

1964

1964 Southern Illinois University Bulletin Carbondale Campus (Summer Quarter)

Southern Illinois University Carbondale

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

Recommended Citation

, . "1964 Southern Illinois University Bulletin Carbondale Campus (Summer Quarter)." (Jan 1964).

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

Southern Illinois University

Bulletin



Schedule of Classes

Summer

CARBONDALE CAMPUS

1964

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

Schedule of Classes

Summer Quarter, 1964

Carbondale Campus

June 15–August 29



SOUTHERN ILLINOIS UNIVERSITY BULLETIN
Volume 6 Number 5 April 20, 1964
Second-class postage paid at Carbondale, Illinois. Published
by Southern Illinois University, semimonthly except in
January, March, May, August, and December, when pub-
lished monthly.

The following issues of the *Southern Illinois University Bulletin* may be obtained without charge from Central Publications, Southern Illinois University, Carbondale, Illinois 62903.

General Information
General Studies and AF ROTC
Financial Assistance
Summer Session (Carbondale)
Summer Session (Edwardsville)
Schedule of Classes (Carbondale)
Schedule of Classes (Edwardsville)
Divisional Announcements (Edwardsville)
Graduate School
College of Education
College of Liberal Arts and Sciences
School of Agriculture
School of Business
School of Communications
School of Fine Arts
School of Home Economics
School of Technology
Division of Technical and Adult Education

All intending students should have the General Information bulletin (issued once a year), plus the special bulletins of the various educational units in which they are most interested.

Board of Trustees

	TERM EXPIRES
JOHN PAGE WHAM, <i>Chairman</i> , Centralia	1965
KENNETH L. DAVIS, <i>Vice-Chairman</i> , Harrisburg	1969
MELVIN C. LOCKARD, <i>Secretary</i> , Mattoon	1965
MARTIN VAN BROWN, Carbondale	1967
HAROLD R. FISCHER, Granite City	1969
ARNOLD H. MAREMONT, Winnetka	1967
LINDELL W. STURGIS, Metropolis	1965
RAY PAGE (<i>Ex-officio</i>), Springfield	
LOUISE MOREHOUSE, <i>Recorder</i>	

Officers of Instruction

DELYTE W. MORRIS, *President*

CHARLES D. TENNEY, *Vice-President for Instruction*

CARBONDALE CAMPUS

JOHN E. GRINNELL, *Vice-President for Operations*

WILLIAM J. MCKEEFERY, *Dean of Academic Affairs*

ROBERT A. MCGRATH, *Registrar and Director of Admissions*

JOHN W. VOIGT, *Executive Officer for General Studies*

RAYMOND H. DEY, *Director of Summer Session*

This Bulletin

covers in detail questions concerning the 1964 Summer Quarter of the Carbondale Campus. 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.

This issue supersedes Volume 5, Number 1.

Table of Contents

University Calendar	vi
Registration Calendar, Summer Quarter	vii
The Summer Quarter	viii
1 / GENERAL INFORMATION	1
Units of Instruction	1
Libraries	1
Health Service	2
Student Work Program	3
Motor Vehicles	3
Housing	3
Recreation	4
2 / ADMISSION AND REGISTRATION	7
Admission	7
Registration	8
Initiation of Summer Registration	9
Advisement and Sectioning	9
Fees	10
Course Changes and Withdrawals from the University	10
Class Periods	11
Academic Load	11
Requirements for a Bachelor's Degree	11
3 / SPECIAL INSTRUCTIONAL PROGRAMS	13
Credit Courses	13
Workshops and Short Courses	13
Summer Institutes for High School Teachers	24
Noncredit Courses	25
Adult Education Short Courses	25
Lectures and Conferences	26
Programs for High School Students	27
4 / MAP OF CARBONDALE CAMPUS	29
Alphabetical List of Buildings	29
Numerical List of Buildings	30
Map	32
5 / SCHEDULE OF CLASSES	34
Explanation of the Schedule	34
General Studies Courses	37
Departmental Courses	45
Vocational-Technical Institute Courses	82
Worksheet	87

University Calendar, 1964-1965

1964 SUMMER SESSION

Session Begins	Monday, June 15
Independence Day Holiday	Friday, July 3
Final Examinations (8-Week Session)	Wednesday–Thursday, August 5–6
Summer Commencement	Friday, August 7
Final Examinations (Summer Quarter)	Monday–Saturday, August 24–29

1964 FALL QUARTER

New Student Week	Sunday–Tuesday, September 20–22
Quarter Begins	Wednesday, September 23
Thanksgiving Vacation	Wednesday, 12 Noon–Monday, 8 A.M. November 25–30
Final Examinations	Monday–Saturday, December 14–19

1965 WINTER QUARTER

Quarter Begins	Monday, January 4
Final Examinations	Monday–Saturday, March 15–20

1965 SPRING QUARTER

Quarter Begins	Monday, March 29
Memorial Day Holiday	Monday, May 31
Final Examinations	Wednesday–Tuesday, June 9–15
Commencement (Carbondale)	Wednesday, June 16
Commencement (Edwardsville)	Thursday, June 17

Classes begin on the second day of the quarter, except that the evening classes (5:45 P.M. or later) on the Carbondale Campus begin on the first night of the quarter.

Registration Calendar, Summer, 1964

April 8–May 29	Advance registration period for students who were enrolled in the 1963 summer session or the 1964 spring quarter and for new and re-entry students who have cleared their admission status. <i>New students are to refer to pages 7–9 for additional information relative to steps they must take before they may be advised and register.</i> Students will receive fee statements by mail if registered by May 23. Students who register after May 23 must pay fees at the time of registration.
June 11–12	Additional advance registration for students who were not campus enrollees during the 1964 spring quarter.
June 5	Students will have their advance registration cancelled if fees are not paid at the Bursar's Office by 3:30 P.M., C.D.T., unless they have received approval for deferred payment.
June 15	Summer quarter begins. Last day of regular registration.
June 16	Classes begin except for certain workshop courses which may have begun their sessions on June 15. (See Schedule of Classes).
June 16–20	Late registration period. Late fee will be assessed. Students registering only for a special course which begins later than June 16 may register on the first meeting day of class without late fee payment.
June 20	Last registration day without dean's written approval.
June 26	Deadline for payment of fees by students whose fees were deferred.
June 27	Last day to withdraw from school to be eligible for a refund of fees.
June 29	Last day for refund application to be submitted to Registrar's Office for refund of fees.
July 3	Last day to withdraw from a course without receiving a grade for eight-week courses.
July 10	Last day to withdraw from a course without receiving a grade for regular quarter courses.
July 24	Last day for making a program change or withdrawing from school except under exceptional conditions for students registered for eight-week courses.
August 14	Last day for making a program change or withdrawing from school except under exceptional conditions for students registered for regular quarter courses.

The Summer Quarter

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

During the 1964 summer quarter, all courses numbered below 400 will be taught in the regular quarter pattern starting on June 15 and ending August 29. In addition, 400 and 500 level courses will also be so offered except those that have been approved to be offered on an eight-week pattern (June 15–August 7) in order to meet special needs. Also, a number of special workshops and short courses will run for shorter periods.

Students who know at the time the summer quarter opens that they must be absent for an extended period because of military duty or other reasons should receive approval for attendance from their academic deans or not plan to attend.

1 / General Information

PERSONS INTERESTED in securing complete general information about the University should write to Central Publications, Southern Illinois University, Carbondale, Illinois 62903, for the General Information issue of the *Southern Illinois University Bulletin*. This Schedule of Classes issue contains only those items which are of particular interest to the summer quarter.

The facilities at Carbondale now include more than twenty-six hundred acres of land, thirty-six permanent buildings, and numerous temporary buildings. The Little Grassy Lake camp and Southern Acres are each about ten miles from Carbondale.

UNITS OF INSTRUCTION

The General Information issue of the *Southern Illinois University Bulletin* furnishes a complete listing of the units of instruction and the programs offered by each for both the Carbondale Campus and the Edwardsville Campus. A copy of the General Information issue may be obtained free from Central Publications, Southern Illinois University, Carbondale, Illinois 62903.

LIBRARIES

Four subject libraries (Education, Humanities, Science, and Social Studies), an audio-visual department, and a textbook rental service are housed in Morris Library. There are also branch libraries in the University School, the Vocational-Technical Institute, and at the Little Grassy Lake camp.

Morris Library contains over 600,000 volumes plus a collection of 80,000 maps, 3,000 phonograph records, 3,500 titles of film and about 6,000 prints, and a curriculum collection of some 10,000 items. With the exception of rare books, the entire book collection is arranged in "open stacks."

Morris Library provides lounges for relaxed study and for reading current newspapers and periodicals. Graduate students have special study areas and

locker facilities. Group study areas are provided in each subject library. A browsing room, furnished informally, contains books of current interest in many fields. A listening room permits students to use the record collection. Preview rooms in the audio-visual department make possible individual and group viewing of films.

Facilities for use of microtext are also available. 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.

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, undergraduate 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 cost. Graduate students buy their books.

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, technicians, and a pharmacist 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.

Other services include the maintenance of immunization programs for polio, typhoid, diphtheria, tetanus, smallpox, and flu 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 and to provide work experience which relates, if possible, to the student's academic program. The Student Work Office generally finds it easier to place students who enter for the summer quarter, because there are many job-openings occurring at this time. Also, students may be authorized to work more hours during the summer than during any other quarter. 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.

MOTOR VEHICLES

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

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

HOUSING

In housing students, the University has assumed the responsibility for developing and operating facilities which provide excellent food service, comfortable and usable study and sleeping facilities, and adequate counseling and referral services. Further, Southern is experimenting with ways to fuse the experiences of living with those of the educational process.

Assignments to university residential facilities are made on a first-come, first-served basis. One exception to this rule is that a few spaces are reserved for some students from other countries and those 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 filing of an application for admission and the filing of an application for housing are two separate and distinct steps.

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 upon periodic evaluation of the related cost structure.

University Housing for Single Students

At Woody Hall and at the Thompson Point Residence Halls, the cost for room and twenty meals per week is \$240 for the summer quarter. Nonresidents may contract for board only for \$177. The student government collects \$3 for social events.

Each of the Group Housing units, located on the shores of Campus Lake, provides housing for approximately 50 men or women. The international house for women is also located in this area. The cost of room and board is \$240 for the summer quarter. Food service is provided at Lentz Hall.

Co-operative housing facilities for men, located ten miles east of Carbondale at Southern Acres, allow residents to provide their own meals and to do their own janitorial maintenance. Rent is \$50 for the summer quarter.

University Housing for Married Students

At Southern Hills, three types of furnished apartments are available: two bedroom, one bedroom, and efficiency. Rent varies from \$60 to \$75 per month, plus a service-utility charge of \$15 per month.

Some rooms in the Thompson Point Residence Halls may be offered for families during the summer. Rates for each adult are comparable to single student rates. Charges for children are reduced.

Off-Campus Housing

The University attempts to provide information concerning off-campus housing facilities. Lists of vacancies for single and married students are available in the Housing Office. Off-campus facilities listed by the Housing Office are classified as accepted and nonaccepted university housing. Those units which are accepted must meet minimum standards of sanitation, safety, and supervision established by the University. Among the listings of off-campus facilities in the Housing Office are those of organized houses which elect officers and carry on group activities. Signed contracts with householders are often required. It is suggested that renting by mail may not prove satisfactory.

Few off-campus housing units offer meals. However, meals may be obtained in the University Center cafeteria or restaurants off campus.

RECREATION

Carbondale is situated in a natural recreation area offering many summertime recreational opportunities. Approximately three miles south is the new Midland

Hills Semi-Private Golf Course. Ten miles south is Giant City State Park, a popular picnic resort with scenic beauty and a lodge with overnight accommodations.

Excellent swimming, boating, fishing, and picnic facilities are available at Crab Orchard Lake, Little Grassy Lake, Devil's Kitchen Lake, and Lake Murphysboro. All are within a fifteen-minute drive from Carbondale.

Located practically in the heart of the campus is the Lake-on-the-Campus. This facility is a recent development on the Carbondale Campus designed to provide recreational, social, and educational opportunities for students and faculty members. The facilities enable an individual to enjoy the natural beauty of the area and a momentary break from the demanding schedule of work and classes. The forty-acre lake provides swimming, boating, and fishing facilities and is surrounded by twenty-five acres of woods with picnic areas, two miles of lighted paths, and recreational games areas. The swimming area is chlorinated in order to provide the utmost safety to those using it. Many special activities are scheduled at the lake each summer, such as bike hikes, watermelon feasts, bonfires, song fests, musicals, weiner roasts, faculty-student picnics, canoe races, swimming races, fishing derbys. Since fishing is one of the most popular activities at the lake, it has been adequately stocked with large-mouth bass, bluegill, and sunfish. Twenty fishing piers have been constructed that extend into the lake to provide safe casting. Geodesic domes, designed by Professor R. Buckminster Fuller, shelter the five major picnic areas; in each area, tables, electrical outlets, wood supply, and waste containers are provided. Recreational equipment such as softballs, volleyballs, horseshoes, and fishing tackle is available for check-out free of charge to the students at the boatdocks. Boats, canoes, and bicycles are also available at a minimum charge. Many University departments use the area to supplement classroom work.

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 are provided by Audio-Visual Services. All of these programs provide suitable outlets for the students' recreational entertainment needs.

2 / Admission and Registration

ADMISSION

INQUIRIES CONCERNING ADMISSION to the Carbondale Campus should be directed to the Admissions Office. A student seeking admission as a degree student on the graduate level needs to have his application and a transcript from each institution previously attended forwarded to the Admissions Office by the last Saturday in March. Otherwise he will be admitted as an unclassified student for the summer. A student seeking admission on the undergraduate level should have all necessary papers filed with the Admissions Office no later than May 15 so that the necessary processing work may be completed.

Complete information relative to admission policy and procedure for undergraduate students will be found in the General Information issue of the *Southern Illinois University Bulletin*. Graduate students should refer to the Graduate School issue.

Admission items of specific application to the summer quarter and which will not be found in the General Information issue apply (1) to the undergraduate student attending another institution and who expects to graduate therefrom and who desires to attend Southern during the summer quarter only, (2) to a former student of Southern who plans to attend the summer quarter, and (3) to the high school senior who ranks in the lowest third (lower 60 percentiles for out-of-state students) of his graduating class who is permitted to enter (on scholastic probation) for the summer. In the first case the student will be admitted as an unclassified student on the basis of a letter of good standing from the registrar of the institution the student is attending. In the second case a former student who attended the 1963 summer session and was in good standing at the close of the session need not apply for re-entrance clearance prior to advisement and registration for the 1964 summer quarter. In the third case the student must have registered for a minimum of 9 quarter hours during the summer quarter, and he must have completed his summer course work with a C average or better in order to continue in attendance during the fall quarter. Otherwise, he must remain out of school until the 1965 winter quarter.

Social Security Identification Number

Effective with the 1964 summer quarter, a student seeking admission to the University will need to present a social security number for identification pur-

poses. Your local social security office will help you obtain a number, replace a lost card, or answer any social security question. At Carbondale, the social security office is at 1007 West Main Street.

Required Tests

Each entering freshman must furnish the University with scores on the test battery administered by the American College Testing Program (A.C.T.). These tests are given at regional centers throughout the United States in November, February, and April. Information and application blanks are normally available through the high school guidance director or principal, or may be obtained by writing directly to the American College Testing Program, Box 168, Iowa City, Iowa. Test results do not govern admission to the University except for those students who are in the lower ranks of their high school classes and are seeking admission for the fall quarter. They are used to help determine the correct course placement, awarding of scholarships, selection of honor students, and counseling. An entering freshman will not be permitted to advance register for the summer quarter until the University has received the test results for the student. These must come from the American College Testing Program, Iowa City, Iowa.

An out-of-state student who finds it impossible to take the A.C.T. tests may have scores from the College Entrance Examination Board (C.E.E.B.) submitted. The specific scores which must be submitted in this event are Scholastic Aptitude Test (S.A.T.), English Composition Test, and Mathematics (Intermediate) Test. To provide comparable test data, a student who submits C.E.E.B. test data will be asked to submit scores from the A.C.T. test no later than one month after registration.

A transfer student must furnish test scores to the Counseling and Testing Center. If the student has previously taken the A.C.T. tests, a transcript of these scores is available by sending one dollar and a written request to the American College Testing Program, Box 168, Iowa City, Iowa. If scores from similar tests are on file at the former school, a request should be made for their forwarding. (Such scores are not normally sent with a person's transcript of grades and must be requested separately from the appropriate office at the former school.) If no tests have been taken, the student should arrange to take the A.C.T. tests.

REGISTRATION

The Carbondale Campus uses a central advisement and an advance registration system. The advance registration period for the 1964 summer quarter is from April 8 through May 29 and on June 11 and 12. Summer 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 1963 summer session or the 1964 spring quarter should initiate the registration process by reporting to the Academic Advisement Center, in building T65.

A student who has taken work from Southern (Carbondale Campus) either in residence or through extension but who was not in residence during the 1963 summer session or the 1964 spring quarter must contact the Admissions Office for clearance prior to registration.

A new undergraduate student must contact the Admissions Office to be admitted. If the student is entering directly from high school he must also have completed the necessary tests before he will be permitted to advance register. If the student is entering the University from another institution of higher education he must wait to be advised and to advance register for a two-week period after admission. Such a student will not be able to come to the campus and be admitted and advised on the same day during the advance registration period. The reason for this is that it is necessary to have an evaluation of his previous work prepared prior to advisement. This restriction will not apply to those students admitted as unclassified students.

A student who is currently attending or last attended the University at the Edwardsville Campus and who plans to attend the Carbondale Campus during the 1964 summer needs to initiate his registration process by contacting the Admissions Office. At that time he needs to have either an official transcript of his Southern record or a letter explaining his academic status from the registrar at the Edwardsville Campus. The reason for his having to contact the Admissions Office is to permit the necessary student information coding to be done.

Graduate Students should follow the procedure outlined above, except that graduate students who attended the Carbondale Campus during the 1963 summer session or the 1964 spring quarter should initiate the registration process by reporting to the Graduate School office, 309 West Mill Street.

Advisement and Sectioning

Academic advisers are available by appointment throughout the advance registration period. Saturday mornings are reserved for students who were not on campus during the 1964 spring quarter.

Following advisement, registrations are processed at the Sectioning Center, on the second floor of the University Center. The Sectioning Center is open

from 8:00 A.M. to 5:00 P.M., Monday through Friday, April 8 through May 29. Registrations will also be processed until noon on Saturdays during this period and on June 11 and 12 for students who were not on campus during the 1964 spring quarter. On May 23, registrations will not be processed after 11:30 A.M.

Fees

As the 1964 summer program is to be offered on a regular quarter basis, fees will be assessed on the regular quarter fee schedule.

The University reserves the right to change fees and to have the change go into effect whenever the proper authorities so determine. Under the current fee schedule, Illinois undergraduate students taking more than 8 hours will pay the following regular fees:

Tuition	\$42.00
Book rental	5.00
Activity fee	9.50
Student union building fund fee	5.00
Total	<hr/> \$61.50

An Illinois undergraduate taking 8 or fewer hours will pay half tuition and book rental, will have an option of paying the activity fee, and will pay the full student union building fund fee. Once an option has been made by a student at the time of registration as to whether or not to pay the activity fee, such option is irrevocable. A part-time student, then, will pay either \$28.50 or \$38.00.

Out-of-state students will pay an additional tuition of \$50.00 if taking more than eight hours and an additional \$25.00 if taking eight hours or fewer.

Graduate students buy their textbooks and do not pay the book rental fee.

In addition to the above, students registering for the first time during the year for AF ROTC will be subject to a \$5.00 equipment deposit.

Students having special fee status, such as scholarship holders, faculty, and staff, will pay fees according to their particular status.

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 15. 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 Student Affairs Office. A student who officially withdraws on or before June 27 may obtain a full refund of fees provided his application for a refund is submitted to the Registrar's Office not later than June 28. Otherwise, no refund is permitted.

Class Periods

Class periods are fifty minutes in length with ten minutes allowed between consecutive periods, beginning at 8:00 A.M., C.D.T. Eight-week classes are seventy-five minutes long and start at 7:30 A.M.

Academic Load

Normal academic load for the summer quarter is 16 hours. Maximum load is 21 hours (14 for a student on probation). Minimum full-time load is 12 hours.

Requirements for a Bachelor's Degree

Anyone seeking a bachelor's degree at the Carbondale Campus is referred to pages 44-45 of the 1963-64 General Information bulletin, which may be obtained from Central Publications. Students who matriculated in the University prior to the 1962 summer session are to complete the old general degree requirements; others must satisfy the General Studies requirements.

3 / Special Instructional 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 8 through May 29 and on June 11 and 12. Students may also register on June 15. Students registering only for a special course which begins later than June 15 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" in chapter two of this bulletin.)

Workshops and Short Courses

Agricultural Industries

Advanced Farm Management (Agricultural Industries 450-4) June 22-July 17, 10:20-1:00, Monday through Friday. Methods of analyzing farm enterprises, comparing farm businesses, allocating farm resources, combinations of enterprises, and production factors. Field trips. Prerequisite: 350.

Seminar (Agricultural Industries 581-1) June 22-July 17. Students will work on a common problem in agricultural economics.

Animal Industries

The Range Livestock Industry (Animal Industries 486-4) June 15-July 10. Designed to acquaint advanced animal industries students with range

livestock operations, the course consists of full-time classroom review of beef cattle and sheep production followed by a two- to three-week field trip throughout the range area. Cost is shared by students. Prerequisites: 480 and 485.

Art

Pottery (Art 302-8) June 15-27. Methods and techniques for building with clay, throwing techniques, decorating and glazing methods and techniques, and firing techniques are covered. The nature and composition of clays and glazes, the chemical and physical changes which occur during firing, elementary chemistry of glazes and color, and the aesthetics of pottery are dealt with in theory.

For those students who have previous experience in ceramics, advanced theory and techniques are offered, including mould making, ceramic sculpture, mosaic and base relief construction, formulation of glazes from chemical formulas, making special clay bodies, and investigation of special problems.

Studio in Sculpture (Art 405-8) June 15-July 31. Studio workshop in wood and stone carving. Emphasis is on the techniques and aesthetics of direct carving. Consent of the instructor is required for registration.

Studio in Drawing (Art 441-2 to 6) Four weeks. For advanced students who wish to develop and deepen their ideas. Each student meets by appointment with the instructor. Problems are dealt with as they arise. Discussion then involves the student dialectically with the great forming notions of the masters, past and present.

Clothing and Textiles

Interior Design (Clothing and Textiles 432-3) June 15-26, Monday through Friday, 9:00-12:00 and 1:00-4:00. Advanced problems in interior decoration with emphasis on commercial interior design involving transportation systems, industrial buildings, and government buildings. Designed to aid leaders in the field with current problems. Discussion, reports, lectures, and other methods of analyzing and working on solutions to problems. Presentation by resource personnel. Prerequisites: 391c or consent of instructor.

Recent Developments in Clothing and Textiles (Clothing and Textiles 528-4) July 13-August 7, Monday, Tuesday, Thursday, and Friday, 8:55-11:35. Emphasis on the physical properties of the currently marketed fibers and fabrications. Interpretation of these to design and clothing construction. Prerequisites: 127, 135, or consent of instructor, Miss Rose Padgett.

Special Problems in Interior Design (Clothing and Textiles 572-3) June 29-July 10, Monday through Friday, 9:00-12:00 and 1:00-4:00. Empha-

sis on housing, furniture arrangement, color, and materials in the home, etc. For teaching majors at the graduate level.

Economics

Economic Education Workshop (Economics 490-4 or Secondary Education 490-4) August 10-21, Monday through Friday, 9:00-11:40 and 1:00-3:40. Detailed information appears under "Secondary Education" in this chapter.

Educational Administration and Supervision

Seminar in Comparative Education: Soviet Russia (Educational Administration and Supervision 502s-4) June 15-July 10, Monday through Thursday, 1:10-3:50. A study of Soviet education in historical, cultural, political, philosophical, and world perspective. Emphasis is on education in communist morality and the creation of the "New Soviet Man." The seminar also includes a sober consideration of the challenge to American education and of the issue of the study of communism in our schools. The instructor, Professor George S. Counts, reads and speaks Russian and is a foremost authority on Soviet education.

Elementary Education

Aero-Space Education Workshop (Elementary Education 402-4 or Secondary Education 402-4) August 10-21, Monday through Friday, 8:55-11:35 and 1:10-3:50. See "Secondary Education" for details.

Improvement of Instruction in Arithmetic (Elementary Education 415-4, Section 2) June 29-July 24, Monday through Friday, 1:10-3:50. Emphasis is 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. Students should bring with them the new state guide. The instructor is Dr. Cleo Carter.

Workshop in Creative Writing in the Elementary School (Elementary Education 430-3) June 15-26, Monday through Friday, 8:55-11:35 and 1:00-3:00. Teachers have the unusual opportunity to work with Mauree Applegate of La Crosse State College. Miss Applegate is the author of *Easy in English*, *Helping Children Write*, *Everybody's Business*, and others. She has directed numerous workshops helping teachers improve their children's writing.

Workshop in Kindergarten-Primary Education (Elementary Education 433-4) June 29-July 24, Monday through Friday, 8:55-11:35. For 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 are related to the school program. Library facilities and the facilities of the University School furnish background for discussion of current issues. Much time is devoted to group and individual observation in the University School. Dr. Rebecca Baker is the instructor. Staff of the University are available for discussion and consultation wherever needed.

Workshop in Elementary School Foreign Language Instruction (Elementary Education 435-4 or Foreign Language 435-4) June 15-July 10, Monday through Friday, 8:00-12:00. See "Foreign Languages" for description.

Workshop in Economic Education in the Elementary Schools (Elementary Education 490-2) August 3-7, Monday through Friday, 8:55-11:35 and 1:10-3:50. The workshop deals with the relating of the fundamental idea relationships of economic knowledge to the child's experience on all grade levels of the elementary school. Dr. Lawrence Senesh, Professor of Economics, Purdue University, is the director. He has been the director of the Elkhart, Indiana, Experiment in Economic Education. Significant curriculum materials have been developed in connection with the Elkhart, Indiana, schools.

Leadership in Elementary Education (Elementary Education 558-2) June 29-July 3, Monday through Friday, 8:55-11:35 and 1:10-3:50. The workshop provides the opportunity to study some of the newer developments in the organization and instruction of the elementary school. Problems considered are team-teaching, non-guided schools, grouping, and the impact of newer curriculum developments. Dr. Vernon Hicks, Chairman of the Department of Elementary Education at Michigan State University, is the instructor. Dr. Hicks, an alumnus of Southern, is author of *The Elementary Principal at Work and Elementary School Curriculum*.

Foreign Languages

Workshop in Elementary School Foreign Language Instruction (Elementary Education 435-4 or Foreign Language 435-4) June 15-July 10, Monday through Friday, 8:00-12:00. This course is open to seniors and to all those who plan to teach a foreign language at the elementary level. Special attention is given to the problems of teachers who are using television foreign-language programs. The morning periods alternate discussions of methods and materials with oral drill sections in French and Spanish. Students may observe children's classes in those languages each morning. The course also includes teaching films and lectures by visiting personnel. The course may be repeated for a total of eight hours.

Travel-Study Course in Mexico (Spanish 360-3) June 12-August 10. This course is offered in conjunction with the Summer Study Abroad Program of the Latin American Institute and consists of two and one-half weeks of travel and study in Mexico following residence at the University of The Americas in Mexico City where the group attends classes for six weeks. The two programs carry a maximum of twelve hours of credit (3 from Southern, and 9 from the University of The Americas).

Spanish 360 is open to all students who have completed Spanish courses at the second-year college level. Applications may be accepted from students who cannot qualify for Spanish 360, and if accepted they may register for Spanish classes beginning at the elementary level at the University of the Americas, but preference will be given those participants taking the complete program.

The fee for the combined Travel-Study and Summer Study Abroad programs is \$440 and includes transportation, lodging, and guide service, plus academic fees and two meals daily in Mexico City (but not elsewhere). A preliminary registration fee of \$50 is due not later than April 15, with the balance due not later than May 15. In addition, students in Spanish 360 pay the regular fees at Southern.

Enrollment is limited to eighteen, and applicants are accepted on a strict priority basis. The institute and the director of the study group jointly reserve the right to accept or reject applicants. Students may contact J. A. LaFontaine, Latin-American Institute.

For the first time this year, a non-language major group will be included in the program. Mr. Walter E. Craig of the Department of Printing and Photography will be in charge of the courses which will be primarily for advanced students, although he will also conduct a course to aid the registrants in general with their problems of preparing a photographic record of the experiences.

Geology

Field Geology (Geology 450-9) June 15-July 24, Monday through Friday, 8:00-12:00 and 1:00-5:00. All work is off-campus in the field in southeastern Missouri and southern Illinois. It is a field mapping course including problems in stratigraphy, structure, paleontology, physiography, and economic geology including a written geologic report.

Guidance

Placement Counselor Training Program for the Blind (Guidance 481-6, section 1) June 7-July 10. Sponsored by the Rehabilitation Institute in co-operation with the Federal Office of Vocational Rehabilitation, this course is designed primarily for those workers already employed in the field of rehabilitation of blind persons.

Particular emphasis is given to practicum assignments in demonstration, observation, job analysis, and variations of role-playing and/or sociodrama. The

third week of the course is devoted to field work in a metropolitan area observing a variety of occupations which can be done without sight.

Applications for admission and a traineeship stipend may be made through regional offices of the Federal Office of Vocational Rehabilitation, or sent directly to the Co-ordinator, Placement Counselor Training Program (Blind), Rehabilitation Institute.

Institute for Rehabilitation Personnel (Guidance 481-4, section 2) August 17-28. Sponsored by the Rehabilitation Institute, this course is designed primarily for those workers already employed in the broad field of rehabilitation. Emphasis is on 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, the Illinois Department of Mental Health, the Illinois Public Aid Commission, and the Illinois State Employment Service are co-operating with the University in conducting this institute. There are other state and private agencies participating in the program. Prominent speakers from Southern Illinois University, other universities, rehabilitation agencies, and state and federal offices participate.

Students are 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, Director, Rehabilitation Institute.

Health Education

Workshop in Health Education (Health Education 461-4 to 6, 462-4, 463-4) June 15-July 10, Monday through Friday, 1:10-4:30. The workshop is open to senior and graduate students and to others by consent of the workshop director.

The workshop provides the opportunity for work and participation in school health instruction, school health services, school health environment and administration. Lectures are given by Southern Illinois University staff members and outside specialists. Students take part in group workshop sessions, consider individual school health problems, participate in groups 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 13-August 6, Monday through Friday, 1:10-4:00. For pre-service and in-service

teachers of driver education and traffic safety. Workshop participants exchange ideas with staff and consultants.

Consultants from national and state agencies present lectures and demonstrations. There also is time for individual problems, group discussions, and opportunity for review of current philosophy and methods in the teaching of traffic safety education. Prerequisite: Health Education 312 and 323 or consent of workshop director.

Home and Family

Workshop on Problems of Teaching Family Life (Home and Family 407-2), July 13-24, Monday through Friday, 1:10-3:50. The major goal of this study is to define the unique problems of teaching family life and to investigate possible answers to these problems. Group discussion focuses on important topics such as the selection of textbooks, the use of visual aids, counseling, problems of public opinion, and personality characteristics of teachers. The director is Professor George R. Carpenter.

Advanced Home Management (Home and Family 550-4) June 29-July 24, each day except Wednesday, 8:55-11:35. This study of current research on time, money, energy, fatigue, decision-making, and organization and its application to home and family life should be of particular interest to those who work with families as teachers, extension or agency workers, or those who seek to understand and improve their own management. Professor Betty Jane Johnston is the instructor.

Industrial Education

New Developments in Technological Education (Industrial Education 560-2 or Secondary Education 560-2) four days each week, 10:20-11:35 and 1:10-2:25. 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 subject deals 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:

Section 1: New Approaches to Industrial Arts, June 16-25. Dr. Robert Swanson, Assistant Dean, School of Applied Science and Technology, Stout State College, Menomonie, Wis.

Section 2: Federal Legislation and Evolving Programs of Vocational Education, June 30-July 9. Dr. M. D. Mobley, Executive Secretary, American Vocational Association, Washington, D.C.

Section 3: Improvement of Instruction Through Modern Technological Devices, July 14–23. Dr. James Rokusek, Industrial Arts Teacher, Silver Springs, Maryland

Section 4: Adult Vocational Education, July 28–August 6. Dr. Walter Brown, Director of Vocational-Technical Education, Phoenix, Arizona.

Instructional Materials

Preparation of Teacher-Made Audio-Visual Materials (Instructional Materials 445–4) June 15–July 10, 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. It demonstrates how these instructional aids can be produced with a minimum of materials and time.

Classroom Teaching with Television (Instructional Materials 450–2) August 10–14, Monday through Friday, 8:55–11:35 and 1:10–3:50. Emphasis is on the changed role of the classroom teacher who uses television. Evaluation of programming, technicalities of ETV, and definition of responsibilities are included. Demonstration and a tour of production facilities are provided.

Journalism

High School Journalism Clinic (Journalism 420–2 to 4) July 13–25. The two-week clinic is designed for newspaper advisers, yearbook advisers, or journalism teachers from high schools and junior colleges. Teachers may concentrate in either newspaper or yearbook sequences and work directly with high school students attending the month-long High School Communications Workshop (journalism section). A fully experienced school adviser assists with instruction along with Department of Journalism staff members.

Summer Workshop in News Analysis in the Classroom (Journalism 499–3) July 27–August 5, Monday through Friday, 9:00–11:45 and 1:00–3:50, evenings optional. Study of the newspaper as a teaching aid in the junior and senior high school and upper elementary grades with emphasis upon methods of helping the student to learn to employ the journalistic media in achieving social and economic adjustment.

Professional newsmen explain the procedures of gathering news from international, national, regional, and local sources, the editing processes, and the various roles of the newspaper. There is also a study of current public issues as a means of providing background information required for critical reading of news reports. Demonstrations and displays illustrate the work of successful teachers working in this area. The workshop staff includes a large number of working newspapermen and members of the University faculty.

Music

Opera Workshop (Music 346 or 568-2 to 8, *Section 1*) June 15–August 7, Monday through Friday. The Department of Music is offering its ninth Annual Summer Musical Theater under the direction of William Taylor. The workshop extends for eight weeks beginning June 15 and may be elected for 2, 4, 6, or 8 hours of credit with consent of the instructor. In past summers such large-scale works as *Oklahoma*, *Finian's Rainbow*, *Most Happy Fella*, *Carousel*, *South Pacific*, and *Music Man* have been presented. Members of the workshop are on call for rehearsals nightly from 7:00 to 10:00. Special workshop projects are planned for afternoon sessions on call daily from 2:30 to 4:30. The workshop is 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.

Opera Workshop (Music 346 or 568-2 to 8, *Section 2*) June 15–July 24. After operating successfully for three summers, opera workshop is to be offered at Hot Springs, Arkansas, under the direction of Marjorie Lawrence. Housing is available at a minimum rate at the Hot Springs ranch (for a limited number of students) and in the city. Normal enrollment procedure should be followed. Consult the chairman of the Department of Music for details.

This workshop offers an intensive program of vocal training and operatic coaching for those musicians primarily interested in the oratorio and operatic phases of musical experience. Supplementary work in music literature and theory is offered. Several performances of outstanding oratorio and operatic excerpts are given in Hot Springs and surrounding communities, culminating in a final concert at the end of the workshop.

Seminar in Choral Materials and Techniques (Music 553-3) July 6–17, Monday through Friday, 9:00–12:00. An intensive survey of effective choral literature combined with rehearsal techniques designed to improve the singing technique, diction, intonation, tone quality, balance, blend, phrasing. Emphasis is on securing optimum performance by means of conducting techniques.

Seminar in Instrumental Materials and Techniques (Music 554-3) July 6–17, Monday through Friday, 1:00–4:00. An intensive evaluation of materials suitable for the beginning and advanced instrumental groups in the schools; a discussion and demonstration of effective techniques for improved performance. This workshop is conducted by a team of experienced teachers representing each of the instrumental areas: strings, woodwinds, brass, and percussion.

Plant Industries

Fertilizers and Soil Fertility (Plant Industries 407A-3) June 22-July 17, 7:30-10:10, Monday, Wednesday, Friday. The uses of fertilizer materials; effects of various fertilizers on soils and crops; fertility maintenance and soil management.

Recreation and Outdoor Education

Playground Leadership (Recreation and Outdoor Education 312-2, Section 1) June 10-13. The Annual Playground Leadership Training Institute, now known at the Playleaders Summer Institute, will be held at the Little Grassy Lake camp. Registration is between 1:00 and 4:00 P.M. on June 10th with the program starting at 7:00 that evening. The institute officially closes at noon, June 13th.

Recreational, educational, and social activities are scheduled all through the several days of the institute. Classes or activities, for the most part, begin at 9:00 A.M. and continue through the day until 11:00 P.M. on June 11 and 12. Each registrant receives a complete program of scheduled activities as well as a list of non-scheduled recreational opportunities.

This institute is primarily a workshop for learning or improving upon basic recreation skills, play leadership methods and techniques, and the understanding and practice of group dynamics. The course may be taken either for credit or non-credit. For further details, call or visit the Department of Recreation and Outdoor Education.

Secondary Education

Aero-Space Education Workshop (Secondary Education 402-4 or Elementary Education 402-4) August 10-21, 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 is made to study well the social implications for present day society. Some of the most elementary questions in the scientific background of this period are 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 presenting this workshop.

The course points out the numerous available source materials and resource individuals that should be known by elementary and secondary school teachers. Some optional field trips may be taken. Please direct inquiries to Dr. Clarence D. Samford, Department of Secondary Education.

Economic Education Workshop (Secondary Education 490-4 or Economics 490-4) August 10-21, Monday through Friday, 9:00-11:40 and 1:00-3:40. Dr. Thomas Martinsek of the Department of Economics is co-ordinator.

The plan is to have lectures dealing with common economic problems presented daily by outside resource people. The remainder of each day is 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 may be accepted from a school system. Please direct inquiries to Dr. Clarence D. Samford, Department of Secondary Education.

Southern Illinois University-Oxford Study Program

This program, which runs from June 17 through August 27, includes a two-week tour of Scotland and England, four weeks of lecture and tutorial at St. Catherine's College, Oxford University, and a four-week tour of continental Europe. Students desiring undergraduate credit may register for GSC 318-3 and 320-3. Students desiring graduate credit in government, history, or sociology should consult the appropriate department relative to the courses for which they are to register. Dr. James Benziger, Department of English, and Dr. Douglas Rennie, Department of Sociology, are co-directors of the program. Positions will be taken early, but any interested person may contact either co-director relative to last minute vacancies.

Special Education

The Gifted Child (Special Education 418-4, Section 1) June 29-July 24, Monday through Friday, 8:00-3:00. A workshop for teachers of gifted children. A demonstration class is observed each morning while the afternoon session centers on identification, organization, and procedures. During the second two weeks, active participation in a student teaching situation will be a part of the experience. Since this is co-sponsored by the Illinois Department of Public Instruction, stipends are available. Interested students should write to the Department of Special Education for information on the stipends.

Theater

Practicum in Theater (Theater 322-12 or 519-12). The Southern Players Summer Stock Company, sponsored by the Department of Theater, produces five full-length plays: *The Mousetrap* by Agatha Christie; *Look Back in Anger* by John Osborne; *The Millionairess* by George Bernard Shaw; *The Fantasticks* by Tom Jones and Harvey Schmidt; and *Night of the Iguana* by Tennessee Williams.

Students accepted for the company cannot be registered for any other courses. Rehearsals, construction and painting of scenery, etc., occupy mornings and

afternoons every day, and performances take place in the evenings. Applications and two letters of recommendation should be addressed to Dr. Jim Bob Stephenson, 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. The participants are 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 some 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, from June 15 through August 7.

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.

Courses are in anthropology, botany, microbiology, and zoology. Visiting lecturers participate in a special required course dealing with recent developments in biological sciences. (See the Schedule of Classes for specific courses.) Credit for some of the courses may be applied toward a master's degree. Applications for stipends must be postmarked by February 15, 1964.

German

NDEA German Summer Institute for Teachers of German (German 544-9 or Secondary Education 544-9) June 22-August 7, Monday through Friday, 7:40-12:25, 2:00-5:05. Offered in co-operation with the U.S. Office of Education under the Language Development Program of the National Defense Education Act, this institute provides opportunities for high school teachers to increase their audio-lingual proficiency and to become better acquainted with the latest techniques and materials of instruction. Emphasis is on aural comprehension, speaking, writing; training in applied linguistics; proper use of the language laboratory; and a study and understanding of Germanic cultures.

Application forms should be postmarked no later than March 1, 1964. For additional information, consult Dr. Helmut Liedloff, NDEA Summer German Institute.

Mathematics

A Summer Institute for High School Teachers of Mathematics (Grades 7–12), sponsored by the National Science Foundation, June 14–August 7. The purpose of the institute is to improve the teaching of high school mathematics by improving the mathematical competence of teachers.

Stipends will be provided for the participants by the National Science Foundation, and the University will provide tuition scholarships. Some students not receiving stipends are permitted to enroll. For details on courses, see the listing under Mathematics in the Schedule of Classes. Applications for stipends must be submitted no later than February 15, 1964. Additional information may be obtained from the director of the institute, Dr. W. C. McDaniel, Department of Mathematics.

NONCREDIT COURSES

Adult Education Short Courses

Various noncredit adult education courses are offered by the Division of Technical and Adult Education. Some are described below. Adult Education also offers courses which meet one night each week for eight weeks, in business, portrait painting, machine drafting and design, and home building ideas. For details, or inquiry about courses not listed, write to Adult Education, Southern Illinois University.

School Lunch, June 15–19. Mornings are given over to quantity food products, and the afternoon sessions deal with evaluations, sanitation, using the school lunch room for emergency seating, and working with people. The sessions are 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 assist with the food preparation, and all meals are 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: \$5.50, plus \$2.00 for supplies. Housing is extra.

School of Advanced Cosmetology, July 26–August 8. This 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 of chemistry of cosmetics, physics of hair, contest work in hairstyling, make-up, salon management, time and motion study, advertising, art, and color design; all to produce higher profits. Housing and food services are available.

Youth World, August 9–14. Outstanding students selected by civic and professional organizations attend this course, to learn by participation the elements of parliamentary procedure and the application of democratic processes. It is offered jointly with the University's Local Government Center. Total fee includes tuition, instructional supplies, housing, meals, and banquet.

Illinois Bankers School, August 31–September 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, economics, speech, and accounting.

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. A partial list of those available this summer is provided below.

Educational Materials Exhibit, June 29–July 1. One of the outstanding exhibits of educational materials held in the midwest. Representatives of approximately one hundred publishers and distributors of educational materials are available to explain their products. For further information contact Dr. Benson B. Poirier, Division of University Extension.

Summer Education Conference, July 1. 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. Additional information can be obtained from Dr. Clarence Samford, Department of Secondary Education.

International Conference of Weekly Newspaper Editors, July 12–17. This workshop on weekly newspaper editorial policies features an outstanding faculty. For further information contact Dr. Howard Long, Department of Journalism.

Annual Coaching Clinic, August 5, 6. 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 Vaughan, Intercollegiate Athletics.

Reading Improvement Workshop, June 16–August 6. This course is designed to help college-bound students improve their ability to read college-level texts and other materials. Instruction is based upon materials in actual textbooks used in the University's first-year courses as well as selected newspapers and periodicals. Additional information may be secured from Dr. Robert Karlin, Reading Center.

Programs for High School Students

Music and Youth at Southern

The Department of Music, in co-operation with the Division of University Extension and the Area Services Division, is offering a program for pre-college students, July 5–25. Outstanding leaders in music education rehearse the three main performing organizations: band, chorus, and orchestra. An intensive schedule, including sectional rehearsals and private lessons, together with introductory listening courses in music literature is provided. Musicians of high school age (including recent eighth grade graduates) are eligible to participate. Recreational activities are centered around campus facilities, especially the University Center. Final public programs by the performing organizations are scheduled for the end of the session.

National Science Foundation Programs

Courses designed for high-ability students ranking in the upper quarter of their high school classes and for students having special ability in science courses are offered in units consisting of any two of the following fields of the student's choice: animal taxonomy, engineering science, chemistry, experimental psychology, mathematics and computers, and animal physiology. Each student attends daily morning lectures (June 15–August 8) and, in addition, spends his afternoons conducting research problems under supervision in the course he designates as his field of major interest.

There is no tuition fee; and board, room, and travel are awarded in full or on the basis of need to the selected participants. Any high school student who will be a junior or senior in the spring of 1964 may apply. (Sophomores of exceptional ability will be considered only on a very limited basis.) Applications may be obtained from your high school or by writing to Dr. Howard J. Stains, Department of Zoology.

Summer High School Workshops in Communications

Workshops in journalism, debate, theater, photography, and radio-television are open to superior high school students who are currently in their sophomore or junior year. The workshops run, concurrently, for a period of four weeks

beginning July 5. High school students live in University-supervised residence halls. 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 learn how to produce better school newspapers and yearbooks. Students 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 are also given writing assignments for the *Daily Egyptian*, Southern's student newspaper.

The *debate* students study and prepare cases in the general 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 *theater* workshop consists of work in (1) acting and production with emphasis on training the individual through the use of monologues, excerpts from plays, and other presentational activities, and (2) technical theater and staging.

The *photography* workshop provides experience in taking, developing, printing, and editing pictures for publication. Students also make a short motion picture film.

The *radio-television* workshop provides experiences in announcing, programming, writing, and producing radio shows. Also some experience is offered in television production. Students in this workshop use the University's radio-television facilities.

Total fee for room and board and registration fee is \$110.

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

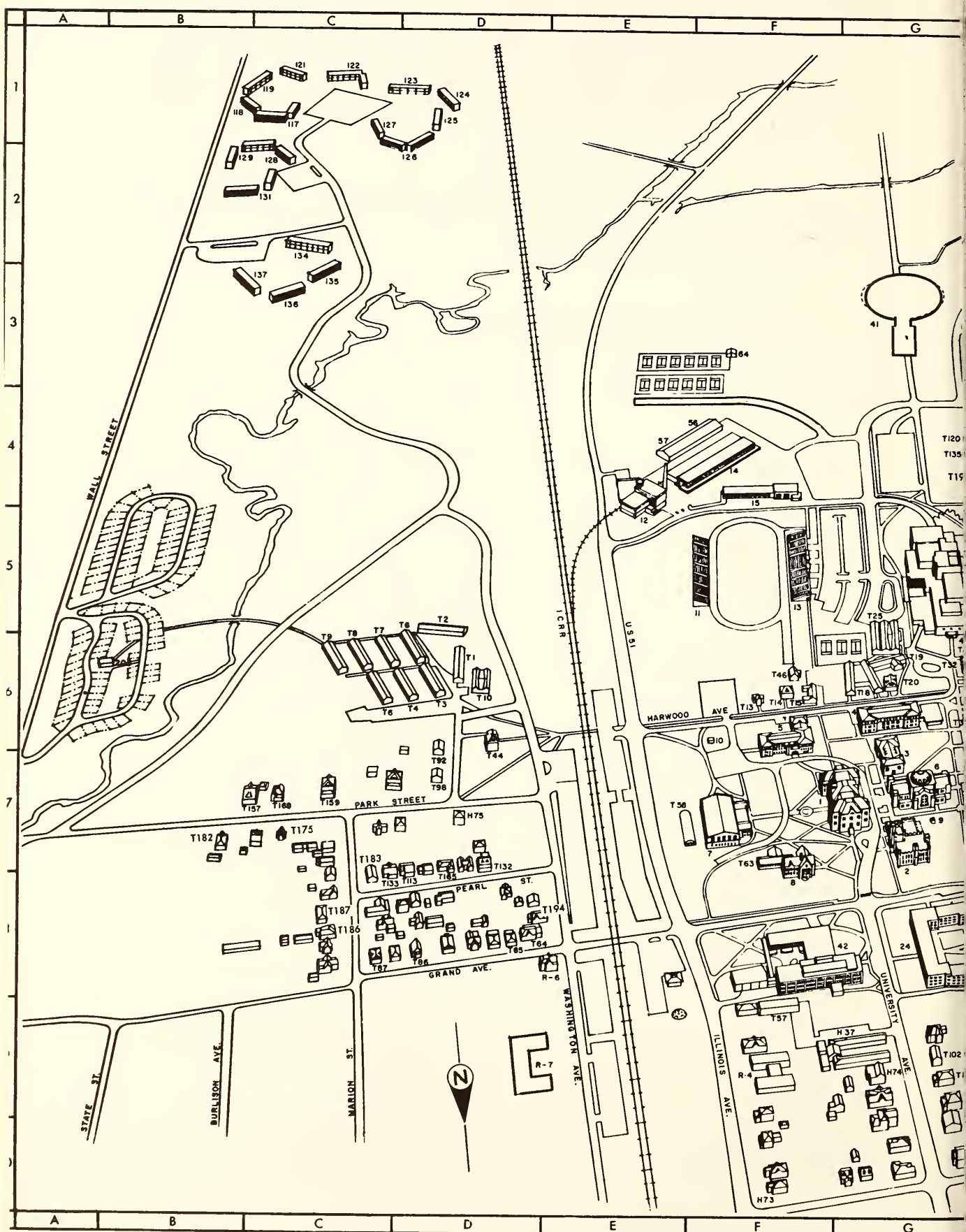
For further information write to Dr. Marion Kleinau, Summer School High School Workshop Co-ordinator, Department of Speech.

4 / Map of Carbondale Campus

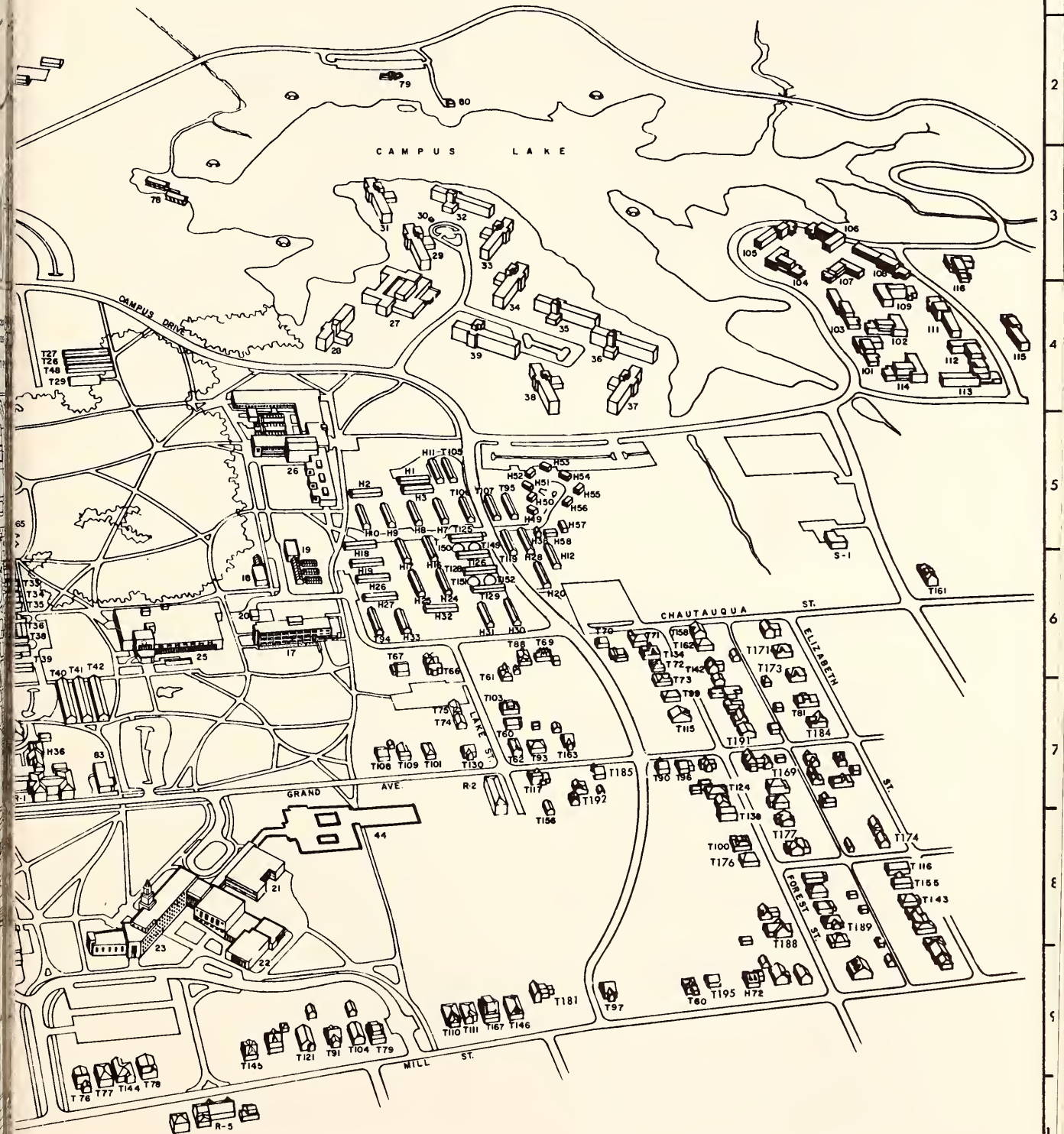
THIS MAP has been prepared primarily to help students find classrooms, offices, and housing.

ALPHABETICAL LIST OF BUILDINGS

38	Abbott Hall (K-4)	T141	Educational Television Research (K-7)
T32	Accounting, Department of (G-6)	T40	Education Classrooms (H-5, 6)
T78	Adult Education (H, I-10)	T41	Education Classrooms (H-5, 6)
T65	Advisement Center (H-5)	44	Education, College of (Proposed) (J-8)
T63	AFROTC Supply (F-7)	20	Electric Sub-station No. 9 (I-6)
26	Agriculture Building (I-5)	T91	English, Department of (J-9)
3	Allyn Building (G-6)	T102	English, Department of (G-9)
104	Alpha Gamma Delta (L-4)	T136	English, Department of (G-9)
2	Altgeld Hall (G-7)	T196	English, Department of (I-9)
T14	Alumni Service (F-6)	R5	Episcopal Foundation (I-10)
T96	American Board Examiners, Psychology (L-7)	5	Extension Service (F-6)
18	Animal Building (I-6)	T135	Faculty Club (G-4)
5	Anthony Hall (F-6)	117-137	Family Housing (B, C, D-1, 2, 3)
42	Anthropology, Department of (F, G-8)	T29	Farm Quonset Machine Shop (H-4)
57	Applied Science Laboratory (E-4)	34	Felts Hall (K-4)
T87	Area Psychological Service (C-8)	T115	Film Production Units (L-7)
5	Area Services (F-6)	T157	General Improvements (B, C-7)
T159	Art Annex No. 1 (C-7)	T173	Geography Annex 1 (M-7)
T182	Art Annex No. 2 (B-7)	T171	Geography Annex 2 (M-7)
T116	Asian Studies (M-8)	T105	Geography; Climatology Laboratory (J-5)
T35	Auditor (H-6)	T107	Geology (K-5)
28	Bailey Hall (J-4)	T119	Geology (K-6)
39	Baldwin Hall (K-4)	T137	Government, Department of (H-10)
R1	Baptist Foundation (H-7)	T77	Graduate School, Dean of (H-10)
R2	Baptist Foundation (J-7)	19	Greenhouses (I-6)
79	Beach House (J-2)	101-116	Group Housing (L, M, N-3, 4)
T94	Botany and Zoology (J-6)	T74	Guidance, Department of (J-7)
T176	Botany Research (L-8)	7	Gymnasium (F-7)
31	Bowyer Hall (J-3)	T85	Health Education and Safety (D-8)
33	Brown Hall (K-3)	T138	Health Education, Department of (L-8)
T34	Bursar (H-6)	T44	Health Service (D-6, 7)
T33	Business Manager (H-6)	T98	Health Service (D-7)
T32	Business, School of (G-6)	T144	Higher Education, Department of (H-10)
T145	Business, School of (Dean) (I-9)	42	Home Economics Building Group (F, G-8)
T106	Cartographic Office (J-5)	T18	Housing Office (G-6)
T167	Center for Study of Crime, Delinquency, and Corrections (K-9)	T57	Illinois Avenue Residence Hall (F-9)
T66	Central Clinical Services (J-6)	T27	Industrial Education, Classroom (H-4)
T39	Central Mailing (H-6)	T26	Industrial Education Offices, Classrooms, and Drafting Room (H-4)
T86	Central Publications (D-8)	T25	Industrial Education Shops (G-5)
T99	Central Research Shop (L-7)	21	Industrial Education Wing, University School (I-8)
80	Chlorination Pump House (J-2)	T73	Industrial Psychology Annex 4 (L-7)
R3	Christian Foundation (E, F-8)	5	Information Service (F-6)
T85	Civil Defense (D-8)	T169	Instructional Materials Classroom (L-7)
T105	Climatology Laboratory (J-5)	T163	Janitorial Services (K-7)
5	Community Development Institute (F-6)	T48	Journalism, Egyptian (H-4)
5	Community Development Services (F-6)	T185	Journalism Annex (K-7)
T101	Cooperative Wildlife Research (J-7)	35	Kellogg Hall (K-4)
T100	Coordinator of Research (L-8)	T124	Labor Institute (L-7)
T39	Data Processing and Computing Center (H-6)	T92	Latin American Institute (D-7)
101	Delta Chi (M-4)	56	Laundry (E-4)
103	Delta Zeta (M-4)	27	Lentz Hall (J-4)
T125	Design (J-5)	17	Life Science Building (I-6)
T126	Design (J, K-6)	13	McAndrew Stadium (F-5)
T128	Design (J-6)	T29	Machine Shop, Farm Quonset (H-4)
T129	Design (K-6)	T146	Management (K-9)
T149	Design Shop A (K-6)	T109	Marketing (J-7)
T150	Design Shop B (J-6)	T110	Mathematics (J-9)
T151	Design Shop C (J-6)	T111	Mathematics (J-9)
T152	Design Shop D (K-6)	H32	Men's Physical Education Research (J-6)
T155	Dewey Editorship (M-8)	T2-T9	Men's Residence Halls (C, D-6)
T162	Economics Annex (L-6)	R4	Methodist Foundation (F-9)
T31	Economics, Department of (G-6)	T106	Mississippi Valley Investigation (J-5)
T42	Education Administration (H-5, 6)	25	Morris Library (I-6)



Carbondale Campus



ALPHABETICAL LIST OF BUILDINGS (Continued)

- R6 Newman Foundation (D, E-8)
 R7 Newman Foundation (Proposed) (D, E-9)
 T95 Nursery and Psychology (K-5)
 1 Old Main (F-7)
 4 Parkinson Laboratory (G-6)
 T13 Personnel Office (F-6)
 T13 Phi Sigma Kappa (M, N-4)
 T132 Photographic Service (D-7)
 T27 Photography Classroom (H-4)
 41 Physical Education and Military Training Building (Proposed) (G-3)
 T76 Physical Education (H-10)
 T58 Physical Education Quonset (E-7)
 22 Physical Education Wing, University School (I-9)
 29 Pierce Hall (J-3)
 T162 Pine Hills Station
 5 Placement Service (F-6)
 T120 Plan "A" House (G-4)
 12 Power Plant (E-5)
 T45 President's Office (H-7)
 T142 Psychology (L-6)
 T68 Psychology, Department of, Annex 1 (K-6)
 T70 Psychology, Department of, Annex 2 (K-6)
 T71 Psychology, Department of, Annex 3 (L-6)
 T69 Psychology, Main Office (K-6)
 T60 Psychology Perception Laboratory (K-7)
 10 Pump House (F-6)
 30 Pump House No. 2 (J-3)
 T33 Purchasing and Accounting (H-6)
 T37 Radio Studio (G-6)
 T108 Reading Center (J-7)
 T1 Recreation and Apartment (D-6)
 T84 Recreation and Outdoor Education, Department of (D-8)
 T35 Registrar (H-6)
 T62 Rehabilitation Counselor Training (K-7)
 T103 Rehabilitation Institute (K-7)
 T93 Rehabilitation Institute Administrative Offices (K-7)
 T90 Rehabilitation Perception Research (L-7)
 35-39 Residence Halls (J, K-4)
 T108 Secondary Education (J-7)
 T32 Secretary of Faculty (G-6)
 T65 Sectioning Center (H-5)
 T18 Security Officer (G-6)
 14 Service Building No. 1 (F-4)
 15 Service Building No. 2 (F-4)
 78 Shelter and Boat Dock (H, I-3)
 6 Shryack Auditorium (G-7)
 102 Sigma Kappa (M-4)
 105 Sigma Pi (L-3)
 107 Sigma Sigma Sigma (M-4)
 T80 Small Business Institute (L-9)
 37 Smith Hall (K-4)
 T79 Sociology (J-9)
 T104 Sociology (J-9)
 T121 Sociology (I-9)
 T36 Southern Playhouse (H-6)
 T75 Special Education, Department of (J-7)
 T38 Speech, Department of and Classrooms (H-6)
 T61 Speech and Hearing Clinic (K-7)
 T156 Speech Correction, Department of (K-8)
 51 State of Illinois Public Health Laboratory (M-6)
 32 Steagall Hall (J-3)
 11 Steel Bleachers (F-5)
 T39 Stenographic Service (H-6)
 9 Storage (G-7)
 T10 Storage Building (D-6)
 T19 Student Affairs Office (G-6)
 T15 Student Employment (F-6)
 106 Tau Kappa Epsilon (M-3)
 T78 Technical and Adult Education, Division of (H, I-10)
 T191 Technology, School of (Dean) (L-7)
 84 Tennis Courts (F-3)
 T18 Testing Center (G-6)
 114 Theta Xi (M-4)
 205 Trailer Court Service Building (B-6)
 T113 Transportation Institute (D-8)
 T192 Typography Laboratory (K-7)
 T158 University Architect Construction Division (L-6)
 45 University Center (G-6)
 H1-H76 University Housing (F-9, F-10, G-5, G-9, J-5, J-6, K-5, K-6)
 T117 University Press (K-7)
 23 University School (I-9)
 83 Vice President, Office of (H-7)
 T161 Virology Research Laboratory (M-6)
 36 Warren Hall (K-4)
 8 Wheeler Hall (F-8)
 T67 Wildlife Research Laboratory (J-6)
 24 Woody Hall (G-8)
 T175 Women's Physical Education Annex (C-7)
 T72 Zoology (L-6)

NUMERICAL LIST OF BUILDINGS

- 1 Old Main (F-7)
 2 Altgeld Hall (G-7)
 3 Allyn Building (G-6)
 4 Parkinson Laboratory (G-6)
 5 Anthony Hall, Area Services; Community Development Institute; Community Development Services; Extension Service; Information Service; Placement Service
 6 Shryack Auditorium (G-7)
 7 Gymnasium (F-7)
 8 Wheeler Hall (F-8)
 9 Storage (G-7)
 10 Pump House (F-6)
 11 Steel Bleachers (F-5)
 12 Power Plant (E-5)
 13 McAndrew Stadium (F-5)
 14 Service Building No. 1 (F-4)
 15 Service Building No. 2 (F-4)
 17 Life Science Building (I-6)
 18 Animal Building (I-6)
 19 Greenhouses (I-6)
 20 Electric Sub-Station No. 9 (I-6)
 21 Industrial Education Wing, University School (I-8)
 22 Physical Education Wing, University School (I-9)
 23 University School (I-9)
 24 Woody Hall (G-8)
 25 Morris Library (I-6)
 26 Agriculture Building (I-5)
 27 Lentz Hall (J-4)
 28 Bailey Hall (J-4)
 29 Pierce Hall (J-3)
 30 Pump House No. 2 (J-3)
 31 Bowyer Hall (J-3)
 32 Steagall Hall (J-3)
 33 Brown Hall (K-3)
 34 Felts Hall (K-4)
 35 Kelllogg Hall (K-4)
 36 Warren Hall (K-4)
 37 Smith Hall (K-4)
 38 Abbott Hall (K-4)
 39 Baldwin Hall (K-4)
 41 Physical Education and Military Training Building (Proposed) (G-3)
 42 Home Economics Building Group, Department of Anthropology (F, G-8)
 44 College of Education (Proposed) (J-8)
 45 University Center (G-6)
 56 Laundry (E-4)
 57 Applied Science Laboratory (E-4)
 78 Shelter and Boat Dock (H, I-3)
 79 Beach House (J-2)
 80 Chlorination Pump House (J-2)
 83 Office of the Vice President (H-7)
 84 Tennis Courts (F-3)
 101 Delta Chi (M-4)
 102 Sigma Kappa (M-4)
 103 Delta Zeta (M-4)
 104 Alpha Gamma Delta (L-4)
 105 Sigma Pi (L-3)
 106 Tau Kappa Epsilon (M-3)
 107 Sigma Sigma Sigma (M-4)
 108-112 Group Housing (M-3, 4)
 113 Phi Sigma Kappa (M, N-4)
 114 Theta Xi (M-4)
 115-116 Group Housing (N-4)
 117-137 Family Housing (B, C, D-1, 2, 3)
 205 Trailer Court Service Building (B-6)

NUMERICAL LIST OF BUILDINGS (Continued)

H

- H1-H76 University Housing (F-9, 10; G-5, 9; J, K-5, 6)
H32 Men's Physical Education Research (J-6)

R

- R1 Baptist Foundation (H-7)
R2 Baptist Foundation (J-7)
R3 Christian Foundation (E, F-8)
R4 Methodist Foundation (F-9)
R5 Episcopal Foundation (I-10)
R6 Newman Foundation (D, E-8)
R7 Newman Foundation (Proposed) (D, E-9)

S

- S1 State of Illinois Public Health Laboratory (M-6)

T

- T1 Recreation and Apartment (D-6)
T2-T9 Men's Residence Halls (C, D-6)
T10 Storage Building (D-6)
T13 Personnel Office (F-6)
T14 Alumni Service (F-6)
T15 Student Employment (F-6)
T18 Housing Office; Security Officer; Testing Center (G-6)
T19 Student Affairs Office (G-6)
T25 Industrial Education Shops (G-5)
T26 Industrial Education Offices, Classrooms, and Drafting Room (H-4)
T27 Industrial Education Classroom; Photography Classroom (H-4)
T29 Farm Quonset Machine Shop (H-4)
T31 Department of Economics (G-6)
T32 Department of Accounting; School of Business; Secretary of Faculty (G-6)
T33 Accounting; Business Manager; Purchasing (H-6)
T34 Bursar (H-6)
T35 Auditor; Registrar (H-6)
T36 Southern Playhouse (H-6)
T37 Radio Studio (G-6)
T38 Department of Speech, and Classrooms (H-6)
T39 Central Mailing; Data Processing and Computing Center; Stenographic Service (H-6)
T40 Education Classrooms (H-5)
T41 Education Classrooms (H-6)
T42 Education Administration (H-5, 6)
T44 Health Service (D-6, 7)
T45 President's Office (H-7)
T48 Egyptian; Journalism (H-4)
T57 Illinois Avenue Residence Hall (F-9)
T58 Physical Education Quonset (E-7)
T60 Psychology Perception Laboratory (K-7)
T61 Speech and Hearing Clinic (K-7)
T62 Rehabilitation Counselor Training (K-7)
T63 AFROTC Supply (F-7)
T65 Advisement Center; Sectioning Center (H-5)
T66 Central Clinical Services (J-6)
T67 Wildlife Research Laboratory (J-6)
T68 Department of Psychology, Annex 1 (K-6)
T69 Department of Psychology, Main Office (K-6)
T70 Department of Psychology, Annex 2 (K-6)
T71 Department of Psychology, Annex 3 (L-6)
T72 Zoology (L-6)
T73 Industrial Psychology, Annex 4 (L-7)
T74 Department of Guidance (J-7)
T75 Department of Special Education (J-7)
T76 Physical Education (H-10)
T77 Dean of Graduate School (H-10)

- T78 Division of Technical and Adult Education (H, I-10)
T79 Sociology (J-9)
T80 Small Business Institute (L-9)
T84 Department of Recreation and Outdoor Education (D-8)
T85 Civil Defense; Health Education and Safety (D-8)
T86 Central Publications (D-8)
T87 Area Psychological Service (C-8)
T90 Rehabilitation Perception Research (L-7)
T91 Department of English (J-9)
T92 Latin American Institute (D-7)
T93 Rehabilitation Institute Administrative Offices (K-7)
T94 Botany and Zoology (J-6)
T95 Nursery and Psychology (K-5)
T96 American Board Examiners, Psychology (L-7)
T98 Health Service (D-7)
T99 Central Research Shop (L-7)
T100 Co-ordinator of Research (L-8)
T101 Co-operative Wildlife Research (J-7)
T102 Department of English (G-9)
T103 Rehabilitation Institute (K-7)
T104 Sociology (J-9)
T105 Geography; Climatology Laboratory (J-5)
T106 Cartographic Office; Mississippi Valley Investigation (J-5)
T107 Geology (K-5)
T108 Reading Center; Secondary Education (J-7)
T109 Marketing (J-7)
T110-T111 Mathematics (J-9)
T113 Transportation Institute (D-8)
T115 Film Production Units (L-7)
T116 Asian Studies (M-8)
T117 University Press (K-7)
T119 Geology (K-6)
T120 Plan "A" House (G-4)
T121 Sociology (I-9)
T124 Labor Institute (L-7)
T125 Design (J-5)
T126 Design (J, K-6)
T128-T129 Design (J, K-6)
T130 College of Education (J, K-7)
T132 Photographic Service (D-7)
T135 Faculty Club (G-4)
T136 Department of English (G-9)
T137 Department of Government (H-10)
T138 Department of Health Education (L-8)
T141 Educational Television Research (K-7)
T142 Psychology (L-6)
T144 Department of Higher Education (H-10)
T145 School of Business (Dean) (I-9)
T146 Management (K-9)
T149 Design Shop A (K-6)
T150 Design Shop B (J-6)
T151 Design Shop C (J-6)
T152 Design Shop D (K-6)
T155 Dewey Editorship (M-8)
T156 Department of Speech Correction (K-8)
T157 General Improvements (B, C-7)
T158 University Architect Construction Division (L-6)
T159 Art Annex No. 1 (C-7)
T161 Virology Research Laboratory (M-6)
T162 Pine Hills Station; Economics Annex (L-6)
T163 Janitorial Services (K-7)
T167 Center for Study of Crime, Delinquency, and Corrections (K-9)
T169 Instructional Materials Classroom (L-7)
T171 Geography Annex 2 (M-7)
T173 Geography Annex 1 (M-7)
T175 Women's Physical Education Annex (C-7)
T176 Botany Research (L-8)
T182 Art Annex No. 2 (B-7)
T185 Journalism Annex (K-7)
T191 School of Technology (Dean) (L-7)
T192 Typography Laboratory (K-7)
T196 Department of English (I-9)

5 / Schedule of Classes

THE FOLLOWING material may be of value in interpreting the information appearing in the class schedule.

LISTING OF COURSES

Courses are listed in three groups: General Studies courses, departmental courses, and Vocational-Technical Institute courses. Within each group, subject areas or departments are listed alphabetically. Within each area, courses are arranged in numerical order.

COURSE NUMBERS AND HOURS

The column containing this information shows the number of the course first, followed by the number of hours of credit. Course numbers are three digit numbers. In some cases the three digits may be followed by a letter which is also part of the course number. The number appearing after the hyphen denotes the hours of credit for the course. In some cases there may be more than one number following the course number such as 599-2 to 5. This represents a variable-hour course in which the student decides the number of hours for which he is going to register in consultation with his adviser.

The course numbering system is as follows:

- 000-099 Course not properly falling in the following categories
- 100-199 For freshmen
- 200-299 For sophomores
- 300-399 For juniors and seniors
- 400-499 For seniors and graduate students
- 500-600 For graduate students only

PREREQUISITE

The prerequisite column lists requirements which must be satisfied before a student registers for the course. These prerequisites may be listed in various ways. Usually they are other courses in the same department, indicated by a course number. A prerequisite in another department is indicated by the department's code letters and the course number.

The listing of prerequisites provides ready information for students. An effort has been made to have the listing be complete, but this is not guaranteed. For the official listing of course descriptions and prerequisites, consult the bulletin of the academic unit within which the department is located.

SECTION NUMBER, TIME, AND DAYS

The times given indicate the beginning and ending of each class period. Central Daylight Time is used throughout the summer. Students registering for courses listed as "to be arranged" may obtain times and days from the instructors indicated or, if no instructor is listed, from the department chairmen offering the courses.

The letter *T* preceding a section number indicates that the section has been tentatively scheduled and will be opened for registration only if staff is available.

Those courses being offered on the 8-week basis (June 15–August 7) are marked with a † immediately following the section number.

BUILDING AND ROOM NUMBER

Buildings which house summer classrooms are listed below, in alphabetical order according to the code used in the Schedule of Classes. The building's name or description follows the colon. The numbers locate the building on the map of the Carbondale Campus which appears in Chapter Four. (The list below does not include buildings which are identified in the schedule by a letter followed by a number. Such buildings are listed in numerical order in Chapter Four.)

If a building contains more than one classroom, then the number of the room follows the building's code name. A building code which contains a number is separated from the room number by the letter *R*. (For example, "T32 R111" means room 111 in building T32.)

CODE: BUILDING NAME—NUMBER	MAP KEY	CODE: BUILDING NAME—NUMBER	MAP KEY
A: Allyn Building—3	G-6	LS: Life Science Building—17	K-4
Ag: Agriculture Building—26	I-4	M: Old Main—1	G-7
Alg: Altgeld Hall—2	I-7	P: Parkinson Laboratory—4	G-6
ApS: Applied Science Laboratory—57	B-7	Pool: University Swimming Pool—22	M-6
Aud: Shryock Auditorium—6	H-6	Quon: Quonset Hut—T58	F-8
Bowling Alley: in University Center—45	G-6	RadS: Radio Studios—T 37	H-6
Browne: Browne Auditorium—9	H-6	TVS: Television Studios—42	F-8
Gym: Gymnasium—7	F-7	Tennis: Tennis Courts	
HEc: Home Economics Building—42	F-8	Stadium: McAndrew Stadium—13	E-6
Lib: Morris Library—25	J-5	USch: University School—23	M-7
LG: Little Grassy Lake	--	Wh: Wheeler Hall—8	H-7
		Wham: Wham Education Building—44	J-8

DEPARTMENTAL LISTING BY ACADEMIC UNIT

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

EXPLANATION OF ENTRIES

The entry for each course is arranged as follows:

First Line: The courses's identification number is followed by the number of quarter hours of credit and the descriptive title. A dotted line separates the title from the prerequisite, which appears at the right-hand end of the first line and sometimes continues to the second line. *Section-Number Lines:* The first column lists the section numbers for summer classes. Following each section number are the time the class begins and the time it ends. The days on which the class meets, the place where it meets, and the instructor's last name complete the entry.

Course No. & Hours	—	Descriptive Title		Days	Bldg & Room	Prerequisite Instructor
	Summer	Time				

GENERAL STUDIES AREA A—MAN'S PHYSICAL ENVIRONMENT and BIOLOGICAL INHERITANCE (GSA)

101a-3	Introduction to Physical Science					
1	8:00-8:50	M	W	F	Browne	staff
T2	1:00-1:50	M	WTh		Browne	staff
101b-3	Introduction to Physical Science					101a
1	9:00-9:50	M	W	F	Browne	Mr Brown
CHEM 101b-1	Optional Laboratory for GSA 101b					101b
1	8:00-10:50	Tu			P 206	staff
T2	1:00-3:50	W			P 206	staff
101c-3	Introduction to Physical Science					101b
1	10:00-10:50	M	W	F	Browne	Mr Brown
CHEM 101c-1	Optional Laboratory for GSA 101c					101c
1	8:00-10:50		Th		P 206	staff
T2	1:00-3:50	Tu			P 206	staff
200-3	Earth Science					
1	9:00-9:50	M	W	F	Ag 166	Mr Bell
201a-3	Man's Biological Inheritance					101c
1	8:00-8:50	M	W		LS 133	Mr Summerfelt
	8:00-9:50		Tu		H26 a	staff
2	8:00-8:50	M	W		LS 133	Mr Summerfelt
	1:00-2:50		Tu		H26 a	staff
3	8:00-8:50	M	W		LS 133	Mr Summerfelt
	3:00-4:50		Tu		H26 a	staff
4	8:00-8:50	M	W		LS 133	Mr Summerfelt
	1:00-2:50		W		H26 a	staff
5	8:00-8:50	M	W		LS 133	Mr Summerfelt
	3:00-4:50		W		H26 a	staff
6	8:00-8:50	M	W		LS 133	Mr Summerfelt
	8:00-9:50			F	H26 a	staff
201b-3						201a
1	8:00-8:50	Tu	Th		LS 133	Mr Englert
	2:00-3:50		Th		H26 c	staff
2	8:00-8:50	Tu	Th		LS 133	Mr Englert
	8:00-9:50			F	H26 c	staff
3	8:00-8:50	Tu	Th		LS 133	Mr Englert
	1:00-2:50			F	H26 c	staff
201c-3						201b
1	1:00-1:50	Tu	Th		LS 205	Mr Hendrickx
	10:00-11:50	Tu			H26 c	Mr Hendrickx
2	1:00-1:50	Tu	Th		LS 205	Mr Hendrickx
	1:00-2:50		W		H26 c	Mr Hendrickx

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
312-3	Conservation of Natural Resources	1	9:00-9:50	M W F	LS 205 Mr Summerfelt
345-3	Economic Botany	1	10:00-10:50	M W F	LS 133 Mr Welch

**GENERAL STUDIES AREA B—MAN'S SOCIAL INHERITANCE
and SOCIAL RESPONSIBILITIES (GSB)**

101a-3	Survey of Western Tradition (Geography)	1	10:00-10:50	M W F	Wham 105	staff
101b-3	Survey of Western Tradition (History)	1	8:00-8:50	M W	Wham 105	Mr Shelby staff
			8:00-8:50	Th	M 209	staff
		2	8:00-8:50	M W	Wham 105	Mr Shelby staff
			8:00-8:50	Th	M 206	staff
		3	8:00-8:50	M W	Wham 105	Mr Shelby staff
			8:00-8:50	Tu	M 206	staff
		4	8:00-8:50	M W	Wham 105	Mr Shelby staff
			8:00-8:50	Tu	M 209	staff
		5	8:00-8:50	M W	Wham 105	Mr Shelby staff
			9:00-9:50	Th	M 206	staff
		T6	8:00-8:50	M W	Wham 105	Mr Shelby staff
			9:00-9:50	Th	M 209	staff
		T7	8:00-8:50	M W	Wham 105	Mr Shelby staff
			10:00-10:50	Th	M 207	staff
		8	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			9:00-9:50	M	M 206	staff
		9	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			9:00-9:50	F	M 206	staff
		10	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			9:00-9:50	M	M 207	staff
		11	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			9:00-9:50	F	M 207	staff
		12	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			9:00-9:50	W	M 206	staff
		T13	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			10:00-10:50	F	M 206	staff
		T14	9:00-9:50	Tu Th	Browne	Mr Shelby staff
			9:00-9:50	W	M 207	staff
101c-3	Survey of Western Tradition (History)	1	12:00-12:50	Tu Th	Browne	Mr O'Day staff
			12:00-12:50	M	M 209	staff
		2	12:00-12:50	Tu Th	Browne	Mr O'Day staff
			12:00-12:50	M	M 206	staff
		3	12:00-12:50	Tu Th	Browne	Mr O'Day staff
			12:00-12:50	W	M 206	staff
		T4	12:00-12:50	Tu Th	Browne	Mr O'Day staff
			12:00-12:50	W	M 209	staff
201a-3	Culture, Society and Behavior (Anthropology)	1	9:00-9:50	MTuW	HEc 301	staff
		2	10:00-10:50	MTuW	HEc 301	staff
201b-3	Culture, Society and Behavior (Sociology)	1	8:00-8:50	M W F	HEc 301	staff
		2	9:00-9:50	M W F	HEc 303	staff
		3	10:00-10:50	M W F	HEc 106	staff
		4	11:00-11:50	TuW F	HEc 301	staff
		5	12:00-12:50	TuWTh	HEc 301	staff
		6	1:00-1:50	TuWTh	HEc 301	staff

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
Summer	Time			
T7	2:00-2:50	MTuW	Wham 201	staff
T8	3:00-3:50	TuWTh	Wham 201	staff
T9	4:00-4:50	TuWTh	Wham 203	staff
201c-3	Culture, Society and Behavior (Psychology)			201a
1	11:00-11:50	M W	Browne	Mr Carrier
	8:00-8:50	Th	Ag 168	staff
2	11:00-11:50	M W	Browne	Mr Carrier
	8:00-8:50	F	Ag 168	staff
3	11:00-11:50	M W	Browne	Mr Carrier
	9:00-9:50	Th	Ag 116	staff
4	11:00-11:50	M W	Browne	Mr Carrier
	9:00-9:50	F	Ag 224	staff
5	11:00-11:50	M W	Browne	Mr Carrier
	10:00-10:50	Th	Ag 116	staff
6	11:00-11:50	M W	Browne	Mr Carrier
	11:00-11:50	Th	Ag 116	staff
7	11:00-11:50	M W	Browne	Mr Carrier
	1:00-1:50	F	Wham 210	staff
8	11:00-11:50	M W	Browne	Mr Carrier
	2:00-2:50	Th	Wham 201	staff
T9	11:00-11:50	M W	Browne	Mr Carrier
	2:00-2:50	F	Wham 206	staff
T10	11:00-11:50	M W	Browne	Mr Carrier
	3:00-3:50	Th	Wham 206	staff
211a-3	Political Economy			
1	10:00-10:50	M W F	Wham 308	Mr Stalon
211b-3				
1	8:00-8:50	M W F	M 203B	staff
2	10:00-10:50	M W F	M 203B	staff
3	12:00-12:50	TuW F	M 201	staff
4	1:00-1:50	M W F	Gym 204	staff
211c-3				
1	11:00-11:50	M W F	Gym 203	staff
303-3	International Relations			
1	10:00-10:50	M W F	M 201	Mr Abbass
311-3	Economic Development of the U.S.			101a or 211c
1	2:00-2:50	MTu Th	Wham 110	Mr Ellis
312-3	Comparative Economic Systems			211c
1	1:00-1:50	M WTh	Wham 110	Mr Wells
321-3	Socialization of The Individual			201b
1	10:00-10:50	Tu	HEc 118	Mr Schmitt
	10:00-10:50	W	HEc 102	Mr Schmitt
	10:00-10:50	Th	HEc 301	Mr Schmitt
331-3	The American Educational Systems			
1	8:00-8:50	M W F	Wham 205	staff
2	9:00-9:50	M W F	Wham 205	staff
3	10:00-10:50	M W F	Wham 205	staff
T4	11:00-11:50	M W F	Wham 205	staff
T5	1:00-1:50	M W F	Wham 205	staff
T6	2:00-2:50	M W F	Wham 205	staff
341-3	Marriage			201b
1	8:00-8:50	Tu Th	Wham 317	Miss Snyder
	8:00-8:50	W	Wham 202	Miss Snyder
385-3	Contemporary Political Isms			211b and 211c, or consent of department
1	9:00-9:50	M W F	M 203B	Mr Kamarasy

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite
 Summer Time Instructor

GENERAL STUDIES AREA C—MAN'S INSIGHTS and APPRECIATIONS (GSC)

100-3 Music Understanding						
	1	1:00-1:50	M	W	F	Alg 115 Mr Canedy
	2	2:00-2:50	Tu	Th	F	Alg 115 Mr Canedy
101-3 Art Appreciation						
	1	2:00-2:50	Tu	Th		Browne Mr Shryock
		2:00-3:50	M			A 106 staff
	2	2:00-2:50	Tu	Th		Browne Mr Shryock
		2:00-3:50		W		A 106 staff
	3	2:00-2:50	Tu	Th		Browne Mr Shryock
		2:00-3:50			F	A 106 staff
	4	2:00-2:50	Tu	Th		Browne Mr Shryock
		3:00-4:50	M			A 112 staff
	5	2:00-2:50	Tu	Th		Browne Mr Shryock
		3:00-4:50		W		A 112 staff
	6	2:00-2:50	Tu	Th		Browne Mr Shryock
		3:00-4:50			F	A 112 staff
	7	2:00-2:50	Tu	Th		Browne Mr Shryock
		2:00-3:50	M			A 115 staff
	8	2:00-2:50	Tu	Th		Browne Mr Shryock
		3:00-4:50		W		A 115 staff
	9	2:00-2:50	Tu	Th		Browne Mr Shryock
		2:00-3:50			F	A 115 staff
	10	2:00-2:50	Tu	Th		Browne Mr Shryock
		3:00-4:50	M			A 115 staff
102-3 Problems of Moral Decision						
	1	10:00-10:50	Tu	Th		Browne staff
		11:00-11:50		Th		HEc 301 staff
	2	10:00-10:50	Tu	Th		Browne staff
		1:00-1:50		Th		HEc 208 staff
	3	10:00-10:50	Tu	Th		Browne staff
		8:00-8:50			F	HEc 106 staff
	4	10:00-10:50	Tu	Th		Browne staff
		9:00-9:50			F	HEc 208 staff
	5	10:00-10:50	Tu	Th		Browne staff
		10:00-10:50			F	HEc 301 staff
	6	10:00-10:50	Tu	Th		Browne staff
		11:00-11:50			F	HEc 203 staff
	7	10:00-10:50	Tu	Th		Browne staff
		2:00-2:50		Th		HEc 104 staff
	8	10:00-10:50	Tu	Th		Browne staff
		3:00-3:50		Th		HEc 118 staff
103-3 Masterpieces of Literature						
	1	2:00-2:50	M	W		Browne Mr Cassidy
		2:00-2:50		Tu		Wham 205 staff
	2	2:00-2:50	M	W		Browne Mr Cassidy
		2:00-2:50			Th	Wham 205 staff
	3	2:00-2:50	M	W		Browne Mr Cassidy
		2:00-2:50			F	Wham 210 staff
	4	2:00-2:50	M	W		Browne Mr Cassidy
		2:00-2:50		Tu		HEc 102 staff
	5	2:00-2:50	M	W		Browne Mr Cassidy
		2:00-2:50			Th	HEc 102 staff
	6	2:00-2:50	M	W		Browne Mr Cassidy
		2:00-2:50			F	HEc 202 staff

Course No. & Hours	Descriptive Title	Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
201-3	Introduction to Drama					GSC 103
	1		11:00-11:50	M	HEc 301	staff
			11:00-11:50	Tu Th	M 201	staff
	2		1:00-1:50	MTu Th	Gym 203	staff
	3		3:00-3:50	M W F	HEc 106	staff
202-3	Introduction to Poetry					GSC 103
	1		9:00-9:50	MTu Th	HEc 104	staff
	2		12:00-12:50	M W F	HEc 104	staff
	3		2:00-2:50	M W F	HEc 102	staff
204-3	Meaning of The Visual Arts					
	1		11:00-11:50	M W F	A 102	Mr Fink
	2		12:00-1:50	M W F	A 102	Mrs Hall
206-3	Foundations of Music					
	1		1:00-1:50	Tu ThF	Alg 116	Mr Bottje
	2		2:00-2:50	M W F	Alg 116	Mr McIntosh
207-3	Philosophy of the Beautiful					
	1		9:00-9:50	M W	Wham 308	Mr McClure
			10:00-10:50	W	HEc 104	staff
	2		9:00-9:50	M W	Wham 308	Mr McClure
			11:00-11:50	W	HEc 102	staff
	3		9:00-9:50	M W	Wham 308	Mr McClure
			9:00-9:50	Th	HEc 301	staff
	4		9:00-9:50	M W	Wham 308	Mr McClure
			10:00-10:50	Th	HEc 202	staff
208-3	Logic and Meaning					
	1		8:00-8:50	Tu Th	Wham 308	Mr Moore
			9:00-9:50	Th	HEc 118	staff
	2		8:00-8:50	Tu Th	Wham 308	Mr Moore
			10:00-10:50	Th	HEc 106	staff
	3		8:00-8:50	Tu Th	Wham 308	Mr Moore
			10:00-10:50	F	HEc 104	staff
	4		8:00-8:50	Tu Th	Wham 308	Mr Moore
			11:00-11:50	F	HEc 303	staff
209-3	Modern Literature: Form and Idea					GSC 103
	1		8:00-8:50	M W F	Wham 307	staff
	2		10:00-10:50	M W F	HEc 306	staff
	3		11:00-11:50	M W F	Wham 307	staff
	4		1:00-1:50	MTu Th	HEc 202	staff
	5		4:00-4:50	M W F	HEc 118	staff
	6		7:00-8:25	M W	HEc 106	staff
210-3	Introduction to Fiction					GSC 103
	1		10:00-10:50	MTu Th	HEc 104	staff
	2		12:00-12:50	M F	HEc 301	staff
			12:00-12:50	W	HEc 102	staff
	3		2:00-2:50	MTu Th	HEc 202	staff
	4		3:00-3:50	M W F	HEc 202	staff
318-3 ¹	Modern British Literature					
	1		To be arranged	Oxford Univ., England		Mr. Benziger
320-3 ¹	Modern Britain					
	1		To be arranged	Oxford Univ., England		staff

¹ Restricted to students who have been previously accepted for the Oxford Study Program.

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite
Summer Time Instructor

GENERAL STUDIES AREA D—ORGANIZATION and
COMMUNICATION OF IDEAS (GSD)

ENG 100-0	English Composition: Grammar and Usage						
1	10:00-10:50	Tu			HEc 106	staff	
	10:00-10:50		F		Wham 208	staff	
	10:00-10:50		Th		Wham 302	staff	
2	1:00-1:50	MTu	Th		HEc 203	staff	
101a-3	English Composition			Eng 100	or satisfactory score on ACT		
1	8:00-8:50	M	W	F	HEc 122	staff	
2	9:00-9:50	M			Wham 302	staff	
	9:00-9:50		W		Wham 303	staff	
	9:00-9:50			F	Wham 327	staff	
3	10:00-10:50	M	W	F	HEc 120	staff	
4	11:00-11:50	M	W	F	Wham 305	staff	
5	2:00-2:50	MTu	Th		Wham 307	staff	
6	4:00-4:50	M	W	F	Wham 321	staff	
7	6:00-7:25 P.M.	M	W		Wham 321	staff	
101b-3							101a
1	9:00-9:50	M			HEc 106	staff	
	9:00-9:50		W	F	HEc 104	staff	
2	10:00-10:50		W		M 102A	staff	
	10:00-10:50		Tu	F	Wham 307	staff	
3	12:00-12:50	M	W	F	Wham 305	staff	
4	3:00-3:50	M	W	F	HEc 104	staff	
5	4:00-4:50	M	W	F	HEc 104	staff	
103-3	Oral Communication of Ideas						
T1	8:00-8:50		Tu	ThF	T38 R103	staff	
	12:00-12:50	M			HEc 106	staff	
2	9:00-9:50	MTu	Th		T38 R103	staff	
	12:00-12:50	M			HEc 106	staff	
3	10:00-10:50		Tu	ThF	T38 R102	staff	
	12:00-12:50	M			M 102	staff	
4	11:00-11:50	MTu	Th		T38 R103	staff	
	12:00-12:50	M			M 102A	staff	
5	12:00-12:50		Tu	ThF	T38 R102	staff	
	12:00-12:50	M			M 201	staff	
6	12:00-12:50		Tu	ThF	T38 R103	staff	
	12:00-12:50	M			M 201	staff	
7	1:00-1:50	M	W		Wham 206	staff	
	1:00-1:50			F	Wham 303	staff	
	12:00-12:50	M			M 102	staff	
8	1:00-1:50	M			Wham 321	staff	
	1:00-1:50		Tu	Th	Wham 303	staff	
	12:00-12:50	M			M 102A	staff	
9	2:00-2:50		Tu	ThF	Wham 303	staff	
	12:00-12:50	M			HEc 118	staff	
T10	2:00-2:50	M	W	F	Wham 305	staff	
	12:00-12:50	M			HEc 118	staff	
MATH 106-0	Intermediate Algebra						
1	12:00-12:50	MTuWTh			HEc 303	staff	
2	2:00-2:50	TuWThF			HEc 303	staff	
108a-3	Fundamentals of Mathematics				HS Math of Math 106		
1	9:00-9:50		TuW	F	HEc 106	staff	
2	11:00-11:50			F	Gym 204	staff	
	11:00-11:50		Tu	Th	Gym 203	staff	
3	1:00-1:50		Tu	ThF	Wham 206	staff	
4	3:00-3:50		Tu	ThF	Wham 205	staff	

Course No. & Hours	Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
108b-3		1	8:00-8:50	Tu Th	HEc 301	108a staff
			8:00-8:50	F	Wham 110	staff
		2	2:00-2:50	M W F	HEc 203	staff
108c-3		1	11:00-11:50	Tu	HEc 118	114b or 108b staff
			11:00-11:50	W	HEc 106	staff
			11:00-11:50	F	Wham 210	staff
		T2	12:00-12:50	Tu Th	HEc 201	staff
			12:00-12:50	F	HEc 106	staff
110-3	Economic and Business Statistics					108b or 114b, open only to economics majors and School of Business students as a substitute for 108c or 114c
		1	8:00-8:50	M W F	Wham 308	Mr Martinsek
114a-3	College Algebra and Trigonometry					HS Math or Math 106
		1	9:00-9:50	MTu Th	HEc 203	staff
		2	12:00-12:50	M W F	Wham 205	staff
		T3	12:00-12:50	M W F	HEc 201	staff
		4	3:00-3:50	M W F	Wham 206	staff
		T5	3:00-3:50	M W F	HEc 303	staff
114b-3		1	9:00-9:50	Tu Th	HEc 303	114a staff
			9:00-9:50	F	HEc 203	staff
		2	1:00-1:50	M	HEc 301	staff
			1:00-1:50	Tu Th	HEc 201	staff
114c-3		1	10:00-10:50	M	HEc 203	114a staff
			10:00-10:50	Tu Th	Wham 308	staff
		2	2:00-2:50	M WTh	Wham 206	staff
120a-3, 120b-3, 120c-3 ¹	Elementary Chinese					
		1	9:00-10:50	MTuWThF	HEc 122	staff
CHIN 120a-1, 120b-1, 120c-1 ²	Chinese Conversation					Current enrollment in GSD 120a,b,c
		1	11:00-11:50	M W F	HEc 122	staff
123c-3	Elementary French					123b
		1	10:00-10:50	M W F	Wh 207	Mr Ulner
126c-3	Elementary German					126b
		1	9:00-9:50	M W F	Wh 207	Mr Swick
136a-3, 136b-3, 136c-3 ³	Elementary Russian					
		1	8:00-9:50	MTuWThF	HEc 128	Mr Kupcek
140c-3	Elementary Spanish					140b
		1	11:00-11:50	M W F	Wh 207	Mr Ulner

¹ GSD 120a,b,c, must be taken as a unit for 9 hours.

² Chin 120a,b,c must be taken as a unit for 3 hours.

³ GSD 136a,b,c must be taken as a unit for 9 hours.

GENERAL STUDIES AREA E—HEALTH and PHYSICAL DEVELOPMENT (GSE)

101M-1	Beginning Swimming					
		1	10:00-10:50	M W F	Pool	Mr Holder
		2	11:00-11:50	M W F	Pool	Mr Iubelt
		3 ¹	To be arranged		LG	Mr Cross
103M-1	Personal Fitness					
		1	11:00-11:50	MTu Th	Quon	Mr Spackman
111M-1	Intermediate Swimming					
		T1	9:00-9:50	M W F	Pool	staff
		2	12:00-12:50	M W F	Pool	Mr Hartzog
		T3	11:35-12:50	Tu Th	Pool	staff
		4 ¹	To be arranged		LG	Mr Cross

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
126M-1	Beginning Bowling (fee required)				
	1	9:00-9:50	M WTh	Bowling Alley	Hartman
	2	10:00-10:50	M WTh	Bowling Alley	Hartzog
	3	11:00-11:50	M WTh	Bowling Alley	Meade
	T4	12:00-12:50	M WTh	Bowling Alley	staff
128M-1	Tennis				
	1	11:00-11:50	MTu Th	Tennis	Mr Martin
	2	12:00-12:50	MTu Th	Tennis	Mr Martin
	T3	1:00-1:50	MTu Th	Tennis	staff
	T4	2:00-2:50	MTu Th	Tennis	staff
136M	Golf				
	1	9:00-9:50	MTu Th	Gym 207	Mr Holder
	2	10:00-10:50	MTu Th	Gym 207	Mr Iubelt
	T3	11:00-11:50	MTu Th	Gym 207	staff
101W-1	Beginning Swimming				
	1	8:00-8:50	M W F	Pool	staff
	2	1:00-1:50	M W F	Pool	staff
102W-1	Beginning Contemporary Dance				
	1	8:00-8:50	M W F	Gym 208	Miss West
103W-1	Fundamentals of Body Movement				
	1	9:00-9:50	Tu ThF	Gym 114	Miss Wood
111W-1	Intermediate Swimming			101 or consent of department	
	T1	1:00-1:50	M W F	Pool	staff
116W-1	Archery				
	1	10:00-11:50	Tu Th	Gym 208	staff
119W-1	Beginning Golf				
	1	9:00-9:50	M W F	Gym 114	Miss Wood
	2	10:00-10:50	M W F	Gym 114	Miss Stehr
	3	11:00-11:50	M W F	Gym 114	Miss Wood
	4	1:00-1:50	M W F	Gym 114	Miss West
126W-1	Beginning Bowling (fee required)				
	T1	8:00-8:50	M W F	Bowling Alley	staff
	T2	12:00-12:50	M W F	Bowling Alley	staff
128W-1	Beginning Tennis				
	1	8:00-9:50	Tu Th	Gym 208	Miss West
	2	8:00-9:50	M W	Gym 114	Miss Wood
	T3	10:00-11:50	M W	Gym 208	staff
	4	10:00-11:50	Tu Th	Gym 208	staff
	5	1:00-2:50	Tu Th	Gym 208	staff
201-3	Healthful Living				
	1	8:00-8:50	MTuW	M 105	staff
	2	8:00-8:50	TuWTh	M 107	staff
	3	9:00-9:50	MTuW	M 105	staff
	4	9:00-9:50	M WTh	M 215	staff
	5	10:00-10:50	MTuW	M 105	staff
	6	10:00-10:50	TuWTh	M 107	staff
	7	11:00-11:50	MTuW	M 105	staff
	8	11:00-11:50	Tu ThF	M 107	staff
	9	12:00-12:50	TuWTh	HEc 106	staff
	10	12:00-12:50	TuWTh	HEc 118	staff
	11	12:00-12:50	TuWTh	M 102	staff
	12	1:00-1:50	MTuW	HEc 106	staff
	13	1:00-1:50	MTuW	M 201	staff
	T14	1:00-1:50	TuWTh	HEc 206	staff
	T15	2:00-2:50	M WTh	HEc 106	staff
	16 ¹	8:00-8:50	M WTh	LG	staff

¹ Residents of Little Grassy Lake only

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite
Summer Time

ACCOUNTING (ACCT)

250-4	Accounting Fundamentals	1	10:00-10:50	MTu ThF	T32 R110	Mr Richards
251a-4	Elementary Accounting	1	9:00-9:50	MTuWTh	T32 R110	Mr Page
251b-4		1	8:00-8:50	MTuWTh	T32 R111	Mr Schmidlein
251c-4		1	10:00-10:50	MTuWTh	T32 R111	Mr Schmidlein
309-2	Individual Income Tax	1	2:00-2:50	Tu Th	M 102A	Mr Swick
331-5	Tax Accounting	1	9:00-9:50	MTuWThF	T32 R111	Miss Barron
356-5	Auditing	1	8:00-8:50	MTuWThF	T32 R110	Mr Page
458-4	Accounting Systems	1	10:00-11:50	W	T32 R110	Mr Swick
			10:00-11:50	F	T32 R111	Mr Swick
459-4	Internship in Accounting	1	To be arranged			Consent of department Mr Swick
500-1 to 5	Readings in Accounting	1	To be arranged		T32 R118	Mr Swick
599-1 to 9	Thesis	1	To be arranged			Consent of department Mr Schmidlein

AGRICULTURAL INDUSTRIES (AG I)

114-4	Introduction to Agricultural Economics	1	1:00-1:50	MTuW	Ag 225	Mr Herr
			1:00-2:50	Th	Ag 225	Mr Herr
215-4	Introduction to Farm Structure and Electrification	1	8:00-8:50	M W	Ag 155	Mr Shute
			8:00-9:50	Tu Th	Ag 155	Mr Shute
310-4	General Agriculture	1	† 7:30-8:45	MTuW	Ag 225	Mr Wood
			7:30-10:10	Th	Ag 225	Mr Wood
		T2	† 7:30-8:45	MTuW	Ag 225	Mr Wood
			7:30-10:10	F	Ag 225	Mr Wood
390-1 to 6	Special Studies in Agricultural Industries	1	To be arranged			Consent of chairman staff
450-4	Advanced Farm Management (June 22-July 17)	1	10:20-1:00	MTuWThF	Ag 225	Mr Armstrong
520-1 to 6	Readings	1	To be arranged			Consent of chairman staff
575-1 to 6	Research	1	To be arranged			Consent of chairman staff
581-1	Seminar (June 22-July 17)	1	To be arranged			Consent of chairman staff
599-1 to 9	Thesis	1	To be arranged			Consent of chairman staff

AIR SCIENCE (USAF)

100A-0	Air Science I—Leadership Laboratory	1	10:00-10:50	Tu	Wh 102	Consent of department staff
200A-0	Air Science II—Leadership Laboratory	1	10:00-10:50	Tu	Wh 102	Consent of department staff

† June 15–August 6

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite
Summer Time Instructor

ANIMAL INDUSTRIES (AN I)

231-4	Dairy Husbandry	1	9:00-9:50	M	W	F	Ag 116	Mr Olson and
			9:00-10:50		Th		Ag 120	Mr Reed
319-3	Horses	1	10:00-10:50	MTu			315 or consent of instructor	
			9:00-10:50	W			Ag 116	staff
							Ag 114	staff
390-1 to 3	Special Studies in Animal Industries	1	To be arranged					staff
465-5	Swine Production	1	8:00-8:50	M	WThF		Ag 116	Mr Burnside and
			8:00-9:50	Tu			Ag 120	Mr Miller
486-4	The Range Livestock Industry (June 15-July 10)	1	To be arranged					480 and 485
								Mr Kammlade
520-1 to 6	Readings in Animal Industries	1	To be arranged					staff
575-1 to 6	Individual Research	1	To be arranged					staff
599-2 to 9	Thesis	1	To be arranged					staff

ANTHROPOLOGY (ANTH)

400-4	Man and Culture	1	† 3:55-5:05	M	WTh		HEc 306	Mr Riley
			2:35-3:50		F		HEc 306	Mr Riley
567-3 to 6	Seminar in Anthropology	1	To be arranged					Consent of department
								Mr Fowler
582-3 to 9	Problems in Archaeology	1	To be arranged					Consent of department
								staff
584-3 to 9	Problems in Cultural Anthropology	1	To be arranged					Consent of department
								staff
585-3 to 9	Readings in Anthropology	1	To be arranged					Consent of department
								staff
597-3 to 9	Fieldwork in Anthropology	1	To be arranged					Consent of department
								staff
599-3 to 9	Thesis	1	To be arranged					staff
600-1 to 12	Dissertation	1	To be arranged					staff

APPLIED SCIENCE (AP S)

422-3	Programming Systems	1	8:00-8:50	M	W	F	Ag 148	Engr 222
								Mr Ashworth

ART (ART)

100-6	Basic Studio	1	8:00-9:50	MTuWThF			A 112	Mr Bernstein
200-6	Studio Disciplines	1	8:00-9:50	MTuW	F		A 6	Mr Kington
300-4	Art Education	1	8:00-10:50	M	W		A 106	Mrs Hall
302-8	Workshop: Pottery (June 15-27)	1	To be arranged					Mr Vergette
309-3	Oriental Art	1	9:00-9:50	M	W	F	A 102	Mr Watkins

Course No. & Hours	Descriptive Title	Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
325-2 to 12	Studio	1	To be arranged			Mr Breland
332-4	Jewelry and Silversmithing	1	10:00-12:50	M W F	A 11	Mr Kington
341-2 to 12	Drawing	1	10:00-11:50	M W F	A 202	Mr Bernstein
358-2 to 12	Prints	1	8:00-9:50	M W F	A 16	Mr Fink
405-8	Studio in Sculpture (June 15-July 31)	1	To be arranged			Consent of instructor Mr Sullivan
441-2 to 6	Studio in Drawing	1	To be arranged (four weeks)			Mr Harris
445a-3	Modern Art: Art of The 19th Century	1	10:00-10:50	M W F	A 102	Mr Watkins
460-2 to 12	Research in Art Education	1	† To be arranged			Mr Stewart
516-2 to 12	Research in Prints	1	To be arranged			Mr Fink
536-2 to 12	Research in Metal Construction	1	To be arranged			Mr Kington
566-2 to 12	Research in Art Education	1	† To be arranged			Mr Stewart
599-3 to 9	Thesis	1	† To be arranged			staff

ASIAN STUDIES

Students interested in a minor in Asian studies should consult Mr. H. B. Jacobini, Chairman, Committee on Asian Studies. His office is at 800 S. University. Specific courses which can be counted toward such a minor are listed in a special pamphlet issued by the Committee on Asian Studies.

ASTRONOMY (ASTR)

201-4	Introduction to Astronomy	1	11:00-11:50	MTu ThF	P 308	Miss Zimmerschied
-------	---------------------------	---	-------------	---------	-------	-------------------

BOTANY (BOT)

301-3	Morphology of Vascular Plants	1	9:00-9:50	M W	LS 323	Miss Kaeiser
			8:00-9:50	F	LS 307	Miss Kaeiser
313-3	Natural History of Local Plants	1	8:00-8:50	Tu	LS 323	Mr Marberry
			8:00-9:50	M W	LS 307	Mr Marberry
320-5	Elements of Plant Physiology	1	8:00-8:50	M W F	LS 323	Mr Schmid
			8:00-9:50	Tu Th	LS 311	staff
390-2 to 4	Readings in Botany	1	To be arranged			botany major or minor staff
391-2 to 5	Special Problems in Botany	1	To be arranged			major or minor and consent of department staff
501-4	Plant Biology for High School Teachers	1	† 2:35-3:50	M W	LS 307	Mr Mohlenbrock
			1:10-3:50	Tu Th	LS 307	Mr Mohlenbrock

† June 15-August 6

Course No. & Hours	Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
502-2 ¹	Recent Developments in Biological Sciences	1	† 3:55-5:05	Tu	LS G16	1 year Biology staff
			1:10-2:25	W F	LS G16	staff
			10:20-11:35	F	LS G16	staff
503c-5	Advanced Angiosperm Taxonomy					National Science Foundation or consent of department
		1	† 8:55-11:35	Tu Th	LS 307	Mr Mohlenbrock
			(Plus Saturday sessions to be arranged)			
525-5	Cytology	1	8:00-9:50	M W F	LS 313	315 or Zool 401 Mr Olah
			8:00-8:50	Tu Th	LS 313	Mr Olah
570-2 to 5	Readings	1	To be arranged			Consent of department staff
590-2 to 4	Introduction to Research	1	To be arranged			Consent of department staff
591-3 to 9	Problems and Introduction to Research	1	To be arranged			Consent of department staff
599-3 to 9	Thesis	1	To be arranged			Consent of department staff
600-1 to 12	Dissertation	1	To be arranged			Consent of department staff

¹ Cross-listed with Zoology

CENTRAL EUROPEAN STUDIES

Students interested in a minor in central European studies should consult Mr. E. K. Kamarsay, Department of Government, academic adviser for the program.

CHEMISTRY (CHEM)

101b-1	Optional Laboratory for GSA 101b					(See General Studies Area A for schedule)
101c-1	Optional Laboratory for GSA 101c					(See General Studies Area A for schedule)
111c-5	General—Inorganic Chemistry					111b
	1	11:00-11:50	Tu Th	P 204	Mr Van Lente	
		10:00-10:50	Tu	P 204	Mr Van Lente	
		10:00-11:50	M W F	P 200	staff	
	2	2:00-2:50	Tu Th	P 204	Mr Trimble	
		1:00-1:50	Th	P 204	Mr Trimble	
		1:00-2:50	M W F	P 213	staff	
221-3	Qualitative Analysis					111c
	1	8:00-8:50	Tu F	P 111	Mr Joesten	
		8:00-10:50	W	P 213	staff	
235-5	General Quantitative Analysis					111c and logarithms
	1	10:00-10:50	M W F	P 204	Mr Van Lente	
		8:00-10:50	Tu Th	P 103	staff	
305b-4	Organic Chemistry, Preprofessional					305a
	1	11:00-11:50	W F	P 111	Mr Hadley	
		9:00-11:50	M Th	P 205	staff	
350-4	Biological Chemistry					240 or 305b or 341c
	1	1:00-1:50	M W F	P 111	Mr Brown	
		1:00-3:50	Tu	P 115	staff	
	T2	1:00-1:50	M W F	P 111	Mr Brown	
		1:00-3:50	Th	P 115	staff	
432-4	Instrumental Techniques					235 or 331 and 305b or 341c
	1	11:00-11:50	M W	P 204	Mr Van Atta	
		8:00-10:50	M W	P 103	staff	

Course No. & Hours	— Descriptive Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
	2	11:00–11:50	M W	P 204	Mr Van Atta
		1:00–3:50	M W	P 103	staff
	3	11:00–11:50	M W	P 204	Mr Van Atta
		1:00–3:50	Tu Th	P 103	staff
446-4	Qualitative Organic	Analysis			341c
	1	8:00–8:50	M W	P 111	Mr Moulton
		8:00–10:50	Tu Th	P 115	staff
460-5	Theoretical Chemistry			235 or 331, and 305b or 341c	
	1	9:00–9:50	M W F	P 204	Mr Ruch
		8:00–10:50	Tu Th	P 104	staff
496a-2 to 6	Chemical Problems, Analytical			Consent of department	
	1	To be arranged		P 112	staff
496b-2 to 6	Chemical Problems, Biochemistry			Consent of department	
	1	To be arranged		P 112	staff
496c-2 to 6	Chemical Problems, Inorganic			Consent of department	
	1	To be arranged		P 112	staff
496d-2 to 6	Chemical Problems, Organic			Consent of department	
	1	To be arranged		P 112	staff
496e-2 to 6	Chemical Problems, Physical			Consent of department	
	1	To be arranged		P 112	staff
547-3 to 6	Advanced Laboratory Preparations in Organic Chemistry				543
	1	To be arranged			staff
594a-2 to 6	Special Readings in Chemistry, Analytical			Consent of department	
	1	To be arranged			staff
594c-2 to 6	Special Readings in Chemistry, Inorganic			Consent of department	
	1	To be arranged			staff
594d-2 to 6	Special Readings in Chemistry, Organic			Consent of department	
	1	To be arranged			staff
594e-2 to 6	Special Readings in Chemistry, Physical			Consent of department	
	1	To be arranged			staff
596a-3 to 6	Advanced Chemical Problems, Analytical			Consent of department	
	1	To be arranged			staff
596b-3 to 6	Advanced Chemical Problems, Biochemistry			Consent of department	
	1	To be arranged			staff
596c-3 to 6	Advanced Chemical Problems, Inorganic			Consent of department	
	1	To be arranged			staff
596d-3 to 6	Advanced Chemical Problems, Organic			Consent of department	
	1	To be arranged			staff
596e-3 to 6	Advanced Chemical Problems, Physical			Consent of department	
	1	To be arranged			staff
597a-3 to 15	Research and Thesis, Analytical			Consent of department	
	1	To be arranged			staff
597b-3 to 15	Research and Thesis, Biochemistry			Consent of department	
	1	To be arranged			staff
597c-3 to 15	Research and Thesis, Inorganic			Consent of department	
	1	To be arranged			staff
597d-3 to 15	Research and Thesis, Organic			Consent of department	
	1	To be arranged			staff
597e-3 to 15	Research and Thesis, Physical			Consent of department	
	1	To be arranged			staff
598a-1 to 15	Doctoral Research, Analytical			Consent of department	
	1	To be arranged			staff
598c-1 to 15	Doctoral Research, Inorganic			Consent of department	
	1	To be arranged			staff
598d-1 to 15	Doctoral Research, Organic			Consent of department	
	1	To be arranged			staff
598e-1 to 15	Doctoral Research, Physical			Consent of department	
	1	To be arranged			staff

Course No. & Hours	—	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
		Summer Time			

CLOTHING and TEXTILES (C & T)

127-4	Clothing Selection and Construction	1	10:00-11:50	MTuWTh	HEc 304	Mrs Morgan
371-6	Field Experience	1	To be arranged			Miss Padgett
432-3	Workshop: Interior Design (June 15-26)	1	9:00-4:00	MTuWThF	HEc 302	Consent of instructor staff
481-2 to 4	Readings	1	† To be arranged			Consent of instructor Miss Padgett
528-4	Workshop: Recent Developments in Clothing and Textiles (July 13-August 7)	1	8:55-11:35	MTu ThF	HEc 310	127 or consent of instructor Miss Padgett
572-3	Workshop: Special Problems in Interior Design (June 29-July 10)	1	9:00-4:00	MTuWThF	HEc 302	staff
599-2 to 4	Thesis	1	† To be arranged			Miss Padgett

COMMUNITY DEVELOPMENT INSTITUTE

Students interested in a minor in community development should consult Dr. Richard C. Franklin, Director, Community Development Institute, Anthony Hall.

ECONOMICS (ECON)

214-3	Economics (Macro)	1	12:00-12:50	M WTh	Wham 201	GSB 211a Mrs Martinsek
215-3	Economics (Micro)	1	9:00-9:50	M W F	Wham 201	GSB 211a Mr Marks
301-1 to 6	Economics Readings	1	To be arranged			Consent of department Mr Wells
310-4	Labor Problems	1	4:00-4:50	MTuW F	Wham 110	206 or 215 Mr Morrison
315-4	Money and Banking I	1	3:00-3:50	MTuW F	Wham 110	206 or 214 Mr Hollenhorst
317-4	Economic History of the U.S.	1	2:00-2:50	MTu ThF	Wham 110	GSB 101a or GSB 211c or Econ 205 or 214 Mr Ellis
330-4	Public Finance I	1	1:00-1:50	MTuW F	HEc 208	GSB 211c or Econ 206 or 214 Mr Stalon
416-4	Money and Banking II	1	8:00-8:50	MTuW F	HEc 208	315 or consent of department Mr Hollenhorst
429-4	International Economics	1	11:00-11:50	MTuWTh	Wham321	(205 and 206) or (214 and 215) or consent of department Mr Allen
440-4	Intermediate Micro Theory	1	12:00-12:50	MTuWTh	Wham 303	(205 and 206) or 215 or consent of department Mr Allen
470-3	Business Cycles	1	10:00-10:50	M WTh	Wham 307	315 or 441 or consent of department Mr Marks
481-4	Comparative Economic Systems	1	1:00-1:50	M WThF	Wham 110	205 or (214 and 215) or consent of department Mr Wells
490-4 ¹	Economic Education Workshop (August 10-21)	1	9:00-11:40	MTuWThF	Wham 326	Mr Martinsek
			1:00-3:40	MTuWThF	Wham 326	Mr Martinsek
501-1 to 5	Economic Readings	1	To be arranged			Consent of department Mr Wells
599-3 to 9	Thesis	1	To be arranged			Consent of department Mr Wells
600-3 to 16	Dissertation	1	To be arranged			Consent of department Mr Wells

¹ Cross-listed with Secondary Education

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite
 Summer Time Instructor

EDUCATIONAL ADMINISTRATION and SUPERVISION (ED AD)

355-4 Philosophy of Education					
1	8:00-8:50	Tu Th	Wham 205		staff
	8:00-8:50	F	Wham 206		staff
	8:00-8:50	W	Wham 208		staff
2	9:00-9:50	Tu Th	Wham 205		staff
	9:00-9:50	F	Wham 206		staff
	9:00-9:50	M	Wham 228		staff
3 ¹	10:00-10:50	MTuWTh	HEc 208	Mr Moore	
T4	11:00-11:50	Tu Th	Wham 205		staff
	11:00-11:50	F	Wham 208		staff
	11:00-11:50	W	Wham 110		staff
T5	1:00-1:50	Tu Th	Wham 205		staff
	1:00-1:50	F	Wham 208		staff
	1:00-1:50	W	Wham 228		staff
420-4 Legal Basis of American Education					
1	† 2:35-3:50	MTuWTh	Wham 203	Mr Lawler	
424-4 School Administration					
1	† 7:30-8:45	MTuWTh	Wham 301B	Mr Bryant	
431-3 History of Education in the United States					
1	† 10:20-11:35	MTuW	Wham 328	Mr Brammell	
456-4 School Supervision					
1	† 11:45-1:00	MTuWTh	Wham 208	Mr Kraft	
500-4 Research Methods Guid. 422a or 422b					
1	† 2:35-3:50	MTuWTh	Wham 326	Mr Bach	
502-4 Seminar in Comparative Education					
1	† 11:45-1:00	MTuWTh	Wham 326	Mr Lean	
502s-4 Seminar in Comparative Education: Soviet Russia (June 15-July 10)					
1	1:10-3:50	MTuWTh	Wham 312	Mr Counts	
503-4 Seminar in Philosophy of Education					
1	† 10:20-11:35	MTuWTh	Wham 301B	Mr Axtelle	
506-4 Seminar: Curriculum in Relation to American Culture					
1	† 1:10-2:25	MTuWTh	Wham 301B	Mr Hall	
507a-4 Seminar: The Twentieth Century and Education					
1	† 8:55-10:10	MTuWTh	Wham 301B	Mr Axtelle	
520-4 Illinois School Law					
1	† 11:45-1:00	MTuWTh	Wham 206	Mr Beem	
533-4 School Buildings					
1	† 10:20-11:35	MTuWTh	Wham 326	Mr Randolph	
534-4 School Finance					
1	† 8:55-10:10	MTuWTh	Wham 326	Mr Lawler	
554-4 Contrasting Philosophies of Education					
1	† 8:55-10:10	MTuWTh	Wham 328	Mr Lean	
556-4 Seminar in Educational Supervision					
1	† 7:30-8:45	MTuWTh	Wham 326	Mr Bracewell	
563-4 Workshop in School Public Relations					
1	† 10:20-11:35	MTuWTh	Wham 137	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

† June 15-August 6

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
Summer	Time			
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 Education)	1	† To be arranged	staff
576a-4	Readings in Administration and Supervision	1	† To be arranged	staff
591-4	Seminar in Social and Philosophical Foundations	1	† 8:55-10:10 MTuWTh	Wham 231 Mr Jordan
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 Philosophy

ELEMENTARY EDUCATION (EL ED)

314-4	Elementary School Methods	1	8:00-8:50	MTuWTh	Wham 203	Mr Brod
		2	† 7:30-8:45	MTuWTh	Wham 210	Mr Engel
337-4	Reading in the Elementary School	1	9:00-9:50	MTuWTh	Wham 203	Mr Brod
		2	† 10:20-11:35	MTuWTh	Wham 203	Mr Brod
350b-4 to 16	Kindergarten-Primary Student Teaching	1	To be arranged			staff
351b-4 to 16	Elementary Student Teaching	1	To be arranged in General			staff
		2	To be arranged in Art			staff
		3	To be arranged in EMH			staff
		4	To be arranged in Music			staff
		5	To be arranged in Physical Education			staff
		6	To be arranged in Physically Handicapped			staff
		7	To be arranged in Speech Correction			staff
402-4 ¹	Aero-Space Education Workshop (August 10-21)	1	8:55-11:35	MTuWThF	Wham 202	Mr Collins and
			1:10-3:50	MTuWThF	Wham 202	Mr Samford
413-4	Children's Literature	1	† 1:10-2:25	MTuWTh	Wham 208	Miss Baker
415-4	Improvement of Instruction in Arithmetic in the Elementary School	1	† 10:20-11:35	MTuWTh	Wham 208	Mrs Carter
	(June 29-July 24)	2	1:10-3:50	MTuWThF	Wham 202	Mrs Carter
430-3	Workshop in Creative Writing in the Elementary School (June 15-26)	1	8:55-11:35	MTuWThF	Wham 202	Miss Applegate
			1:00-3:00	MTuWThF	Wham 202	Miss Applegate
433-4	Workshop in Kindergarten-Primary Education (June 29-July 24)	1	8:55-11:35	MTuWThF	Wham 202	Miss Baker

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
435-4 ²	Workshop in Elementary School Foreign Language Instruction (June 15-July 10)				
1	8:00-12:00	MTuWThF	Wh 214	Miss Peacock	
437-4	Problems in Reading				Student Teaching
1	† 8:55-10:10	MTuWTh	Wham 210	Mr Ragsdale	
442-4	Science for the Elementary Teacher				314
1	† 7:30-8:45	MTuWTh	USch 304	Mr Brown	
2	† 8:55-10:10	MTuWTh	USch 304	Mr Engel	
T-490-2	Workshop: Economic Education in Elementary Schools (August 3-7)				
T1	8:55-11:35	MTuWThF	Wham 202	Mr Senesh	
	1:10-3:50	MTuWThF	Wham 202	Mr Senesh	
505-4 ¹	Improvement of Reading Instruction				
1	† 8:55-10:10	MTuWTh	Wham 144	Mr Karlin	
507-1 to 4 ¹	Readings in Reading				Mr Karlin
1	† To be arranged				
515-4	Special Problems in the Teaching of Arithmetic in the Elementary School				
1	† 8:55-10:10	MTuWTh	Wham 208	Mr Lerch	
518-2 ¹	Supervision of Student Teachers (June 15-July 10)				
1	10:20-11:35	MTuWTh	Wham 303	Mr Smith	
541-4	Selected Teaching and Current Problems in Elementary School Science				
1	† 10:20-11:35	MTuWTh	USch 304	Mr Brown	
542-4	Language Arts in the Elementary School				
1	† 10:20-11:35	MTuWTh	Wham 210	Mr Ragsdale	
543-4	Teaching Social Studies in the Elementary School				
1	† 7:30-8:45	MTuWTh	Wham 206	Mr Randolph	
557-4	Elementary Principalship				
1	† 1:10-2:25	MTuWTh	Wham 210	Mr Bradfield	
558-2	Leadership in Elementary Education (June 29-July 3)				
1	8:55-11:35	MTuWThF	Wham 212	Mr Hicks	
	1:10-3:50	MTuWThF	Wham 212	Mr Hicks	
561-4	Elementary School Curriculum				
1	† 8:55-10:10	MTuWTh	Wham 206	Mr Lee	
575a-2 to 4	Individual Research (Curriculum)				Mr Lee
1	To be arranged				
575b-2 to 4	Individual Research (Supervision)				staff
1	To be arranged				
575c-2 to 4	Individual Research (Language Arts)				Mr Ragsdale
1	To be arranged				
575d-2 to 4	Individual Research (Science)				Mr Brown
1	To be arranged				
575e-2 to 4	Individual Research (Reading)				staff
1	To be arranged				
575f-2 to 4	Individual Research (Social Studies)				Mr Randolph
1	To be arranged				
575g-2 to 4	Individual Research (Problems in Elementary Education)				staff
1	To be arranged				
575h-2 to 4	Individual Research (Arithmetic)				Mrs Carter
1	To be arranged				
575j-2 to 4	Individual Research (Problems in Kindergarten-Primary)				Miss Baker
1	To be arranged				
575k-2 to 4	Individual Research (Elementary Administration)				staff
1	To be arranged				
596-5 to 9	Independent Investigation				staff
1	To be arranged				
597-1 to 3	Thesis				staff
1	To be arranged				
598-1 to 3	Thesis				staff
1	To be arranged				

† June 15-August 6

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
Summer	Time			
599-1 to 3	Thesis			
	1	To be arranged		staff
600-1 to 36	Dissertation			
	1	To be arranged		staff

¹ Cross-listed with Secondary Education, ² Cross-listed with Foreign Language

ENGINEERING (ENGR)

260a-3 ¹	Analytical Mechanics					Math 150a
	1	8:00-8:50	M	W	F	T26 R110 Mr Moeller
260b-3 ¹						260a
	1	9:00-9:50	M	W	F	T26 R110 staff
260c-3 ¹						260b
	1	10:00-10:50	M	W	F	Ag 146 staff
300a-3 ¹	Thermodynamics					Math 150a
	1	11:00-11:50	M	W	F	Ag 146 staff
311a-3 ¹	Engineering Materials					260c
	1	8:00-8:50	M	W		EL 120 Mr Paulson
		2:00-4:50		W		EL 120 Mr Paulson
361-4 ¹	Engineering Economics					Junior standing
	1	9:00-9:50	MTuWTh			Ag 146 Mr Howe
412a-3	Engineering Practice					361
	1	To be arranged				staff
517a-4	Analysis and Design of Engineering Systems					
	1	To be arranged				Mr Crosby

¹ Cross-listed with Engineering Technology

ENGINEERING TECHNOLOGY (E T)

101a-3	Graphics					
	1	10:00-11:50	M	W	F	T26 R114 Mr Klopp
101b-3						
	1	1:00-2:50	M	W	F	T26 R114 Mr Klopp
101c-3						
	1	1:00-2:50	M	W	F	T26 R114 staff
204a-3	Electrical Circuits					Math 252a
	1	1:00-1:50	M	W		EL 110 Mr Johnson
		2:00-4:50	M			EL 110 Mr Johnson
260a-3 ¹	Analytical Mechanics					Math 150a
	1	8:00-8:50	M	W	F	T26 R110 Mr Moeller
260b-3 ¹						260a
	1	9:00-9:50	M	W	F	T26 R110 staff
260c-3 ¹						260b
	1	10:00-10:50	M	W	F	Ag 146 staff
263a-3	Surveying					Math 111c or GSD 114c
	1	1:00-1:50	Tu	Th		EL 120 Mr Moeller
		2:00-4:50	Tu	Th		EL 120 Mr Moeller
300a-3 ¹	Thermodynamics					Math 150a
	1	11:00-11:50	M	W	F	Ag 146 staff
311a-3 ¹	Engineering Materials					260c
	1	8:00-8:50	M	W		EL 120 Mr Paulson
		2:00-4:50		W		EL 120 Mr Paulson
361-4 ¹	Engineering Economics					Junior standing
	1	9:00-9:50	MTuWTh			Ag 146 Mr Howe

¹ Cross-listed with Engineering

ENGLISH (ENG)

100-0	English Composition: Grammar and Usage					
-------	--	--	--	--	--	--

Course No. & Hours	— Descriptive Title	Time	Days	Bldg & Room	Prerequisite Instructor
--------------------	---------------------	------	------	-------------	-------------------------

(See General Studies Area D for schedule)

300-4	Principles of Grammar				
	1	8:00–8:50	MTu ThF	HEc 202	staff
	2	1:00–1:50	MTu ThF	HEc 102	staff
302a-4	English Literature (To 1550)				
	1	11:00–11:50	MTu ThF	HEc 102	staff
302b-4	English Literature (1550-1750)				
	1	10:00–10:50	MTu ThF	HEc 102	staff
302c-4	English Literature (after 1750)				
	1	12:00–12:50	MTu ThF	HEc 102	staff
309a-4	American Literature (To 1860)				
	1	9:00–9:50	MTu ThF	HEc 202	staff
	2	4:00–4:50	MTu ThF	HEc 202	staff
309b-4	American Literature (since 1860)				
	1	8:00–8:50	MTu ThF	HEc 104	staff
390-3	Advanced Composition				
	1	12:00–12:50	MTu Th	HEc 202	staff
391-3	Usage in English				
	1	9:00–9:50	M W F	Wham 307	staff
	2	11:00–11:50	M W F	HEc 202	staff
	3	1:00–1:50	M W F	Wham 307	staff
	4	2:00–2:50	M W F	HEc 104	staff
	5	3:00–3:50	M W F	HEc 118	staff
	6	7:00–8:25 P.M.	M W	HEc 104	staff
403-4	History of English Language				
	1	6:00–7:50 P.M.	M W	HEc 102	Mrs Krappe
421b-4	English Poetry (Later Romantics)				
	1	4:00–4:50	MTu ThF	HEc 102	Mr Camp
454a-4	English Fiction (Eighteenth Century Novel)				
	1	8:00–8:50	MTu ThF	HEc 102	Mr Coleman
454b-4	English Fiction (Victorian Novel)				
	1	9:00–9:50	MTu ThF	HEc 102	Mr Partlow
458b-4	American Fiction (Contemporary American)				
	1	3:00–3:50	MTu ThF	HEc 102	Mr Pickett
468-4	American Drama				
	1	10:00–10:50	MTuW F	HEc 202	Mr Faner
499-2 to 4	Readings in English				Consent of department staff
	1	To be arranged			
500-2	Methods and Materials of Research in English				
	1	12:00–12:50	Tu Th	Wham 205	staff
511-4	Studies in the Renaissance: Studies in the 16th Century Sonnet				
	1	2:00–2:50	MTu ThF	Wham 321	Mr Staton
519-4	Studies in Contemporary British Literature: Post World War II British Novels				
	1	3:00–4:50	Tu Th	HEc 104	Mr Harkness
521-4	Studies in Victorian Poetry				
	1	11:00–11:50	MTu ThF	HEc 104	Mr Schneider
534-4	Studies in Early 19th Century American Writers: Hawthorne				
	1	1:00–1:50	MTu ThF	HEc 104	Mr Stibitz
598a-1 to 3	Independent Review of English and American Literature				
	1	To be arranged			staff
598b-1 to 3					
	1	To be arranged			staff
598c-1 to 3					
	1	To be arranged			staff
599-2 to 9	Thesis				
	1	To be arranged			staff
600-1 to 16	Dissertation				
	1	To be arranged			staff

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite Instructor

FOOD and NUTRITION (F & N)

105-4	Foods	1	8:00-8:50	M	W	HEc 212	Miss Becker
			8:00-9:50	Tu	Th	HEc 212	Miss Becker
247a-2	Workshop: School Lunch Program (June 15-19)	1	9:00-4:00	MTuWThF		HEc 101	Miss Becker
321-3	Food Demonstration	1	8:00-10:50	Tu	Th	HEc 101	Mrs Crouse
371-6	Field Experience	1	To be arranged				staff
556-4	Advanced Experimental Foods	1	† 8:55-11:35	Tu	F	HEc 204	Mrs Harper
			8:55-10:10	M	Th	HEc 204	Mrs Harper
572-2 to 4	Special Problems	1	To be arranged				Mrs Harper
580-4	Workshop: Recent Developments in Food and Nutrition (June 29-July 24)	1	1:10-3:50	MTu	ThF	HEc 214	staff
599-2 to 4	Thesis	1	† To be arranged				Mrs Harper

FOREIGN LANGUAGES

Foreign Language (FL)

435-4 ¹	Workshop in Elementary School Foreign Language Instruction (June 15-July 10)	1	8:00-12:00	MTuWThF	Wh 214	Miss Peacock
--------------------	--	---	------------	---------	--------	--------------

Chinese (Chin)

120a-1, 120b-1, 120c-1	Chinese Conversation					
------------------------	----------------------	--	--	--	--	--

(See General Studies Area D for schedule)

French (Fr)

161-0	French for Graduate Students	T1	2:00-2:50	MTu	Th	Wh 207	Mr Ulner
-------	------------------------------	----	-----------	-----	----	--------	----------

German (Ger)

161-0	German for Graduate Students	1	10:00-10:50	M	W	F	Wh 107	Mr Swick
544-9 ²	NDEA German Summer Institute for Teachers of German	1	† 7:40-12:25	MTuWThF			Wh 1	Mr Liedloff
			2:00-5:05	MTuWThF			Wh 1	Mr Liedloff

Russian (Russ)

161-0	Russian for Graduate Students	T1	1:00-1:50	MTu	Th	Wh 212	Mr Kupcek
-------	-------------------------------	----	-----------	-----	----	--------	-----------

Spanish (Span)

161-0	Spanish for Graduate Students	T1	1:00-1:50	MTu	Th	Wh 207	Mr Ulner	
311a-3	Survey of Spanish Literature	1	8:00-8:50	M	W	F	Wh 212	Mr Davis
360-3 ³	Travel-Study Course in Mexico	1	To be arranged			Mexico	Mr LaFontaine	
445-4	Cervantes	1	1:00-1:50	MTu	ThF	Wh 214	Mr Davis	

¹ Cross-listed with Elementary Education, ² Cross-listed with Secondary Education

³ Additional hours may be earned at the University of the Americas.

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
	Summer Time			

FORESTRY (FOR)

104-3	Introduction to Forestry				
1	8:00-8:50	M W	Ag 168	Mr Hosley	
	8:00-9:50	Tu	Ag 168	Mr Hosley	
390-1 to 6	Special Problems in Forestry				
1	To be arranged			staff	
520a-1 to 6	Readings in Forestry				
1	To be arranged			staff	
520b-1 to 6	Readings in Resource Economics				
1	To be arranged			staff	
575-1 to 6	Research				
1	To be arranged			staff	
599-2 to 9	Thesis				
1	To be arranged			staff	

GEOGRAPHY (GEOG)

250-4	Introduction to Cultural Geography		GSB 101a, Geog 100 or 300		
1	11:00-11:50	MTuW F	Ag 144	staff	
300-4	Cultural Geography				
1	9:00-9:50	MTu ThF	Ag 154	staff	
301-3	Introduction to Geographic Methods		201, 210, 250		
1	9:00-9:50	M W F	Ag 150	staff	
310-4	Meteorology		GSB 101a, Geog 100, or 300		
1	10:00-10:50	MTuW F	Ag 144	Mr Cunningham	
313-3	Geography of Illinois		GSB 101a, Geog 100 or 300		
1	8:00-8:50	M W F	Ag 144	Mr Cunningham	
314-4	Geography of Anglo America		GSB 101a, Geog 100 or 300		
T1	10:00-10:50	MTu ThF	Ag 154	staff	
324-4	Conservation and Restoration of Natural Resources		GSB 101a, Geog 100 or 300		
1	9:00-9:50	MTuW F	Ag 144	Miss Shank	
401-3	Geography of Southeast Asia		GSB 101a, Geog 100 or 300		
T1	11:00-11:50	MTu Th	Ag 150	staff	
402-4	Geography of The Soviet Union		GSB 101a, Geog 100 or 300		
1	9:00-9:50	MTu ThF	Ag 148	staff	
416-4	Cartography		GSB 101a, Geog 100 or 300		
T1	1:00-2:50	Tu Th	T173	staff	
440-2 to 4	Readings for Majors		Consent of department		
1	To be arranged			staff	
480-4	Workshop in the Teaching of Geography (June 15-26)		GSB 101a, Geog 100 or 300		
1	8:55-11:35	MTuWThF	Ag 214	Miss Krause	
	1:10-3:50	MTuWThF	Ag 214	Miss Krause	
515-4	Geography Field Course (September 7-19)		Consent of department		
1	To be arranged			Mr Schmudde and Mr Thomas	
520-4	Seminar: Physical Geography		Consent of department		
1	1:00-2:50	M W	Ag 150	staff	
530-2 to 4	Independent Study in Geography		Consent of department		
1	To be arranged			staff	
599-2 to 4	Thesis		Consent of department		
1	To be arranged			staff	

GEOLOGY (GEOL)

440-1 to 4	Independent Study		Consent of chairman		
1	To be arranged			staff	

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
450-9	Field Geology (June 15-July 24)				221, 302
	1	8:00-12:00	MTuWThF	LG	Mr Amos
		1:00-5:00	MTuWThF	LG	Mr Amos
540-3	Advanced Studies (General Geology)				221
	1	8:00-9:50	Tu Th	Ag 170	staff
541-1 to 4	Research				
	1	To be arranged			staff
599-2 to 9	Thesis				
	1	To be arranged			staff

GOVERNMENT (GOVT)

231-5	American National Government				
	1	9:00-9:50	MTuWThF	M 201	Mr Frier
232-5	State and Local Government				
	1	8:00-8:50	MTuWThF	M 201	staff
300-4	American Government				
	1	11:00-11:50	MTu ThF	M 102A	Mr Sappenfield
	2	12:00-12:50	TuWThF	M 102A	Mr Sappenfield
321-1 to 6	Readings in Government				Consent of department
	1	To be arranged			Mr Alexander
330-2	Illinois Government			232 or consent of department	
	1	10:00-10:50	Tu Th	M 201	Mr Alexander
380-3	Political Parties			GSB 211b and 211c or Govt 231	
	1	11:00-11:50	M W F	M 201	Mr Roberds
GSB 385-3 ¹	Contemporary Political Isms			211b and 211c or consent of department	
	1	9:00-9:50	M W F	M 203B	Mr Kamarasy
390-5	Principles of Comparative and Foreign Government			GSB 211b and 211c or consent of department	
	1	12:00-12:50	MTuWThF	HEc 208	Mr Hardenbergh
406-4	The American Chief Executive				231 and 232
	1	9:00-9:50	MTu ThF	M 102A	Mr Alexander
455-4	Major Governments of Western and Central Europe			390 or consent of department	
	1	8:00-8:50	MTu ThF	M 102A	Mr Kamarasy
457-4	Government and Politics in the Near and Middle East			390 or consent of department	
	1	1:00-1:50	MTuW F	M 102A	Mr Abbass
458-4	Government and Politics of Southeast Asia			390 or consent of department	
	1	2:00-3:50	Tu Th	M 201	Mr Jacobini
467-4	Municipal Government and Administration				232
	T1	12:00-12:50	MTuWTh	M 203B	Mr Guild
472-4	International Government			GSB 303 or consent of department	
	1	11:00-11:50	MTuW F	M 203B	Mr Abbass
478-4	International Politics			GSB 303 or consent of department	
	1	10:00-10:50	MTu ThF	M 102a	Mr Landecker
501-3	Seminar: Contemporary Legislation			340 or consent of department	
	1	6:30-9:00 P.M.	Tu	M 202	Mr Alexander
505-3	Seminar: Political Parties			380 or consent of department	
	1	2:00-3:30	M W	M 202	Mr Roberds
521-1 to 6	Readings in Government				Consent of department
	1	To be arranged			Mr Alexander
530-4 to 12	Internship in Public Affairs				Consent of department
	1	To be arranged			staff
595-2 to 12	Individual Research				Consent of department
	1	To be arranged			staff
599-2 to 9	Thesis				Consent of department
	1	To be arranged			staff
600-2 to 12	Dissertation				Consent of department
	1	To be arranged			staff

¹ General Studies Course listed for the convenience of government students

Course No. & Hours	— Descriptive Title	Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
--------------------	---------------------	--------	------------	------	-------------	-------------------------

GUIDANCE (GUID)

305-4	Educational Psychology					Psyc 201
	1	9:00-9:50		TuWThF	Wham 105	Miss Parks
422a-4	Educational Measurement and Statistics					305
	1	11:00-11:50		TuWThF	Wham 105	Miss Parks
422b-4						305
	1	† 10:20-11:35		MTuW F	Wham 302	Mr Fitzpatrick
422c-4						422a, 422b
	1	† 10:20-11:35		M WThF	Wham 228	Mr Dizney
442-4	Basic Principles of Guidance					
	1	† 7:30-8:45		MTuWTh	Wham 228	Mr Phelps
481-6	Seminar on a Selected Topic: Placement Counselor Training Program for the Blind (June 7-July 10)					Consent of department
	1	To be arranged				Mr Viececi
481-4	Seminar on a Selected Topic: Institute for Rehabilitation Personnel (August 17-28)					Consent of department
	2	To be arranged				Mr Renzaglia
501-2 to 6	Special Research Problems					Consent of department
	1	† To be arranged				staff
511-4	Educational Implications of Learning Theory					Advanced standing
	1	† 11:45-1:00		TuWThF	Wham 212	Mr Edwards
515-4	Psychological Aspects of Education					Advanced standing
	1	† 8:55-10:10		TuWThF	Wham 228	Mr Edwards
520a-4	Educational Statistics and Experimental Design					422b
	1	† 11:45-1:00		MTu ThF	Wham 228	Mr Fitzpatrick
525-4	School Behavior Problems and Their Prevention					Advanced standing
	1	† 11:45-1:00		MTuW F	Wham 203	Mrs Parker
536a-4	Individual Measurement and Appraisal (Children)					422c
	1	† 1:10-3:50		M W	Wham 229	Mrs Parker
536b-4	Individual Measurement and Appraisal (Adolescents)					422c
	1	† To be arranged			Wham 229	Mr Carcena
537a-4	Counseling Theory and Practice					Advanced standing
	1	† 1:10-3:50		M W	Wham 303	Mr Meek
537b-4						537a
	1	† 1:10-3:50		Tu Th	Wham 229	Mr Meek
541-4 ¹	Occupational Information and Guidance					442
	1	† 11:45-1:00		MTuWTh	Wham 202	Mr Ramp
545b-4	Seminar: Learning and Communication					Advanced standing
	1	† 2:35-3:50		MTuWTh	Wham 231	Mr Kibler
545e-4	Seminar: Test Analysis					422c
	1	† 1:10-2:25		M WThF	Wham 231	Mr Dizney
545j-4	Seminar: Organization and Administration					442
	1	† 10:20-11:35		MTuWTh	Wham 229	Mr Phelps
562a-4	Human Development in Education (Child)					Advanced standing
	1	† 7:30-8:45		MTu ThF	Wham 208	Mr Skinner
562b-4	Human Development in Education (Adolescent)					Advanced standing
	1	† 10:20-11:35		MTu ThF	Wham 206	Mr Skinner
573-2	Selection, Placement, and Follow Up					Consent of department
	1	† To be arranged				Mr Viececi
575a-3	Practicum in Counseling					Consent of department
	1	† To be arranged				Mr Doleys
575b-1 to 12	Practicum in Elementary Guidance					Consent of department
	1	† To be arranged				Mr Donnelly
581c-1 to 12	Internship in Secondary Guidance					Consent of department
	1	To be arranged				Mr Donnelly

† June 15-August 6

Course No. & Hours	Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
596-3 to 9	Independent Investigation	1	To be arranged			Consent of department staff
599-2 to 9	Thesis	1	† To be arranged			Advanced standing staff
600-3 to 48	Dissertation	1	† To be arranged			Advanced standing staff

¹ Cross-listed with Industrial Education

HEALTH EDUCATION (H ED)

205-4	Principles and Foundations of Health Education	1	8:00-8:50	M WThF	M 214	Mr C Richardson
302S-4	Driver Education and Training	1	8:00-8:50	MTuWTh	M 311	Illinois Driver's license Mr Bridges
334S-4	First Aid	1	8:00-8:50	TuWThF	M 301	Mr J Richardson
		2	12:00-12:50	MTu ThF	M 214	Mr Bridges
350-4	Methods and Materials in Elementary School Health Education	1	8:00-8:50	MTuWTh	M 215	Mr Casey
		2	12:00-12:50	TuWThF	HEc 206	Miss Phillips
460-4	Methods and Materials in Secondary School Health Education	1	† 7:30-8:45	MTuW F	M 102	Mr Vaughan
461-4 to 6	Workshop in Health Education (June 15-July 10)	1	1:10-4:30	MTuWThF	M 102	Mr Grissom
462-4	Workshop in Health Education (June 15-July 10)	1	1:10-4:30	MTuWThF	M 102	Mr Grissom
463-4	Workshop in Health Education (June 15-July 10)	1	1:10-4:30	MTuWThF	M 102	Mr Grissom
471-4	Organization and Administration of School Health Programs	1	† 11:45-1:00	MTuW F	Wham 319	Mr Vaughan
475S-3	Traffic Law Enforcement and Planning	1	† 11:45-1:00	MTu Th	Gym 204	Mr Aaron
480S-4	Workshop in Safety Education (July 13-August 6)	1	1:10-4:00	MTuWThF	M 102	Mr Bridges and Mr Aaron
490-4 to 6	Field Work in School and Community Health	1	† To be arranged			Mr Grissom
511-5	Practicum in Health Education Workshop (June 15-July 10)	1	10:00-11:00	MTuWThF	M 214	Mr Grissom
			1:10-4:30	MTuWThF	M 214	Mr Grissom
520-4	Special Projects in Health Education	1	† To be arranged			Mr Boydston
530S-4	Problems and Research in Accident Prevention	1	† 10:20-11:35	MTuWTh	M 102	Mr Aaron
533c-4	Human Conservation	1	† 8:55-10:10	MTuWTh	M 102	Mr C Richardson
597-1	Seminar in Health Education	1	To be arranged			staff
600-3 to 16	Dissertation	1	To be arranged			staff

HIGHER EDUCATION (HI ED)

410-4	Higher Education in the United States	1	† 7:30-8:45	MTuWTh	Wham 229	staff
521y-2	Seminar in Higher Education: The Technical Institute	1	† To be arranged			Mr Simon
522a-1 to 6	Readings in Higher Education—College Teaching	1	† To be arranged			Mr Hand

Course No. & Hours	Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
522b-1 to 6	Readings in Higher Education—College Student Personnel	1	† To be arranged			staff
522c-1 to 6	Readings in Higher Education—College Administration	1	† To be arranged			Mr Hand
523a-1 to 12	Internship in Higher Education—College Teaching	1	† To be arranged			Mr Hand
523b-1 to 12	Internship in Higher Education—College Student Personnel	1	† To be arranged			staff
523c-1 to 12	Internship in Higher Education—College Administration	1	† To be arranged			Mr Hand
524a-2 to 6	Special Problems in Higher Education—College Teaching	1	† To be arranged			Mr Hand
524b-2 to 6	Special Problems—College Student Personnel	1	† To be arranged			staff
524c-2 to 6	Special Problems—College Administration	1	† To be arranged			Mr Hand
576-4	Administrative Practices in Higher Education	1	† 8:55–10:10	MTuWTh	Wham 229	Mr Hand

HISTORY (HIST)

201a-3	History of the United States (to 1815)	1	8:00–8:50	Tu Th	Browne	Mr Adams and Miss Fladeland
			8:00–8:50	F	M 206	staff
		2	8:00–8:50	Tu Th	Browne	Mr Adams and Miss Fladeland
			8:00–8:50	M	M 207	staff
		3	8:00–8:50	Tu Th	Browne	Mr Adams and Miss Fladeland
			8:00–8:50	M	M 206	staff
		T4	8:00–8:50	Tu Th	Browne	Mr Adams and Miss Fladeland
			8:00–8:50	F	M 207	staff
201b-3	History of the United States (1815-1898)	1	12:00–12:50	M W	Browne	Mr Allen
			12:00–12:50	Th	M 209	staff
		2	12:00–12:50	M W	Browne	Mr Allen
			12:00–12:50	Th	M 206	staff
		3	12:00–12:50	M W	Browne	Mr Allen
			12:00–12:50	F	M 209	staff
		T4	12:00–12:50	M W	Browne	Mr Allen
			12:00–12:50	F	M 206	staff
367C-3	History of the Far East (Since 1945)	1	9:00–9:50	M W F	M 209	Mr Kuo
372b-3	History of Russia (Since 1905)	1	3:00–3:50	M W F	HEc 208	Mr O'Day
410-3 to 5	Special Readings in History	1	To be arranged			Consent of department staff
411b-3	Social and Intellectual History of the United States (1830-1900)	1	11:00–11:50	M W F	M 209	Mr Adams and Miss Fladeland
435c-3	Recent History of the United States (Since 1928)	1	10:00–10:50	M W F	M 209	Mr Allen
442c-3	History of the West (Trans-Mississippi)	1	9:00–9:50	M W F	M 107	Mr Briggs
449-3	Development of Afro-Asian Nationalism	1	8:00–8:50	M W F	M 209	Mr Kuo

† June 15–August 6

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
452-3	Historical Research and Thesis Writing				history major
1	12:00-12:50	M W F	M 107	Mr Briggs	
460b-3	Social and Intellectual History of the Middle Ages (1000-1250)				
1	10:00-10:50	MTu Th	M 206	Mr Shelby	
471b-3	History of Mexico (20th Century)				
T1	1:00-1:50	M W F	M 209	Mr Gardiner	
500-3	History Seminar				
1	2:00-3:25	Tu Th	HEc 208	Mr Allen	
510-2 to 5	Readings in History				Consent of department
1	To be arranged				staff
599-3 to 9	Thesis				
1	To be arranged				staff

HOME and FAMILY (H & F)

227-3	Family Living				GSB 201b
1	9:00-9:50	MTu Th	HEc 120	Mr Carpenter	
300-3	Home Economics for Men				
1	11:00-11:50	M W F	HEc 118	Mrs Kraft	
332-4	Home Management Residence			227, 331 and F&N 335	
1	To be arranged		HEc Apt	staff	
341-4	Consumer Problems				
1	1:00-1:50	MTuWTh	HEc 118	Mrs Kraft	
407-2	Workshop: Problems in Teaching Family Life (July 13-24)				
1	1:10-3:50	MTuWThF	HEc 120	Mr Carpenter	
481-2 to 4	Readings				Consent of department
1				Miss Johnston and Mr Carpenter	
550-4	Advanced Home Management (June 29-July 24)				331, 332
1	8:55-11:35	MTu ThF	HEc 5	Miss Johnston	
566-4	Interpersonal Relations Within the Family				
1	† 11:45-1:10	MTu ThF	HEc 120	Mr Carpenter	
572-2 to 4	Special Problems				Consent of department
1	To be arranged			Miss Johnston and Mr Carpenter	
599-2 to 5	Thesis				Consent of department
1	To be arranged			Miss Johnston and Mr Carpenter	

HOME ECONOMICS EDUCATION (HE ED)

309-5	Methods and Philosophy of Teaching				
1	12:00-12:50	MTuWThF	HEc 122	Mrs Morgan	
415-1	Introduction to Graduate Study				
1	† 7:30-8:45	W	HEc 120	Miss Fults	
481-2 to 4	Readings				
1	† To be arranged			staff	
500-4	Research Methods				Guid 422a or 422b
1	† 7:30-8:45	MTu ThF	HEc 120	Miss Fults	
507-3	Workshop: Emphasis on Curriculum (June 15-26)				
1	9:00-4:00	MTuWThF	HEc 133	Miss Walsh	
507-4	Workshop: Emphasis on Wage-Earning Training in Home Economics According to New Vocational Act (June 29-July 24)				
2	8:55-11:35	MTu ThF	HEc 133	Miss Walsh	
515-4	Trends in Home Economics Education (June 15-July 10)				
1	1:10-3:50	MTu ThF	HEc 120	Miss Keenan	
572-2 to 4	Special Problems				
1	† To be arranged			staff	
599-2 to 5	Thesis				
1	† To be arranged			staff	
600-3 to 15	Dissertation				
1	† To be arranged			staff	

Course No. & Hours	— Descriptive Title	Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
--------------------	---------------------	--------	------------	------	-------------	-------------------------

INDUSTRIAL EDUCATION (I ED)

302-4	Construction Methods for Primary Teachers					
	1	8:00-9:50	MTuWTh	T25 R110	Mr Bunt	staff
	2	12:00-1:50	MTuWTh	T25 R110		
303-4	Diversified Crafts for Teachers and Recreational Leaders					
	1	10:00-11:50	MTuWTh	USch R105	staff	
	2	2:00-3:50	MTuWTh	USch R105	staff	
319-3	Industrial Internship					
	1	To be arranged			staff	
320a-4 ¹	Industrial Crafts					
	1	10:00-11:50	MTuWTh	T25 R110	staff	
322a-3 ¹	Machining of Metals					
	1	8:00-9:50	TuWTh	T25 R109	staff	
343a-3 ¹	Electricity—Electronics					
	1	6:30-9:15 P.M.	M W	T25 R106	staff	
430-2 to 6	Special Problems in Industry and Technology				Consent of instructor	
	1	† To be arranged			Mr Johnson	
435-6 to 12	Manual Arts Internship				Consent of instructor	
	1	† To be arranged			Mr Johnson	
465a-3 ¹	Industrial Safety					
	1	† 1:10-2:25	MTuW	Wham 326	Mr Johnson	
485-3	Principles and Philosophy of Industrial, Vocational and Technical Education					
	1	† 7:30-8:45	TuWTh	Wham 321	Mr Simon	
487-3	Layout and Planning of Technical Facilities					
	1	† 10:20-11:35	MTuW	T26 R110	Mr Pollock	
491b-3	Principles of Industrial Teaching					
	1	† 8:55-10:10	M WTh	Wham 317	staff	
496-3	Selection and Organization of Subject Matter					
	1	† 11:45-1:00	TuWTh	Wham 317	staff	
504-4	History of Vocational and Industrial Education					
	1	† 2:35-3:50	MTuWTh	Wham 317	staff	
505-4	Administration and Supervision of Industrial Education					
	1	† 1:10-2:50	MTuWTh	Wham 319	Mr Gallington	
540-4	Research in Technological Education					
	1	† 8:55-10:10	M W	Ag 170	Mr Erickson	
		8:55-10:10	Tu Th	Ag 150	Mr Erickson	
541-4 ²	Occupational Information and Guidance					
	1	† 11:45-1:00	MTuWTh	Wham 202	Mr Ramp	
560-2 ³	New Developments in Technological Education					
	New Approaches to Industrial Arts (June 16-25)					
	1	10:20-11:35	TuWThF	Wham 317	Mr Swanson	
		1:10-2:25	MTuWTh	Wham 317	Mr Swanson	
	Federal Legislation and Evolving Programs of Vocational Education (June 30-July 9)					
	2	10:20-11:35	TuWThF	Wham 317	Mr Mobley	
		1:10-2:25	MTuWTh	Wham 317	Mr Mobley	
	Improving Instruction Through Modern Technological Devices (July 14-23)					
	3	10:20-11:35	TuWThF	Wham 317	Mr Kokusek	
		1:10-2:25	MTuWTh	Wham 317	Mr Kokusek	
	Adult Vocational Education (July 28-August 6)					
	4	10:20-11:35	TuWThF	Wham 317	Mr Brown	
		1:10-2:25	MTuWTh	Wham 317	Mr Brown	
570-2 to 6	Special Investigations in Industrial Education				Consent of Instructor	
	1	† To be arranged			staff	

¹ Cross-listed with Industrial Technology, ² Cross-listed with Guidance³ Cross-listed with Secondary Education

† June 15-August 6

Course No. & Hours	Descriptive Title	Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
--------------------	-------------------	--------	------------	------	-------------	-------------------------

INDUSTRIAL TECHNOLOGY (I T)

216a-3	Materials and Processes of Industrial Coverings	1	6:30-9:15 P.M.	M W	T25 R102	Mr Pollock
305a-3	Technical Illustration	1	3:00-4:50	MTu Th	Ag 195	235a staff
320a-4 ¹	Industrial Crafts	1	10:00-11:50	MTuWTh	T25 R110	staff
322a-3 ¹	Machining of Metals	1	8:00-9:50	TuWTh	T25 R109	staff
325a-3	Precision Forming and Shaping of Metals	1	8:00-9:50	TuWTh	T25 R109	Mr Schroeder
342a-3	Protective and Decorative Coatings	1	12:00-1:50	MTuW	T25 R102	Mr Schroeder
343a-3 ¹	Electricity—Electronics	1	6:30-9:15 P.M.	M W	T25 R106	staff
345a-3	Industrial Electronics	1	8:00-9:50	M WTh	T25 R106	Mr Harmon
465a-3 ¹	Industrial Safety	1	† 1:10-2:25	MTuW	Wham 326	Mr Johnson

¹ Cross-listed with Industrial Education**INSTRUCTIONAL MATERIALS (I M)**

306-4	School Library as Information Center	1	8:00-8:50	MTuWTh	Lib 112	Miss Behymer
308-4	School Library Technical Processes	1	9:00-9:50	MTuWTh	Lib 112	Miss Behymer
403-4	School Library Function and Management	1	† 11:45-1:00	MTuWTh	Wham 329	Miss Behymer
405-4	Library Materials for Children	1	† 10:20-11:35	MTuWTh	Lib 112	Miss Cox
417-4	Audio-Visual Methods in Education	1	† 7:30-8:45	MTuWTh	Wham 327	Mr Rust
		2	† 8:55-10:10	MTuWTh	Wham 327	Mr Butts
		3	† 10:20-11:35	MTuWTh	Wham 327	Mr Cottingham
		4	† 11:45-1:00	MTuWTh	Wham 327	Mr Kilpatrick
		5	† 1:10-2:25	MTuWTh	Wham 327	Mr Eide
		6	† 2:35-3:50	MTuWTh	Wham 327	staff
		T7	† 7:30-8:45	MTuWTh	Wham 319	staff
		T8	† 8:55-10:10	MTuWTh	Wham 319	staff
		T9	† 10:20-11:35	MTuWTh	Wham 319	staff
		T10	† 11:45-1:00	MTuWTh	Wham 328	staff
420-4	School Library Activities and Practices	1	† 7:30-8:45	MTuWTh	Wham 329	Miss Cox
445-4	Preparation of Teacher-Made Audio-Visual Materials (June 15-July 10)	1	7:30-10:10	MTuWThF	T169	Mr Wendt
450-2	Classroom Teaching With Television (August 10-14)	1	8:55-11:35	MTuWThF	Lib 112	staff
			1:10-3:50	MTuWThF	Lib 112	staff
470-4	Programming Automated Instruction	1	† 8:55-10:10	MTuWTh	Wham 329	Mr Rust
510-4	Mass Communications in Education	1	† 1:10-2:25	MTuWTh	Wham 329	Mr Butts
548-4	Supervision and Administration of an Audio-Visual Program	1	† 7:30-8:45	MTuWTh	Lib AV Office	Mr Ingli

Course No. & Hours	Descriptive Title Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
576-2 to 8	Problems in Instructional Materials				
	1	To be arranged		Wham 323	Mr Wendt
599-5 to 9	Thesis				
	1	To be arranged		Wham 323	Mr Wendt

JOURNALISM (JRNL)

102-3	Introduction to Journalism II				
	1	8:00-8:50	M W F	Ag 170	Mr Clayton
103-3	News				
	1	9:00-9:50	M W F	Ag 222	Mr Clayton
201-3	Newswriting and Editing I				103
	1	11:00-11:50	M	T48	Mr Leiter
		Laboratory to be arranged			
202-3	Newswriting and Editing II				103
	1	1:00-1:50	M W	Ag 218	Mr Bedford
		1:00-2:50	F	Ag 218	Mr Bedford
214-3	Typography				
	1	1:00-3:50	Tu Th	T185	Mr Modlin
260a-3 ¹	Fundamentals of Still Photography				
	T1	11:00-11:50	M WTh	T27 R104	Mr Craig
		1:00-3:50	W	Ag 142	Mr Craig
	T2	11:00-11:50	M WTh	T27 R104	Mr Craig
		1:00-3:50	Th	Ag 142	Mr Craig
303-3	Newswriting and Editing III				202
	1	1:00-1:50	Tu	T48	Mr Bedford
		Laboratory to be arranged			
330-3	Editorial Writing				201 and 202
	1	10:00-10:50	Tu Th S	Arranged	Mr Clayton
360c-2 to 6 ^{1,2}	Staff Photography				306a
	1	11:00-11:50	M	T27 R104	staff
370-3	Principles of Advertising				202
	1	10:00-10:50	M W F	Ag 222	Mr Hileman
391-3	Feature Writing				202
	1	9:00-9:50	M W F	T48	Mr Leiter
399-1	Senior Seminar				Senior standing
	1	10:00-10:50	W	Ag 116	staff
420-2 to 4	High School Journalism Clinic (July 13-25)				
	1	To be arranged			Mr Rice
421-4	School Publications				
	1	† 10:20-11:35	MTuWTh	Ag 148	Mr Rice
422-3	Teaching High School Journalism				
	1	† 8:55-10:20	S	Ag 218	Mr Rice
		1:10-2:25	Tu Th	Ag 218	Mr Rice
440-3	Content Analysis				
	1	9:00-9:50	M W F	Ag 218	Mr Rucker
449-2	Practicum				
	1	To be arranged		T48	Mr Leiter
499-3	Summer Workshop in News Analysis in the Classroom (July 27-August 5)				
	1	9:00-11:45	MTuWThF	H10	Mr Long
		1:00-3:50	MTuWThF	H10	Mr Long
501-4	Literature of Journalism				
	1	7:00-9:50 P.M.	M	H10	Mr Long
533-1 to 3	Research Problems in Journalism				
	1	To be arranged			Mr Rucker
599-3 to 8	Thesis				
	1	To be arranged			Mr Rucker

† June 15-August 6

Course No. & Hours — Descriptive Title Days Bldg & Room Prerequisite
Summer Time Instructor

600-1 to 16 Dissertation
1 To be arranged Mr Rucker

¹ Cross-listed with Printing and Photography.
² Credit in this course may be taken in connection with the Latin American Institute's summer program in Mexico. Interested students should see Mr. Craig, Department of Printing and Photography.

LABOR INSTITUTE

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

LATIN AMERICAN INSTITUTE

Students interested in a special program in inter-American studies should consult Mr. A. W. Bork, Director, Latin American Institute. Offices are located at 907 South Lewis.

MANAGEMENT (MGT)

320-5 Corporation Finance Econ 205, Acct 251c
1 11:00-11:50 MTuWThF Wham 201 Mr Buboltz
328-3 Real Estate
1 8:00-8:50 M ThF HEc 201 Mr Litka
340-4 Business Organization and Management
1 12:00-12:50 MTuWTh Wham 110 Mr Patrick
361-3 Business Report Writing Junior standing
1 1:00-1:50 TuWTh Wham 321 Mr Fohr
371-4 Business Law I
1 11:00-11:50 M WThF HEc 201 Mr Litka
380-4 Production Management 340
1 8:00-8:50 MTu ThF Wham 202 Mr Newman
385-4 Personnel Management 340
1 1:00-1:50 MTuWTh Wham 201 Mr Patrick
473-4 Business Enterprise and Public Policy Senior standing
1 10:00-10:50 M WThF HEc 201 Mr Litka
479-4 Problems in Business and Economics Econ 307, senior standing
1 10:00-10:50 MTuWTh Wham 321 Mr Kittrell
481-3 Administrative Management 340
1 9:00-9:50 TuWTh Wham 321 Mr Hong
500-2 to 5 Readings in Business Administration
1 To be arranged Mr Hong
581-4 Business Policies
1 9:00-9:50 MTuWTh Wham 137 Mr Shull
599-2 to 9 Thesis
1 To be arranged Mr Shull

MARKETING (MKTG)

225-3 Marketing and the Economy GSB 201c or GSB 211b or equivalent
1 9:00-9:50 MTuWTh Wham 110 Rosenbarger
325-4 Marketing and the Firm 225
1 8:00-8:50 MTuWTh Wham 110 Rosenbarger
331-4 Retailing 230 or 325 or concurrent enrollment
1 10:00-10:50 TuWThF Wham 110 Hindersman
333-4 Principles of Advertising 230 or 325 or concurrently
1 9:00-9:50 TuWThF Wham 302 Hindersman
337-4 Principles of Salesmanship 230 or 325 or consent of instructor
1 10:00-10:50 Tu Th Wham 205 Mr Prell
10:00-10:50 M Wham 110 Mr Prell
10:00-10:50 F Wham 201 Mr Prell

Course No. & Hours	Descriptive Title Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
438-4	Sales Management			230 or 325 or concurrently	
1		11:00-11:50	MTu ThF	Wham 110	Mr Hoffman
501-2 to 5	Individual Research in Marketing				
1		To be arranged			Mr Prell
595-3	Seminar in Marketing				
1		To be arranged			Mr Hoffman
599-2 to 5	Thesis				
1		To be arranged			Mr Hoffman

MATHEMATICS (MATH)

150a-5	Elementary Calculus and Analytic Geometry			GSD 114b, 114c	
1		8:00-8:50	MTuWThF	HEc 303	staff
150b-5					150a
1		1:00-1:50	MTuWThF	HEc 303	staff
210-4	Teaching of Elementary Mathematics			GSD 108c	
1		8:00-8:50	TuWThF	HEc 203	staff
2		11:00-11:50	MTuWTh	HEc 303	staff
220-4	Elementary Statistics			106 or GSD 108a or GSD 114a	
1		9:00-9:50	MTu ThF	HEc 201	staff
2		11:00-11:50	MTu ThF	HEc 106	staff
3		2:00-2:50	MTu ThF	HEc 201	staff
225-4	Programming for Digital Computers			GSD 108c or GSD 114c	
1		10:00-10:50	TuWThF	HEc 203	staff
252a-5	Intermediate Calculus and Analytic Geometry				150b
1		10:00-10:50	MTuWThF	HEc 303	staff
252b-4					252a
1		12:00-12:50	MTu ThF	HEc 203	staff
320a-3	Fundamental Concepts of Algebra				150b
1		11:00-11:50	M WTh	HEc 203	staff
335a-3	Concepts of Geometry				252a
1		8:00-8:50	M WTh	HEc 106	staff
407-3	Introduction to Partial Differential Equations				305b
1		10:00-10:50	M W F	HEc 118	staff
421a-3	Linear Algebra				252b
1		2:00-2:50	MTu Th	HEc 118	staff
433-3	Theory of Point Sets			Consent of department	
1		9:00-9:50	M W F	HEc 118	staff
440-4	Modern Algebra for Teachers			National Science Foundation students only	
1		† 7:30-8:45	MTuWThF	Ag 220	Miss Moore
452a-3	Advanced Calculus				252b
1		1:00-1:50	M W F	HEc 201	staff
460-4	Modern Geometry				
1		† 8:55-10:10	MTu ThF	Ag 220	staff
480a-4	Probability			National Science Foundation students only	
1		† 10:20-11:35	MTuWThF	Ag 220	Mr Skalsky
540-4	Group and Linear Transformations			National Science Foundation students only	
1		† 11:45-1:00	MTuWThF	Ag 220	Miss Pepper
545-4	Intermediate Analysis for High School Teachers			National Science Foundation students only	
1		† 7:30-8:45	MTuWThF	Ag 222	Miss Pepper
550e-2	Seminar in Mathematics Education			National Science Foundation students only	
1		† 1:30-4:00	Tu	HEc 122	Miss Moore
2		† 1:30-4:00	Th	HEc 122	Miss Moore
560-3	Calculus of Variations				452c
1		8:00-8:50	M W F	HEc 118	staff
592-3	Research in Mathematics Education			National Science Foundation students only	
1		† 1:10-2:25	M W F	HEc 122	Mr McDaniel

† June 15-August 6

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
595a-3	Special Project in Algebra			Consent of department
1	To be arranged			staff
595b-3	Special Project in Geometry			Consent of department
1	To be arranged			staff
595c-3	Special Project in Analysis			Consent of department
1	To be arranged			staff
595d-3	Special Project in Probability and Statistics			Consent of department
1	To be arranged			staff
595e-3	Special Project in Mathematics Education			Consent of department
1	To be arranged			staff
599-2 to 6	Thesis			Consent of department
1	To be arranged			staff

MICROBIOLOGY (MICR)

511-1 to 8	Research				
1	To be arranged				staff
528-1 to 8	Readings in Microbiology				
1	To be arranged				staff
550-4	Microbiology for High School Teachers			National Science Foundation students only	
1	† 7:30–8:45	Tu Th	LS G16		staff
	7:30–10:10	W F	LS G6		staff
552-1	Seminar in Biological Sciences			National Science Foundation students only	
1	† 1:10–2:25	M	LS G16		staff
599-3 to 9	Thesis				
1	To be arranged				staff
600-1 to 12	Dissertation				
1	To be arranged				staff

MUSIC (MUS)

001b-1	Symphonic Band				
1	3:00–3:50	Tu Th	Alg 115		Mr Siener
002a-1	Chorus				
1	3:00–3:50	W F	Alg 115	Mr C Taylor and	Mr Kingsbury
003-1	Orchestra				
1	3:00–3:50	M	Alg 115	van Bronkhorst	
	7:00–9:00 P.M.	Tu		Aud Stage	van Bronkhorst
011-2 to 4	Private Violin				
1	To be arranged		Alg 219		Mr Wharton
2	To be arranged			Aud Stage	van Bronkhorst
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 236		Mr Hussey
024-2 to 4	Private Bassoon				
1	To be arranged		Aud 201		Mr Intravaia
031-2 to 4	Private Percussion				
1	To be arranged		Aud 202		Mr Canedy
040-1	Class Piano				
1	8:00–8:50	M W	Alg 301		Mr Mueller
2	9:00–9:50	M W	Alg 301		Mr Barwick
041-2 to 4	Private Piano				
1	To be arranged		Alg 247		Mr Barwick
2	To be arranged		Alg 238		Mr Denker
051-2 to 4	Private French Horn				
1	To be arranged		Alg 204		Mr Olsson

Course No. & Hours	—	Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
052-2 to 4	Private	Trumpet					
		1		To be arranged		Alg 204	Mr Olsson
053-2 to 4	Private	Trombone					
		1		To be arranged		Alg 229	Mr Betterton
054-2 to 4	Private	Tuba					
		1		To be arranged		Aud 202	Mr Siener
060-1	Class	Voice					
		1		8:00–8:50	Tu Th	Alg 246	Mr Miller
061-2 to 4	Private	Voice					
		1		To be arranged		Alg 246	Mr W Taylor
071-2 to 4	Private	Organ					Consent of instructor
		1		To be arranged		Alg 103c	Mr Morgan
105c-4	Theory of	Music					105b
		1		9:00–9:50	MTuWThF	Alg 116	Mr Hussey
200-3	Fundamentals of	Music					
		1		1:00–1:50	M W F	Alg 248	Mr Betterton
300b-3	Elementary	Music Methods for Non-Music Majors					200
		1		10:00–10:50	M W F	Alg 248	Mr Gordon
307-4	Recreational	Music					
		1		9:00–9:50	MTu ThF	Alg 248	Mr McIntosh
312a-2	Composition						
		1		To be arranged		Alg 233	Mr Bottje
312b-2							
		1		To be arranged		Alg 233	Mr Bottje
312c-2							
		1		To be arranged		Alg 233	Mr Bottje
326c-3	Analysis						105c
		1		10:00–10:50	M W F	Alg 106	Mr Bottje
330a-4	Music History & Literature						105c or GSC 206
		1		11:00–11:50	M WThF	Alg 115	Mr Morgan
346-2 to 8	Opera Workshop						
		1		† 7:00–10:00 P.M.	MTuWThF	Aud Stage	Mr W Taylor
(June 15–July 24)		2		9:00–12:00	M W F	Hot Springs,	
				4:00–6:00 P.M.	Tu ThF	Arkansas	Miss Lawrence
412-3	Choral Literature						
		1		1:00–1:50	Tu ThF	Alg 106	Mr Barwick
461-2	Teaching Techniques and Materials for Beginning and Intermediate Levels (Choral)						
		1		2:00–2:50	M W	Alg 106	Mr C Taylor
461-2	Teaching Techniques and Materials for Beginning and Intermediate Levels (Instrumental)						
		2		2:00–2:50	Tu Th	Alg 106	Mr Wharton
462-2	Teaching Techniques and Materials for the Advanced Student (H.S. Stage Band)						
		1		To be arranged		Aud 202	Mr Canedy
471-2 to 6	Private	Piano					
		1		To be arranged		Alg 247	Mr Barwick
		2		To be arranged		Alg 238	Mr Denker
472-2 to 6	Private	Voice					
		1		To be arranged		Alg 246	Mr W Taylor
473a-2 to 6	Private	Violin					
		1		To be arranged		Aud Stage	van Bronkhorst
474a-2 to 6	Private	Flute					
		1		To be arranged		Alg 233	Mr Bottje
476-2 to 6	Private	Organ					
		1		To be arranged		Alg 103c	Mr Morgan
481-2 to 6	Readings in	Music Theory					
		1		To be arranged		Alg 103b	Mr Mueller
482-2 to 6	Readings in	Music History and Literature					
		1		To be arranged		Alg 236	Mr Morgan

† June 15–August 6

70 / MUSIC (MUS)

Course No. & Hours	Descriptive Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
483-2 to 6	Readings in Music Education (History and Philosophy)				
1	To be arranged			Alg 229	Mr Gordon and Mr Betterton
501-3	Introduction to Graduate Study in Music				
1	9:00-9:50	M W F		Alg 106	Mr Barwick
502-3	History and Analysis of Musical Styles				
1	11:00-11:50	M W F		Alg 106	Mr Mueller
522-3	Seminar in Music History Literature				
1	To be arranged			Alg 103c	Mr Morgan
531-3	Advanced Composition				
1	To be arranged			Alg 233	Mr Bottje
553-3	Seminar in Choral Materials and Techniques (July 6-17)				
1	9:00-12:00	MTuWThF		Alg 116	Mr C Taylor
554-3	Seminar in Instrumental Materials and Techniques (July 6-17)				
1	1:00-4:00	MTuWThF		Alg 248	Mr Wharton, Mr Betterton, Mr Hussey, Mr Canedy, and Mr Siener
556-2 to 6	Advanced Conducting				
1	To be arranged				Mr van Bronkhorst Mr Kingsbury
568-2 to 8	Opera Workshop				
1	† 7:00-10:00 P.M.	MTuWThF		Aud Stage	Mr W Taylor
(June 15-July 24) 2	9:00-12:00	M W F		Hot Springs,	
	4:00-6:00 P.M.	Tu ThF		Arkansas	Miss Lawrence
571-4	Private Piano				
1	To be arranged			Alg 247	Mr Barwick
2	To be arranged			Alg 236	Mr Denker
572-4	Private Voice				
1	To be arranged			Alg 246	Mr W Taylor
576-4	Private Organ				
1	To be arranged			Alg 103c	Mr Morgan
599-3 to 6	Thesis				
1	To be arranged			Alg 103b	Mr Mueller

Opera Workshop 346 and 568 will be offered during periods indicated only. Other workshops are offered during the periods indicated. All private lessons (applied music courses) MUST be arranged with the instructor concerned on the first day of the summer session (June 15). Courses in private or class instruments will be offered to qualified non-music majors after consultation with the chairman of the Department of Music. Students enrolled in private or class applied courses are expected to practice at least one hour per day. Air-conditioned practice rooms will be assigned on the first day of the summer session at the music department office (Altgeld 103).

NURSING (NURS)

101a-1	Orientation to Nursing				
1	10:00-10:50	M W		HEc 128	Miss Harrison
101c-1	.....			
1	10:00-10:50	Tu Th		HEc 128	Miss Harrison

PHILOSOPHY (PHIL)

340-4	Elementary Ethics and Politics				
1	11:00-11:50	MTuWTh		HEc 208	Mr McClure
355-4 ¹	Philosophy of Education				
1	10:00-10:50	MTuWTh		HEc 208	Mr Moore

Course No. & Hours	Descriptive Title Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
490-3	Special Problems				
	T1	3:00–5:30	Tu	HEc 211	Mr Baralt
490-1 to 4	Special Problems				
	2	To be arranged			staff
530-3	Seminar in Theory of Knowledge				
	1	3:00–5:30	W	HEc 211	Mr McClure
590-3	General Graduate Seminar: Linguistic Approach to Religious Problems				
	1	3:00–5:30	M	HEc 211	Mr Levy
590-1 to 5	General Graduate Seminar				
	2	To be arranged			staff
591-1 to 5	Readings in Philosophy				
	1	To be arranged			staff
599-2 to 9	Thesis				
	1	To be arranged			staff
600-2 to 12	Dissertation				
	1	To be arranged			staff

¹ Cross-listed with Educational Administration and Supervision

PHYSICAL EDUCATION FOR MEN (PEM)

101-2	Orientation Practicum in Physical Education				
	1	10:00–10:50	Tu F	Gym 203	Mr Martin
115-1	Methods and Materials of Coaching Baseball				
	1	9:00–9:50	M W F	Gym 207	Mr Martin
116-1	Methods and Materials of Teaching Gymnastics				
	1	10:00–10:50	M WTh	Gym 207	Mr Meade
118-1	Methods and Materials of Teaching Tennis				
	1	9:00–9:50	Tu ThF	Tennis	Mr Sexton
119-1	Methods and Materials of Teaching Golf				
	1	11:00–11:50	TuW F	Gym 207	Mr Holder
215-1	Methods and Materials of Coaching Track and Field				
	1	11:00–11:50	M WTh	Stadium	Mr Hartzog
216-1	Methods and Materials of Coaching Basketball				
	1	8:00–8:50	MTu Th	Gym 207	Mr Hartman
303-5	Kinesiology				Phsl 300
	1	9:00–9:50	MTuWThF	Gym 203	Mr Lingle
341-3	Principles of Physical Education				Senior standing
	1	10:00–10:50	M WTh	Gym 203	Mr Lingle
350-3	Methods and Materials of Teaching Physical Education Activities in Elementary School				
	1	8:00–8:50	MTuWTh	Gym 203	Mr Wilkinson
376-3	Emergency Care and Prevention of Athletic Injuries				Phsl 300
	1	12:00–12:50	MTuWTh	Gym 203	Mr Spackman
420-4 ¹	Physiological Effects of Motor Activity				
	1	† 10:20–11:35	MTuWTh	Gym 204	Mr Knowlton
501-4 ¹	Curriculum in Physical Education				
	1	† 7:30–8:45	MTuWTh	Gym 204	Miss Davies
503-4 ¹	Seminar in Physical Education				
	1	† 8:55–10:10	MTuWTh	Gym 204	Mr Shea
504-4 ¹	Problems in Physical Education				
	1	† To be arranged			Mr Bender
525-1 to 6	Readings in Physical Education				Consent of department
	1	† To be arranged			Mr Shea
599-6 to 9 ¹	Thesis				
	1	† To be arranged			staff

¹ Cross-listed with Physical Education for Women

† June 15–August 6

Course No. & Hours	— Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
Summer	Time			

PHYSICAL EDUCATION FOR WOMEN (PEW)

319-4	Teaching Elementary School Group Activities	.....	Psyc 301 or Guid 305	
1	9:00-9:50	MTuWTh	M 110	Miss Stehr
2	11:00-11:50	MTuWTh	M 110	Miss West
3	1:00-1:50	MTuWTh	M 110	Miss Wood
4	12:00-12:50	MTuWTh	M 110	staff
420-4 ¹	Physiological Effects of Motor Activity	.....	
1	† 10:20-11:35	MTuWTh	Gym 204	Mr Knowlton
501-4 ¹	Curriculum in Physical Education	.....	
1	† 7:30-8:45	MTuWTh	Gym 204	Miss Davies
503-4 ¹	Seminar in Physical Education	.....	
1	† 8:55-10:10	MTuWTh	Gym 204	Mr Shea
504-4 ¹	Problems in Physical Education	.....	
1	† To be arranged			Mr Bender
525-1 to 6 ¹	Readings in Physical Education	.....	
1	† To be arranged			staff
599-6 to 9 ¹	Thesis	.....	
1	† To be arranged			staff

¹ Cross-listed with Physical Education for Men**PHYSICS (PHYS)**

206a-5	College Physics	.....	Math 114c	
1	8:00-8:50	M W F	P 308	staff
	8:00-9:50	Tu	P 317	staff
	8:00-9:50	Th	P 308	staff
211a-5	University Physics	.....	Math 150b or concurrent enrollment	
1	10:00-10:50	Tu ThF	P 309	staff
	10:00-11:50	M	P 309	staff
	10:00-11:50	W	P 317	staff
312-5	Radio	.....	206c or 211c	
T1	8:00-8:50	MTuW F	P 309	Mr Etherton
	8:00-9:50	Th	P 318	Mr Etherton
410-5	Physical Optics	.....	305b; Math 305b or consent of department	
1	9:00-9:50	MTuWThF	P 309	Mr Arvin
	8:00-8:50	Tu Th	P 302	Mr Arvin
420-2 to 5	Special Projects	.....	301b; 305b	
1	To be arranged			staff
520-2 to 5	Special Projects	.....	501a or concurrent enrollment	
1	To be arranged			staff
590-1 to 9	Thesis	.....	501a or concurrent enrollment	
1	To be arranged			staff

PHYSIOLOGY (PHSL)

209-5	Introduction to Physiology	.....	For nurses only	
1	8:00-8:50	M W F	LS 205	Mr Herbert
	8:00-9:50	Tu Th	LS 118	Mr Herbert

PLANT INDUSTRIES (PL I)

103-4	Introductory Study of Soils	.....	H S Chem or concurrent college chemistry	
1	8:00-8:50	MTuWTh	Ag 166	Mr Caster
304-3	Landscape Gardening	.....	
1	11:00-11:50	M W	Ag 195	Mr Tucker
	10:00-11:50	F	Ag 195	Mr Tucker

Course No. & Hours	—	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
309-4		Field Crop Production			GSA 201a
	1	10:00-10:50	MTuW	Ag 168	Mr Sherwood
		2:00-3:50	W	Ag 171	and Mr Portz
390-1 to 3		Special Studies in Plant Industries			Consent of department staff
	1	To be arranged			
407A-3		Fertilizers and Soil Fertility (June 22-July 17)			One course in soils
	1	7:30-10:10	M W F	Ag 172	Mr Vavra
520-1 to 3		Readings			Consent of department staff
	1	To be arranged			
575-1 to 6		Research			Consent of department staff
	1	To be arranged			
599-1 to 9		Thesis			Consent of department staff
	1	To be arranged			

PRINTING and PHOTOGRAPHY (P & P)

217-4 ¹		General Typography			
	1	8:00-9:50	MTuWTh	T185	Mr Modlin
260a-4 ²		Fundamentals of Still Photography			
	T1	11:00-11:50	M WTh	T27 R104	Mr Craig
		1:00-3:50	W	Ag 142	Mr Craig
	T2	11:00-11:50	M WTh	T27 R104	Mr Craig
		1:00-3:50	Th	Ag 142	Mr Craig
271a-4		Presswork			265a
	T1	1:00-5:00	Tu Th	VTI Bldg 2	Mr Evans
341a-4		Cinematography			
	1	8:00-8:50	MTuW	T27 R104	Mr Mercer
		1:00-2:50	W	T27 R100	Mr Mercer
	T2	8:00-8:50	MTuW	T27 R104	Mr Mercer
		3:00-3:50	W	T27 R100	Mr Mercer
344-1 to 6 ³		Workshop in Cinema Production			Consent of department
	1	To be arranged			Mr Paine
360c-2 to 6 ^{2,3}		Staff Photography			360a
	1	11:00-11:50	M	T27 R104	staff
390-1 to 6 ³		Problems in Still Photography and Cinematography			Consent of department
	1	To be arranged			staff

¹ Cross-listed with Industrial Education, ² Cross-listed with Journalism

³ Credit in these courses may be taken in connection with the Latin American Institute's summer program in Mexico. Interested students should see Mr. Craig.

PSYCHOLOGY (PSYC)

211a-4		Principles and Methods of Psychology			GSB 201c
	1	8:00-8:50	MTu Th	Ag 150	Mr Wagman
		8:00-9:50	W	T142	staff
211b-4					GSB 211a
	1	8:00-8:50	M WTh	Ag 224	Mr McHose
		8:00-9:50	Tu	T142	staff
307-4		Social Psychology			GSB 201c
	1	9:00-9:50	MTuWTh	Ag 224	Mr Pitz
320-4		Industrial Psychology			GSB 201c
	1	10:00-10:50	M WThF	Ag 224	Mr Hemingway
323-4		Psychology of Employee Relations			GSB 201c
	1	1:00-1:50	MTuWTh	Ag 116	Mr Westberg
407-4		Theories of Learning			211b
	1	9:00-9:50	M WThF	Ag 168	Mr McHose

† June 15-August 6

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
Summer	Time			
421-4	Psychological Tests and Measurements		8 hours of psychology	
1	11:00-11:50	M WThF	Ag 224	Mr Hemingway
440-4	Theories of Personality		305 or consent of instructor	
1	1:00-1:50	M WThF	Wham 302	Mr Martire
531-4	Advanced Psychopathology		530, 541, 542 and consent of instructor	
1	† To be arranged			Mr Simmons
593L-1	Practicum in Teaching Psychology		Consent of department	
1	To be arranged			Mr Carrier
595-1 to 18	Advanced Seminar		Consent of department	
1	To be arranged			Mr Alexander
599-1 to 9	Master's Thesis			
1	To be arranged			staff
600-1 to 18	Doctoral Dissertation			
1	To be arranged			staff

RADIO-TELEVISION (R-T)

161-4	Radio-Television Speaking				
1	8:00-8:50	MTu ThF	RadS A	Mr Richter	
2	1:00-1:50	MTu ThF	RadS A	Mr Richter	
251-2	Survey of Broadcasting				
1	9:00-9:50	Tu Th	P 204	Mr Uray	
257-4	Fundamentals of Broadcast Writing				
1	10:00-10:50	MTu ThF	P 301	Mr Richter	
352-4	Laws and Policies				351
1	11:00-11:50	MTu ThF	P 301	Mr Criminger	
353-2	Radio-Television in Education				
1	12:00-12:50	Tu Th	Stadium 101	Mr Richter	
354-4	Radio and Television Program Planning				351
1	2:00-2:50	MTu ThF	Stadium 101	Criminger	
361-2	Television Announcing		161, 261 or consent of department		
1	8:00-8:50	Tu Th	TVS	Mr Dybvig	
368-3	Fundamentals of Television Production		367 or consent of department		
1	10:00-11:50	M W F	TVS	Mr Allen	
373-1 to 5	Advanced Radio Production Laboratory		367 or consent of department		
1	To be arranged		RadS	Mr Uray	
374-1 to 5	Advanced Television Production Laboratory		6 hrs 373 or consent of department		
1	To be arranged		TVS	Mr Dybvig	
375a-4	News casting		161 and consent of department		
1	12:00-12:50	MTuWTh	RadS A	Mr Mofield	
375g-3	Advertising and Sales		Consent of department		
1	8:00-8:50	WThF	P 204	Mr Mofield	
375J-1 to 4	Individual Research Problems		Consent of department		
1	To be arranged		RadS	Mr Mofield	
375N-1 to 4	Production Problems		Consent of department		
1	To be arranged		RadS	Mr Mofield	
394-5	Television Station Management		Consent of department		
1	1:00-1:50	MTuWThF	TVS	Mr Kurtz	

RECREATION and OUTDOOR EDUCATION (REC)

100-3	Orientation to Parks and Recreation				
1	To be arranged		LG	staff	
201-4	Introduction to Recreation Leadership				
1	9:00-9:50	MTuWTh	Stadium 101	Mr O'Brien	
220-4	Leadership in Outdoor Recreation				
1	To be arranged		LG	staff	
230-4	Recreational Arts and Crafts				

Course No. & Hours	—	Descriptive Title Summer	Title Time	Days	Bldg & Room	Prerequisite Instructor
	1	To be arranged			LG	staff
301-4		Programs in School Camping and Outdoor Education				
	1	8:00-8:50	MTuWTh		Stadium 101	Mr Rillo
305-4		Maintenance of Recreational Areas				
	1	11:00-11:50	MTuWTh		Stadium 101	staff
310-3		Social Recreation				
	1	10:00-10:50	MTuWTh		Stadium 101	staff
311-2 to 6		Camp Leadership				201
	1	To be arranged			LG	staff
312-2		Playground Leadership (June 10-13)				
	1	To be arranged			LG	Mr Ridinger
312-2 to 6		Playground Leadership				201
	2	To be arranged				Mr Franklin
314-2 to 6		Institutional Recreation Leadership				201
	1	To be arranged				Mrs Bender
315-4		Recreational Dramatics				
	1	1:00-1:50	MTuWTh		Stadium 101	Mr Taylor
368-4		Camping Administration				
	1	To be arranged			LG	staff
450-4		Principles and Interpretations of Recreation				
	1	† 7:30-8:45	MTuWTh		Stadium 102	Mr O'Brien
480-4		Techniques in Camping				
	1	† To be arranged			LG	staff
510-4		School Camping and Outdoor Education Workshop				
	1	† 8:55-10:10	MTuWTh		Stadium 102	staff
540-4		Recreation Surveys and Planning of Facilities				
	1	† 10:20-11:35	MTuWTh		Stadium 102	staff
550-2 to 6		Field Problems in Community Recreation				
	1	† 1:10-2:25	MTuWTh		Stadium 102	Mr Ridinger
	2	1:00-1:50	MTuWTh		Stadium 102	Mr Ridinger

REHABILITATION INSTITUTE

Students interested in graduate work in rehabilitation counseling should consult Mr. Guy A. Renzaglia, Director, Rehabilitation Institute.

RELIGION (REL)

337-3		The Teachings of Jesus				
	1	9:00-9:50	M	W	F	R1 Mr Queen
354-3		Christian Principles for Teachers				
	1	8:00-8:50	M	W	F	R1 Mr Hall

RUSSIAN STUDIES

Students interested in a minor in Russian studies should consult Mr. E. K. Kamarasy, Department of Government, academic adviser for the program.

SECONDARY EDUCATION (S ED)

310-4		History and Principles of Secondary Education				Guid 305
	1	8:00-8:50	MTuWTh		Wham 201	Mr Smith and Mr Samford
	2	10:00-10:50	MTuWTh		Wham 201	Mr Fligor and Mr Samford
315-3		High School Methods				
	1	8:00-8:50	M	W	F	Wham 317 Mr Dykhous

† June 15-August 6

Course No. & Hours	—	Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
352a-4 to 16	Secondary Student Teaching	.....				
1	To be arranged in Agriculture						staff
2	To be arranged in Art						staff
3	To be arranged in Biology						staff
4	To be arranged in Business						staff
5	To be arranged in Chemistry						staff
6	To be arranged in Economics						staff
7	To be arranged in English						staff
8	To be arranged in Foreign Language						staff
9	To be arranged in General Science						staff
10	To be arranged in Geography						staff
11	To be arranged in Government						staff
12	To be arranged in Health Education						staff
13	To be arranged in History						staff
14	To be arranged in Home Economics						staff
15	To be arranged in Ind Education						staff
16	To be arranged in Journalism						staff
17	To be arranged in Mathematics						staff
18	To be arranged in Music						staff
19	To be arranged in Phys Education						staff
20	To be arranged in Physics						staff
21	To be arranged in Sociology						staff
22	To be arranged in Social Studies						staff
23	To be arranged in Speech						staff
24	To be arranged in Library Service						staff
352b-4 to 16	Secondary Student Teaching	.....					24 sections as listed above
352c-4 to 16	Secondary Student Teaching	.....					24 sections as listed above
375-2 to 3	Readings in Secondary Education	.....				
1	To be arranged						staff
402-4 ¹	Aero-Space Education Workshop (August 10-21)	.....				
1	8:55-11:35	MTuWThF				Wham 202	Mr Collins and
	1:10-3:50	MTuWThF				Wham 202	Mr Samford
440-3	Teaching Reading in High School	.....				
1	11:00-11:50	M W F				Wham 308	Mr Hafner
490-4 ²	Economic Education Workshop (August 10-21)	.....				
1	9:00-11:40	MTuWThF				Wham 326	Mr Martinsek
	1:00-3:40	MTuWThF				Wham 326	Mr Martinsek
505-4 ¹	Improvement of Reading Instruction	.....				
1	† 8:55-10:10	MTuWTh				Wham 144	Mr Karlin
507-2 to 4 ¹	Readings in Reading	.....				
1	† To be arranged						Mr Karlin
518-2 ¹	Supervision of Student Teachers (June 15-July 10)	.....				
1	10:20-11:35	MTuWTh				Wham 303	Mr Smith
560-2 ¹	New Developments in Technological Education	.....				
	New Approaches to Industrial Arts (June 16-25)						
1	10:20-11:35	TuWThF				Wham 317	staff
	1:10-2:25	MTuWTh				Wham 317	staff
	Federal Legislation and Evolving Programs of Vocational Education (June 30-July 9)						
2	10:20-11:35	TuWThF				Wham 317	staff
	1:10-2:25	MTuWTh				Wham 317	staff
	Improving Instruction Through Modern Technological Devices (July 14-23)						
3	10:20-11:35	TuWThF				Wham 317	staff
	1:10-2:25	MTuWTh				Wham 317	staff
	Adult Vocational Education (July 28-August 6)						
4	10:20-11:35	TuWThF				Wham 317	staff
	1:10-2:25	MTuWTh				Wham 317	staff
544-9 ³	NDEA German Summer Institute for Teachers of German	.....				

Course No. & Hours	— Descriptive Title	Summer	Time	Days	Bldg & Room	Prerequisite Instructor
	1	† 7:40–12:25		MTuWThF	Wh 1	Mr Liedloff
			2:00–5:05	MTuWThF	Wh 1	Mr Liedloff
550-4	Core Curriculum in Secondary School	1	† 7:30–8:45	TuWThF	Wham 303	Mr Fligor
564-4	High School Principalship	1	† 1:10–2:25	MTuWTh	Wham 328	Mr Mees
575a-4	Individual Research (Curriculum)	1	To be arranged			Mr Smith
575b-4	Individual Research (Supervision)	1	To be arranged			Mr Smith
575c-4	Individual Research (Language Arts)	1	To be arranged			Mr Smith
575d-4	Individual Research (Science)	1	To be arranged			Mr Smith
575e-4	Individual Research (Reading)	1	To be arranged			Mr Smith
575f-4	Individual Research (Social Studies)	1	To be arranged			Mr Smith
575g-4	Individual Research (Secondary Education)	1	To be arranged			Mr Smith
596-5 to 9	Independent Investigation	1	To be arranged			Mr Samford
597-1 to 3	Thesis	1	To be arranged			Mr Samford
598-1 to 3	Thesis	1	To be arranged			Mr Samford
599-1 to 3	Thesis	1	To be arranged			Mr Samford
600-1 to 14	Dissertation	1	To be arranged			Mr Samford

¹ Cross-listed with Elementary Education, ² Cross-listed with Economics, ³ Cross-listed with Foreign Languages, ⁴ Cross-listed with Industrial Education

SECRETARIAL and BUSINESS EDUCATION (SEC)

201a-3	Typewriting	1	9:00–9:50	M WThF	T32 R103	Mr Buboltz
201b-3		1	9:00–9:50	M WThF	T32 R103	Mr Buboltz
201c-3		1	8:00–8:50	MTu ThF	T32 R103	Miss DuFrain
221c-4	Shorthand	1	12:00–12:50	MTuWTh	T32 R103	Mr Rahe
241-1	Duplicating	1	1:00–2:50	W	T32 R112	Mr Rahe
304-3	Advanced Typewriting	1	8:00–8:50	MTu ThF	T32 R103	Miss DuFrain
324a-4	Advanced Shorthand and Transcription	1	12:00–12:50	MTuWTh	T32 R103	Mr Rahe
341-4	Office Calculating Machines	1	11:00–11:50	TuWThF	T32 R104	Miss DuFrain
404-3	Teaching Shorthand and Transcription	1	10:00–10:50	MTu Th	T32 R103	Mr Rahe
405-3	Teaching General Business Subjects	1	8:00–8:50	M W F	T32 R104	Mr Buboltz
505-4	Workshop in Business Education	1	9:00–9:50	MTu ThF	T32 R112	Miss DuFrain

† June 15–August 6

Course No. & Hours — Descriptive Title Days Bldg & Room Prerequisite
Summer Time Instructor

SMALL BUSINESS INSTITUTE

Students interested in a program of studies in small business management should consult Mr. Ralph Bedwell, Director, Small Business Institute.

SOCIOLOGY (SOC)

102-5	Social Problems	1	8:00-8:50	MTuWThF	Wham 302	Mr Petroff
GSB 321-3 ¹	Socialization of the Individual	1	10:00-10:50	Tu	HEc 118	Mr Schmitt
			10:00-10:50	W	HEc 102	Mr Schmitt
			10:00-10:50	Th	HEc 301	Mr Schmitt
333-4	Community Organization	1	8:00-8:50	MTuWTh	Wham 305	Mr Petroff
340-4	The Family	1	9:00-9:50	TuWThF	Wham 305	Miss Snyder
GSB 341-3 ¹	Marriage	1	8:00-8:50	Tu Th	Wham 317	Miss Snyder
			8:00-8:50	W	Wham 202	Miss Snyder
373-4	Juvenile Delinquency	1	10:00-10:50	MTuWTh	Wham 305	Mr Petroff
380-4	Introduction to Social Work	1	9:00-9:50	MTu ThF	Wham 303	Mr Eades
400-2	Current Sociology	1	11:00-12:40	Th	Wham 308	Mr Campisi
489a-3	The American Correctional System	1	To be arranged			Consent of instructor Mr Hartung
489b-4	Probation, Classification and Parole	1	To be arranged			Consent of instructor Mr Vander Wiel
489d-3	Problems in Correctional Research	1	To be arranged			Consent of instructor Mr Frank
489e-2 to 4	Independent Study in Corrections	1	To be arranged			Consent of instructor staff
521-4	Seminar in Social Psychology	1	To be arranged			Consent of department Mr Campisi
526-4	Quantitative Methods in Sociology I	1	To be arranged			Consent of instructor Mr Schmitt
583-4 to 12	Supervised Field Work in Corrections	1	To be arranged			Consent of instructor Mr Vander Wiel
591-2 to 6	Individual Research	1	To be arranged			Consent of department staff
596-2 to 6	Readings in Sociology	1	To be arranged			Consent of department staff
599-2 to 9	Thesis	1	To be arranged			Consent of department staff
600-1 to 18	Dissertation	1	To be arranged			Consent of department staff

¹ General Studies Area B courses which are listed for the convenience of sociology students

SPECIAL EDUCATION (SP E)

410-4	Problems and Characteristics of the Mentally Retarded	1	† 7:30-8:45	MTuWTh	Wham 328	Mr Rainey
413-4	Directed Observation of Exceptional Children	1	† 8:55-11:35	M W	Wham 301A	Mr Rainey
414-4	The Exceptional Child	1	† 11:45-1:00	MTuWTh	Wham 210	Mr Jordan

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
	2	† To be arranged		LG	Mrs Stull
418-4	Workshop in Special Education				
	The Gifted Child (June 29-July 24)				
	1	† 8:00-3:00	MTuWThF	Wham 112	Mr Kolstoe
	The Secondary Gifted Child (August 3-14)				
	T2	† To be arranged			Mr Kolstoe
419-4 ¹	Communication Problems for the Deaf and Hard of Hearing				
	1	† 10:00-11:50	MTuWThF	LG	Mr Brutton
420-4	Methods and Materials for Teaching Exceptional Children				
	1	† 7:30-8:45	MTuWTh	USch 105	Mr Rainey
428-4 ¹	Speech Correction for Classroom Teacher				
	1	† 1:10-2:25	MTu ThF	Wham 203	staff
501-4	Special Research Problem				
	1	† To be arranged			staff
513-4	Organization and Administration of Special Classes				
	1	† 10:20-11:35	MTuWTh	Wham 231	Mr Kolstoe
577-4	Practicum in Special Education				
	1	† 7:30-12:00	MTuWTh	USch	Miss McKay
596-4	Independent Investigation				
	1	† To be arranged			staff
599-5 to 9	Thesis				
	1	† To be arranged			staff

¹ Cross-listed with Speech Correction

SPEECH (SPCH)

201-2	Parliamentary Law				
	1	10:00-10:50	W F	P 111	Mr Talley
202-3	Principles of Discussion				GSD 103
	1	1:00-1:50	MTu Th	T38 R102	Mr Potter
407b-4	American Public Address				
	1	1:00-1:50	MTuWTh	T38 R103	Mr Bradley
408-4	Psychology of Speech				
	1	2:00-2:50	MTu ThF	T38 R102	Mr Breniman
427-4	Secondary School Forensic Program				
	1	11:00-11:50	MTuW F	T38 R102	Mr Breniman
500-4	Survey of Classical Rhetoric				
	1	2:00-2:50	MTuWTh	T38 R103	Mr Micken
508-4	Seminar: Studies in Discussion				
	1	10:00-10:50	TuWThF	T38 R103	Mr Potter
532-4	Areas and Techniques of Research in Speech				
	1	8:00-8:50	MTuWTh	T38 R102	Mr Bradley
530-1 to 4	Research Problems in Speech				
	1	To be arranged			Mr Micken
599-2 to 9	Thesis				
	1	To be arranged			staff
600-1 to 12	Dissertation				
	1	To be arranged			staff

SPEECH CORRECTION (SP C)

104-4	Training the Speaking Voice				
	1	3:00-3:50	MTu ThF	Wham 329	Mr Smith
400-1 to 4	Individual Study in Speech Correction and Audiology				Junior standing
	1	† To be arranged		T61	staff
405c-4	Practicum in Speech and Hearing Therapy				Junior standing
	1	† To be arranged		T61	staff

† June 15-August 6

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite
Summer	Time			Instructor
406-4	Techniques and Interpretation of Hearing Tests			Junior standing
1	1:00-1:50	MTu ThF	T61	Mr Atkinson
409-4	Research Techniques in Speech Science			Junior standing
1	9:00-9:50	MTu ThF	T61	Mr Hoshiko
412-4	Cerebral Palsy			Junior standing
1	† 10:00-12:00	MTuWThF	LG	Mr Anderson
416-4	Hearing			406
1	8:00-8:50	MTu ThF	T61	Mr Atkinson
419-4 ¹	Communication Problems of Deaf and Hard of Hearing			406
1	† 10:00-12:00	MTuWThF	LG	Mr Brutten
428-4 ¹	Speech Correction for the Classroom Teacher			Junior standing
1	† 1:10-2:25	MTu ThF	Wham 203	staff
515-4	Readings in Speech Pathology (Voice Problems)			
1	2:30-4:30	M Th	T61	Mr Brackett
522d-4	Seminar in Organic Speech Problems: Cleft Palate			Consent of instructor
1	† 10:00-12:00	MTuWThF	LG	Mr Koepp-Baker
530-1 to 4	Research Problems in Speech Pathology and Audiology			Consent of instructor
1	To be arranged		T61	Mr Brutten
534-1 to 4	Seminar in Instrumentation			Consent of instructor
1	1:00-2:50	Tu F	T61	Mr Hoshiko
599-2 to 9	Thesis			
1	To be arranged		T61	staff
600-4 to 12	Dissertation			
1	To be arranged		T61	staff

¹ Cross-listed with Special Education

TECHNOLOGY (TECH)

300a-3	Applications of Fundamental Physical Principles							
	1	8:00–8:50	M	W	F	Ag 146	Mr Dunning	
300b-3								
	1	9:00–9:50	M			LS G16	Mr Dunning	
		9:00–9:50		W		Ag 148	Mr Dunning	
		9:00–9:50			F	Ag 146	Mr Dunning	
599-1 to 9	Thesis						Consent of graduate adviser	
	1	To be arranged					staff	

THEATER (THEA)

208-1 to 3	Dramatic Activities			
1	To be arranged		T36	Mr Zoeckler
308-1 to 3	Dramatic Activities			
1	To be arranged		T36	Mr Zoeckler
322-1 to 12	Practicum in Theater			Consent of department
1	8:30-10:00	MTuWThF	T36	staff
509-4	High School Theater and Its Production Problems			Consent of department
1	† 10:20-11:35	MTuWTh	Wham 331	Mr Zoeckler
519-1 to 12	Theater Practicum			Consent of department
1	8:30-10:00	MTuWThF	T36	staff
526-3	Seminar in Theater Arts			
1	1:00-1:50	M W F	Wham 331	Mr Abrams
530-1 to 4	Research Problems in Theater			
1	To be arranged			staff
599-2 to 9	Thesis			
1	To be arranged			staff

TRANSPORTATION INSTITUTE

Students interested in this field should consult Mr. Alexander R. MacMillan, Director, Transportation Institute.

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite
 Summer Time

ZOOLOGY (ZOO)

102-5	General Invertebrate Zoology	.....	GSA 201b
1	8:00-8:50	Tu Th	LS 205 Mr Davis
	8:00-8:50	M W F	LS 130 Mr Davis
2	8:00-8:50	Tu Th	LS 205 Mr Davis
	10:00-11:50	M W F	LS 130 Mr Summerfelt
322-2 to 5	Problems in Zoology	..... 4.25 avg, senior standing and consent of department	
1	To be arranged		staff
382a-½ to 1	Senior Zoology Seminar	.....	Major and minor in zoology
1	1:00-1:50	M	LS 205 staff
401-5	Genetics	..... 15 hrs biology, consent of instructor	
1	10:00-10:50	Tu Th	LS 208 Mr Englert
	10:00-11:50	M W F	LS 208 Mr Englert
402-4	Natural History of Invertebrates	.....	National Science Foundation; one year zoology including 102
1	† 2:35-3:50	M W	LS 205 Mr Wilhelm
	1:10-2:25	M W	LS 213 Mr Wilhelm
	2:35-3:50	Tu Th	LS 213 Mr Wilhelm
403-4	Natural History of Vertebrates	.....	Natural Science Foundation; one year zoology including 102
1	† 7:30-8:45	Tu Th	LS 204 Mr Gersbacher
	7:30-10:10	M W	LS 204 Mr Gersbacher
404-2 to 8	Zoology Field Studies	.....	Consent of instructor
1	To be arranged		staff
501-4	Animal Biology for High School Teachers of Biology	....	National Science Foundation; one year of biology
1	† 10:20-11:35	M W	LS 213 Mr Hendrickx
	8:55-11:35	Tu Th	LS 213 Mr Hendrickx
502-2 ¹	Recent Developments in Biological Sciences	.....	National Science Foundation
1	† 3:55-5:05	Tu	LS G16 staff
	1:10-2:25	W F	LS G16 staff
	10:20-11:35	F	LS G16 staff
579-4	Animal Behavior	.....	one year of biology
1	2:00-2:50	Tu Th	LS 204 Mr Schien
	1:00-4:50	F	LS 209 Mr Schien
581-3	Readings in Current Zoological Literature	.....
1	1:00-1:50	MTuW	LS 204 Mr Gersbacher
596-3 to 12	Special Research in Zoology	.....	one year biology
1	To be arranged		LS 204 staff
599-2 to 9	Master's Research and Thesis	.....	one year biology
1	To be arranged		LS 130 staff
600-3 to 12	Doctoral Research and Thesis	.....
1	To be arranged		staff

¹ Cross-listed with Botany

† June 15-August 6

Vocational-Technical Institute

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite Instructor
Summer Time

GSA

101a-3	Introduction to Physical Science							
	A1	1:00-1:50	M	W	F	U-1		Mr Collins
	A2	2:00-2:50	M	W	F	U-1		Mr Collins

GSB

211b-3	Political Economy							
	A1	10:00-10:50	M	W	F	C-5		Mr Bietto
	A2	1:00-1:50	M	W	F	C-5		Mr Bietto

GSD

VTI G 100-0	English Composition: Grammar and Usage							
	1	1:00-1:50	M	W	F	C-0		Mrs Morris
101a-3	English Composition							
	A1	2:00-2:50	M	W	F	C-0		Mrs Morris
101b-3								
	A1	11:00-11:50	M	W	F	C-0		Mrs Morris
103-3	Oral Communication of Ideas							
	A1	2:00-2:50	MTuWTh			A-Vault 1		Mr Workun
VTI G 106-0	Elementary Mathematics							
	1	1:00-1:50	M	W	F	C-8		Mr Crenshaw
114c-3	College Algebra and Trigonometry							
	A1	11:00-11:50	M	W	F	C-8		Mr Crenshaw

VTI A

101a-5	Automotive Laboratory—Engines							
	1	8:00-10:50	MTuWThF			Bldg 2 AS		Mr Willey
125a-5	Automotive Theory—Internal Combustion Engines							
	1	11:00-11:50	MTuWThF			Bldg 2 Cl		Mr Willey

VTI B

101c-4	Accounting							101b-5
	1	9:00-9:50	MTuWThF			C-6		Mr Cundiff
126-3	Fundamentals of Business							
	1	3:00-3:50	M	W	F	C-7		Mr Johnston
130-4	Job Cost Accounting							
	1	3:00-3:50	MTuWThF			C-2		Mr Cundiff
226a-4	Business Law							
	1	8:00-8:50	MTuWTh			C-2		Mr Cundiff
229-2	Record Keeping							
	1	10:00-10:50	MTuWThF			C-6		Mr Vaughn
	2	2:00-2:50	MTuWThF			C-6		Mr Vaughn

Course No. & Hours — Descriptive Title Days . . . Bldg & Room . . . Prerequisite Instructor
Summer Time

VTI C

101d-9	Cosmetology Laboratory					101c-9
	1	8:00-11:50	MTuWThF	C Lab 2	Mrs McVey	
	2	9:00-12:50	MTuWThF	C Lab 1	Mrs Cassidy	
	3	1:00-4:50	MTuW F	C Lab 1	Mrs Hedges	
		2:00-5:50	Th	C Lab 1	Mrs Hedges	
125d-5	Cosmetology Theory					
	1	2:00-2:50	MTuWThF	Cos Cl	Mrs McVey	
	2	8:00-8:50	MTuWThF	Cos Cl	Mrs Cassidy	
	3	11:00-11:50	MTuWThF	Cos Cl	Mrs Hedges	

VTI D

101a-7	Graphics					
	1	8:00-10:50	MTuWThF	T-1	Mr Beauchamp	
121a-4	Architectural Design					110-5
	1	8:00-10:50	M W F	T-7	Mr Lougeay	
151-3	Materials and Methods of Construction					110-5
	1	8:00-11:50	Tu Th	T-7	Mr Lougeay	
		11:00-11:50	W	T-7	Mr Lougeay	
153-4	Mechanics and Strength of Materials					GSD 114c
	1	11:00-11:50	M W	T-6	Mr Lougeay	
		1:00-1:50	Tu Th	T-6	Mr Lougeay	

VTI E

104-3	Data Processing Applications					101b
	1	11:00-11:50	M W F	DP Lab	Mr Bizzel	
107-2	Data Processing Information					101a
	1	11:00-11:50	Tu Th	DP Clrm	Mr Bizzel	
206b-7	Programming Systems					206a-3
	1	3:00-3:50	MTuWThF	P 111	Mr Robb	
207-3	Data Processing Field Project					206b-7
	1	1:00-1:50	MTuWThF	Data Processing and Computing Center	Robb	

VTI F

101a-8	Woodworking—Machines					
	1	8:00-11:50	M W F	Wd Cl	Mr Osborn	
		9:00-11:50	Tu Th	Wr Lab	Mr Osborn	

VTI G

100-0	English Composition: Grammar and Usage					
	(See VTI General Studies Area D for schedule)					
106-0	Elementary Mathematics					
	(See VTI General Studies Area D for schedule)					
107-3	Technical Mathematics					
	1	2:00-2:50	M W F	C-8	Mr Crenshaw	
141-5	Introduction to Physiology					
	1	9:00-9:50	MTuWThF	C-11	Dr Bushee	
115-3	Inorganic and Organic Chemistry					
	1	10:00-11:50	M W F	C-11	Dr Bushee	

VTI J

101a-6	Printing Laboratory—Hand Platen					
	1	9:00-11:50	MTuWThF	Bldg 2 PS	Mr Pollock	

Course No. & Hours	Descriptive Title Summer	Time	Days	Bldg & Room	Prerequisite Instructor
125a-3	Printing Theory—Hand Platen				
	1	8:00–8:50	M W F	Bldg 2 Cl	Mr Pollock
152-3	Proofreading				
	1	1:00–1:50	M W F	Bldg 2 Cl	Mr Pollock

VTI K

101a-3	Calculating Machines				
	1	10:00–10:50	MTuWThF	C-9	Mr Johnston
101b-3	Calculating Machines				101a
	1	1:00–1:50	MTuWThF	C-9	Mr Johnston

VTI M

101a-5	Machine Tool Laboratory—Engine Lathe and Bench Work				
	1	9:00–11:50	MTuWThF	Bldg 1 MS	Mr Soderstrom
125a-5	Machine Tool Theory—Engine Lathe and Bench Work				
	1	8:00–8:50	MTuWThF	Bldg 1 Cl	Mr Soderstrom
201a-5	Machine Tool Laboratory—Milling Machines				101c
	1	9:00–11:50	MTuWThF	Bldg 1 MS	Mr Muhich
225a-3	Machine Tool Theory—Milling Machines				125c
	1	8:00–8:50	M W F	T-6	Mr Muhich

VTI N

140-10	Introductory Advertising and Story Illustration				130
	1	8:00–11:50	MTuWThF	K-1	Mr Boza
210a-8	Advertising and Story Illustration Theory and Practice				140
	1	8:00–11:50	MTuWThF	K-1	Mr Boza
210b-9					210a
	1	8:00–11:50	MTuWThF	K-1	Mr Boza
210c-9					210b
	1	8:00–11:50	MTuWThF	K-1	Mr Boza
230a-8	Technical Illustration Theory and Practice				210c
	1	8:00–11:50	MTuWThF	K-1	Mr Boza
230b-9					230a
	1	8:00–11:50	MTuWThF	K-1	Mr Boza
230c-9					230b
	1	8:00–11:50	MTuWThF	K-1	Mr Boza

VTI P

101b-3	Nursing Theory and Practice				101a
	1	8:00–11:50	M W F	Hospital	Mrs Mitchell
		8:00–8:50	Tu Th	PN Lab	Mrs Christensen
		10:00–11:50	Th	PN Lab	Mrs Mitchell
		2:00–3:50	Th	PN Lab	Mrs Mitchell
		1:00–3:50	M W F	Hospital	Mrs Mitchell
103a-4	Clinical Theory and Practice				101b
	1	To be arranged		Hospital	staff
		1:00–4:50	M W F	PN Lab	Mrs Chiodini
		1:00–3:50	Tu Th	PN Lab	Mrs Alcorn
103c-8	Clinical Theory and Practice				103b
	1	To be arranged		Hospital	staff
		1:00–4:50	M W F	PN Lab	Mrs Chiodini
		1:00–3:50	Tu Th	PN Lab	Mrs Alcorn
132b-1	Health				132a
	1	9:00–10:50	Tu	PN Lab	Mrs Mitchell

(Continued on next page)

Course No. & Hours	Descriptive Title	Days	Bldg & Room	Prerequisite Instructor
	9:00-9:50	Th	PN Lab	Mrs Mitchell
	11:00-11:50	Tu	PN Lab	Mrs Christensen
	1:00-3:50	Tu	PN Lab	Mrs Mitchell

VTI R

124-4	Introduction to Retailing			
1	9:00-9:50	MTuWThF	C-4	Mr Elder
176-3	Product Analysis			
1	8:00-8:50	M W F	C-4	Mr Elder
127a-3	Salesmanship			
1	10:00-10:50	M W F	C-4	Mr Elder
177a-5	Product Information Laboratory			176
1	1:00-2:50	MTuWThF	C-4	Mr Elder
201-8	Cooperative Work Experience			
1	To be arranged			Mrs Burnett
2	To be arranged			Mrs Burnett
201-4	Cooperative Work Experience			
3	To be arranged			Mr Moore
4	To be arranged			Mr Moore

VTI S

101c-3	Typewriting			101b
1	1:00-1:50	MTuWThF	C-10	Mr Johnston
107-2	Filing and Duplicating			
1	2:00-2:50	MTuWTh	C-10	Mr Tooley
104b-5	Shorthand			104a
1	2:00-2:50	MTuWThF	C-7	Miss Rocconi
105a-2	Transcription			104a
1	3:00-3:50	MTuWThF	C-10	Miss Rocconi
209a-5	Shorthand			104c
1	8:00-8:50	MTuWTh	C-7	Mrs Miriani
221a-2	Transcription			105b
1	10:00-10:50	MTuWTh	C-10	Mrs Miriani

VTI T

101c-7	Electronic Laboratory—Transmitter and Receivers			101b
1	8:00-10:50	MTuWThF	U-6	Mr Schultz
125c-5	Electronic Theory—Transmitter and Receivers			125b
1	1:00-1:50	MTuWThF	U-7	Mr Schultz

VTI W

101a-7	Welding Laboratory—Oxy-Acetylene			
1	8:00-10:50	MTuWThF	Weld Lab	Mr Dallman
125a-3	Welding Theory—Oxy-Acetylene			
1	11:00-11:50	M W F	Weld Cl	Mr Dallman

VTI Y

101c-9	Dental Prosthetics			101b
1	8:00-12:50	M	Dental Lab	Mr Bykowski
113-3	Science of Dental Materials			
1	1:00-1:50	M W F	C-11	Dr Webber
128-2	Oral Anatomy			
1	1:00-1:50	Tu Th	Amph	Dr Webber
132-4	Head and Neck Anatomy			
1	8:00-8:50	MTuWThF	C-11	Dr Webber

TENTATIVE CLASS SCHEDULE REQUEST

Name	Last	First	Middle	Record No.
------	------	-------	--------	------------

Quarter to which this applies: Fall; Winter; Spring; Summer; Year 19

Academic Unit; Major; Minor
College, School, or G.S.

Planning to Teach:	No; Elementary; Secondary	Academic Standing:	Good; On scholastic probation
--------------------	---	--------------------	--

Anticipated number of hours I will be employed:; On Campus; Off Campus

Activities:

On basis of my employment, academic standing, activities, and ability, I feel my maximum academic load should be hours.

My outline of General Studies courses completed is up to date: Yes; No; (or General Education courses for those graduating under “old” requirements; Yes; No

I have a long range plan completed showing courses I will need to take for the next three quarters: Yes; No

[illegible]

Please prepare a tentative program on this form to be presented to your adviser at the time of your appointment.



Southern Illinois University Foundation

The Southern Illinois University Foundation is a nonprofit corporation chartered by the state and authorized by the Board of Trustees to receive gifts for the benefit of the University, to buy and sell property, and otherwise to serve the University.

It respectfully asks alumni and other citizens of Southern Illinois to consider making gifts and bequests to benefit the University. Such gifts should be conveyed to the Foundation, with proper stipulation as to their uses. The Foundation, through its officers and members, will be glad to confer with intending donors regarding suitable clauses to insert in wills and suitable forms of gifts and memorials, including bequests by means of life insurance. Large or small gifts to the library will be appreciated; likewise, gifts for special equipment, buildings, endowment of professorships in particular subjects, gifts to student loan funds and scholarship funds, gifts for the use of foreign students, and endowments for particular sorts of research. Any gifts or bequests can be given suitable memorial names.

The staff members of the Foundation are

Mr. Kenneth R. Miller, *Executive Director*, Carbondale, Illinois

Mrs. Lois H. Nelson, *Secretary*, Carbondale, Illinois

Mr. Robert L. Gallegly, *Treasurer*, Carbondale, Illinois

Mr. C. Eugene Peebles, *Assistant Treasurer*, Edwardsville, Illinois

Mr. C. Richard Gruny, *Legal Counsel*, Carbondale, Illinois

Mr. Donald Leavitt, *Patent Counsel*, St. Louis, Missouri

Mr. Warren Stookey, *Field Representative*, Edwardsville, Illinois.

