lake	Staff
600-1 to 4	Dissertation	1	To be arranged		1020 S Lake	Staff

¹ Cross-listed with Physiology

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
THEATER (THEA)						
322-12	Theater Practicum	1	To be arranged		Play	Staff
519-12	Theater Practicum	1	To be arranged		Play	Staff
526-3	Seminar in Theater	1	1:10-2:25	MTu ThF	T-38 R 102	Mr. Abrams
530-1 to 4	Research Problems	1	To be arranged		Play	Staff
599-1 to 9	Thesis	1	To be arranged		Play	Staff
TRANSPORTATION INSTITUTE (T I)						
Students interested in this field should consult Mr. Alexander R. MacMillan, Director, Transportation Institute. Offices are located at 309 Harwood Avenue.						
ZOOLOGY (ZOO)						
100-5	Principles of Animal Biology	1	10:20-11:35	M W F	LS 133	Mr. Banks
100A-0	Zoology Laboratory	1	8:55-11:35	Tu Th	LS 132	Miss Stein
		2	8:55-11:35	Tu Th	LS 130	Miss Morin
		3	1:10-3:50	M W	LS 132	Miss Stein
		4	1:10-3:50	M W	LS 130	Mr. Klemm
322-2 to 5	Problems in Zoology	1	To be arranged			Staff
402-4	Natural History of Invertebrates (National Science Foundation)	1	2:35-3:50	M W	LS 205	Mr. Garoian
			1:10-3:50	Tu Th	LS 213	Mr. Garoian
		2	2:35-3:50	M W	LS 205	Mr. Garoian
			7:30-10:10	Tu Th	LS 208	Mrs. Stickle
403-4	Natural History of Vertebrates (National Science Foundation)	1	7:30-8:45	Tu Th	LS 205	Mr. Gersbacher
			7:30-10:10	M W	LS 204	Mr. Gersbacher
407-5	Parasitology	1	1:10-2:25	M W	LS 208	Mr. Garoian
			1:10-3:50	Tu ThF	LS 209	Mr. Garoian
501-4	Animal Biology for High School Teachers of Biology (National Science Foundation)	1	10:20-11:35	M W	LS 213	Mr. Stains
			8:55-11:35	Tu Th	LS 213	
502-2	Recent Developments in Biological Science (National Science Foundation)	1	1:10-2:35	W F	LS 205	Staff
579-4	Animal Behavior	1	8:55-10:10	Tu Th	LS 204	Mr. Banks
			7:30-10:10	M W	LS 213	Mr. Banks
580-4	Advanced Systematics	T1	10:20-11:35	MTuWTh	LS 205	Mr. Blackwelder
596-3 to 12	Special Research in Zoology	1	To be arranged			Staff
599-2 to 9	Master's Research and Thesis	1	To be arranged			Staff
600-3 to 12	Doctoral Research and Thesis	1	To be arranged			Staff
VOCATIONAL-TECHNICAL INSTITUTE (VTI)						
101A-5	Automotive Engines	1	7:30-11:35	MTuWThF	Bldg 2 Auto Shop	Mr. Willey
125A-5	Theory of Internal Combustion Engines	1	1:10-2:25	MTuWThF	Bldg 2 Auto Shop	Mr. Willey
101B-7	Accounting I	1	7:30-10:10	MTuWThF	C-3	Mr. Cundiff
104B-5	Secretarial Accounting	1	11:45-1:00	MTuWThF	C-14	Staff
202B-4	Cost Accounting I	1	1:10-2:25	MTuWThF	C-3	Mr. Cundiff
227B-5	Office Administration and Supervision	1	10:20-11:35	MTuWThF	C-5	Mr. Hill
229B-2	Record Keeping	1	8:55-10:10	MTuWThF	C-14	Mr. Vaughn
		2	1:10-2:25	MTuWThF	C-14	Mr. Vaughn

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
VOCATIONAL-TECHNICAL INSTITUTE (VTI) (Continued)						
104C-10	Cosmetology Laboratory IV	1	7:30-11:00	MTuWThF	C-1	Mrs. Cochran
		2	11:00-2:30	MTuWThF	C-1	Mrs. York
		3	2:30-6:00	MTuWThF	C-1	Wilson
146D-3	Architectural Rendering I	1	7:30-11:35	Tu Th	Annex	Mr. Lougeay
147D-3	Architectural Rendering II	1	7:30-11:35	Tu Th	Annex	Mr. Lougeay
148D-3	Architectural Rendering III	1	7:30-11:35	Tu Th	Annex	Mr. Lougeay
151D-3	Materials and Methods of Construction	1	1:10-3:50	Tu Th	T-7	Mr. Lougeay
175D-3	Technical Drafting I	1	1:10-2:25	MTuWThF	Apt Lab	Staff
176D-3	Technical Drafting II	1	1:10-2:25	MTuWThF	Apt Lab	Staff
177D-3	Technical Drafting III	1	1:10-2:25	MTuWThF	Apt Lab	Staff
201D-7	Machine Drafting and Design IV	1	7:30-11:35	MTuWThF	Apt Lab	Mr. Nagel
220D-6	Architectural Design II	1	7:30-1:00	M W F	T-7	Mr. Lougeay
225D-3	Machine Drafting and Design Theory IV	1	11:45-1:00	M W F	Apt Lab	Mr. Nagel
247D-4	Mechanics and Strength of Materials	1	1:10-2:25	M W F	T-6	Mr. Lougeay
100C-3	English Fundamentals	1	1:10-2:25	MTuWThF	C-8	Mrs. Morris
104C-5	Mathematics Fundamentals	1	2:35-3:50	MTuWThF	C-6	Staff
111C-4	Basic Physics I	1	1:10-2:25	MTuWTh	U-2	Mr. Collins
				Tu Th	U-1	
116G-4	Principles of Speech	1	10:20-11:35	MTuWTh	C-7	Staff
121G-5	Problems of American Democracy	1	1:10-2:25	MTuWThF	C-5	Miss Danielson
142G-4	Psychology of Human Relations	1	2:35-3:50	MTuWTh	C-7	Mr. McCarty
103J-7	Print Shop III	1	7:30-11:35	MTuWThF	Bldg 2 Print Lab	Mr. Brown
127J-3	Print Shop Theory III	1	1:10-2:25	M W F	Bldg 2 Print Lab	Mr. Brown
101K-3	Calculating Machines I	1	10:20-11:35	MTuWThF	C-9	Mr. Johnston
103K-3	Calculating Machines III	1	8:55-10:10	MTuWThF	C-9	Mr. Johnston
101M-7	Lathe and Bench Work Laboratory	1	7:30-11:35	MTuWThF	Bldg 1 Mach Lab	Staff
103M-7	Precision Measuring Laboratory	1	7:30-11:35	MTuWThF	Bldg 1 Mach Lab	Staff
125M-5	Lathe and Bench Work Theory	1	11:45-1:00	MTuWThF	Bldg 1 Clrm	Staff
127M-3	Precision Measurements	1	11:45-1:00	M W F	Bldg 1 Clrm	Mr. Muhich
175M-3	Machine Shop Practice I	1	11:45-1:00	MTuWThF	Bldg 1 Mach Lab	Mr. Muhich
201M-7	Milling Machine Laboratory	1	7:30-11:35	MTuWThF	Bldg 1 Mach Lab	Mr. Muhich
102P-3	Nursing Practice and Theory II	1	8:00-12:00	M	V-2	Mrs. Mitchell
			1:00-4:00	M W F	V-2	Mrs. Mitchell
			8:00-9:00	Tu Th	V-2	Mrs. Christensen
			11:00-12:00	Tu	V-2	Mrs. Christensen
			10:00-11:00	Tu	V-2	Mrs. Mitchell
			2:00-4:00	Tu Th	V-2	Mrs. Mitchell
			8:00-10:00	W F	Hospital	Mrs. Mitchell
103P-4	Clinical Theory and Practice I	1	10:00-12:00	Th	V-2	Mrs. Mitchell
			2:00-4:00	Tu Th	V-2	Mrs. Mitchell
105P-8	Clinical Theory and Practice III	1	To be arranged		Hospital	Mrs. Borgsmiller
			1:00-3:00	W F	V-4	Mrs. Borgsmiller
133P-1	Health II	1	9:00-10:00	Tu Th	V-2	Mrs. Mitchell
			11:00-12:00	Tu	V-2	Mrs. Christensen
201R-4 to 20	Co-operative Work Experience	1	To be arranged			Mr. Elder
		2	To be arranged			Mrs. Burnett
		3	To be arranged			Mr. Moore

Course No. & Hours	Title	Sec. No.	Time	Days	Building & Room	Instructor
VOCATIONAL-TECHNICAL INSTITUTE (VTI) (Continued)						
102S-3	Typewriting II	1	1:10-2:25	MTuWThF	C-4	Mr. Johnston
204S-5	Shorthand Dictation I	1	7:30-8:45	MTuWThF	C-15	Staff
206S-5	Shorthand Dictation II	1	1:10-2:25	MTuWThF	C-15	Staff
207S-2	Transcription I	1	8:55-10:10	MTuWThF	C-15	Staff
220S-2	Transcription II	1	2:35-3:50	MTuWThF	C-15	Staff
103T-7	Circuit Analysis I	1	7:30-11:35	MTuWThF	U-6	Mr. Schultz
127T-5	Principles of Analysis and Diagnosis I	1	1:00-2:25	MTuWThF	U-7	Mr. Schultz
201T-5	Circuit Analysis II	1	7:30-10:10	MTuWThF	U-8	Mr. Green
225T-5	Principles of Analysis and Diagnosis II	1	10:20-11:35	MTuWThF	U-7	Mr. Green
101W-7	Oxy-Acetylene Welding Shop	1	7:30-11:35	MTuWThF	Weld Shop	Mr. Dallman
125W-3	Oxy-Acetylene Welding Theory	1	1:10-2:35	M W F	Bldg 4 Clrm	Mr. Griswold
103Y-9	Complete Denture Construction	1	7:30-11:35	MTuWThF	Dental Lab	Mr. Joy
			1:10-3:50	MTuWThF	Dental Lab	Mr. Joy
128Y-2	Oral Anatomy	1	1:10-2:25	M W F	Dental Clrm	Mr. Webber



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