

1962

## 1962 Southern Illinois University Bulletin Carbondale Campus (Summer Session)

Southern Illinois University Carbondale

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# **Southern Illinois University**

*Bulletin*



*Summer Session*

**CARBONDALE CAMPUS**

**1962**

# 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.

# 1962 Summer Session

## *Carbondale Campus*

June 18–August 10

June 18–August 31



SOUTHERN ILLINOIS UNIVERSITY BULLETIN  
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The following issues of the *Southern Illinois University Bulletin*  
may be obtained without charge from General Publications,  
Southern Illinois University, Carbondale, Illinois.

General Information  
Summer Session (Carbondale)  
Summer Session (Edwardsville)  
Schedule of Classes (Carbondale)  
Schedule of Classes (Edwardsville)  
General Announcements (Edwardsville)  
Graduate School  
College of Education  
College of Liberal Arts and Sciences  
School of Agriculture  
School of Applied Science  
School of Business  
School of Communications  
School of Fine Arts  
School of Home Economics  
University Institutes  
Division of Technical and Adult Education

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.

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## *This Bulletin . . .*

covers in detail questions concerning the 1962 Summer Session 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.

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# *Registration Calendar*

April 9–June 1	Advance registration period for students who were enrolled in the 1961 summer session or the 1962 spring quarter and for new and re-entry students who have cleared their admission status.
June 14–15	Additional advance registration period for students who were not campus enrollees during the 1962 spring quarter.
May 26	Students will receive fee statements by mail if registered by this date. Students who register after this date must pay fees at the time of registration.
June 8	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 18	Summer session begins. Last day of regular registration.
June 19	Classes begin except for certain workshop courses which begin on June 18. (See Schedule of Classes)
June 19–23	Late registration period. Late fee will be assessed. Students registering only for a special course which begins later than June 18 may register on the first meeting day of class without late fee payment.
June 23	Last registration day without dean's written approval.
June 29	Deadline for payment of fees by students whose fees were deferred.
June 30	Last day to withdraw from school to be eligible for a refund of fees.
July 2	Last day for refund application to be submitted to Registrar's Office for refund of fees.
July 6	Last day to withdraw from a course without receiving a letter grade.
July 27	Last day for making a program change or withdrawing from school except under exceptional conditions.

# *University Calendar, 1962-1963*

## SUMMER SESSION

Session Begins	Monday, June 18
Independence Day Holiday	Wednesday, July 4
Final Examinations (8-week Session)	Wednesday–Thursday, August 8–9
Commencement	Friday, August 10
Final Examinations (Summer Quarter)	Thursday–Friday, August 30–31
Quarter Ends	Friday, August 31

## FALL QUARTER

New Student Week	Friday–Sunday, September 21–23
Quarter Begins	Monday, September 24
Thanksgiving Recess	Wednesday, 12 noon–Monday, 8 A.M. November 21–26
Final Examinations	Wednesday–Tuesday, December 12–18

## WINTER QUARTER

Quarter Begins	Wednesday, January 2
Final Examinations	Wednesday–Tuesday, March 13–19

## SPRING QUARTER

Quarter Begins	Wednesday, March 27
Memorial Day Holiday	Thursday, May 30
Final Examinations	Thursday–Wednesday, June 6–12
Commencement (Carbondale)	Thursday, June 13
Commencement (Edwardsville)	Friday, June 14

Summer classes begin on Tuesday, June 19. During the fall, winter, and spring quarters, day classes begin on the second day of the quarter. Evening classes (5:30 P.M. or later) begin on the first day of the quarter.

# *The Summer Session*

THE SUMMER SESSION at the Carbondale Campus consists of a comprehensive program of courses offered by most of the departments of the University. The program 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 1962 summer session, courses for freshmen (100 level) will be offered on a regular quarter basis rather than on an eight-week basis. The summer quarter will start on June 18 and will end on Friday, August 31. A student, regardless of his classification, who plans to enroll in a 100-level course will be subject to this longer period of attendance. A very few 100-level courses have been scheduled on an eight-week basis, but these will be restricted to registration by students planning to graduate in August, 1962. Courses not on the 100 level will be offered on an eight-week basis starting on June 18 and ending August 10.

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

# 1 / General Information Concerning the University

PERSONS INTERESTED in securing complete general information about the University should contact General Publications, Southern Illinois University, Carbondale, Illinois, for the General Information issue of the *Southern Illinois University Bulletin*. This Summer Session issue contains only those items which are of particular interest to the summer session.

The central administrative offices for the University's campuses at Carbondale, Southern Acres, and Little Grassy Lake are located at Carbondale. The central administrative offices for the Alton and the East St. Louis centers are located at Edwardsville.

The facilities at Carbondale now include more than twenty-five 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.

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

## 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 student may secure a copy of the General Information issue by contacting General Publications, Southern Illinois University, Carbondale, Illinois.

## UNIVERSITY LIBRARIES

The university library system consists of four subject libraries (Education, Humanities, Science, and Social Studies), an Audio-Visual Department, and a

Textbook Rental Service, all housed in Morris Library. There are also branch libraries in the University School, the Vocational-Technical Institute, and at the Little Grassy Camp. The libraries at the Alton and East St. Louis centers are operated from administrative offices at Edwardsville.

Morris Library on the Carbondale Campus contains some 450,000 volumes plus a collection of 75,000 maps, 2,500 phonograph records, 3,500 films, and a curriculum collection of some 10,000 items. With the exception of a small collection of rare books, the entire book collection is arranged in "open stacks."

Morris Library provides a lounge for informal study and for reading current newspapers and periodicals of a general nature. Graduate students have a special study area and locker facilities. Group study areas are provided in each subject library. A browsing room, furnished informally, contains books of current information in many fields. A listening room permits students to use the record collection. Preview rooms in the Audio-Visual Department provide for individual and group viewing of films.

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

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

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

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

## HEALTH SERVICE

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

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

ment 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, and smallpox, without charge to students.

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

## **STUDENT WORK PROGRAM**

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

## **RECREATION**

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

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

Educational opportunities other than those provided through course-work are



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

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

### MOTOR VEHICLES

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

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

### 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 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*

### **Thompson Point**

Some of the Thompson Point Residence Halls are available for men during the summer session. The cost for room and twenty meals per week is \$148 for the 8-week session or \$222 for the summer quarter. Nonresidents may contract for board only at a cost of \$106 for the 8-week session or \$159 for the summer quarter. The student government also collects \$2 dues for social events.

### **Woody Hall**

A portion of Woody Hall is set aside for women during the summer session. The cost of housing and twenty meals per week is \$148 for the 8-week session or \$222 for the summer quarter. Nonresidents may contract for board only at a cost of \$106 for the 8-week session or \$159 for the summer quarter. The student government also collects \$2 dues for social events.

### **Co-operative Housing**

Co-operative housing facilities for men are available at Southern Acres, ten miles east of Carbondale. These facilities allow the residents to provide their own meals and to do their own janitorial maintenance. Rent is \$34 for the 8-week session or \$50 for the summer quarter.

## *University Housing for Married Students*

### **Southern Hills Apartments**

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

### **Thompson Point Residence Halls**

A limited number of rooms will be offered in the Thompson Point Residence Halls for families during the summer session. Rates for each adult family member are comparable to single student rates. Charges for children are reduced on a proportional basis.



*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. Vacancies listed by the Housing Office are classified as approved and nonapproved university housing. Those units which are approved must meet minimum sanitation, safety, and social standards as 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. Meals may be obtained in cafeterias or restaurants on or off campus.

## 2 / Admission and Registration

### ADMISSION

ALL INQUIRIES concerning admission to the University at Carbondale should be directed to the Admissions Office. Applications for the 1962 summer session should be made not later than May 15 so that the necessary work of processing may be completed.

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

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 session 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 session only, (2) to a former student of Southern who plans to attend the summer session, and (3) to the high school senior who ranks in the lowest third (lower half for out-of-state students) of his graduating class who is permitted to enter (on scholastic probation) for the summer quarter. 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 1961 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 1962 summer session. In the third case the student must register for more than eight hours during the summer quarter. In order to continue in attendance during the fall quarter the student must have completed his summer course work and must have earned a "C" average or above during the summer.

### *Required Tests*

Each student entering Southern Illinois University directly from high school

is required to furnish to the University scores on the test battery administered by the American College Testing Program (A.C.T.). These tests are given at regional test 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: American College Testing Program, Box 168, Iowa City, Iowa. Each applicant taking the A.C.T. tests in Illinois will also be required to take the Strong Vocational Interest Blank at the same time the former tests are given.

A 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 if the C.E.E.B. tests are submitted, are Scholastic Aptitude Test, English Composition Test, and Mathematics (Intermediate) Test. In order to have identical test data, a student who submits C.E.E.B. test data will be required to submit scores from the A.C.T. and the Strong Vocational Interest Blank as soon as possible, no later than one month after registration.

Transfer students are required to furnish A.C.T. scores to the Student Counseling and Testing Center. (A transcript of these scores is available by sending one dollar and a written request to the American College Testing Program in Iowa City.) If the scores are on file at the student's former school, a request should be made for their forwarding. Test 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 the A.C.T. tests have not been taken, arrangements to do so should be made.

## REGISTRATION

The Carbondale Campus uses a central advisement and an advance registration system. The advance registration period for the 1962 summer session is from April 9 through June 1 and on June 14 and 15. Summer session students should make every effort to consult their academic advisers and register during the advance registration period. Otherwise, they might not be able to secure needed, or desired, courses.

### *Initiation of Summer Registration*

*Undergraduate Students* in attendance at Carbondale during the 1961 summer session or the 1962 spring quarter should initiate the registration process by reporting to the Academic Advisement Center, 1218 South Thompson Street. Off-campus students should write in advance for an appointment.

A student who has taken work from Southern (Carbondale Campus) either

in residence or through extension but who was not in residence during the 1961 summer session or the 1962 spring quarter must contact the Admissions Office for clearance prior to registration.

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

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

*Graduate Students* should follow the procedure outlined above, except that graduate students who attended the Carbondale Campus during the 1961 summer session or the 1962 spring quarter should initiate the registration process by reporting to the Graduate School office, 309 West Mill Street.

### *Advisement*

Academic advisers are available by appointment throughout the advance registration period, but June 14 and 15 and Saturday mornings are reserved for students who were not on campus during the 1962 spring quarter.

### *Sectioning*

Following advisement, registrations are processed at the Sectioning Center, 1218 South Thompson Street. The Sectioning Center is open from 8:30 A.M. to 4:30 P.M., Monday through Friday, April 9 through June 1. Registration will also be processed until noon on Saturdays during this period and on June 14 and 15 for students who were not on campus during the 1962 spring quarter. On May 26, registrations will not be processed after 11:00 A.M.

### *Fees*

The fee schedule for an eight-week summer session and a regular quarter is as follows:

REGULAR FEES	EIGHT-WEEK	QUARTER
Tuition	31.50 *	\$42.00 *
Student Activity Fee	7.15	9.50
University Center Fee	5.00	5.00
Book Rental Fee	5.00	5.00
	<hr/> \$48.65 *	<hr/> \$61.50 *

\* Out-of-state students pay an additional \$37.50 \$50.00

A student taking six hours or fewer during the eight week session and eight hours or fewer during a regular quarter pays half tuition and book rental fee, full university center fee, and has an option on paying the student activity fee.

Other special fees or deposits as listed in the General Information issue will be assessed when applicable.

In the event a student enrolls in both eight-week and regular quarter classes his tuition and fees will be assessed on the quarter basis as listed above.

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

### *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 18. Program changes made for reasons other than "for the convenience of the University" will carry a \$2 fee.

Official withdrawal from the University is initiated at the Office of Student Affairs. A student who officially withdraws on or before June 30 may obtain a full refund of fees provided his application for a refund is submitted to the Registrar's Office not later than July 1. Otherwise, no refund is permitted.

### *Class Periods*

Class periods for classes scheduled on the eight week basis are seventy-five minutes in length with ten minutes allowed between consecutive class periods. Classes start at 7:30 A.M. C.D.T.

Class periods for classes scheduled on the regular quarter basis are fifty minutes in length with ten minutes allowed between consecutive periods. Classes start at 8 A.M. C.D.T.



# Academic Load

	EIGHT-WEEK	QUARTER
Normal academic load	10-12 hours	16 hours
Maximum academic load	14 hours	21 hours
Maximum if on probation	10 hours	14 hours
Minimum for full-time	8 hours	12 hours

# Requirements for the Bachelor's Degree

Although the following requirements should be met by degree candidates of all colleges and divisions, it should be noted that the general degree requirements of the University have been undergoing intensive study with a view to giving the students of the University further options and providing them with a more effective background not only for their professional careers but also for their standing as citizens in the communities to which they go after graduation. At such time as these new requirements can be published, all students will be notified and the transition from the old system of requirements to the new will be handled with as little inconvenience as possible to all concerned.

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

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

REQUIREMENTS	HOURS	COURSES
Social Studies	20	Economics 205, Geography 100, Government 101, History 101, 102, 103, 201, 202, Sociology 101 (work in four of the five departments)
Humanities	18	
English	(9)	English 101, 102, 103
English	(6)	English 205, 206, 209, 211, 212
Art or Music	(3)	Art 120, Music 100
Biological Sciences	9	
Health Education	(4)	Health Education 100
Botany or Zoology	(5)	Botany 101, 202, Zoology 100

(Continued on next page)

REQUIREMENTS	HOURS	COURSES
Mathematics and Physical Sciences	12	Chemistry, physics, and mathematics (work in two of the three departments)
Practical Arts and Crafts	3	Agriculture, business administration, home economics, industrial education (not required if the student has had any of this work in high school)
Physical Education	6	Activity courses
Air Science (Men only)	3	Air Science 110, 210, 220, six quarters of leadership laboratory, and three elective courses must be satisfactorily completed before this requirement is fulfilled.
TOTAL	71	

## 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 9 through June 1 and on June 14 and 15. Students may also register on June 18, the opening date of the summer session. Students registering only for a special course which begins later than June 18 may do so at the first meeting of the course without late fee payment.

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

### *Workshops and Short Courses*

#### **Art**

*Pottery Workshop* (Art 302-4, 426-4) June 18-30, Monday through Saturday, 9:30-12:30 and 1:30-3:30. 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 had some previous experience in ceramics more 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.



### Economics

*The Economic Education Workshop* (Economics 490-4 or Secondary Education 490-4) June 18-29, Monday through Friday, 8:55-11:35 and 1:10-3:50. This workshop will be directed by Dr. John Cochran. A student who takes this workshop could register for other courses at 7:30 or 11:45 to be taken throughout the eight-week session. Detailed information appears under "Secondary Education" in this chapter.

### Elementary Education

The Department of Elementary Education will offer seven summer workshops.

*Aero-Space Education Workshop* (Elementary Education 402-4 or Secondary Education 402-4) August 13-24, Monday through Friday, 8:55-11:35 and 1:10-3:50. See "Secondary Education" for details.

*Improvement of Instruction in Arithmetic* (Elementary Education 415-3) July 16-August 3, Monday through Friday, 1:10-3:50. The instructor will be Dr. Cleo Carter. Emphasis will be given to new instructional practices, materials of instruction, methods of providing for the gifted, and means of evaluating achievement. The workshop is open to both graduate and senior college students and is planned particularly to meet the needs of in-service and prospective teachers. Students should bring with them the new state guide.

*Workshop in Creative Writing in the Elementary School* (Elementary Education 430-3) July 9-20, Monday through Friday, 8:55-12:00 and 1:00-3:50. Teachers will 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*, *Our Children*, and others. She has run numerous workshops in all sections of the country helping teachers improve their children's writing.

*Workshop in Elementary Education (Kindergarten-Primary)* (Elementary Education 433-4) June 19-July 13, Monday through Friday, 8:55-11:35. This workshop is designed to meet the needs of those in-service and pre-service kindergarten and first grade teachers who wish to improve the educational program for young children by studying problems related to school beginners, curriculum, administrative procedures, evaluation and parent education, and the implications of the needs of four-, five-, and six-year-old children as they relate to the school program. Library facilities and the facilities of the University School will be drawn upon to furnish background for discussion of current issues. Much time will be devoted to group and individual observation

in the University School. Dr. Rebecca Baker is the instructor. Staff of the University will be made available for discussion and consultation wherever needed.

*Workshop in Elementary School Foreign Language Instruction* (Elementary Education 435-4 to 8) June 18-July 13, Monday through Friday, 7:30-11:35. This workshop is offered in co-operation with the Department of Foreign Languages.

*Supervision of Elementary Student Teaching* (Elementary Education 518-2) June 19-July 16, Monday through Thursday, 10:20-11:35. This is a new program, which has not been previously offered, to help public school teachers who have the responsibility for supervising student teachers. It will be taught by Dr. Cleo Carter.

*Instructional Leadership in Elementary Education* (Elementary Education 599-3) June 18-29, Monday through Thursday, 8:55-12:00 and 1:10-3:50. Elementary principals will work with Dr. Woodson Fishback, Director of the Illinois Curriculum Program. There will be about seven new instructional guides published during 1961-62 by the State Department of Public Instruction. The workshop will be devoted to ways in which principals can work with their teachers on the utilization of these guides for the improvement of instruction. Stress will be on in-service training and curriculum development in the individual school. Dr. J. Murray Lee will be assisting Dr. Fishback.

### **English**

*English Institute* (English 581A-4, 581B-4, 581C-4) June 18-August 10. Southern, in co-operation with the Commission on English of the College Entrance Examination Board, will hold an institute for secondary school teachers selected by the University from secondary schools—public, private, and parochial. Each teacher will undertake three graduate-level courses: literature, language, composition. In addition, he will develop materials and assignments appropriate for secondary school English. Enrollment is limited.

### **Food and Nutrition**

*School Lunch Program* (Food and Nutrition 249-2) June 18-22, Monday through Friday, 9:00-12:00 and 1:00-4:00. This course will be of value to all interested in the school lunch program. It will include up-to-date information on quantity food production, use of the school lunch room for emergency feeding, equipment, sanitation, management, and personnel relationships. It will not be a duplication of Food and Nutrition 248, which was offered last summer. It will be conducted by Miss Henrietta Becker, former director of the dietetics department at Barnes Hospital.

### Foreign Languages

*Travel-Study Course in Mexico* (Spanish 360). This course is offered in conjunction with the Summer Study Abroad Program of the Latin American Institute and will consist of two and one-half weeks of travel and study in Mexico preceding registration at the University of Guanajuato, where the group will attend classes for six weeks. The two programs will carry a maximum of twelve quarter hours credit (3 from Southern, and 9 from the University of Guanajuato).

Spanish 360 is open to all students who have completed Spanish courses at the second-year college level. Applications will 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 Guanajuato, but preference will be given those participants taking the complete program.

Students will travel by auto, leaving Carbondale on June 15 and returning about August 15. Lectures will be given by the director at various points en route, as well as at Guanajuato; and the group will have the services of special guides and professors while in Mexico City for one week.

The fee for the combined Travel-Study and Summer Study Abroad programs has been set at \$400 and will include transportation, lodging, and guide service, plus academic fees and meals at Guanajuato (but not elsewhere). A preliminary registration fee of \$25 is due not later than April 15, with the balance due not later than May 15. In addition, students in Spanish 360 will be subject to one-half the regular summer registration fee at Southern.

Enrollment will be limited to eighteen, and applications will be accepted on a strict priority basis. The institute and the director of the study group jointly reserve the right to accept or reject applicants.

### Geography

*Workshop in the Geography of Latin America* (Geography 485-4) June 18-July 21, Monday through Friday, 8:55-11:35. This workshop, offered jointly by the Department of Geography and the Latin American Institute, is designed primarily for in-service geography and social-studies teachers in the elementary and junior high schools. The prime objective of the workshop is to create in the teacher a thorough understanding of, and identification with, Latin America, its environment and culture.

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

*Field Course* (Geography 515-4) September 1-15. This course is primarily for graduate and post-graduate students of geography. It is designed to give actual experience in the study of geographic problems in the field. Under guidance of staff members, students will gather data and work toward the solution of selected field problems in the area accessible to Southern Illinois. The course will not be offered on campus. The students will spend two full weeks in the field. Prerequisites: master's degree or Geography 500 and 501.

### **Guidance**

*Institute for Rehabilitation Personnel* (Guidance 481-4) July 8-20 and August 12-24, Monday through Friday, 7:30-11:35 and 1:10-2:30. Sponsored by the Rehabilitation Institute, this course is designed primarily for those workers already employed in the broad field of rehabilitation. Emphasis will be placed upon the scope of rehabilitation, services available to the handicapped, skills inherent in the rehabilitation process, and methods of mobilizing professional and community resources to meet the needs of the disabled.

The Illinois Division of Vocational Rehabilitation, the Illinois Tuberculosis Association, 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 will participate.

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

### **Health Education**

*Workshop in School Health Education* (Health Education 461-4, 462-4, or 463-4) June 18-July 13, Monday through Friday, 1:10-4:30. The workshop is open to senior and graduate students and to others by special permission of the workshop director.

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



### Home and Family

*Selection, Use, and Care of Appliances* (Home and Family 424-4) July 16-August 10, Monday, Tuesday, Thursday, and Friday, 7:30-10:10. The course is open to seniors and to graduate students. It will be of particular interest to those who wish to improve their competency as consumer buyers and users of equipment and to those who have a professional interest in equipment, such as teachers, extension, home service and business workers in the field.

### Home Economics Education

*Parent Education Leadership Training* (Home Economics Education 507-2) June 18-22, Monday through Friday, 9:00-12:00 and 1:00-4:00. This workshop is designed for both professional and lay leaders of study-discussion groups in parent and family life education or child study such as social workers, guidance counselors, adult education leaders, and home economics teachers. The program will feature small training groups, demonstrations, and techniques of adult study of children's behavior. A number of resource consultants will be available.

Materials will be provided in a leadership packet supplemented with references, films, skits, panels, and demonstrations by experienced groups.

*Programs for Gifted Students* (Home Economics Education 507-3) June 25-July 6, 9:00-12:00 and 1:00-4:00. This workshop is planned for teachers who are interested in exploring programs for talented students in relation to philosophy, curriculum, and methods. Resource people will be used as consultants.

### Industrial Education

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

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

Research and Experi-	June 19-22
mentation in Indus-	June 25-28
trial Education Shops	
or Laboratories	

Dr. Arthur W. Earl, Professor  
Industrial Education Department  
Montclair State College of New  
Jersey

A Look at New Curriculum Areas in Industrial Education	July 2-6 July 9-12	Dr. John A. Jarvis, Dean School of Industrial Education Stout State College
Analysis as the Basis for Instruction in Industrial Education	July 17-20 July 23-26	Mr. Arthur Elges, Supervisor Vocational and Technical Education Detroit Public Schools
The High School Industrial Education Department and Its Function	July 31-August 3 August 6-9	Dr. Byrl R. Shoemaker, State Supervisor Trade and Industrial Education State Department, Columbus, Ohio

### Instructional Materials

*Preparation of Teacher-Made Audio-Visual Materials* (Instructional Materials 445-4) June 18-July 13, 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, accordions, passe-partout, slides, transparencies, lettering, and dioramas; mounting of pictorial materials; and many other production skills. This course will demonstrate how these instructional aids can be produced with a minimum of materials and time.

### Music

*Opera Workshop* (Music 346-2 to 8 or 568-2 to 8) *Section 1*. In cooperation with the Department of Theater, the Department of Music is offering its Seventh Annual Summer Opera Workshop, under the direction of William Taylor. The workshop 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 *Pajama Game* have been presented. *Showboat* is planned for the 1962 summer session. Members of the workshop will be 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 P.M. 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 346-2 to 8 or 568-2 to 8) *Section 2*. Initiated on a trial basis last summer, the opera workshop will be offered at Hot Springs, Arkansas, under the direction of Marjorie Lawrence. Students may elect 2, 4, 6, or 8 hours of credit with consent of the instructor. Housing will be 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 will offer 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 music theory will be offered. Several performances of outstanding oratorio and operatic excerpts will be given in Hot Springs and surrounding communities, culminating in a final concert at the end of the session.

*Elementary Music Education Workshop* (Music 455-4) June 25-July 6, Monday through Friday, 9:00-12:00 and 1:30-3:30. The workshop, presented by Dr. Thomas, assistant professor of music, meets in air-conditioned Altgeld Hall and is open to all elementary teachers who are concerned with teaching music in the classroom.

### **Physical Education for Men**

*Physical Fitness: Its Role and Application in Education* (Physical Education for Men 408-2 to 4, Physical Education for Women 408-2 to 4) June 18-July 13, Monday through Thursday 1:10-3:50. This workshop is designed for teachers of physical education in the schools, colleges, and universities and for others interested in the functioning of the human body, the causes of its deterioration, and the methods of improving its general efficiency. A mastery of the general content of the workshop will enable teachers to more comprehensively design courses of instruction in physical education which are intended to contribute to the knowledge, skills, and appreciations of people (students) concerning the development and maintenance of bodily fitness.

The purposes of the workshop are to enable teaching personnel and others (1) to acquire a greater understanding of teaching approaches concerned with human bodily functioning with particular emphasis on postural status and its variations; exercise tolerance or bodily capacities to sustain effort, to resist fatigue, and to recover quickly; tension control and prevention; muscular strength, its measurement, development, and significance; body weight analysis and its control or re-direction; and flexibility with its relation to general bodily movement and tension; (2) to grasp new directions and to stimulate creativity in planning a teaching approach involving greater emphasis on the areas indicated above; (3) to discuss problems of mutual interest or concern on particular topics related to the course and to develop solutions from the combined experience of course instructors and students; (4) to explore through intensive, guided instruction and discussion the specific areas indicated above; and (5) to enable students to select the concepts and methods found to be readily applicable to their own teaching situation.

### **Physical Education for Women**

*The Sports Program for Junior and Senior High School Girls* (Physical Education for Women 363-1 to 4) June 18-July 12, Monday through Thursday,

1:10-3:50. This course is offered for those teachers who need more training in teaching girls physical education. It is divided into four one-week units. Each unit may be taken for one hour of credit.

June 18-21	Tumbling, stunts, and trampoline
June 25-28	Speedball
July 2-6	Bowling (fee required)
July 9-12	Games requiring inexpensive equipment

*Physical Fitness: Its Role and Application in Education* (Physical Education for Women 408-2 to 4). See details under Physical Education for Men.

### **Recreation and Outdoor Education**

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

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

*Playground Leadership Workshop* (Recreation and Outdoor Education 312-2) June 13-16. This workshop will be offered for recreation majors and minors and for those who desire some preparation and leadership training for playground programs, church programs, and youth leadership programs for the summer.

### **Secondary Education**

*Aero-Space Education Workshop* (Secondary Education 402-4 or Elementary Education 402-4) August 13-24, Monday through Friday, 8:55-11:35 and 1:10-3:50. The purpose of this workshop is to stress the importance of the topic of aero-space education in modern civilization. Every effort will be made to study well the social implications for present day society. Some of the most elementary questions in the scientific background of this period will be answered to the extent that such information is needed by the social studies teacher in discussing these problems. The United States Civil Air Patrol is co-operating with the two departments in arranging and carrying out the duties of this workshop.

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



*Economic Education Workshop* (Secondary Education 490-4 or Economics 490-4) June 18-29, Monday through Friday, 8:55-11:35 and 1:10-3:50. Dr. John A. Cochran of the Department of Economics and Mr. Harold DeWeese will serve as co-ordinators. The plan is to have lectures dealing with common economic problems presented daily by outside resource people. The remainder of each day will be devoted to discussing the content of the lectures and suggesting implications for developing economic concepts in the schools' curricula, grades one through twelve.

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

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

### **Special Education**

*The Gifted Child* (Special Education 418-4) July 16-27, Monday through Friday, 8:00-3:00. A demonstration class will be taught by an outstanding teacher in conjunction with the theory part of the course. The course will explore problems of screening and identification and will examine methods of enrichment and acceleration. Major emphasis will be on teaching so that students in the workshop will be able to carry out programs in the local school situation.

### **Theater**

*Theater Practicum* (Theater 322-12 or 519-12). The Department of Theater, which has in past summers conducted a summer-stock company in the Shepherd of the Hills Theater, Branson, Missouri, and New Salem State Park near Springfield, Illinois, will bring the company to the Carbondale Campus for the fourth summer in 1962.

In the air-conditioned Playhouse the company will present Moliere's *The Imaginary Invalid*, Giraudoux's *The Enchanted*, O'Casey's *The Silver Tassie*, Langer and Marshall's *The Pursuit of Happiness*, and Shaw's *Pygmalion*. The departments of Theater and Music will co-operate in the presentation of *Showboat*.

Teachers, college students, and citizens of Carbondale and other Southern Illinois communities who wish to join the company need only register, with the consent of the Department of Theater, for twelve hours in Theater Practicum.

Anyone interested in performing only in *Showboat* should write to Mr. William Taylor, Department of Music.

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

### *Summer Institutes for High School Teachers*

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

#### **Biology**

Southern Illinois University is one of several universities selected by the National Science Foundation to offer a special eight-week institute for biology teachers. The institute will run concurrently with the summer session, June 18 through August 10.

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

Under terms of the grant from the National Science Foundation, teachers who qualify can receive up to \$75 per week plus \$15 weekly for each of their first four dependents. In addition, they may receive a maximum of \$80 travel allowance. Tuition scholarships will be provided by the University. Applications for stipends may be obtained from the NSF Summer Institute for High School Teachers of Biology, Room 11, Life Science Building. The completed forms must be postmarked by February 15, 1962.

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

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

### German

Southern Illinois University, in co-operation with the U.S. Office of Education under the Language Development Program of the National Defense Education Act of 1958, is again sponsoring an institute for 40 secondary-school teachers of German. Last summer, Southern's NDEA institute was one of 75 such institutes for the purpose of upgrading the language proficiencies of foreign-language teachers.

The purpose of Southern's second NDEA German institute (like that of approximately 100 other summer institutes now being organized by the U.S. Office of Education) is to make available opportunities to (in our case) high school teachers of German to increase their audio-lingual proficiency in German and to become better acquainted with the latest techniques and materials of instruction. Emphasis will be placed on aural comprehension, speaking, writing; training in applied linguistics; proper use of the language laboratory; and a study and understanding of Germanic cultures.

Under the provisions of the National Defense Education Act of 1958, public school teachers will receive, upon application, \$75 per week plus \$15 per week for each dependent, while in attendance at the institute. No tuition or other fees will be charged the participants, outside of their room and board costs. A limited number of private school teachers will be selected on a no-tuition-and-fees basis; however, they will not be eligible to receive NDEA stipends.

Criteria for admission: (1) at least a bachelor's degree, (2) superior scholarship, (3) minimum of three years of college German or equivalent experience, (4) an initial rating of "good" in aural-oral proficiency in German, (5) evidence of high potential as a teacher, excellent character, and willingness to speak only German at all times during the planned activities of the institute, (6) no previous record of attendance at NDEA language institutes, (7) reasonable assurance that the applicant plans to enter or continue in secondary-school, modern-language teaching.

Nine quarter hours of graduate credit will be earned by the students attending the institute. Classes meet Mondays through Saturday mornings, June 25–August 10. Members of the teaching staff and all informants will reside with the participants at Thompson Point and assist as hosts at the German tables at the Lentz Hall cafeteria. The informants will also supervise the German conversation during coffee breaks and all planned recreational activities.

The core of the program will be daily lectures in German designed to acquaint the participants with Germanic cultures. Small daily conversation and composition classes will be taught by off-campus professors, all fluent speakers of German. The course on linguistics and laboratory techniques will deal with the principles of linguistic science and their application to language teaching and will provide practice in preparation of laboratory materials. Students will

practice daily in the modern language laboratory. A high school teacher with experience in the new "key" methods of language teaching will demonstrate to participants the latest teaching methods. For the latter purpose, a high school class will be organized and conducted by the demonstration teacher. Several times a week, the participants will take part in evening programs of German songs, dances, movies, special lectures on topics of professional interest, etc.

The participants will not be permitted to bring their families.

The room and board charge includes all meals (except supper on the second and subsequent Sundays), the furnishing and changing of bed linens, towels, etc., and establishes the participants' right to park a car in a special parking lot and take part in the Thompson Point social activities.

Application forms must be postmarked no later than March 1, 1962. For additional information and application blanks, consult Dr. Hellmut A. Hartwig, NDEA Summer German Institute, Southern Illinois University, Carbondale.

### **Mathematics**

A Summer Institute for High School Teachers of Mathematics, sponsored by the National Science Foundation, will be offered by Southern Illinois University during the 1962 summer session. The purpose of the institute is to improve the teaching of high school mathematics by raising the level of mathematical competence of the teachers.

Approximately fifty teachers will be admitted to the institute. Stipends will be provided for the participants by the National Science Foundation, and Southern Illinois University will provide tuition scholarships for them. Applications for stipends must be submitted by February 15, 1962. Application blanks may be obtained from Morton R. Kenner, director of the institute.

## **NONCREDIT COURSES**

### *Adult Education Short Courses*

A wide variety of noncredit adult-education courses are offered by the Division of Technical and Adult Education. Some are described below.

Adult Education also offers various courses which meet one night a 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, Carbondale, Illinois.

*School Lunch*, June 18–22. Mornings will be given over to quantity food products, and the afternoon sessions will deal with evaluations, sanitation, using the school lunch room for emergency seating, and working with people.



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

*Marine Chemical*, June 21–23. This course, offered in co-operation with the Transportation Institute and the Department of Chemistry, is for inland waterway personnel in techniques of transporting, loading, or unloading all types of chemicals. Tuition: \$5 plus fees for housing, food services, and instructional supplies.

*Motor Carrier Sales*, July 16–18. This course is designed primarily for sales managers and sales representatives to aid them in increasing customers, to acquaint potential customers of the services of the company, and to build better public relations. It is offered in co-operation with the Transportation Institute. Tuition: \$5 plus fees for housing, food services, and instructional supplies.

*School of Advanced Cosmetology*, July 23–August 3. 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 in chemistry of cosmetics, physics of hair, contest work in hairstyling, makeup, salon management, time and motion study, advertising, art, and color design; all to produce higher profits. Housing and food service available.

*Public Relations and Sales for Inland Waterways*, July 25–26. This course, offered in co-operation with the Transportation Institute, is for management and sales personnel of all types of waterways business concerns to emphasize new ideas and techniques. Getting the Public to Know You is the theme. Included is a study of better selling techniques to increase sales. Tuition: \$5 plus fees for housing, food services, and instructional supplies.

*Illinois Banker's School*, September 3–13. 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.

### *Lectures and Conferences*

Each summer, as well as during the regular school year, various departments schedule conferences, lectures, exhibits, or clinics in co-operation with the

Division of University Extension. Several such activities have been scheduled during the 1962 Summer Session. A partial list of those that will be of particular interest to summer school students is provided below.

*Workshop for Instructors of Surgical Technicians*, June 18-29. The course is intended for those interested in and responsible for training of operating room technicians and is sponsored by the Department of Nursing. It will be conducted by Miss Frances Ginsberg, R.N., visiting professor, consultant in aseptic practice, Bingham Associates Fund, Boston, Massachusetts. Enrollment is limited, and registration fee must be paid at the time of enrollment.

*First National Workshop for Tennis Teachers*, June 20-23. This workshop, designed for those who teach tennis in a group or class situation, is sponsored by the United States Lawn Tennis Association; The American Association for Health, Physical Education, and Recreation; and Southern Illinois University. Enrollment is limited to 100. For additional information write to Mr. John R. LeFevre, Intercollegiate Athletics.

*Educational Materials Exhibit*, June 26-28. This is considered one of the outstanding exhibits of educational materials held in the midwest. Representatives of approximately one hundred publishers and distributors of educational materials will be available to explain their products. For further information contact Dr. Benson B. Poirier, Assistant Dean, Division of University Extension.

*Summer Education Conference*, June 27, 28. In connection with the Educational Materials Exhibit, the College of Education sponsors a conference dealing with current educational problems. Noted authorities are in attendance to discuss and investigate the various aspects presented by the problems. In 1962 the conference theme will be New Media in Education. Additional information can be obtained from Dr. Paul Wendt, Department of Instructional Materials.

*Administrative Principles of Aseptic Technic*, July 9-10. An institute for administrators, assistant administrators, directors of nursing and their assistants, purchasing agents, etc. will be conducted by Miss Frances Ginsberg. An enrollment of \$5 per person will be charged and is payable at the time of registration. For further information, write to Miss Virginia Harrison, Chairman, Department of Nursing.

*Annual Coaching Clinic*, August 8, 9. 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 Illi-

nois University graduates are invited to attend without charge. A small fee is charged other coaches. Additional information is available from Dr. Andrew Vaughan, Department of Physical Education for Men.

### *Programs for High School Students*

#### **Music and Youth at Southern**

This summer for the first time the Department of Music, in co-operation with the Division of Extension and with Area Services, is offering a summer program in music for precollege students. The two-week session begins July 8 and ends July 21. Total fee for the period is \$54, including tuition and room and board at University residence halls. Outstanding leaders in music education will rehearse the three main performing organizations: band, chorus, and orchestra. An intensive musical schedule, including sectional rehearsals and private lessons, together with introductory listening courses in music literature will be provided. Musicians of high school age (including recent eighth grade graduates) are eligible to participate. Recreational activities will be centered around campus facilities, including the new University Center. Final public programs by the performing organizations are scheduled for the end of the session.

#### **National Science Foundation Programs**

Special courses for high school students with superior backgrounds will be offered during the eight-week summer session in anthropology, botany, chemistry, mathematics, microbiology, physiology, psychology, and zoology. The courses are designed for high-ability students ranking in the upper quarter of their classes, for scholarship winners, and for students having special ability in science courses. The courses will be offered in units consisting of any two of the above fields of the student's choice. All students will attend daily morning lectures in both subjects of his unit, and, in addition, will spend his afternoons conducting research problems under supervision in the course he designates as his field of major interest.

Approximately 45 students will be chosen to attend the session starting June 18 and terminating August 11. This program, under the support of the National Science Foundation, affords an excellent opportunity, for students who qualify, to matriculate in college-level science offerings. There is no tuition fee; and board, room, and travel will be 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 1962 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. George H. Gass, Department of Physiology, Southern Illinois University, Carbondale, Illinois.

### Summer High School Workshops in Communications

During the 1962 summer session, Southern Illinois University will conduct its sixth annual Summer High School Workshops in Communications. Workshops will be held in journalism, debate, drama, photography, and radio-television. Open to superior high school students who are currently in their sophomore or junior year, the workshops will run, concurrently, for a period of four weeks beginning July 1. High school students will live in university-supervised residence halls. Each of the workshops is designed to provide an enriching experience for high school students interested in communications. The students who attend should be those who will return to their schools with attitudes and skills which make for better high school programs.

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

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

The *drama* workshop consists of work in (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 will provide experience in taking, developing, printing, and editing pictures for publication.

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

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

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



# 4 / Map of Carbondale Campus

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

## ALPHABETICAL LIST OF BUILDINGS

T32	Accounting, Department of (G-6)	T40	Education Classrooms (H-5, 6)
T15	Administrative Deans (F-6)	T41	Education Classrooms (H-5, 6)
T78	Adult Education (H, I-10)	20	Electric Sub-station No. 9 (I-6)
T65	Advisement Center (H-5)	T91	English, Department of (J-9)
T63	AFROTC Supply (F-7)	T102	English, Department of (G-9)
26	Agriculture Building (I-5)	T136	English, Department of (G-9)
3	Allyn Building (G-6)	R5	Episcopal Foundation (I-10)
104	Alpha Gamma Delta (L-4)	T15	Extension Service (F-6)
T159	Alpha Phi Alpha (C-7)	T135	Faculty Club (G-4)
2	Altgeld Hall (G-7)	117-119	Family Housing (B, C-1)
T14	Alumni Service (F-6)	121-122	Family Housing (C-1)
18	Animal Building (I-6)	123-124	Family Housing (D-1)
5	Anthony Hall (F-6)	125-127	Family Housing (C, D-1, 2)
T97	Anthropology, Department of (K-9)	128-129	Family Housing (B, C-2)
57	Applied Science Laboratory (E-4)	131	Family Housing (C-2)
T87	Area Psychological Service (C-8)	134-137	Family Housing (B, C-2, 3)
T46	Area Services Conference House (F-6)	T29	Form Quonset Machine Shop (H-4)
T123	Art, Department of (I-9)	34	Felts Hall (K-4)
T116	Asian Studies (M-8)	T143	Film Production Storage (M-8)
T34	Auditor (H-6)	T115	Film Production Units (L-7)
28	Bailey Hall (J-4)	T157	General Improvements (B, C-7)
R1	Baptist Foundation (H-7)	T86	General Publications (D-8)
R2	Baptist Foundation (J-7)	T105	Geography and Climatology Laboratory (J-5)
79	Beach House (J-2)	T107	Geology (K-5)
T162	Biology Research (L-6)	T119	Geology (K-6)
T94	Botany and Zoology (J-6)	T137	Government, Department of (H-10)
31	Bowyer Hall (J-3)	T77	Graduate School, Dean of (H-10)
33	Brown Hall (K-3)	19	Greenhouses (I-6)
T34	Bursar (H-6)	108-109	Group Housing (M-3, 4)
T33	Business Manager (H-6)	111-112	Group Housing (M-4)
T32	Business, School of (G-6)	115-116	Group Housing (N-4)
T145	Business, School of (I-9)	T74	Guidance, Department of (J-7)
T106	Cartographic Office (J-5)	7	Gymnasium (F-7)
T167	Center for Study of Delinquency, Crime, and Corrections (K-9)	T85	Health Education and Safety (D-8)
T66	Central Clinical Services (J-6)	T138	Health Education, Department of (I-8)
T39	Central Mailing (H-6)	T44	Health Service (D-6, 7)
T99	Central Research Shop (L-7)	T98	Health Service (D-7)
80	Chlorination Pump House (J-2)	T108	Higher Education (J-7)
R3	Christian Foundation (E, F-8)	T144	Higher Education, Department of (H-10)
T85	Civil Defense (D-8)	42	Home Economics Building Group (F, G-8)
T105	Climatology Laboratory (J-5)	T18	Housing Office (G-6)
T127	Community Development (K-6)	T57	Illinois Avenue Residence Hall (F-9)
T140	Community Development (K-6)	T22	Industrial Education, Classroom (H-4)
T101	Cooperative Wildlife Research (J-7)	T26	Industrial Education Offices, Classrooms, and Drafting Room (H-4)
T100	Coordinator of Research (L-8)	T25	Industrial Education Shops (G-5)
T39	Data Processing and Computing Center (H-6)	21	Industrial Education Wing, University School (I-8)
101	Delta Chi (M-4)	T73	Industrial Psychology Annex 4 (L-7)
103	Delta Zeta (M-4)	T134	Information Service (L-6)
T125	Design (J-5)	T81	Isotope Research (L, M-7)
T126	Design (J, K-6)	T163	Janitorial Services (K-7)
T128	Design (J-6)	T48	Journalism, Egyptian (H-4)
T129	Design (K-6)	T124	Labor Institute (L-7)
T149	Design Shop A (K-6)	T92	Latin American Institute (D-7)
T150	Design Shop B (J-6)	56	Laundry (E-4)
T151	Design Shop C (J-6)	27	Lente Hall (J-4)
T152	Design Shop D (K-6)	17	Life Science Building (I-6)
T155	Dewey Editorship (M-8)	13	McAndrew Stadium (F-5)
T12	Economics (L-6)	T29	Machine Shop, Farm Quonset (H-4)
T31	Economics, Department of (G-6)	T146	Management (K-9)
T42	Education Administration (H-5, 6)	T109	Marketing (J-7)

# ALPHABETICAL LIST OF BUILDINGS (Continued)

T110	Mathematics (J-9)	36	Residence Hall (K-4)
T111	Mathematics (J-9)	37	Residence Hall (K-4)
T2-19	Men's Residence Halls (C-6, D-6)	38	Residence Hall (K-4)
T96	Mentally Retarded (L-7)	39	Residence Hall (J, K-4)
R4	Methodist Foundation (F-9)	T108	Secondary Education (J-7)
T164	Microbiology, Department of (M-8)	T32	Secretary of Faculty (G-6)
T106	Mississippi Valley Investigation (J-5)	T65	Sectioning (H-5)
T133	Mixed Racial Group Housing (C-8)	T118	Security Officer (G-6)
25	Morris Library (I-6)	14	Service Building No. 1 (F-4)
R6	Newman Foundation (D, E-8)	15	Service Building No. 2 (F-4)
R7	Newman Foundation (Proposed) (D, E-9)	78	Shelter and Boat Dock (H, I-3)
T95	Nursery and Psychology (K-5)	6	Shryock Auditorium (G-7)
T119	Office of Student Affairs (G-6)	102	Sigma Kappa (M-4)
1	Old Main (F-7)	105	Sigma Psi (L-3)
4	Parkinson Laboratory (G-6)	107	Sigma Sigma Sigma (M-4)
T113	Personnel Office (F-6)	T80	Small Business Institute (L-9)
T113	Phi Sigma Kappa (M, N-4)	T79	Sociology (J-9)
T132	Photographic Service (D-7)	T104	Sociology (J-9)
T27	Photography Classroom (H-4)	T121	Sociology (I-9)
41	Physical Education and Military Training Building (Proposed) (G-3)	T36	Southern Playhouse (H-6)
T76	Physical Education (H-10)	T75	Special Education, Department of (J-7)
T58	Physical Education Annex (E-7)	T38	Speech, Department of and Classrooms (H-6)
22	Physical Education Wing, University School (I-9)	T61	Speech and Hearing Clinic (K-7)
T153	Physiology, Department of (B-7)	T156	Speech Correction, Department of (K-8)
10	Pierce Hall (J-3)	51	State of Illinois Public Health Laboratory (M-6)
T34	Placement (H-6)	32	Steagall Hall (J-3)
T120	Plan "A" House (G-4)	11	Steel Bleachers (F-5)
12	Power Plant (E-5)	T39	Stenographic Service (H-6)
T45	President's Office (H-7)	9	Storage (G-7)
T142	Psychology (L-6)	T10	Storage Building (D-6)
T68	Psychology, Department of, Annex 1 (K-6)	T19	Student Affairs, Office of (G-6)
T70	Psychology, Department of, Annex 2 (K-6)	T15	Student Employment (F-6)
T71	Psychology, Department of, Annex 3 (L-6)	106	Tau Kappa Epsilon (M-3)
T69	Psychology, Main Office (K-6)	T78	Technical and Adult Education, Division of (H, I-10)
T60	Psychology Perception Laboratory (K-7)	84	Tennis Courts (F-3)
10	Pump House (F-6)	T18	Testing Center (G-6)
30	Pump House No. 2 (J-3)	114	Theta Xi (M-4)
T33	Purchasing and Accounting (H-6)	205	Trailer Court Service Building (B-6)
T37	Radio Studio (G-6)	T113	Transportation Institute (D-8)
T108	Reading Center (J-7)	T158	University Architect Construction Division (G-6)
T1	Recreation and Apartment (D-6)	45	University Center (G-6)
T81	Recreation and Outdoor Education (L, M-7)	H1-H76	University Housing (F-9, F-10, G-5, G-9, J-5, J-6, K-5, K-6)
T84	Recreation and Outdoor Education, Department of (D-8)	T117	University Press (K-7)
T35	Registrar (H-6)	23	University School (I-9)
T114	Registrar Storage (C-7)	83	Vice President, Office of (H-7)
T62	Rehabilitation Counselor Training (K-7)	T161	Virology Research Laboratory (M-6)
T103	Rehabilitation Institute (K-7)	8	Wheeler Hall (F-8)
T93	Rehabilitation Institute Administrative Offices (K-7)	T67	Wildlife Research Laboratory (J-6)
T90	Rehabilitation Perception Research (L-7)	24	Woody Hall (G-8)
T76	Research Laboratory (H-10)	T72	Zoology (L-6)
35	Residence Hall (K-4)		

# NUMERICAL LIST OF BUILDINGS

1	Old Main (F-7)	25	Morris Library (I-6)
2	Altgeld Hall (G-7)	26	Agriculture Building (I-5)
3	Allyn Building (G-6)	27	Lentz Hall (J-4)
4	Parkinson Laboratory (G-6)	28	Bailey Hall (J-4)
5	Anthony Hall (F-6)	29	Pierce Hall (J-3)
6	Shryock Auditorium (G-7)	30	Pump House No. 2 (J-3)
7	Gymnasium (F-7)	31	Bowyer Hall (J-3)
8	Wheeler Hall (F-8)	32	Steagall Hall (J-3)
9	Storage (G-7)	33	Brown Hall (K-3)
10	Pump House (F-6)	34	Felts Hall (K-4)
11	Steel Bleachers (F-5)	35-39	Residence Halls (K-4)
12	Power Plant (E-5)	41	Physical Education and Military Training Building (Proposed) (G-3)
13	McAndrew Stadium (F-5)	42	Home Economics Building Group (F, G-8)
14	Service Building No. 1 (F-4)	44	College of Education (Proposed) (J-8)
15	Service Building No. 2 (F-4)	45	University Center (G-6)
17	Life Science Building (I-6)	56	Laundry (E-4)
18	Animal Building (I-6)	57	Applied Science Laboratory (E-4)
19	Greenhouses (I-6)	78	Shelter and Boat Dock (H, I-3)
20	Electric Sub-Station No. 9 (I-6)	79	Beach House (J-2)
21	Industrial Education Wing, University School (I-8)	80	Chlorination Pump House (J-2)
22	Physical Education Wing, University School (I-9)	83	Office of the Vice President (H-7)
23	University School (I-9)	84	Tennis Courts (F-3)
24	Woody Hall (G-8)	101	Delta Chi (M-4)





## NUMERICAL LIST OF BUILDINGS (Continued)

- 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)
- H**
- H1-H76 University Housing (F-9, 10; G-5, 9; J, K-5, 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-6, D-6)  
 T10 Storage Building (D-6)  
 T11 Personnel Office (F-6)  
 T12 Alumni Service (F-6)  
 T15 Administrative Deans; Extension Service; Student Employment (F-6)  
 T18 Housing Office; Security Officer; Testing Center (G-6)  
 T19 Office of Student Affairs (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 Auditor; Bursar; Placement (H-6)  
 T35 Registrar (H-6)  
 T36 Southern Playhouse (H-6)  
 T37 Department of Speech, and Classrooms (H-6)  
 T38 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)  
 T46 Area Services Conference House (F-6)  
 T48 Egyptian; Journalism (H-4)  
 T57 Illinois Avenue Residence Hall (F-9)  
 T58 Physical Education Annex (E-7)  
 T60 Psychology Perception Laboratory (K-7)  
 T61 Speech and Hearing Clinic (K-7)  
 T62 Rehabilitation Counselor Training (K-7)  
 T63 AFOTC 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; Research Laboratory (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)  
 T81 Recreation and Outdoor Education; Isotope Research (L, M-7)  
 T84 Department of Recreation and Outdoor Education (D-8)  
 T85 Civil Defense; Health Education and Safety (D-8)  
 T86 General 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 Mentally Retarded (L-7)  
 T97 Department of Anthropology (K-9)  
 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 Higher Education; Reading Center; Secondary Education (J-7)  
 T109 Marketing (J-7)  
 T110-T111 Mathematics (J-9)  
 T113 Transportation Institute (D-8)  
 T114 Registrar Storage (C-7)  
 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)  
 T123 Department of Art (L-9)  
 T124 Labor Institute (L-7)  
 T125 Design (J-5)  
 T126 Design (J, K-6)  
 T127 Community Development (K-6)  
 T128-T129 Design (J, K-6)  
 T130 College of Education (J, K-7)  
 T132 Photographic Service (D-7)  
 T133 Mixed Racial Group Housing (C-8)  
 T134 Information Service (L-6)  
 T135 Faculty Club (G-4)  
 T136 Department of English (G-9)  
 T137 Department of Government (H-10)  
 T138 Department of Health Education (L-8)  
 T140 Community Development (K-6)  
 T141 Educational Television Research (K-7)  
 T142 Psychology (L-6)  
 T143 Film Production Storage (M-8)  
 T144 Department of Higher Education (H-10)  
 T145 School of Business (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)  
 T153 Department of Physiology (B-7)  
 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 Alpha Phi Alpha (C-7)  
 T161 Virology Research Laboratory (M-6)  
 T162 Biology Research; Economics (L-6)  
 T163 Junior Services (K-7)  
 T164 Department of Microbiology (M-8)  
 T167 Center for Study of Delinquency, Crime and Corrections (K-9)



## 5 / Schedule of Classes

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

### *Listing of Courses*

In the Schedule of Classes, departments in which courses are being offered are listed in alphabetical order. Courses within each department are listed in order by course and section number.

### *Course Number and Hours*

The column headed Course Number and Hours shows first the identification number of the course; in some cases the three digits may be followed by a letter which is also a part of the course number. The numbering system is as follows:

- 000-099 Courses not properly falling in the following categories
- 100-199 Courses for freshmen
- 200-299 Courses for sophomores
- 300-399 Courses for juniors and seniors
- 400-499 Courses for seniors and graduate students
- 500-600 Courses 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 session. Students registering for courses listed as "to be arranged" may obtain times and days from instructor indicated or, if no instructor is listed, from the department chairman offering the course.

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 quarter basis (June 18–August 31) are marked with a † immediately following the section number.

*Building and Room*

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 temporary buildings, which are identified in the schedule by the letter *T* followed by a number. Such buildings are listed in numerical order in Chapter Four.

CODE:	NAME—NUMBER	MAP KEY	CODE:	NAME—NUMBER	MAP KEY
A:	Allyn Building—3	G-6	HMgt:	Home Management House	
Ag:	Agriculture Building—26	I-5		(in HEC)—42	F, G-8
Alg:	Altgeld Hall—2	G-7	Lib:	Morris Library—25	I-6
ApS:	Applied Science Laboratory—57	E-4	LG:	Little Grassy Lake	—
Aud:	Shryock Auditorium—6	G-7	LS:	Life Science Building—17	I-6
BF:	Baptist Foundation—R1	H-7	M:	Old Main—1	F-7
Bowling A:	Bowling Alley		Muckelroy:	Muckelroy Auditorium	
	(in Center)—45	G-6		(in Ag)—26	I-5
Browne:	Browne Auditorium		Office:	Office of the department	—
	(in P)—4	G-6	P:	Parkinson Laboratory—4	G-6
Center:	University Center—45	G-6	Pool:	University Swimming Pool—22	I-9
Gym:	Gymnasium—7	F-7	RadS:	Radio Studios—T37	G-6
HEC:	Home Economics		TVS:	Television Studios	
	Building—42	F, G-8		(in HEC)—42	F, G-8
			USch:	University School—23	I-9
			Wh:	Wheeler Hall—8	F-8

If a building contains more than one classroom, then the number of the room in which the class meets follows the building's code name in the schedule. 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 temporary building 32.)

*Departmental Listing by Academic Unit*

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



## ANIMAL INDUSTRIES (AN I)

Special Studies in Animal Industries	390-1 to 3	1	To be arranged	Staff
Reproduction and Artificial Insemination	431-4	1	7:30-8:45 7:30-10:10	Mr Olson Mr Olson
Commercial Poultry Production (July 16-August 11)	420-4	1	8:55-1:00 7:30-1:00	Ag 116 Ag 120 Ag 132 Ag 132
The Range Livestock Industry (June 18-July 13)	486-4	1	7:30-3:50	Mr Hinners Mr Kammlade

Readings in Animal Industries	520-1 to 6	1	To be arranged	Staff
Individual Research	575-1 to 6	1	To be arranged	Staff
Thesis	599-1 to 9	1	To be arranged	Staff

## ANTHROPOLOGY (ANTH)

The Ways of Mankind	110-4	1	† 9:00-9:50	Mr Lange
Man and Culture (National Science Foundation)	400-4	1	3:55-5:05	Mr Riley
			† Full quarter course	

## APPLIED SCIENCE (AP S)

Engineering Drawing I	101-3	1	† 8:00-9:50	Staff
Engineering Drawing II	205-3	1	1:10-3:50	Staff
Descriptive Geometry	206-4	1	1:10-3:50	Staff
Analytical Mechanics (Statics)	260-3	1	10:20-11:35	Staff
Analytical Mechanics (Dynamics)	262-3	1	1:10-2:25	Staff
			† Full quarter course	

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>ART (ART)</b>							
Basic Studio	100-5		1	8:00-9:50	MTuW F	A 112	Mr Breland
Introduction to Art	120-3		1	11:00-11:50	M W	Browne	Mr Shryock
Studio	120A-0		1	2:00-3:50	Tu	A 102	Staff
			2	2:00-3:50	Th	A 102	Staff
			3	2:00-3:50	F	A 102	Staff
			4	3:00-4:50	Tu	A 112	Staff
			5	3:00-4:50	Th	A 112	Staff
			T6	3:00-4:50	F	A 112	Staff
			T7	2:00-3:50	Tu	A 115	Staff
			T8	3:00-4:50	Th	A 115	Staff
			T9	2:00-3:50	F	A 115	Staff
			†				
The Figure	245-4	100	1	7:30-10:00	MTuW F	A 202	Mr Fink
Oil Painting	250-4	100	1	7:30-10:00	MTuW F	A 202	Mr Fink
Art Education	300-4	100	1	9:00-11:00	M W F	A 106	Mr Stewart
Pottery Workshop	302-4	100	1	9:30-12:30	MTuWThFS	A 5	Mr Vergette
(June 18-30)				1:30-3:30			
Oriental Art	309-3		1	8:55-10:10	M W F	A 102	Mr Watkins
Advanced Painting	320-4	100 or 200	1	7:30-10:10	MTuW F	A 202	Mr Fink
Studio	325-4	100 or 200	1	7:30-10:10	MTuW F	A 202	Mr Fink
Art of the 19th Century	345-3		1	10:20-11:35	M W F	A 102	Mr Watkins
Studio in Painting	406-4	100 or 200	1	7:30-10:10	MTuW F	A 202	Mr Fink
Pottery Workshop	426-4	100	1	1:30-3:30	MTuWTh		
(June 18-30)				9:30-12:30	MTuWThFS	A 5	Mr Vergette
Research in Art Education	460-4		1	1:30-3:30			
Studio in Art Education	466-4		1	9:00-10:00	MTuW	A 115	Mr Stewart
			1	To be arranged			Mr Stewart
Seminar in Painting	501-2		1	To be arranged			Mr Fink
Research in Painting	506-4		1	7:30-10:10	MTuW F	A 202	Mr Fink
Seminar in Art Education	560-4		1	To be arranged			Mr Stewart
Research in Art Education	566-4		1	To be arranged			Mr Stewart
				† Full quarter course			



## ASIAN STUDIES

Qualified students may take a minor in Asian studies. Special courses available are Economics 500, Geography 318, Government 480, History 449, and Philosophy 303. Scholarships are available for qualified students. Interested students should consult Mr. Ping-Chia Kuo, Chairman, Committee on Asian Studies. Offices are located in Old Main.

## BOTANY (BOT)

### General Botany

101-5	1	†	9:00-9:50	Tu ThF	LS 133	Staff
	2	†	8:00-9:50	M W	LS 307	Staff
	3	†	9:00-9:50	Tu ThF	LS 133	Staff
	4	†	8:00-9:50	M W	LS 308	Staff
	T5	†	9:00-9:50	Tu ThF	LS 133	Staff
	T6	†	10:00-11:50	M W	LS 307	Staff
	7	¶	9:00-9:50	Tu ThF	LS 133	Staff
	T8	¶	12:00-1:50	M W	LS 308	Staff
	1	†	7:30-8:45	M W F	LS 323	Staff
			7:30-10:10	Tu Th	LS 307	Staff
			11:45-2:25	M W F	LS 323	Staff
			7:30-10:10	Tu Th	LS 308	Staff
			8:00-9:50	TuWThF	LS 313	Mr Marberry

### Field Biology

### Taxonomy

203-5	1		10:20-11:35	M W	LS 323	Mr Mohlenbrock
	T2		10:20-1:00	Tu ThF	LS 308	Staff
			10:20-11:35	M W	LS 323	Mr Mohlenbrock
			10:20-1:00	Tu ThF	LS 307	Staff

### Plant Physiology

320-5	1		7:30-10:10	Tu Th	LS 311	Mr Pappelis
350-4	1		8:55-10:10	M W F	LS 323	Staff
			11:35-1:00	MTuWTh	LS 323	Mr Welch

### Botany for High School Teachers (National Science Foundation)

501-4	1		2:35-3:50	M W	LS 323	Mr Mohlenbrock
			2:35-5:05	Tu Th	LS 307	Staff

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>BOTANY (BOT) (Continued)</b>							
Recent Advances in Biology (National Science Foundation)	502-2 <sup>1</sup>		1	1:10-2:25	W F	LS 205	Mr Ashby
Advanced Taxonomy (National Science Foundation)	505-2		1	2:35-5:05 2:35-3:50	M W Tu Th	LS 307 LS 323	Mr Mohlenbrock Staff
Graduate Readings	570-3 to 5		1	To be arranged			Staff
Introduction to Research	590-2 to 5		1	To be arranged			Staff
Research	591-3 to 6		1	To be arranged			Staff
Thesis	599-3 to 9		1	To be arranged			Staff
Dissertation	600-3 to 9		1	To be arranged			Staff
<sup>1</sup> Cross-listed with Zoology							
† Full quarter course							
¶ Open only to graduating seniors (August, 1962)							

**CHEMISTRY (CHEM)**

General Chemistry

101-4	1	¶	8:55-10:10	M W F	P 204	Mr Neckers
			7:30-10:10	Tu Th	P 200	Staff
	2	¶	8:55-10:10	M W F	P 204	Mr Neckers
			7:30-10:10	Tu Th	P 206	Staff
	3	†	8:00-8:50	Tu ThF	Browne	Mr Garrison
			8:00-8:50	W	P 111	Mr Garrison
			8:00-10:50	M	P 200	Staff
	4	†	8:00-8:50	Tu ThF	Browne	Mr Garrison
			8:00-8:50	W	P 111	Mr Garrison
			8:00-10:50	M	P 213	Staff
	5	†	8:00-8:50	Tu ThF	Browne	Mr Garrison
			8:00-8:50	M	P 111	Mr Garrison
			8:00-10:50	W	P 200	Staff
	6	†	8:00-8:50	Tu ThF	Browne	Mr Garrison
			8:00-8:50	M	P 111	Mr Garrison
			8:00-10:50	W	P 213	Staff
	T7	†	8:00-8:50	Tu ThF	Browne	Mr Garrison
			8:00-8:50	M	P 111	Mr Garrison
			12:00-2:50	Tu	P 213	Staff

Inorganic Chemistry and Qualitative Analysis	Qualitative Analysis	221-3	113	1	8:55-10:10 7:30-11:35	M W Th	P 111 P 213 P 204 P 103	Mr Sellers Staff Mr Van Atta Staff
	General Quantitative Analysis	235-5	113 plus logarithms	1	7:30-8:45 7:30-11:35	M W F Tu Th	P 204 P 204	Mr Garrison Staff
	Instrumental Techniques	432-4	235 or 331 and 306 or 343	1	11:45-1:00 7:30-10:10 7:30-8:45 7:30-11:35 To be arranged	Tu Th M W Tu Th M W	P 111 P 104B P 111 P 115 P 112	Mr Sellers Staff Mr Hadley Mr Hadley Staff
Qualitative Organic Analysis	446-4	343	1	7:30-8:45	Tu Th	P 204	Mr Garrison Staff	
Chemical Problems	496-2 to 6	*	1	To be arranged	M W F	P 213	Mr Garrison Staff	
Advanced Topics in Analytical Chemistry Advanced Laboratory Preparation in Organic Chemistry Organic Syntheses	539-3	432 and 531	T1	To be arranged	To be arranged To be arranged To be arranged	Staff Staff Staff		

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>CHEMISTRY (CHEM) (Continued)</b>							
Special Reading in Analytical Chemistry	594A-3	*	T1	To be arranged			Staff
Advanced Chemical Problems	596-3 to 6	*	1	To be arranged		P 112	Staff
Research and Thesis	599-3 to 9	*	1	To be arranged		P 112	Staff
Doctoral Research and Thesis Analytical	600A-3		T1	To be arranged		P 112	Staff
		*Consent of department		† Full quarter course			
				‡ Open only to graduating seniors (August, 1962)			
<b>CLOTHING AND TEXTILES (C &amp; T)</b>							
Clothing Selection and Construction	127-4		1	† 10:00-12:00	MTu ThF	HEc 304	Mrs Bennett
Pattern Designing and Clothing Construction	233-3	127, 135, 230 or *	1	10:20-1:00	M W F	HEc 310	Miss Whitesel
Field Experience	371-6		1	To be arranged			Staff
Advanced Tailoring	473-4	360 or *	1	1:10-3:50	MTu ThF	HEc 310	Miss Whitesel
		*Consent of department		† Full quarter course			
<b>COMMUNITY DEVELOPMENT</b>							
Students interested in a major or minor in community development should consult Mr. Richard C. Franklin, Director, Community Development Institute. Offices are located in Chautauqua Housing, T-127.							
<b>ECONOMICS (ECON)</b>							
Survey of Economic Principles	205-5		1	8:55-10:10 8:55-10:10	M W F Tu Th	M 213 Ag 214	Mr Wiegand Staff

## Economic Principles and Problems

206-4 205 1 M Tu W ThF M 213 Ag 214 Ag 154 M 215 Mr Wiegand Staff  
Mr Wiegand Staff  
Mr Allen

## Economic and Business Statistics I

307-4 205 1 M Tu W ThF M 201 T32 R104 P 111 T32 R104 P 111 T32 R104 P 111 T32 R104 P 111 Mr Marks Staff  
Mr Marks Staff  
Mr Marks Staff  
Mr Marks Staff  
Mr Morrisson  
Mr Decker  
Mr Decker

## Labor Problems Money and Banking I Economic History of the United States

310-4 206 1 M Tu W ThF M 213 Ag 172 M 201  
315-4 206 1 M Tu W ThF M 213 Ag 172 M 201  
317-4 205 1 M Tu W ThF M 213 Ag 172 M 201  
Mr Morrisson  
Mr Decker  
Mr Decker

## Business Cycles Economic Education Workshop (June 18-29)

470-3 315 or 440 or \* 1 M Tu W ThF M 104 HEc 301 HEc 301  
490-4<sup>1</sup> 1 M Tu W ThF M 104 HEc 301 HEc 301  
Mr Wells  
Mr Cochran  
Mr Cochran

## Economics Seminar (Asian Economics) Economic Readings Readings in Resource Economics Thesis

500-4 205, \* 1 M Tu W ThF M 106  
501-1 to 5 \* 1 M Tu W ThF M 106  
502-1 to 6<sup>2</sup> 1 M Tu W ThF M 106  
599-3 to 9 \* 1 M Tu W ThF M 106  
Mr Wells  
Mr Wells  
Mr Beazley  
Mr Cochran

## Dissertation

600-3 to 48 \* 1 M Tu W ThF M 106  
To be arranged  
To be arranged  
To be arranged  
To be arranged  
Mr Allen

<sup>1</sup> Cross-listed with Secondary Education

<sup>2</sup> Cross-listed with Forestry and Agricultural Industries

\*Consent of department

## EDUCATIONAL ADMINISTRATION AND SUPERVISION (ED AD)

### Introduction to Teaching

100-3 T1 8:00-8:50 MTuW M 104  
T2 9:00-9:50 MTuW M 104  
3 1:00-1:50 MTuW T41 R102  
4 2:00-2:50 MTuW T41 R102  
Staff  
Staff  
Mr Foster  
Mr Foster



Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. Room No.	Instructor
<b>EDUCATIONAL ADMINISTRATION &amp; SUPERVISION (ED AD) (Continued)</b>							
American Educational Systems	331-3		1	10:20-11:35	MTuW	T-42 R118	Mr Brammell
			2	7:30-8:45	MTuW	T-42 R118	Mr Brammell
Philosophy of Education	355-4 <sup>1</sup>		1	10:20-11:35	MTuWTh	T-41 R104	Mr Moore
			2	8:55-10:10	MTuWTh	T-41 R103	Mr Tollefson
			3	7:30-8:45	MTuWTh	T-41 R104	Mr Tollefson
			T4	11:45-1:00	MTuWTh	T-41 R101	Staff
Legal Basis of American Education	420-4		1	8:55-10:10	MTuWTh	T-42 R118	Mr Lawler
School Administration	424-4		1	10:20-11:35	MTuWTh	T-41 R101	Mr Dey
School Supervision	456-4		1	7:30-8:45	MTuWTh	HEc 206	Mr Bryant
			T2	11:45-1:00	MTuWTh	T-41 R104	Staff
Curriculum	460-4		1	7:30-8:45	MTuWTh	T-40 R101	Mr Hall
Research Methods	500-4		1	7:30-8:45	MTuWTh	T-40 R114	Mr Bach
Seminar in Educational Administration			2	8:55-10:10	MTuWTh	T-40 R114	Mr Bach
Seminar in Curriculum in Relation to American Culture	501-4		1	1:10-2:25	MTuWTh	Lib	Mr Beem
Illinois School Law	506-4		1	10:20-11:35	MTuWTh	T-40 R114	Mr Hall
School Finance	520-4		1	10:20-11:35	MTuWTh	Lib	Mr Beem
Contrasting Philosophies in Education	534-4		1	10:20-11:35	MTuWTh	T-40 R115	Mr Lawler
Seminar in Educational Supervision	554-4		1	8:55-10:10	MTuWTh	T-40 R115	Mr Axelle
School Public Relations	556-4		1	1:10-2:25	MTuWTh	T-40 R115	Mr Bracewell
Individual Research (Curriculum)	563-4		1	8:55-10:10	MTuWTh	USch 41	Mr Neal
Individual Research (Supervision)	575A-4		1	To be arranged			Staff
Individual Research (Buildings)	575B-4		1	To be arranged			Staff
Individual Research (Finance)	575C-4		1	To be arranged			Staff
Individual Research (School Law)	575D-4		1	To be arranged			Staff
Individual Research (Comparative Education)	575E-4		1	To be arranged			Staff
Individual Research (History of Education)	575F-4		1	To be arranged			Staff
Individual Research (Philosophy of Education)	575G-4		1	To be arranged			Staff
Individual Research (Philosophy of Education)	575H-4		1	To be arranged			Staff
Individual Research (Administration)	575J-4		1	To be arranged			Staff
Individual Research (Elementary Administration)	575K-4		1	To be arranged			Staff
Independent Investigation	596-4		1	To be arranged			Staff
Thesis	597-1 to 3		1	To be arranged			Staff

Thesis	598-1 to 3	1	To be arranged	Staff
Thesis	599-1 to 3	1	To be arranged	Staff
Dissertation	600-1 to 14	1	To be arranged	Staff
<sup>1</sup> Cross-listed with philosophy			† Full quarter course	

## ELEMENTARY EDUCATION (EL ED)

Children's Literature	313-4	1	1:10-2:25	MTuWTh	T41 R101	Miss Williams
Elementary School Methods	314-4	1	10:20-11:35	MTuWTh	T41 R103	Mr Brod
Reading in the Elementary School	337-4	1	8:55-10:10	MTuWTh	T41 R102	Mr Ragsdale
		2	7:30-8:45	MTuWTh	T41 R102	Miss Williams
Aero-Space Education Workshop (August 13-24)	402-4 <sup>1</sup>	1	8:55-11:35	MTuWThF	HEc 203	Staff
Improvement of Instruction in Arithmetic (July 16-August 3)	415-3	1	1:10-3:50	MTuWThF	HEc 206	Mrs Carter
Workshop in Creative Writing in the Elementary School (July 9-20)	430-3	1	8:55-12:00	MTuWThF	HEc 303	Miss Applegate
Workshop in Elementary Education (Kindergarten-Primary) (June 19-July 13)	433-4	1	1:00-3:50	MTuWThF	HEc 201	Miss Baker
Workshop in Elementary School Foreign Language (June 18-July 13)	435-4 to 8 <sup>2</sup>	1	8:55-11:35	MTuWThF	Wh 214	Staff
Problems in Reading	437-4	1	7:30-8:45	MTuWTh	T41 R101	Mr Brod
Materials and Methods in Science	442-4	1	7:30-8:45	MTuWTh	USch 304	Mr Brown
Improvement in Reading Instruction	505-4 <sup>1</sup>	1	10:20-11:35	MTuWTh	T40 R101	Mr Karlin
Readings in Reading	507-1 to 4 <sup>1</sup>	1	To be arranged			Mr Karlin
Supervision of Student Teachers in the Elementary School (June 19-July 16)	518-2	T1	10:20-11:35	MTuWTh	USch 41	Mrs Carter
Diagnosis and Correction of Reading Disabilities I	521-3 <sup>1</sup>	T1	8:55-10:10	MTuWTh	T40 R101	Mr Karlin
Selected Teaching and Current Problems in Elementary Science	541-4	1	10:20-11:35	MTuWTh	USch 304	Mr Brown
Language Arts in Elementary School	542-4	1	10:20-11:35	MTuWTh	T41 R102	Mr Ragsdale
Teaching Social Studies in the Elementary School	543-4	1	8:55-10:10	MTuWTh	T41 R101	Mr Randolph

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>ELEMENTARY EDUCATION (EL ED) (continued)</b>							
Elementary Principalship	557-4		1	7:30-8:45	MTuWTh	T41 R103	Mr Bradfield
Workshop in Instructional Leadership in Elementary Education (June 18-29)	559-3		1	8:55-12:00 1:10-3:50	MTuWTh	HEc 303	Mr Fishback and Mr Lee
Elementary Curriculum	561-4		1	8:55-10:10	MTuWTh	T41 R104	Mr Lee
Individual Research (Curriculum)	575A-2 to 4		1	To be arranged			Mr Lee
Individual Research (Supervision)	575B-2 to 4		1	To be arranged			Mr Ragsdale
Individual Research (Language Arts)	575C-2 to 4		1	To be arranged			Mr Brown
Individual Research (Science)	575D-2 to 4		1	To be arranged			Staff
Individual Research (Reading)	575E-2 to 4		1	To be arranged			Mr Randolph
Individual Research (Social Studies)	575F-2 to 4		1	To be arranged			Staff
Individual Research (Elementary Education)	575G-2 to 4		1	To be arranged			Mrs Carter
Individual Research (Arithmetic)	575H-2 to 4		1	To be arranged			Miss Baker
Individual Research (Problems in Kindergarten- Primary)	575J-2 to 4		1	To be arranged			Staff
Individual Research (Elementary Administration)	575K-2 to 4		1	To be arranged			Mr Lee
Doctoral Seminar	595-1		T1	2:35-3:50	M	HEc 118	Staff
Independent Investigation	596-5 to 9		1	To be arranged			Staff
Thesis	597-1 to 3		1	To be arranged			Staff
Thesis	598-1 to 3		1	To be arranged			Staff
Thesis	599-1 to 3		1	To be arranged			Staff
Dissertation	600-1 to 36		1	To be arranged			Staff
<b>PRACTICE TEACHING</b>							
Kindergarten-Primary Student Teaching	350B-4 to 8			To be arranged			Staff
Elementary Student Teaching	351B-4 to 8			To be arranged			Staff
<sup>1</sup> Cross-listed with Secondary Education <sup>2</sup> Cross-listed with Foreign Languages							
<b>ENGLISH (ENG)</b>							
Composition	101-3		1	† 8:00-8:50	MTu ThF	M 305A	Staff

Composition Composition	102-3 103-3	101 102	†	9:00-9:50	MTu	ThF	M 303	Staff
			1	8:00-8:50	MTu	ThF	M 304	Staff
			2	9:00-9:50	MTu	ThF	M 304	Staff
			3	10:00-10:50	MTu	ThF	M 304	Staff
			4	11:00-11:50	MTu	ThF	M 304	Staff
			5	12:00-12:50	MTu	ThF	M 304	Staff
			6	1:00-1:50	MTu	ThF	M 304	Staff
			7	2:00-2:50	MTu	ThF	M 304	Staff
			8	3:00-3:50	MTu	ThF	M 304	Staff
			T9	10:00-10:50	MTu	ThF	M 108	Staff
			T10	11:00-11:50	MTu	ThF	M 108	Staff
			T11	12:00-12:50	MTu	ThF	M 108	Staff
			T12	1:00-1:50	MTu	ThF	M 108	Staff
			T13	2:00-2:50	MTu	ThF	M 305	Staff
Introduction to Poetry	205-3		1	7:30-8:45	M	F	M 302	Staff
			2	8:55-10:10	M	F	M 302	Staff
			3	11:45-1:00	M	F	HEc 118	Staff
			T4	1:10-2:25	M	F	HEc 122	Staff
			1	11:45-1:00	M	F	HEc 106	Staff
			2	1:10-2:25	M	F	HEc 201	Staff
			T3	8:55-10:10	M	F	M 306A	Staff
			1	7:30-8:45	M	F	M 306	Staff
			T2	8:55-10:10	M	F	M 308	Staff
			3	10:20-11:35	M	F	M 306	Staff
			4	11:45-1:00	M	F	HEc 201	Staff
			T5	1:10-2:25	M	F	M 306A	Staff
			T1	7:30-8:45	M	F	M 303	Staff
Introduction to Fiction	211-3		2	8:55-10:10	M	F	M 305	Staff
			3	10:20-11:35	MTu	Th	M 302	Staff
			4	11:45-1:00	M	F	M 306	Staff
			T5	1:10-2:25	M	Th	M 303	Staff
					W		M 308	
			6	1:10-2:25	MTu	Th	M 302	
			1	7:30-8:45	MTu	Th	M 305	Staff
			2	8:55-10:10	M	F	M 301	Staff
			3	10:20-11:35	M	F	M 301	Staff
			T4	10:20-11:35	M	F	M 305A	Staff
			5	11:45-1:00	M	F	M 302	Staff
			6	1:10-2:25	M	F	M 302	Staff
					W			
Introduction to Modern Literature	212-3		6	1:10-2:25	MTu	Th	M 302	Staff
			1	7:30-8:45	MTu	Th	M 305	Staff
			2	8:55-10:10	M	F	M 301	Staff
			3	10:20-11:35	M	F	M 301	Staff
			T4	10:20-11:35	M	F	M 305A	Staff
			5	11:45-1:00	M	F	M 302	Staff
			6	1:10-2:25	M	F	M 302	Staff
					W			
					MTu	Th		
					MTu	Th		
					M	F		
					M	F		
					M	F		

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>ENGLISH (ENG) (Continued)</b>							
Introduction to Modern Literature	212-3		7 T8	2:35-3:50 2:35-3:50	M W F M W F	HEc 202 HEc 306	Staff Staff
Principles of Grammar	300-4		1 T2	8:55-10:10 11:45-1:00	MTu ThF MTu ThF	M 306 M 308	Mr Schneider Staff
American Literature to 1860	309-4		1	7:30-8:45	MTu ThF	M 301	Mr Sibitz
American Literature Since 1860	310-4		1	11:45-1:00	MTu ThF	M 301	Mr Sibitz
English Literature 1550-1750	316-4		1	1:10-2:25	MTu ThF	M 301	Mr Camp
Early 19th Century Poetry	320-4		1	10:20-11:35	MTu ThF	M 306A	Mr Benziger
Usage in English	391-3		1 2 3 4 T5 T6 7	7:30-8:45 8:55-10:10 10:20-11:35 11:45-1:00 11:45-1:00 1:10-2:25 2:35-3:50	M W F M W F M W F M W F Tu W F M W F M W F	M 306A HEc 122 M 303 M 305A M 303 M 303 HEc 302	Staff Staff Staff Staff Staff Staff Staff
Victorian Novel	455-4		1	10:20-11:35	MTu ThF	HEc 306	Mr Parlow
Renaissance Drama	460-4		1	11:45-1:00	MTu ThF	HEc 102	Mr Staton
Readings in English	499-2 to 4	*	1	To be arranged			Staff
Studies in Middle English Literature	509-4		1	7:30-8:45	MTu ThF	HEc 122	Mrs Krappe
Studies in Metaphysical Poets	524-4		1	8:55-10:10	MTu ThF	M 305A	Mr Simeone
Problems in American Literature	538-4		1	1:10-2:25	MTu ThF	M 306	Mr Webb
Composition in the High School	581A-4 <sup>1</sup>		T1	7:30-8:45	M W F	HEc 118	Mr Lingle
Linguistics in the High School	581B-4 <sup>1</sup>		T2	10:20-11:35	M W F	HEc 106	Mr Lingle
Literature in the High School	581C-4 <sup>1</sup>		T3 T4 T5 T6	7:30-8:45 8:55-10:10 8:55-10:10 10:20-11:35	M W F M W F M W F To be arranged	HEc 106 HEc 106 HEc 118 HEc 118	Mr Pickett Mr Pickett Mr Winn Mr Winn
Review of English and American Literature Thesis	598C-1 to 3 599-2 to 9		1 1	To be arranged To be arranged			Staff Staff

† Full quarter course

\* Consent of department

<sup>1</sup> English Institute; courses open only to candidates accepted.



# **FOOD AND NUTRITION (F & N)**

Foods		105-4	1	†	8:00-8:50 9:00-9:50	M WThF W F	HEc 214 HEc 214	Mrs Crouse Mrs Crouse
The School Lunch Program (June 18-22)		249-2	1		9:00-12:00 1:00-4:00	MTaWThF MTuWThF	HEc 119 HEc 119	Miss Becker Miss Becker
Nutrition Field Experience	320-4	105, 206 and Chem 240	1		7:30-10:10 7:30-8:45 To be arranged	M W Tu F	HEc 212 HEc 212	Mr Konishi Mr Konishi Mrs Quigley
	371-6	*	1					
Recent Developments in Nutrition		580-4	1		10:20-11:35	MTu ThF	HEc 212	Mr Konishi
					† Full quarter course			

# **FOREIGN LANGUAGES (F L)**

Workshop in Elementary School Foreign Language Instruction (June 18-July 13)		435-4 to 8†	1		7:30-11:45	MTuWThF	Wh 214	Miss Peacock
FRENCH (FR) Elementary Course Elementary Course Elementary Course	101-3		1	¶	7:30-8:45	M W F	Wh 207	Miss Smith
	102-3		1	¶	8:55-10:10	Tu Th	Wh 207	Miss Smith
	103-3	102	1	¶	10:20-11:35 11:45-1:00	M W F Tu	Wh 207 Wh 207	Miss Smith Miss Smith
			2	†	9:00-9:50	M W F	Wh 207	Staff
Conversation and Phonetics		352-5	1		1:10-2:25	MTuWThF	M 101	Miss Peacock
GERMAN (GER) Elementary Course		103-3	1 2	¶ †	1:10-2:25 8:00-8:50	M W F M W F	Wh 212 Wh 212	Staff Staff

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>FOREIGN LANGUAGES (F L) (continued)</b>							
Introduction to German Literature	201-4 <sup>2</sup>	103 or equivalent	1			Germany	Mr Liedloff
Introduction to German Literature	202-4 <sup>2</sup>		1			Germany	Mr Liedloff
Introduction to German Literature	203-4 <sup>2</sup>		1			Germany	Mr Liedloff
NDEA German Summer Institute (June 25-August 10)	544-9 <sup>3</sup>			7:40-12:25 2:00-5:05	MTuWThF	Alg & M	Mr Hartwig
SPANISH (SPAN) Elementary Course	103-3	102	1 2	1:10-2:25 12:00-12:50	M W F M W F	Wh 214 Wh 212	Staff Staff
Travel Study in Mexico	360-3 <sup>1</sup>		1			Mexico	Mr Davis
<sup>1</sup> Cross-listed with Elementary Education <sup>2</sup> 201, 202, 203 are to be taken as one unit for a total of twelve hours <sup>3</sup> Cross-listed with Secondary Education <sup>4</sup> Nine additional hours may be earned at the University of Guanajuato							
<b>FORESTRY (FOR)</b>							
Introduction to Forestry	104-3		1	8:00-8:50 9:00-10:50	MTu W	Ag 150 Ag 150	Mr Hosley
Special Problems in Forestry	390-1 to 8		1	To be arranged			Staff
Readings in Forestry	520A-1 to 6		1	To be arranged			Staff
Readings in Resource Economics	520B-1 to 6		1	To be arranged			Mr Beazley

## GEOGRAPHY (GEOG)

Geography of Man

100-5

1	†	8:00-8:50	M W F	Muckelroy	Staff
		8:00-8:50	Tu Th	Ag 144	Staff
2	†	8:00-8:50	M W F	Muckelroy	Staff
		8:00-8:50	Tu Th	Ag 146	Staff
3	†	8:00-8:50	M W F	Muckelroy	Staff
		9:00-9:50	Tu Th	Ag 116	Staff
4	†	8:00-8:50	M W F	Muckelroy	Staff
		9:00-9:50	Tu Th	Ag 168	Staff
T5	†	8:00-8:50	M W F	Muckelroy	Staff
		9:00-9:50	Tu Th	Ag 150	Staff
T6	†	8:00-8:50	M W F	Muckelroy	Staff
		9:00-9:50	Tu Th	Ag 148	Staff
T7	†	8:00-8:50	M W F	Muckelroy	Staff
		8:00-8:50	Tu Th	Ag 150	Staff
T8	†	8:00-8:50	M W F	Muckelroy	Staff
		9:00-9:50	Tu Th	Ag 172	Staff

Introduction to Physical Geography  
Economic Geography (For Business Students)  
Introduction to Cultural Geography

201-5  
211-5  
250-4

100

1		7:30-8:45	MTuWThF	Ag 216	Mr Hammond
1		8:55-10:10	MTuWThF	Ag 216	Mr Stafford
T1		10:20-11:35	MTu ThF	Ag 150	Staff

Cultural Geography  
Geography of Asia  
Conservation of Natural Resources

300-4  
318-4  
324-4

100

1		7:30-8:45	MTu ThF	Ag 168	Miss Shank
1		7:30-8:45	MTu ThF	Ag 148	Mr Cunningham
1		7:30-8:45	MTu ThF	Ag 224	Mr Glennon
2		10:20-11:35	MTu ThF	Ag 224	Mr Glennon

Geography of Landforms  
Readings for Majors  
Workshop in the Geography of Latin America  
(June 18-July 21)

435-4  
440-2 to 6  
485-4

100, 101  
100 and \*  
100 or \*

1		10:20-11:35	MTu ThF	Ag 144	Mr Hammond
1		To be arranged			Staff
1		8:55-11:35	MTuWThF	Ag 154	Miss Krause

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>GEOGRAPHY (GEOG) (Continued)</b>							
Field Course (September 1-15)	515-4 <sup>1</sup>			To be arranged			Mr Schmudde and Mr Thomas
Seminar in Economic Geography	521-4		1	11:45-1:00	M	Ag 148	Mr Stafford
Independent Study in Geography	530-1 to 4		1	10:20-1:00	W	Ag 148	Staff
Thesis	599-3 to 6		1	To be arranged			Staff
<sup>1</sup> Master's and Ph.D. degree candidates.		*Consent of department		† Full quarter course			
<b>GEOLOGY (GEOL)</b>							
Independent Study	440-1 to 4	Advanced	1	To be arranged		LG	Staff
Field Geology (June 18-July 28)	450-9	302	1	7:30-11:45 1:10-3:50	MTuWThF MTuWThF	LG LG	Mr Amos Mr Amos
Research Thesis	541-1 to 4 599-3 to 9		1 1	To be arranged To be arranged			Staff Staff
<b>GOVERNMENT (GOVT)</b>							
Problems of American Democracy	101-5		1	† 3:00-3:50	MTuWThF	HEc 122	Staff
			2	† 2:00-2:50	MTuWThF	M 213	Staff
			3	† 11:00-11:50	MTuWThF	M 102	Staff
			4	† 1:00-1:50	MTuWThF	A 211	Staff
			T5	† 10:00-10:50	MTuWThF	M 102	Staff
			T6	† 12:00-12:50	MTuWThF	M 102	Staff
American National Government	231-5		1	10:20-11:35	MTuWThF	A 211	Mr Hanson
State and Local Government	232-5		1	8:50-10:10	MTuWThF	HEc 306	Miss Ridgeway
Introduction to American Foreign Policy	243-3		1	10:10-11:35	M W F	A 211	Mr Landecker

American Government	300-4	1	7:30-8:45	MTu	ThF	A 102	Mr Hanson
Development of the American Constitution	305-5	2	8:55-10:10	MTu	ThF	Gym 204	Mr Sappenfield
Readings in Government	321-1 to 6	1	11:45-1:00	MTuWThF		A 207	Mr Nelson
Illinois Government	330-2	1	To be arranged				
Problems in Public Administration and Policy Formation	361-3	1	10:20-11:55	Tu	Th	HEc 118	Mr Kenney
International Relations	370-3	1	1:10-2:25	MTu	Th	M 209	Mr Abbass
		1	1:10-2:25	M	W F	A 207	Mr Landecker
Political Behavior	415-3	1	8:55-10:10	M	W F	A 207	Mr Roberts
Politics and Government of the Near and Middle East	457-4	1	8:55-11:35	Tu	Th	M 301	Mr Abbass
Development of German Democracy (June 25-July 27)	458-8	1				Hamburg, Germany	Mr Alexander
International Politics	478-4	1	7:30-8:45	MTu	ThF	A 106	Mr Landecker
The Far East	480-4	1	1:10-3:40	Tu	Th	HEc 118	Mr Jacobini
American Foreign Policy	520-4	1	1:10-3:40	M	W	M 202	Mr Klingberg
Readings in Government	521-4	1	To be arranged				Staff
Internship in Public Affairs	530-4 to 12	1	To be arranged				Staff
Individual Research	595-2 to 4	1	To be arranged				Staff
Thesis	599-1 to 9	1	To be arranged				Staff
Dissertation	600-2 to 12	1	To be arranged				Staff
			† Full quarter course				
<b>GUIDANCE (GUID)</b>							
Educational Psychology	305-4	1	7:30-8:45	M	W F	LS 133	Mr Skinner
		2	7:30-8:45	Tu		Ag 172	Staff
		3	7:30-8:45	M	W F	LS 133	Mr Skinner
		4	7:30-8:45	M	W F	Ag 172	Staff
			7:30-8:45	M	W F	LS 133	Mr Skinner
			7:30-8:45	Tu		HEc 118	Staff
			7:30-8:45	M	W F	LS 133	Mr Skinner
			7:30-8:45		Th	HEc 118	Staff

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>GUIDANCE (GUID) (Continued)</b>							
Educational Psychology	305-4	Psych 201	5	7:30-8:45	M W F	LS 133	Mr Skinner Staff
				7:30-8:45	Tu	M 206	
				7:30-8:45	M W F Th	LS 133 M 206	
Mental Hygiene	412-4	305	1	8:55-10:10	M W F	Ag 214	Mr Phelps Staff
				8:55-10:10	Tu	Ag 170	
				8:55-10:10	M W F	Ag 214	
				8:55-10:10	Th	Ag 170	
				8:55-10:10	M W F	Ag 214	
				8:55-10:10	Tu	Ag 174	
				8:55-10:10	M W F	Ag 214	
				8:55-10:10	Th	Ag 174	
				10:20-11:35	M W F	Ag 214	
				10:20-11:35	Tu	Ag 174	
				10:20-11:35	M W F	Ag 214	
				10:20-11:35	Th	Ag 174	
Educational Statistics	420-4		2	10:20-11:35	M W F	Ag 214	Mr Fitzpatrick Staff
				10:20-11:35	Th	Ag 174	
				10:20-11:35	M W F	Ag 214	
				10:20-11:35	Tu	Ag 148	
				10:20-11:35	M W F	Ag 214	
				10:20-11:35	Th	Ag 148	
				11:45-1:00	M W F	Ag 214	
				11:45-1:00	Tu	Ag 170	
				11:45-1:00	M W F	Ag 214	
				11:45-1:00	Th	Ag 170	
				11:45-1:00	M W F	Ag 214	
				11:45-1:00	Tu	Ag 174	
Basic Principles of Guidance	442-4	305	4	11:45-1:00	M W F	Ag 214	Mr Gardner Staff
				11:45-1:00	Tu	Ag 174	
				7:30-8:45	M W F	HEc 208	
				7:30-8:45	Tu	HEc 106	
				7:30-8:45	M W F	HEc 208	
				7:30-8:45	Th	HEc 106	
Seminar on a Selected Topic (Institute for Rehabilitation Personnel)	481-4		1	7:30-2:30 (July 8-20)	MTuWThF	HEc 301	Mr Renzaglia
Educational Measurements I	422-4	305	1	11:45-1:00	M W F	Ag 214	Mr Gardner Staff
				11:45-1:00	Tu	Ag 170	
				11:45-1:00	M W F	Ag 214	
				11:45-1:00	Th	Ag 170	
				11:45-1:00	M W F	Ag 214	
				11:45-1:00	Tu	Ag 174	
				11:45-1:00	M W F	Ag 214	
				11:45-1:00	Th	Ag 174	
				7:30-8:45	M W F	HEc 208	
				7:30-8:45	Tu	HEc 106	
				7:30-8:45	M W F	HEc 208	
				7:30-8:45	Th	HEc 106	



Special Research Problem	501-2 to 6	Advanced	standing	1	To be arranged	Office	Mr Phelps
Educational Implications of Learning Theories	511-4	Advanced	standing	1	7:30-8:45	Ag 170	Mr Orton
Psychological Aspects of Education	515-4	Advanced	standing	1	10:20-11:35	Ag 218	Mr Skinner
Advanced Educational Statistics	520-4	420		1	11:45-1:00	HEc 202	Mr Fitzpatrick
Educational Measurements II	522-4	420, 422		1	8:55-10:10	Ag 144	Mrs Gardner
School Behavior Problems	525-4	412		1	8:55-10:10	HEc 202	Mrs Parker
Techniques of Individual Guidance	526-4	525		1	10:20-11:45	HEc 120	Mr Thalmann
Appraisal of Intelligence (Elementary)	536A-4	522		1	1:10-3:50	Tu Th	Mr Gardner
Appraisal of Intelligence (Adolescents)	536B-4	522		1	1:10-3:50	Tu Th	Mr Gardner
Counseling Theory and Practice I	537-4	442		1	1:10-3:50	A 209	Mr Meek
Counseling Theory and Practice II	538-3	537		1	1:10-3:50	M 202	Mr Meek
Occupational Information and Guidance	541-4 <sup>1</sup>	442		1	10:20-11:35	HEc 302	Mr Ramp
Guidance Through Groups	543-4	412		T2	11:45-1:00	HEc 302	Mr Ramp
Seminar: Problems in Guidance	545A-4	Advanced	standing	1	7:30-8:45	M 106	Staff
Child Development in Education	562A-4	Advanced	standing	1	10:20-11:35	M 203B	Staff
Practicum in School Personnel Work	576-4	Advanced	standing	1	11:45-1:00	HEc 306	Mrs Parker
Independent Investigation	596-5 to 9	Advanced	standing	1	To be arranged	USch	Mr Southard
Thesis	599-5 to 9	Advanced	standing	1	To be arranged	Office	Mr Fitzpatrick
				1	To be arranged	Office	Mr Phelps

<sup>1</sup>Cross-listed with Industrial Education

# HEALTH EDUCATION (H ED)

Healthful Living

100-4	†	8:00-8:50	TuWThF	M 107	Mr J Richardson
	2	9:00-9:50	MTuW F	M 107	Staff
	3	10:00-10:50	MTuWTh	M 107	Mr Casey
	4	11:00-11:50	MTuW F	M 107	Mr Casey
T5	†	12:00-12:50	M WThF	M 107	Mr Casey
6	†	1:00-1:50	MTuWTh	M 105	Mr Wigley
7	†	3:00-3:50	TuWThF	M 107	Mr Wigley
T8	†	2:00-2:50	MTu ThF	M 107	Mr Wigley

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>HEALTH EDUCATION (H ED) (Continued)</b>							
Principles and Foundations of Health Education	205-4		1	7:30-8:45	M WThF	M 105	Mr J Richardson
Driver Education and Training	302S-4	Illinois operator's license	1	7:30-8:45	MTuWTh	T85	Mr Aaron
Child Development	311-4		1	10:20-11:35	MTuWTh	M 105	Miss Phillips
Methods and Materials in Safety Education	323S-4		1	1:10-2:25	MTuWTh	T85	Mr J Richardson
First Aid	334S-4		1	7:30-8:45	TuWThF	LG	Mr Bridges
			2	11:45-1:00	MTu ThF	T85	Mr Carpenter
Methods and Materials in Elementary School Health Education	350-4		1	11:45-1:00	TuWThF	M 215	Miss Phillips
Safe and Healthful Living Outdoors	413S-4		1	8:55-10:10	MTu ThF	LG	Mr Bridges
Methods and Materials in Driver Education	443S-4	334S	1	8:55-10:10	M WThF	T85	Mr Aaron
Methods and Materials in Secondary School Health Education	460-4		1	7:30-8:45	MTuW F	M 210	Mr LeFevre
Workshop in Health Education (June 18-July 13)	461-4 to 6	100	1	1:10-4:30	MTuWThF	M 203b	Mr Vaughan
Workshop in Health Education (June 18-July 13)	462-4	461	1	1:10-4:30	MTuWThF	M 210	Mr Vaughan
Workshop in Health Education (June 18-July 13)	463-4	462	1	1:10-4:30	MTuWThF	M 210	Mr Vaughan
Workshop in Safety Education (July 16-August 10)	480S-4	313, 323, or *	1	1:10-4:30	MTuWThF	M 102	Mr Slack
Field Work in School and Community Health	490-4 to 6		1	To be arranged			Mr Grissom
Community Organization for Health Education Practicum in Health Education Workshop (June 18-July 13)	500-4		1	8:55-10:10	MTuWTh	M 207	Mr Grissom
	511-5		1	10:10-11:00	MTuWThF	M 106	Mr Vaughan
Special Projects in Health Education	520-4		1	1:10-4:30	MTuWThF	M 106	Mr Vaughan
Problems and Research in Accident Prevention	530S-4		1	To be arranged			Mr Boydston
Human Conservation III	535-4		1	10:20-11:35	MTu ThF	T85	Mr Slack
			1	8:55-10:10	MTuWTh	M 105	Mr Richardson
		*Consent of department		† Full quarter course			
<b>HIGHER EDUCATION (HI ED)</b>							
Higher Education in the U.S.	410-4		1	7:30-8:45	MTuWTh	T144	Mr Trueblood



Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>HISTORY (HIST) (Continued)</b>							
Seminar: Trans-Mississippi West	500-4		1	1:10-3:50	Tu Th	M 104	Mr Briggs
Special Readings in History	510-2 to 5	*	1	To be arranged			Staff
		* Consent of department		† Full quarter course			
<sup>1</sup> History 201 and 202 are each taught in large Lecture Sections meeting 4 times a week and in a number of small Discussion Groups meeting once a week. It is essential that each student register for a Discussion Group (201A or 202A)							
<b>HOME AND FAMILY (H &amp; F)</b>							
Home Economics for Men	300-3		1	1:10-2:25	M W F	HEc 118	Miss Crain
Home Arts and Social Usage	301-3		1	10:20-11:35	M W F	HEc 5	Miss Crain
Home Management Residence	332-4	227, 331 F&N 335	1	To be arranged		Hmgt Apt	Miss Crain
Selection, Use and Care of Appliances (July 16-August 10)							
Readings	424-4		1	7:30-10:10	MTu ThF	HEc 5	Miss Johnston
	481-2 to 4	*	1	To be arranged		HEc 116F	Miss Johnston
Thesis	599-2 to 4	*	1	To be arranged		HEc 116F	Miss Johnston
		* Consent of department					
<b>HOME ECONOMICS EDUCATION (H E ED)</b>							
Field Experience	371-6	370	1	To be arranged			Miss Fults
Introduction to Graduate Study	415-1		1	8:55-10:10	W	HEc 120	Miss Fults
Research Methods	500-4		1	11:45-1:00	MTu ThF	HEc 120	Miss Fults
Evaluative Procedures (June 18-July 13)	506-4		1	7:30-10:00	MTu ThF	HEc 120	Miss Fults

Workshop (Leadership Training for  
Parent Education) (June 18-22)

507-2	1	9:00-12:00 1:00-4:00	MTuWThF MTuWThF	HEc 133 HEc 133	Mrs Carty Mrs Carty
507-3	T1	9:00-12:00 1:00-4:00		HEc 133 HEc 133	Miss Keenan Mrs Evans
510-4	1	1:10-3:50	MTu ThF	HEc 120	Miss Cameron
572-2 to 5	1	To be arranged			Staff
599-2 to 5	1	To be arranged			Staff

Workshop (Programs for Gifted Students)  
(June 25-July 6)

Supervision (July 16-August 10)  
Special Problems  
Thesis

## INDUSTRIAL EDUCATION (1 ED)

Machine Woodwork	212-4	1	10:20-1:00	MTu ThF	T25 R102	Mr Pollock
General Metals I	226-4	1	7:30-10:10	MTu ThF	T25 R107	Mr Vineyard
Construction Methods for Primary Teachers	302-4	1	7:30-10:10	MTu ThF	T25 R110	Mr Shake
Diversified Crafts for Teachers and Recreational Leaders	303-4	2	10:20-1:00	MTu ThF	T25 R110	Mr Shake
Furniture Construction and Cabinet Making	313-4	1	7:30-10:10	MTu ThF	USch 105	Mr Schroeder
Industrial Internship	319-3	2	10:20-1:00	MTu ThF	USch 105	Mr Bunten
Machine Shop III	322-4	1	10:20-1:00	MTu ThF	T25 R102	Mr Pollock
Advanced Machine Shop	325-4	1	To be arranged	MTu ThF	T25 R109	Staff
General Metals II	329-4	1	10:20-1:00	MTu ThF	T25 R109	Mr Schroeder
Special Advanced Machine Shop	360-4	1	7:30-10:10	MTu ThF	T25 R107	Mr Vineyard
			10:20-1:00	MTu ThF	T25 R109	Mr Schroeder
Special Problems	430-2 to 6	1	To be arranged			Mr Erickson
Manual Arts Internship	435-6 to 12	1	To be arranged			Mr Gallington
Principles of Industrial Teaching	490-4	1	8:55-10:00	MTu ThF	HEc 302	Mr Bunten
School Shop Planning	492-4	1	7:30-8:45	MTu ThF	T26 R110	Mr Pollock
History and Philosophy of Industrial Education	504-4	1	7:30-8:45	MTu ThF	HEc 302	Mr Johnson
Research in Industrial Education	540-4	1	8:55-10:10	MTu ThF	T26 R110	Mr Gallington
Occupational Information and Guidance	541-4 <sup>1</sup>	1	10:20-11:35	MTu ThF	HEc 302	Mr Ramp
		T2	11:45-1:00	MTu ThF	HEc 302	Mr Ramp

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>INDUSTRIAL EDUCATION (I ED) (Continued)</b>							
New Developments in Industrial Education Research and Experimentation—Shops or Laboratories (June 19-22 and 25-28)	560-2 <sup>2</sup>		1	10:20-11:35	TuWThF	HEc 203	Mr Earl
A Look at New Curriculum Areas in Industrial Education (July 2-6 and 9-12)			2	1:10-2:25	MTuWTh	HEc 203	Mr Jarvis
Analysis as the Basis for Instruction (July 17-20 and 23-26)			3	1:10-2:25	MTuWTh	HEc 203	Mr Elges
The High School Industrial Education Department and Its Function (July 31-August 3 and August 6-9)			4	10:20-11:35	TuWThF	HEc 203	Mr Shoemaker
Special Investigation Thesis	570-2 to 6 599-1 to 9	*	1 1	To be arranged To be arranged	TuWTh MTuWTh		Mr Erickson Mr Gallington
<sup>1</sup> Cross-listed with Guidance <sup>2</sup> Cross-listed with Secondary Education *Consent of department							
<b>INSTRUCTIONAL MATERIALS (I M)</b>							
School Libraries as Information Centers	306-4		1	8:55-10:10	MTuWTh	To be arranged Lib 112	Staff Mr Evans
School Library Technical Processes	308-4		1	11:45-1:00	MTuWTh		
Library Materials for Children	405-4		1	7:30-8:45	MTuWTh	Lib 112	Miss Fletcher
Audio-Visual Methods in Education	417-4		1	8:55-10:10	MTuWTh	M 112	Staff
			2	2:35-3:50	MTuWTh	Lib 112	Mr Evans
			T3	11:45-1:00	MTuWTh	M 203	Mr Rust
School Library Activities and Practices Preparation of Teacher-Made Audio-Visual Materials	420-4 445-4		1 1	10:20-11:35 7:30-10:10	MTuWTh MTuWThF	Lib 112 To be arranged	Miss Fletcher Mr Butts
(June 18-July 13)							
Classroom Teaching with Television (July 16-20)	450-3		1	8:55-11:35	MTuWThF	To be arranged	Staff
Programming Automated Instruction	470-4		T1	1:10-3:50 8:55-10:10	MTuWThF MTuWTh	Lib 112	Staff Mr Rust
Mass Communications in Education	510-4		1	1:10-2:25	MTuWTh	Lib 112	Mr Butts



Supervision and Administration of Audio-Visual Program  
Problems in Instructional Materials  
Thesis

548-4  
576-2 to 4  
599-5 to 9

1  
1  
1

7:30-8:45  
To be arranged  
To be arranged

MTuWTh

Office

Mr. Ingli  
Mr. Wendt  
Mr. Wendt

## JOURNALISM (JRNL)

Newswriting and Editing I  
Newswriting and Editing II  
Typography  
Beginning Photography

201-3  
202-3  
214-3  
260A-3<sup>1</sup>

103  
103

1  
1  
1  
1

8:55-10:10  
1:10-2:25  
10:20-11:35  
7:30-8:45  
1:00-3:50

MTuWTh  
MTuWTh  
MTuWTh  
MTuWTh  
M W

T48  
T48  
T141  
T27 R100  
T27 R100

Mr. Howard  
Mr. Howard  
Mr. Modlin  
Mr. Anderson  
Mr. Anderson

Principles of Advertising  
Advanced Reporting  
Senior Seminar

370-3  
390-3  
399-1

202  
202  
Sr standing

1  
1  
1

10:20-11:35  
10:20-11:35  
To be arranged

M W F  
M W F

T48  
T48  
T48

Mr. Hileman  
Mr. Howard  
Mr. Long

High School Journalism Clinic  
High School Publications  
Teaching High School Journalism

420-2 to 4  
421-4  
422-3

\*

1  
1  
1

To be arranged  
10:20-11:35  
8:55-10:10  
1:10-2:25  
To be arranged  
8:55-10:10

M W F  
M W F  
Tu Th S

T48  
T48  
T48  
T48  
T48

Mr. Rice  
Mr. Rice  
Mr. Rice  
Mr. Howard  
Mr. Scroggins

Literature of Journalism  
Seminar in Public Opinion and Propaganda  
Research Problems  
Thesis

501-4  
532-4  
533-1 to 9  
599-3 to 9

1  
1  
1  
1

11:45-1:00  
7:30-8:45  
To be arranged  
To be arranged

MTuWTh  
MTuWTh

T48  
T48  
T48  
T48

Mr. Scroggins  
Mr. Long  
Mr. Long  
Mr. Long

<sup>1</sup> Cross-listed with Printing & Photography

\*Consent of department

## LABOR INSTITUTE

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

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. Room No.	Instructor
<b>LATIN AMERICAN INSTITUTE</b>							
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. Special courses available are Anthropology 110, Foreign Languages (Spanish) 103 and 360, Geography 485, and Government 370. Spanish 360 will be taught in Mexico in connection with the University of Guanajuato.							
<b>MANAGEMENT (MGT)</b>							
Introduction to Business	170-4		1	† 10:00-10:50	TuWThF	M 203	Mr Rehn
Business Writing	271-4		1	8:55-10:10	TuWThF	M 214	Mr Dandeneau
Corporation Finance	320-5		1	8:55-10:10	MTuWThF	M 215	Mr Buboltz
Business Organization and Management	340-4		1	11:45-1:00	TuWThF	M 214	Mr Buboltz
Small Business Management Internship II	365-3 to 14		1	To be arranged			Mr Bedwell
Business Law I	371-4		1	8:55-10:10	TuWThF	M 210	Mr Kovarsky
Production Management	380-4		1	7:30-8:45	MTuWTh	M 214	Mr Stamberg
Personnel Management	385-4		1	10:20-11:35	MTuWTh	M 206	Mr Stamberg
Business Enterprises and Public Policy	473-4		1	11:45-1:00	TuWThF	HEc 206	Mr Kittrell
Readings in Business Administration	500-2 to 5		1	To be arranged			Mr Hong
Seminar in Management	594-4		1	To be arranged			Mr Hong
Thesis	599-2 to 9		1	To be arranged			Mr Hong
† Full quarter course							
<b>MARKETING (MKTG)</b>							
Principles of Marketing	203-5	Econ 205	1	7:30-8:45	MTuWThF	HEc 102	Mr Hindersman
Retailing	331-4	230	1	8:55-10:10	MTuWTh	HEc 203	Mr Hindersman
Sales Management	438-4	230 or 337	1	10:20-11:35	MTuWTh	HEc 102	Mr Hoffman
Marketing Research and Analysis	490-4	230	1	7:30-8:45	TuWThF	HEc 201	Mr Benson

Readings	500-2 to 5	To be arranged	Mr Benson
Individual Research	501-2 to 5	To be arranged	Mr Benson
Graduate Survey of Marketing	550-4	8:55-10:10	Mr Benson
Marketing Seminar	595-3	To be arranged	Mr Hoffman
Thesis	599-2 to 9	To be arranged	Mr Hoffman

**MATHEMATICS (MATH)**

General Mathematics I	106-4	1	†	8:00-8:50	MTu ThF	M 314	Staff
		T2	†	8:00-8:50	MTu ThF	M 307	Staff
		3	†	12:00-12:50	M WThF	M 314	Staff
		T4	†	12:00-12:50	M WThF	M 312	Staff
		5	†	1:00-1:50	M WThF	M 312	Staff
		6	†	10:20-11:35	MTuW F	M 312	Staff
Elementary Analysis I	111-5	T1	†	8:00-8:50	MTuWThF	M 102A	Staff
		2	†	9:00-9:50	MTuWThF	M 307	Staff
		3	†	12:00-12:50	MTuWThF	M 307	Staff
Elementary Analysis II	112-5	1	†	10:00-10:50	MTuWThF	M 307	Staff
Calculus and Analytic Geometry I	113-5	1	†	1:00-1:50	MTuWThF	M 307	Staff

**Teaching of Elementary Mathematics**

Elementary Statistics	210-4	1	7:30-8:45	TuWThF	M 309	Staff
		2	1:10-2:25	M WThF	M 311	Staff
		1	8:55-10:10	MTu ThF	M 309	Staff
		T2	8:55-10:10	MTu ThF	M 310	Staff
		3	10:20-11:35	M WThF	M 311	Staff
Calculus and Analytical Geometry II	251-4	1	10:20-11:35	MTu ThF	M 309	Staff
Calculus and Analytical Geometry III	252-4	1	11:45-1:00	MTuWTh	M 309	Staff
Calculus and Analytical Geometry IV	253-4	1	7:30-8:45	MTu ThF	M 311	Staff

**Orthogonal Functions**

Linear Algebra I	420-3	1	8:55-10:10	M W F	M 311	Mr Gates
Theory of Numbers	421-3	1	11:45-1:00	M W F	M 311	Mr Skalsky
Modern Algebra for Teachers (NSF)	425-3	1	1:10-2:25	M W F	M 309	Mr Black
	440-4	1	7:30-8:45	MTuWThF	Ag 214	Staff
Survey of Geometry (NSF)	442-4	1	10:20-11:35	MTuWThF	Ag 116	Staff

**Programming for Digital Computers**

Probability and Statistics I (NSF)	455-4	1	10:20-11:35	MTu ThF	M 310	Staff
	480-3	1	8:55-10:10	MTuWThF	Ag 224	Staff

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>MATHEMATICS (MATH) (Continued)</b>							
Fundamental Concepts of Calculus (NSF)	544-4	NSF	1	7:30-8:45	MTuWThF	Ag 154	Staff
Intermediate Analysis for High School Teachers (NSF)	545-4	NSF	1	10:20-11:35	MTuWThF	Ag 166	Staff
Seminar in Analysis	520C-2		1	1:30-4:00	Tu	M 309	Mr Gates
Seminar in Problems and Statistics	550D-2		1	1:30-4:00	Th	M 309	Mr Starks
Seminar in Mathematics Education (NSF)	550E-2	NSF	1	1:30-4:00	Tu	To be arranged	Staff
Calculus of Variations	560-3	454	1	8:55-10:10	M W F	M 312	Mr Wilson
Research in Mathematics Education	592-3		1	2:35-3:50	M W F	M 311	Mr Kenner
Special Project in Algebra	595A-2 to 4		1	To be arranged			
Special Project in Geometry	595B-2 to 4		1	To be arranged			
Special Project in Analysis	595C-2 to 4		1	To be arranged			
Special Project in Problems and Statistics	595D-2 to 4		1	To be arranged			
Special Project in Mathematics Education	595E-2 to 4		1	To be arranged			
Thesis	599-2 to 6		1	To be arranged			
* Consent of department							
† Full quarter course							
‡ Open only to graduating seniors (August, 1962)							
<b>MICROBIOLOGY (MICR)</b>							
Research	511-3 to 15		1	To be arranged			Staff
Readings in Microbiology	528-1 to 10		1	To be arranged			Staff
Microbiology for High School Teachers (National Science Foundation)	550-4	One yr college biology	1	7:30-8:45 7:30-10:10	Tu Th W F	LS G16 LS G6	Staff Staff
Seminar in Biological Science (National Science Foundation)	552-1	One yr college biology	1	1:10-2:25 10:20-11:35	M	LS 323 LS G16	Staff Staff
Thesis	599-3 to 9		1	To be arranged			Staff
Dissertation	600-1 to 16		1	To be arranged			Staff

# MUSIC (MUS)

Band	001-1	1	1:10-2:25	Tu Th	Alg 115	Mr Canedy
Chorus	002-1	1	1:10-2:25	W F	Alg 115	Mr Taylor
Orchestra	003-1	1	1:10-2:25	M	Aud Stage	Mr Olsson
			7:00-9:00 P.M.	Tu	Aud Stage	Staff
Private Violin	011-2 to 4	1	To be arranged		Alg 219	Mr Wharton
Private Viola	012-2 to 4	1	To be arranged		Alg 219	Mr Wharton
Private Cello	013-2 to 4	1	To be arranged		Alg 219	Mr Wharton
Private Double Bass	014-2 to 4	1	To be arranged		Alg 219	Mr Wharton
Private Flute	021-2 to 4	1	To be arranged		Alg 233	Mr Bottje
Private Oboe	022-2 to 4	1	To be arranged		Alg 231	Mr Forman
Private Bassoon	024-2 to 4	1	To be arranged		Alg 231	Mr Forman
Private Percussion	031-2 to 4	1	To be arranged		Aud 201	Mr Canedy
Class Piano	040-1	1	8:55-10:10	M W F	Alg 301	Mr Shaak
Private Piano	041-2 to 4	1	To be arranged		Alg 247	Mr Barwick
		2	To be arranged		Alg 239	Mr Denker
		3	To be arranged		Alg 103B	Mr Mueller
		4	To be arranged		Alg 234	Mr Shaak
Private French Horn	051-2 to 4	1	To be arranged		Alg 204	Mr Olsson
Private Trumpet	052-2 to 4	1	To be arranged		Alg 204	Mr Olsson
Class Voice	060-1	1	7:30-8:45	Tu Th	Alg 246	Mr Taylor
Private Voice	061-2 to 4	1	To be arranged		Alg 246	Mr Taylor
Private Organ	071-2 to 4	1	To be arranged		Alg 243	Mr Morgan

Music Understanding	100-3	1	† 3:00-3:50	M W F	Alg 115	Staff
Elementary Music (nonmusic majors)						
Recreational Music	300B-3	1	10:20-11:35	M W F	Alg 248	Mr Thomas
Composition I	307-4	1	8:55-10:10	MTu ThF	Alg 248	Mr McIntosh
Composition II	312-2	1	To be arranged		Alg 233	Mr Bottje
Composition III	313-2	1	To be arranged		Alg 233	Mr Bottje
Form and Analysis I	314-2	1	To be arranged		Alg 233	Mr Bottje
Opera Workshop	326A-3	1	8:55-10:10	M W F	Alg 106	Mr Bottje
	346-2 to 8	1	2:30-4:30	MTuWThF	Alg 246	Mr Taylor
		2	7:00-10:00	MTuWThF	Aud Stage	Mr Taylor
			9:00-12:00	M W F	Hot Springs,	Miss Lawrence
					Arkansas	
			4:00-6:00	Tu ThF	Hot Springs,	Miss Lawrence
					Arkansas	

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>MUSIC (MUS) (Continued)</b>							
Chamber Music Literature	413-3		1	1:10-2:25	Tu ThF	Alg 248	Mr Barwick
Elementary Music Education	455-4		1	9:00-12:00 1:30-3:30	MTuWThF MTuWThF	Alg 116 Alg 116	Mr Thomas Mr Thomas
Workshop (June 25-July 6)							
Private Piano	471-2 to 6		1	To be arranged		Alg 247	Mr Barwick
Private Voice	472-2 to 6		2	To be arranged		Alg 239	Mr Denker
Private Flute	474A-2 to 6		1	To be arranged		Alg 246	Mr Taylor
Private Organ	476-2 to 6		1	To be arranged		Alg 233	Mr Bottje
Readings in Music Theory	481-2 to 6		1	1:10-2:25	Tu Th	Alg 106	Mr Morgan
Readings in Music History Literature	482-2 to 6		1	1:10-2:25	M W	Alg 106	Staff
Readings in Music Education	483-2 to 6		1	2:35-3:50	Tu Th	Alg 106	Staff
Introduction to Graduate Study	501-3		1	8:55-10:10	M W F	Alg 239	Mr Denker
History of Analysis of Style	502C-3		1	10:20-11:35	M W F	Alg 106	Mr Mueller
Seminar in Music History Literature	522-3		1	To be arranged			Mr Morgan
Advanced Composition	531-3		1	To be arranged			Mr Bottje
Organization and Administration of the Music Education Program (Secondary)	551-2 <sup>1</sup>		1	To be arranged			Mr Taylor
Workshop (Seminar) in Instrumental Materials and Techniques (July 23-August 3)	554-3		1	9:00-12:00	MTuWThF	Aud Stage	Mr Forman
Advanced Conducting	556-2		1	To be arranged			Mr Canedy
Opera Workshop	568-2 to 8		1	2:30-4:30 7:00-10:00 9:00-12:00	MTuWThF MTuWThF M W F	Alg 246 Aud Stage Hot Springs, Arkansas	Mr Olsson Staff Mr Taylor Miss Lawrence
Private Piano	571-4		1	4:00-6:00	Tu ThF	Hot Springs, Arkansas	Miss Lawrence
Private Voice	572-4		2	To be arranged		Alg 247	Mr Barwick
Private Organ	576-4		1	To be arranged		Alg 239	Mr Denker
Thesis	599-3 to 6		1	To be arranged		Alg 246 Alg 243 Alg 103	Mr Taylor Mr Morgan Mr Mueller

<sup>1</sup> Cross-listed with Secondary Education

† Full quarter course



Courses on the 000 level and course 346 which are offered on an eight week basis are open to freshmen only if they are registered in other courses offered on an eleven week basis.  
 All private lessons (applied music courses) MUST be arranged for with the instructor concerned on the first day of the summer session (June 18).  
 Additional courses in private or class instruments will be offered to qualified students after consultation with the chairman of the Department of Music. All class instrument and voice students are reminded of the requirement of at least one hour of private practice per day. Air-conditioned practice rooms will be assigned on the first day of the summer session at the Department of Music office (Alg 103).

### NURSING (NURS)

Medical-Surgical Nursing III	240-4	230	1	1:00-2:50	TuWTh	HEc 128	Miss Jimison
Medical-Surgical Nursing III Practicum	240A-3	230A	1	7:00-11:00	TuWThF	Hospital	Miss Jimison
Psychiatric Nursing	325-4	Majors	1	1:00-2:50	F	HEc 128	Miss Jimison
Psychiatric Nursing Practicum	325A-6	Majors	1	7:30-10:10	ThF	HEc 128	Staff
Current Developments in Nursing	354-2	Majors	1	7:30-2:30	Th	Hospital	Staff
Principles of Public Health Nursing	375-4	Majors	1	7:30-3:00	W	Hospital	Miss Harrison
Public Health Nursing Practicum	380-8	Majors	1	10:20-11:35	ThF	HEc 128	Mrs Burton
			1	To be arranged	MTuWTh	Health Dept	Mrs Burton
			1	8:00-4:30			

### PHILOSOPHY (PHIL)

Practical Logic I	120-2		1	†	Tu	HEc 208	Mr McClure
Ideas of Good and Evil	140-2		1	†	Th	HEc 205	Mr McClure
Oriental Philosophy	303-4		1		MTuWTh	HEc 206	Mr Mohan
Elementary Ethics and Politics	340-4		1	8:55-10:10	MTuWTh	HEc 206	Mr McClure
Philosophy of Education	355-4†		1	10:20-11:35	MTuWTh	HEc 208	Mr Moore
Special Problems	490-2 to 4		1	To be arranged		HEc 209	Mr Moore
Seminar in Theory of Knowledge	530-2 to 4		1	To be arranged		HEc 207	Mr McClure
General Graduate Seminar	589-2 to 5		1	To be arranged		HEc 207	Mr McClure
General Graduate Seminar	590-2 to 5		1	To be arranged		HEc 209	Mr Moore

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. Room No.	Instructor
<b>PHILOSOPHY (PHIL) (Continued)</b>							
Readings in Philosophy	591-1 to 5		1	To be arranged		HEc 207	Mr McClure
Thesis	599-3 to 6		1	To be arranged		HEc 209	Mr Moore
				† Full quarter course			
<b>PHYSICAL EDUCATION FOR MEN (P E M)</b>							
Freshman Adapted and Restricted Physical Education	149-1		1	9:00-9:50	TuWTh	Gym 207	Staff
Volleyball	184-1		1	8:00-8:50	MTu Th	Gym 207	Staff
			2	9:00-9:50	MTu Th	Gym 207	Staff
			3	10:00-10:50	M W F	Gym 207	Staff
			4	12:00-12:50	MTuW	Gym 207	Staff
			5	1:00-1:50	MTuW	Gym 207	Staff
			6	2:00-2:50	MTuW	Gym 207	Staff
			1	8:00-8:50	MTuW	Gym 207	Staff
Softball	188-1		2	9:00-9:50	TuWTh	Gym 207	Staff
			3	10:00-10:50	MTu Th	Gym 207	Staff
			4	11:00-11:50	MTuW	Gym 207	Staff
			5	12:00-12:50	MTuW	Gym 207	Staff
			6	1:00-1:50	MTuW	Gym 207	Staff
			7	2:00-2:50	MTuW	Gym 207	Staff
			8	2:00-2:50	MTuW	Gym 207	Staff
			9	2:00-2:50	MTuW	Gym 207	Staff
Basketball	189-1		1	8:00-8:50	M W F	Gym 207	Staff
			2	9:00-9:50	M W F	Gym 207	Staff
Beginning Swimming	198-1		1	12:00-12:50	Tu ThF	Pool	Staff
<b>Sophomore Adapted and Restricted Physical Education</b>							
Bowling (Fee required)	249-1		1	8:55-10:10	Tu Th	Gym 207	Staff
	254-1		1	8:55-10:10	M W	Bowling A	Staff
			2	10:20-11:35	M W	Bowling A	Staff
			3	11:45-1:00	M W	Bowling A	Staff
Golf	280-1		1	7:30-8:45	M W	Gym 207	Staff

† Cross-listed with Educational Administration and Supervision

Badminton		2	8:55-10:10	M W	Gym 207	Staff
		3	10:20-11:35	Tu Th	Gym 207	Staff
		4	11:45-1:00	M W	Gym 207	Staff
	288-1	1	7:30-8:45	Tu Th	Gym 207	Staff
		2	8:55-10:10	Tu Th	Gym 207	Staff
Tennis		1	7:30-8:45	M W	Gym 207	Staff
	290-1	2	7:30-8:45	Tu Th	Gym 207	Staff
		3	8:55-10:10	M W	Gym 207	Staff
		4	10:20-11:35	M W	Gym 207	Staff
	292-1	1	10:20-11:35	Tu Th	Gym 207	Staff
Intermediate Volleyball Elementary Swimming Advanced Swimming	298-1	1	10:20-11:35	M W	Pool	Staff
	299-1	1	11:45-1:00	M W	Pool	Staff
		2 <sup>1</sup>	To be arranged		LG	Mr Cross
Canoeing and Boating	378-1	1 <sup>1</sup>	To be arranged		LG	Mr Cross

### PHYSICAL EDUCATION FOR MAJORS AND MINORS

Methods and Materials of Coaching Baseball	115-2	1	† 9:00-9:50	MTuWTh	Gym 207	Mr Martin
Theory of Coaching Basketball Tests and Measurements in Physical Education Emergency Care and Prevention of Athletic Injuries	330A-2	1	11:45-1:00	M W	Gym 203	Mr Gallatin
	370-3 <sup>2</sup>	1	7:30-8:45	MTuWTh	Gym 203	Mr Knowlton
	376-3	1	10:20-11:35	MTuWTh	Gym 203	Mr Spackman Mr Lingle
Workshop: Physical Fitness—Its Role and Application in Education (June 18-July 13)	408-2 to 4 <sup>2</sup>	1	1:10-3:50	MTuWTh	Gym 203	Mr Bender
Curriculum in Physical Education Seminar in Physical Education Problems in Physical Education	501-4 <sup>2</sup>	1	7:30-8:45	MTuWTh	Gym 204	Miss Davies
	503-4 <sup>2</sup>	1	8:55-10:10	MTuWTh	Gym 203	Mr Shea
	504-4 <sup>2</sup>	1	10:20-11:35	MTuWTh	Gym 204	Miss Zimmerman

<sup>1</sup> For residents of Little Grassy Lake Camps

<sup>2</sup> Cross-listed with Physical Education for Women

\*Consent of department

† Full quarter course

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>PHYSICAL EDUCATION FOR WOMEN (P E W)</b>							
Beginning Swimming	100-1		1 2 1 2 1	8:00-8:50 9:00-9:50 8:00-9:50 10:00-11:50 11:00-11:50	M W F M W F Tu Th Tu Th M W F	Pool Pool Gym 208 Gym 208 Gym 208	Miss Stehr Miss Stehr Miss Stehr Miss Stehr Miss Stehr
Volleyball and Folk Dance	103-1						
Beginning Contemporary Dance	107-1						
Intermediate Swimming	205-1		1	7:30-8:45	M W	Pool	Miss Thorpe
Archery	214-1		1	8:55-10:10	M W	Gym 208	Miss Davies
Tennis	216-1		2	11:45-1:00	Tu Th	Gym 208	Miss Thorpe
			1	7:30-8:55	M W	Gym 208	Miss Wood
			2	8:55-10:10	M W	Gym 114	Miss Wood
			3	11:45-1:00	M W	Gym 114	Miss Conatser
			4	1:10-2:25	Tu Th	Gym 114	Miss Conatser
Golf	222-1		1	7:30-8:55	Tu Th	Gym 114	Miss Thorpe
			2	8:55-10:10	Tu Th	Gym 114	Miss Thorpe
			3	10:20-11:35	M W	Gym 114	Miss Thorpe
			4	10:20-11:35	Tu Th	Gym 114	Miss Wood
			5	11:45-1:00	Tu Th	Gym 114	Miss Conatser
			6	1:10-2:25	M W	Gym 114	Miss Conatser
Teaching Elementary School	319-4		1	7:30-8:45	MTuWTh	M 110	Miss Zimmerman
			2	11:45-1:00	MTuWTh	M 110	Miss Wood
Sports Program for High School Girls	363-1 to 4		1	1:10-3:50	MTuWTh	M 110	Miss Stehr
Tumbling and Trampoline (June 18-21)			2	1:10-3:50	MTuWTh	M 110	Miss Thorpe
Bowling (Fee required) (July 2-6)			3	1:10-3:50	MTuW F	M 110	Miss Wood
Games with Inexpensive Equipment (July 9-12)			4	1:10-3:50	MTuWTh	M 110	Miss Zimmerman
Physical Fitness (June 18-July 13)	408-4 <sup>1</sup>		1	1:10-3:50	MTuWTh	Gym 203	Mr Bender
Curriculum in Physical Education	501-4 <sup>1</sup>		1	7:30-8:45	MTuWTh	Gym 204	Miss Davies
Seminar	503-4 <sup>1</sup>		1	8:55-10:10	MTuWTh	Gym 203	Mr Shea
Problems	504-4 <sup>1</sup>		1	10:20-11:35	MTuWTh	Gym 204	Miss Zimmerman
Readings in Physical Education	525-1 to 6		1	To be arranged			Staff

<sup>1</sup> Cross-listed with Physical Education for Men

# **PHYSICS (PHYS)**

Survey Physics

101-4

1

† 8:00-8:50  
8:00-9:50

M W F  
Tu

P 308  
P 317  
P 308  
P 317  
P 309  
P 317  
P 308  
P 317  
P 308  
P 317

Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff

Survey Physics

102-4

T2

† 11:00-11:50  
10:00-11:50

M W F  
Tu

P 308  
P 317  
P 309  
P 317  
P 308  
P 317  
P 308  
P 317

Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff

1

† 7:30-8:45

MTuW F

P 309  
P 317  
P 308  
P 317  
P 308  
P 317  
P 308  
P 317

Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff

2

† 10:00-10:50  
10:00-11:50

MTu W

P 308  
P 317  
P 308  
P 317  
P 308  
P 317  
P 308  
P 317

Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff

T3

† 9:00-9:50  
8:00-9:50

MTu W

P 308  
P 317  
P 308  
P 317  
P 308  
P 317  
P 308  
P 317

Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff  
Staff

Radio

312-5

207 or 212

1

10:20-11:35  
8:55-11:35

M WThF  
Tu

P 309  
P 318

Staff  
Staff

Physical Optics

410-5

Math 253 and 3  
advanced Phys courses

T1

8:55-10:10  
7:30-8:45

MTuWThF  
Tu Th

P 309  
P 302

Mr Arvin  
Mr Arvin  
Staff

Special Projects

420-2 to 5

302, 306

1

To be arranged

To be arranged

P 309  
P 302

Mr Arvin  
Mr Arvin  
Staff

Thesis

520-2 to 5  
590-1 to 9

1  
1

To be arranged  
To be arranged

To be arranged

P 309  
P 302

Staff  
Staff

† Full quarter course

† Open only to graduating seniors (August, 1962)

# **PHYSIOLOGY (PHSL)**

Introduction to Physiology

209-5

1

7:30-8:45  
7:30-10:10

M W F  
Tu Th

LS 113  
LS 113

Mr Kaplan  
Mr Kaplan

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>PHYSIOLOGY (PHSL) (Continued)</b>							
Special Problems	450-4	*	1	To be arranged	MTuWThF	Lab	Mr Kaplan
Thesis	599-3	*	1	To be arranged	MTuWThF	Lab	Mr Kaplan
Dissertation	600-4	*	1	To be arranged	MTuWThF	Lab	Staff
		*Consent of department					
<b>PLANT INDUSTRIES (PL I)</b>							
Introductory Study of Soil	103-5	H S Chem	1	† 12:00-12:50	MTuWThF	Ag 166	Mr Caster
Landscape Gardening	304-3		1	8:55-10:10	MTu ThF	Ag 195	Mr Tucker
Special Studies in Plant Industries	390-1 to 8		1	To be arranged			Staff
Plant Breeding	415-3	315 or Zool 401	1	7:30-8:45	M W F	Ag 172	Mr Kelly
Forage Crop Management (Jun 18-Jul 13)	419-4	209	1	10:20-1:10	MTuWThF	Ag 172	Mr Portz
Readings	520-1 to 6		1	To be arranged			Staff
Research	575-1 to 6		1	To be arranged			Staff
Thesis	599-6 to 9		1	To be arranged			Staff
				† Full quarter course			
<b>PRINTING AND PHOTOGRAPHY (P &amp; P)</b>							
General Typography	217B-3		1	7:30-10:10	MTuWTh	T27 R100	Mr Modlin
Beginning Photography	260A-3†		1	7:30-8:45 1:00-3:50	MTuWTh M W	T27 R100 T27 R100	Mr Anderson Mr Anderson



Cinematography I	341A-3	1	1:00-1:50	MTuWTh	T27R100	Mr Mercer
Workshop in Cinema Production	344A-2 to 6 *	1	2:00-3:50	W	T27R100	Mr Mercer
Programs in Still Photography and Cinematography	390A-1 to 6 *	1	To be arranged			Mr Payne
* Cross-listed with Journalism			To be arranged			Staff
*Consent of department						
<b>PSYCHOLOGY (PSYC)</b>						
Introductory Psychology	201-4	1	8:55-10:10	M W	Ag 148	Staff
		2	8:55-10:10	Tu Th	Browne	Mr Lit
		3	8:55-10:10	M W	Ag 224	Staff
		4	8:55-10:10	Tu Th	Browne	Mr Lit
		5	8:55-10:10	M W	Ag 116	Staff
		6	8:55-10:10	Tu Th	Ag 168	Mr Lit
		T7	8:55-10:10	M W	Browne	Staff
		T8	8:55-10:10	Tu Th	Ag 172	Mr Lit
	211-4	1	7:30-10:10	M W	Browne	Mr Lit
	212-4	1	7:30-10:10	Tu Th	HEc 102	Staff
Principles and Methods of Psychology I					Browne	Mr Lit
Principles and Methods of Psychology II					HEc 208	Staff
					Browne	Mr Lit
					Ag 170	Staff
					Browne	Mr Lit
					T 142	Mr Lit
					T 142	Mr Lit
						Mr Wagman
						Mr Wagman
Child Psychology	301-4	1	7:30-8:45	MTuWTh	M 203	Staff
Psychology of Personality	305-4	2	10:20-11:35	MTuWTh	M 209	Mr Rafferty
Social Psychology	307-4	1	1:10-2:25	MTuWTh	HEc 208	Mr McHose
		1	10:20-11:35	MTuWTh	Ag 224	Mr Carrier
Theories of Motivation	408-4	1	1:10-2:25	MTuWTh	HEc 202	Mr Appley
Psychological Tests and Measurements	421-4	1	10:20-11:35	MTuWTh	HEc 202	Mr Hemingway
Mental Hygiene	432-4	1	7:30-8:45	MTuWTh	HEc 202	Mr Carrier

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>PSYCHOLOGY (PSYC) (Continued)</b>							
Theories of Personality Independent Projects	440-4 490-1 to 16 *	305 or *	1 1	10:20-11:35 To be arranged	MTuWTh	Ag 170	Mr Martire Staff
Assessment Procedures in Counseling	547-2	421 or *	T1	To be arranged			Mr Doleys Staff
Readings in Psychology	590-1 to 16 *		1	To be arranged			Staff
Research in Psychology	591-1 to 36 *		1	To be arranged			Staff
Practicum in Rehabilitation	593M-1 to 18 *		1	To be arranged			Staff
	593N-1 to 18 *		1	To be arranged			Staff
Thesis	599-1 to 9 *		1	To be arranged			Staff
Dissertation	600-1 to 45 *		1	To be arranged			Staff
*Consent of department							
<b>RADIO-TELEVISION (R-T)</b>							
Radio-Television Speaking	161-4		1 2	† 8:00-8:50 † 1:00-1:50	MTu ThF MTu ThF	RadS RadS	Mr Richter Mr Richter
Survey of Broadcasting	251-2		1	10:20-11:35	Tu Th	A 102	Mr Holman
Fundamentals of Broadcast Writing	257-4		1	10:20-11:35	TuWThF	A 207	Mr Criminger
Programs and Audiences	351-5		1	2:35-3:50	MTuWThF	T38 R101	Mr Holman
Laws and Policies	352-4	351	1	8:55-10:10	MTu ThF	T38 R103	Mr Criminger
Radio-TV in Education	353-2		1	10:20-11:35	Tu Th	A 211	Mr Robbins
Radio-TV Program Planning	354-4	351	1	11:45-1:00	MTu ThF	T38 R103	Mr Criminger
Television Announcing	361-2	261	1	7:30-8:45	Tu Th	TVS	Mr Uray
Fundamentals of TV Production	368-3	367	1	10:20-1:00	M W F	TVS	Mr Uray
Advanced Radio Production Laboratory	373-1 to 4	*	1	To be arranged		RadS	Mr Holman
Advanced TV Production Laboratory	374-1 to 5	*	1	To be arranged		TVS	Mr Uray
Newscasting	375A-4	*	1	11:45-1:00	MTuWTh	RadS	Mr Mofield
Advertising and Sales	375G-3	*	1	2:35-3:50	MTuW	A 207	Mr Mofield

Individual Research Problems

Production Problems

TV Station Management

375J-1 to 4 \*

375N-1 to 4 \*

394-5

1

1

1

To be arranged

To be arranged

1:10-2:25

† Full quarter course

\*Consent of department

MTuWThF

TVS

Mr Mofield

Mr Mofield

Mr Uray

## RECREATION AND OUTDOOR EDUCATION (REC)

Introduction to Recreation Leadership	201-4	1	7:30-8:55	MTuWTh	Office	Mr O'Brien
Programs in School Camping and Outdoor Education	301-4	1	To be arranged		LG	Mr Gehlsen
Maintenance and Repair of Recreation Areas, Facilities, and Equipment	305-4	1	To be arranged		LG	Staff
Social Recreation	310-3	1	To be arranged		LG	Staff
Camp Leadership	311-2 to 6	2	To be arranged		LG	Staff
		3	To be arranged		LG	Staff
Playground Leadership Workshop (June 13-16)	312-2	1	To be arranged		LG	Mr Franklin
	312-2 to 6	2	To be arranged			Mr Franklin
Institutional Recreation Leadership	314-2 to 6	3	To be arranged			Mr Franklin
Recreational Dramatics	315-4	1	To be arranged		LG	Mr Bender
		1	To be arranged			Mr Taylor
Principles and Interpretations of Recreation Techniques in Camping	450-4	1	8:55-10:10	MTuWTh	Office	Mr O'Brien
	480-4	1	To be arranged		LG	Staff
School Camping and Outdoor Education Workshop	510-4	1	To be arranged			Mr Sharp
Recreation Surveys and Planning of Facilities	540-4	1	10:20	MTuWTh	Office	Mr Freeberg
Field Problems-Community Recreation	550-4	1	11:45	MTuWTh	Office	Mr Taylor
						Mr Freeberg

\*Consent of department

## REHABILITATION COUNSELING

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

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>RELIGION (REL)</b>							
Teachings of Parables	325-3		1	8:55	M W F	BF	Mr Queen
Church Administration	335-3		1	7:30	M W F	BF	Mr Hall
<b>RUSSIAN STUDIES</b>							
Students interested in a minor in Russian studies should consult Mr. Egon Kamarasy, Department of Government, administrator and academic adviser for the program.							
<b>SECONDARY EDUCATION (S ED)</b>							
Principles of Secondary Education	310-4	Guid 305	1	7:30-8:55	TuWThF	T40 R115	Mr Fligor
High School Methods	315-3		2	1:10-2:25	MTuWTh	HEc 306	Mr Smith
Readings in Secondary Education	375-2 to 3		1	7:30-8:55	M W F	USch 41	Mr Mees
			1	To be arranged			Staff
Aero Space Education Workshop (August 13-24)	402-4 <sup>1</sup>		1	8:55-11:35	MTuWThF	HEc 203	Staff
Field Training in Community Development Methods	450-4 to 14	Major and Minors	1	1:10-3:50			
Economic Education Workshop (June 18-29)	490-4 <sup>2</sup>		1	To be arranged	MTuWThF	HEc 301	Mr Franklin
				8:55-11:35			Mr Cochran &
				1:10-3:50			Mr DeWeese
Improvement of Reading Instruction	505-4 <sup>1</sup>		1	10:20-11:35	MTuWTh	T40 R101	Mr Karlin
Readings in Reading	507-2 to 4 <sup>1</sup>		1	To be arranged			Mr Karlin
Diagnosis and Correction of Reading Disabilities I	521-3 <sup>1</sup>		1	8:55-10:10	MTuWTh	T40 R101	Mr Karlin
Core Curriculum in the Secondary School	550-4		1	10:20-11:35	TuWThF	HEc 122	Mr Fligor
Organization and Administration of the Music Program (Secondary)	551-2 <sup>3</sup>		1	To be arranged			Mr Forman
New Developments in Industrial Education Research and Experimentation—Shops or Laboratories (June 19-22 and 25-28)	560-2 <sup>4</sup>		1	10:20-11:35	TuWThF	HEc 203	Mr Earl
A Look at New Curriculum Areas in Industrial Education (July 2-6 and July 9-12)			2	1:10-2:25	MTuWTh	HEc 203	Mr Jarvis



Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>SECRETARIAL and BUSINESS EDUCATION (SEC) (Continued)</b>							
Typewriting IV	213-3	104	1	10:20-11:35	TuWThF	T32 R103	Miss DuFrain
Shorthand IV	216-4	107	1	11:45-1:00	M WThF	T32 R103	Mrs Lockwood
Transcription	308-4	216	1	11:45-1:00	M WThF	T32 R103	Mrs Lockwood
Calculating Machines	313-4		1	8:55-10:10	MTuW F	T32 R104	Miss DuFrain
Teaching Clerical Practice and Office Machines	406-4	313	1	10:20-11:35	MTuW F	T32 R104	Mr Bauernfeind
Office Management	407-4		1	7:30-8:45	MTu ThF	T32 R104	Mrs Lockwood
Readings in Business Education	500-2 to 5		1	To be arranged			Staff
Individual Research in Business Education	501-2 to 5		1	To be arranged			Staff
Research in Business Education	502-4		1	8:55-10:10	MTuWTh	T32 R110	Mr West
Psychological Bases for Teaching Secretarial Skills	504-4	Math 410 or Guid 420	1	11:45-1:00	MTuWTh	T32 R110	Mr West
		Guid 305 Sec. 403 or Sec. 404					

† Full quarter course

**SMALL BUSINESS INSTITUTE**

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

**SOCIOLOGY (SOC)**

Introductory Sociology

101-5	1	†	12:00-12:50	MTuWThF	M 105	Staff
	T2	†	12:00-12:50	MTuWThF	M 102A	Staff
	3	†	9:00-9:50	MTuWThF	M 203	Staff
	T4	†	9:00-9:50	MTuWThF	Ag 166	Staff
	5	†	10:00-10:50	MTuWThF	M 102A	Staff
	T6	†	11:00-11:50	MTuWThF	M 102A	Staff



Community Organization	333-4	101	1	10:20-11:35	MTuWThF	Ag 168	Staff
The Family	340-4	101	1	8:55-10:10	MTuWTh	M 209	Miss Snyder
Juvenile Delinquency	373-4	101	1	7:30-8:45	TuWThF	HEc 306	Mr Petroff
Introduction to Social Work	380-4	101	1	8:55-10:10	MTuWTh	M 203B	Mr Vander Wiel
Social Factors in Behavior and Personality	426-4	8 hrs Soc	1	10:20-11:35	TuWThF	M 104	Mr Campisi
Sociology of Bureaucracy	539-4	15 hrs Soc	1	To be arranged			Mr Snyder
Individual Research	591-2 to 6	*	1	To be arranged			Staff
Readings in Sociology	596-2 to 6	*	1	To be arranged			Staff
Thesis	599-2 to 9	*	1	To be arranged			Staff
Dissertation	600-4 to 12	*	1	To be arranged			Staff
		*Consent of department		† Full quarter course			

## SPECIAL EDUCATION (SP E)

Problems and Characteristics of the Mentally Retarded	410-4	*	1	7:30-8:45	MTuWTh	A 209	Mr Frey
Directed Observation	413-4	*	1	8:55-11:35	M W	A 209	Mr Rainey
The Exceptional Child	414-4		1	11:45-1:00	MTuWTh	HEc 208	Mr Rainey
Workshop in Special Education (The Gifted Child) (July 16-27)	418-4		1	8:00-3:00	MTuWThF	USch	Mr Kolstoe
Communication Problems for the Deaf and Hard of Hearing	419-4†		1	To be arranged		LG	Mr Brutten
Methods and Materials for Teaching Exceptional Children	420-4		1	7:30-8:45	MTuWTh	M 202	Staff
Speech Correction for the Classroom Teacher	428-4†		1	To be arranged		T38 R101	Mr Brackett
Special Research Problems	501-4		1	To be arranged			Staff
Organization and Administration and Supervision of Special Classes	513-4		1	10:20-11:35	MTuWTh	M 202	Mr Kolstoe
Practicum	577-4		1	7:30-12:00	MTuWTh	USch	Mr Frey
Independent Investigations	596-4		1	To be arranged			Staff

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>SPECIAL EDUCATION (SPE) (Continued)</b>							
Thesis	599-5 to 9		1	To be arranged			Staff
<sup>1</sup> Cross-listed with Speech Correction		*Consent of department					
<b>SPEECH (SPCH)</b>							
Principles of Speech	101-4		1	12:00-12:50	MTu ThF	T38 R102	Mr McClerren
			2	9:00-9:50	MTuWTh	T38 102	Mr Talley
			3	1:00-1:50	MTuW F	T38 R102	Mr Claussen
			4	2:00-2:50	TuWThF	T38 R102	Mr Kleinau
			T5	12:00-12:50	TuWThF	T38 R101	Staff
			T6	10:00-10:50	M WThF	T38 R102	Staff
			T7	11:00-11:50	MTuWTh	T38 R102	Staff
			T8	1:00-1:50	MTuW F	T38 R103	Staff
			T9	2:00-2:50	TuWThF	T38 R103	Staff
Phonetics	200-4 <sup>1</sup>		1	10:20-11:35	MTuWTh	T38 R103	Mr Garbutt
British Public Address	418-4		1	To be arranged			Mr Micken
Techniques of Discussion Leadership	425-3		1	To be arranged			Mr Potter
Forensic Program (Secondary School)	427		1	To be arranged			Mr Potter
Medieval Rhetorical Theory	504-3		1	To be arranged			Staff
Research Problems	530-1 to 4		1	To be arranged			Staff
Thesis	599-2 to 9		1	To be arranged			Staff
Dissertation	600-1 to 12		1	To be arranged			Staff
<sup>1</sup> Cross-listed with Speech Correction				† Full quarter course			

## SPEECH CORRECTION (SP C)

Phonetics	200-4 <sup>1</sup> 212-4	200	1 1	10:20-11:35 2:35-3:50	MTuWTh MTu ThF	T38 R103 T156	Mr Garbutt Mr Gregory
Articulatory Problems and Delayed Speech							
Independent Study in Speech Correction and Audiology	400-1 to 4 *		1	To be arranged		T61	Staff
Practicum in Speech and Hearing Therapy	405C-2 to 4 *		1	To be arranged		T61	Mr Gregory
Techniques and Interpretations of Hearing Tests	406-4	jr standing	1	7:30-8:45	MTu ThF	T156	Mr Atkinson
Aphasia	415-4	412	1	1:10-2:25	MTu ThF	T156	Mr Hoshiko
Communication Problems of the Deaf and Hard of Hearing	419-4 <sup>2</sup>	406	1	11:00-12:00	MTu ThF	LG	Mr Brutton
Speech Correction for the Classroom Teacher	428-4 <sup>2</sup>	jr standing	1	1:10-2:25	MTu ThF	T38 R101	Mr Brackett
Readings in Speech Pathology	515-1 to 4		1	To be arranged		T61	Mr Brackett
Seminar in Residual Hearing	516-1 to 4		1	10:00-12:00	M Th	T156	Mr Atkinson
Seminar in Articulation and Delayed Speech	521-1 to 4		1	8:00-10:00	Tu F	T61	Mr Anderson
Seminar in Organic Speech Problems	522-1 to 4		1	10:00-12:00	Tu F	T156	Mr Koeppe and Mr Baker
Seminar in Stuttering Behavior	529A-1 to 4		1	2:30-4:30	Tu F	T156	Mr Brutton
Research Problems in Speech Correction	530-1 to 4		1	To be arranged		T61	Staff
Seminar in Speech Science	533-1 to 4		1	8:00-10:00	M Th	T61	Mr Hoshiko
Seminar in Administration of Speech and Hearing Programs	536-1 to 4		1	2:30-4:30	M Th	T61	Mr Koeppe-Baker
Thesis	599-2 to 9		1	To be arranged		T61	Staff
Dissertation	600-1 to 12		1	To be arranged		T61	Staff
<sup>1</sup> Cross-listed with Speech		*Consent of department					
<sup>2</sup> Cross-listed with Special Education							
<b>THEATER (THEA)</b>							
Theater Practicum	322-2 to 12		1	8:30A.M.-10:00P.M.	MTuWThF	T36	Staff
Theater Management	404-4		1	1:10-2:25	MTu ThF	T36	Mr Abrams
High School Theater and its Production Problems	409-4		1	8:55-10:10	MTuW F	T36	Mr Zoeckler

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>THEATER (THEA) (continued)</b>							
Theater Practicum	519-2 to 12		1	8:30 A.M.-10:00 P.M.	MTuWThF	T36	Staff
Research Problems	530-1 to 4		1	To be arranged		T36	Staff
Thesis	599-2 to 9		1	To be arranged		T36	Staff
<b>TRANSPORTATION INSTITUTE</b>							
Students interested in this field should consult Mr. Alexander R. MacMillan, Transportation Institute. Offices are located at 211 East Pearl.							
<b>ZOOLOGY (ZOOL)</b>							
Principles of Animal Biology	100-5		1	8:00-8:50	M W F	LS 205	Staff
Zoology Laboratory	100A-0		1	9:00-10:50	M W	LS 132	Staff
			2	1:00-2:50	M W	LS 132	Staff
			3	8:00-9:50	Tu Th	LS 132	Staff
			T4	10:00-11:50	Tu Th	LS 132	Staff
Animal Ecology	310-5	102, 103, or jr standing	1	2:35-3:50	M W F	LS 208	Staff
Problems in Zoology	322-2 to 5	1 yr Biol	1	1:10-3:50	Tu Th	LS 209	Staff
				To be arranged			
Natural History of the Invertebrates (National Science Foundation)	402-4	1 yr Zool	1	2:35-3:50	M W	LS 205	Staff
Natural History of the Vertebrates (National Science Foundation)	403-4	1 yr Zool	1	1:10-3:50	Tu Th	LS 213	Staff
				7:30-8:45	Tu Th	LS 204	Staff
			2	7:30-10:10	M W	LS 204	Staff
				7:30-8:45	Tu Th	LS 204	Staff
				1:10-3:50	M W	LS 204	Staff
Zoology Field Studies	404-4 to 8	*	1	To be arranged			Staff
Parasitology	407-5	1 yr Zool sr standing	1	8:55-10:10	Tu Th	LS 208	Staff
				7:30-10:10	M W F	LS 213	Staff

Mammalogy	461-4	1 yr Zool, sr standing	1	10:20-11:35 10:20-1:00	M W Tu Th	LS 208 LS 208	Staff Staff
Animal Biology for High School Teachers of Biology (National Science Foundation)	501-4	1 yr Biol	1	10:20-11:35 8:55-11:35 1:10-2:25	M W Tu Th W F	LS 205 LS 213 LS 205	Staff Staff Mr Ashby
Recent Advances in Biology (National Science Foundation)	502-2 <sup>1</sup>	1 yr Biol	1	1:10-2:25	Tu Th	LS 205	Staff
Advanced Limnology	521-4	*	1	1:10-2:25 1:10-3:50 To be arranged To be arranged	M W	LS 213	Staff Staff Staff Staff
Special Research in Zoology Thesis	596-3 to 12 599-2 to 9	* *	1 1	To be arranged			Staff
Dissertation	600-3 to 12	*	1	To be arranged			Staff

<sup>1</sup> Cross-listed with Botany

\*Consent of department

† Full quarter course

## VOCATIONAL-TECHNICAL INSTITUTE (VTI)

Accounting I	101B-2 to 7	1	6:30-9:15p.m.	M W	C 1	Mr Vaughn
Accounting III	103B-5	1	8:00-8:50	MTuWThF	C 1	Mr Cundiff
Secretarial Accounting	104B-5	1	11:00-11:50	MTuWThF	C 2	Mr Johnston
Business Law II	226B-4	1	10:00-10:50	MTuWThF	C 6	Mr Cundiff
Office Administration and Supervision	227B-5	1	9:00-9:50	MTuWThF	C 5	Mr Bizzel
Record Keeping	229B-2	1	9:00-9:50	MTuWThF	C 1	Mr Bizzel
		2	1:00-1:50	MTuWThF	C 1	Mr Bizzel
Cosmetology Laboratory IV	104C-9	1	8:00-11:50	MTuWThF	Cos Lab	Mrs McVey
		2	8:00-11:50	MTuWThF	Cos Lab	Mrs Frailey
		3	1:00-4:50	MTuWThF	Cos Lab	Mrs Cassidy
		4	1:00-4:50	MTuWThF	Cos Lab	Mrs Pate
Machine Drafting and Design I	101D-7	1	8:00-10:50	MTuWThF	Apt Lab	Mr Beauchamp
Machine Drafting and Design Theory I	125D-3	1	11:00-11:50	M W F	Apt Lab	Mr Beauchamp
Technical Drafting I	175D-3	1	1:00-1:50	MTuWThF	Apt Lab	Mr Nagel
Technical Drafting II	176D-3	1	2:00-2:50	MTuWThF	Apt Lab	Mr Nagel

Title	Course No. & Hours	Prerequisite	Section No.	Time	Days	Bldg. No. Room No.	Instructor
<b>VOCATIONAL-TECHNICAL INSTITUTE (VTI) (Continued)</b>							
Architectural Design IV	220D-6		1	8:00-10:50	M W F	T 7	Mr Lougeay
Materials and Methods of Construction II	250D-3		1	8:00-10:50	Tu Th	T 7	Mr Lougeay
Structural Elements	285D-4		1	2:00-2:50	MTuWTh	T 6	Mr Lougeay
Introductory Woodworking I	101F-8		1	8:00-10:50	MTuWThF	Wood Lab	Mr Osborn
Wood Technology	128F-2		1	8:00-8:50	M W	Wood Clrm	Mr Rice
Lumber Seasoning	130F-2		1	8:00-8:50	Tu Th	Wood Clrm	Mr Rice
Lumber Grading	131F-2		1	9:00-9:50	M W	Wood Clrm	Mr Rice
English Fundamentals	100G-3		1	2:00-2:50	MTuWThF	C 7	Staff
Mathematics Fundamentals	104G-5		1	1:00-1:50	MTuWThF	C 8	Staff
Basic Physics I	111G-4		1	2:00-2:50	MTuWThF	U 1	Staff
Human Biology	114G-2		1	2:00-3:50	Th	Dental Clrm	Mr Webber
Problems of American Government	121G-5		1	9:00-10:50	Th	Dental Clrm	Mr Webber
Introductory Physiology	141G-5		1	3:00-3:50	MTuWThF	C 5	Staff
Psychology of Human Relations	142G-4		1	9:00-10:50	M W	Dental Clrm	Mr Webber
			1	1:00-2:50	M	Dental Clrm	Mr Webber
			1	1:00-1:50	MTuWThF	C 7	Staff
Calculating Machines I	101K-3		1	10:00-10:50	MTuWThF	C 9	Mr Johnston
Engine Lathe and Bench Work Laboratory	101M-7		1	9:00-11:50	MTuWThF	MS Lab	Mr Muhich
Engine Lathe and Bench Work Theory	125M-5		1	8:00-8:50	MTuWThF	MS Clrm	Mr Muhich
Machine Shop Practice	175M-3		1	10:00-10:50	MTuWThF	MS Lab	Mr Muhich
Milling Machine Laboratory	210M-7		1	9:00-11:50	MTuWThF	MS Lab	Mr Muhich
Milling Machine Theory	225M-3		1	8:00-8:50	M W F	Bldg 2 Clrm	Mr Muhich
Nursing Practice and Theory II	102P-3		1	8:00-10:00	M W F	C 11	Mrs Mitchell
				10:00-12:00	M Th	C 11	Mrs Mitchell
				1:00-4:00	M W F	C 11	Mrs Mitchell
				3:00-4:00	Tu	C 11	Mrs Mitchell
				2:00-4:00	Th	C 11	Mrs Mitchell
				11:00-12:00	W F	C 11	Mrs Mitchell
				8:00-9:00	Tu Th	C 11	Mrs Christensen
				11:00-12:00	Tu	C 11	Mrs Christensen



Clinical Theory and Practice I	103P-4	1	2:00-5:00 2:00-4:00	Tu Th	C 11 C 11	Mrs Mitchell Mrs Mitchell & Mrs Baggott Mrs Baggott Mrs Baggott Mrs Mitchell Mrs Mitchell Mrs Christensen
Clinical Theory and Practice III	105P-8	1	1:00-4:00 1:00-3:00 9:00-10:00	M		
Health II	133P-1	1	2:00-3:00 11:00-12:00	Tu Th Tu	C 11 C 11	
Introduction to Retailing Product Analysis	124R-4 176R-3	1 1	9:00-10:50 8:00-8:50	M W F M W F	C 4 C 4	Mr Moore Mr Moore
Product Information Laboratory	177R-5 to 15	1	1:00-2:50	MTuWThF	C 4	Mr Moore
Co-operative Work Experience	201R-4 to 20	1	To be arranged			Mr Elder
Co-operative Work Experience	201R-4 to 20	2	To be arranged			Mrs Burnett
Co-operative Work Experience	201R-4 to 20	3	To be arranged			Mr Moore
Typewriting I	101S-3	1	6:30-9:00p.m.	Tu Th	C 10B	Mr Bizzel
Typewriting II	102S-3	1	1:00-1:50	MTuWThF	C 10B	Mr Johnston
Filing	107S-2	1	2:00-2:50	MTuWThF	C 10B	Mr Tooley
Shorthand Dictation I	204S-5	1	8:00-8:50	MTuWThF	C 10B	Miss Garrison
Shorthand Transcription I	207S-2	1	9:00-9:50	MTuWThF	C 10A	Miss Garrison
Typewriting VI	210S-2	1	8:00-8:50	MTuWThF	C 10A	Staff
Circuit Analysis I	102T-7	1	8:00-10:50	MTuWThF	U 6	Mr Schultz
Principles of Analysis and Diagnosis I	127T-5	1	1:00-1:50	MTuWThF	U 7	Mr Schultz
Circuit Analysis II	201T-6	1	8:00-9:50	MTuWThF	U 8	Mr Christensen
Principles of Analysis and Diagnosis	225T-5	1	10:00-10:50	MTuWThF	U 7	Mr Christensen
Oxy-Acetylene Welding Shop	101W-2 to 7	1	8:00-10:50	MTuWThF	Weld Shop	Mr Dallman
Oxy-Acetylene Welding Theory	125W-3	1	11:00-11:50	M W F	Wood Ctrm	Mr Dallman
Complete Denture Prosthesis	103Y-1 to 9	1	8:00-11:50	MTuWTh	Dental LabB	Mr Joy
Orientation, Dental Hygiene	130Y-1	1	1:00-3:50	F	Dental LabB	Mr Joy
Head and Neck Anatomy	132Y-2	1	9:00-10:50	Tu	Dental Ctrm	Mr Webber
Oral Anatomy Hygiene	133Y-3	1	9:00-10:50	Tu	Dental Ctrm	Mr Webber
			1:00-3:50	Th	Dental Ctrm	Mr Webber

# Worksheet for 1962 Summer Program

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

Name \_\_\_\_\_ Record No. \_\_\_\_\_  
(print) (last) (first) (middle)

Local Address \_\_\_\_\_ Phone \_\_\_\_\_

Home Address \_\_\_\_\_ Phone \_\_\_\_\_

(Street) (City) (State)

College \_\_\_\_\_ Class \_\_\_\_\_  
(Fresh., Soph., etc.)

Major \_\_\_\_\_ Minor \_\_\_\_\_

Scholarship \_\_\_\_\_ Hours you work \_\_\_\_\_

Student Now? \_\_\_\_\_ New Student? \_\_\_\_\_ Returning Student? \_\_\_\_\_

[illegible]



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