

1960

# 1960 Southern Illinois University Bulletin (Summer Session)

Southern Illinois University Carbondale

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1960

*Summer Session*

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June 20 - August 12



# Summer Session

*June 20-August 12*



SOUTHERN ILLINOIS UNIVERSITY BULLETIN  
Volume 2                      Number 1                      January, 1960  
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# Objectives of Southern Illinois University

## TO EXALT BEAUTY

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

## TO ADVANCE LEARNING

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

## TO FORWARD IDEAS AND IDEALS

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

## TO BECOME A CENTER OF ORDER AND LIGHT

THAT KNOWLEDGE MAY LEAD  
TO UNDERSTANDING  
AND UNDERSTANDING  
TO WISDOM.

Composed and printed by Printing Service  
Southern Illinois University  
Carbondale, Illinois

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# *Registration Calendar*

- April 11–  
June 3            Students enrolled in the 1959 summer session or the 1960 spring quarter may be advised and registered.
- June 16–17        Additional advisement and registration period for students who were not on the campus during the 1960 spring quarter
- May 27            Students will receive fee statements by mail if registered by this date. Students who register between May 27 and June 3 or on June 16 or 17 must pay fees at time of registration.
- June 10            Students will have their advance registration cancelled if fees are not paid at the Bursar's Office by 3:30 P.M.
- June 20            Central Registration Day
- June 21            Classes begin.
- June 21–25        Late Registration Period—late fee will be assessed. Students registering only for a workshop or special course that begins later than June 21 may register on the first meeting date of the class without late fee payment.
- July 2             Students who withdraw from the University after this date are not eligible for refund of fees for the 1960 summer session.

# *University Calendar, 1960-1961*

## SUMMER SESSION

Session Begins	Monday, June 20
Independence Day Holiday	Monday, July 4
Final Examinations	Wednesday–Thursday, August 10–11
Commencement	Friday, August 12

## FALL QUARTER

New Student Week	Friday–Tuesday, September 16–20
Quarter Begins	Wednesday, 12 noon–Monday, 8 A.M. November 23–28
Final Examinations	Monday–Saturday, December 12–17

## WINTER QUARTER

Quarter Begins	Tuesday, January 3
Final Examinations	Monday–Saturday, March 13–18

## SPRING QUARTER

Quarter Begins	Monday, March 27
Memorial Day Holiday	Tuesday, May 30
Final Examinations	Wednesday–Tuesday, June 7–13
Commencement	Wednesday, June 14

PHOTOGRAPHS

The cover is from the collection of A. J. Hendricks and "Rip" Stokes, co-authors of a forthcoming book "Wild Flowers of Illinois in Color."

The photograph on page 38 appears through the courtesy of the German Tourist Information Office.

Acknowledgment is made to the Photographic Service of Southern Illinois University for all other photographs.

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# The University

THIS BULLETIN contains general information about all instructional units of the University. For more complete information about the University the prospective student should address General Publications for a copy of the General Information Bulletin and also for a copy of the school or college bulletin in which he is interested.

## HISTORY

Southern Illinois University was established in 1869 as Southern Illinois Normal University. The shortened name became official in 1947 by action of the state legislature.

For some years after its establishment, Southern operated as a two-year normal school. In 1907 it became a four-year, degree-granting institution, though continuing its two-year course until 1936. In 1943 the state legislature changed the institution, which had been in theory exclusively a teacher-training school, into a university, thereby taking official recognition of the great demand in the area for diversified training.

The Graduate School, approved in 1943, at first granted only the Master of Science in Education degree. In 1948 it was authorized to grant also the Master of Arts and Master of Science degrees. In 1952 the Master of Fine Arts degree was added to this list, and in 1955 the Doctor of Philosophy degree was added. The Master of Music and the Master of Music Education degrees were authorized in 1956.

In 1949 the Belleville Residence Center was established and the Alton and East St. Louis residence centers in 1957. In 1958 the Southwestern Illinois Residence Office was created to co-ordinate and direct the University's educational activities in the Madison-St. Clair counties area. In 1959 its name was changed to the Southwestern Illinois Campus and the residence centers to the Alton Center and the East St. Louis Center.



*The Carbondale Campus*

## LOCATION

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

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

The Southwestern Illinois Campus at Edwardsville offers classes at the Alton, and East St. Louis centers. 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.

## SESSIONS

The academic year consists of three quarters. Each quarter is approximately twelve weeks in length. The fall quarter opens near the middle of September and closes just prior to the Christmas vacation period. The winter quarter begins early in January and ends about the middle of March. The spring quarter begins in late March and ends about the second week in June. Definite dates for each quarter may be found in the University Calendar.

In addition to the three quarters, there is an eight-week summer session which begins immediately following the close of the spring quarter.

The summer session consists of a comprehensive program of courses offered by most of the departments of the University. In addition to the courses which run the full eight weeks, there are workshops and short courses which run for shorter periods of time.

## REGULATIONS

The University and its various instructional units reserve the right to change the rules regulating admission, instruction, and graduation: and to change any other regulation affecting the student body. Such regulations shall go into force whenever the proper authorities so determine, and shall apply both to prospective students and to those who have enrolled in the University. The University also reserves the right to withdraw courses and to change fees.





*Two residence halls at Thompson Point will be available during the 1960 summer session.*



*The lounge in each of the Thompson Point residence halls is a long corridor overlooking the new Campus Lake.*

# The Summer Session

STUDENTS WHO KNOW at the time the summer sessions starts 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.

## HOUSING

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

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

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

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

## UNIVERSITY HOUSING FOR UNMARRIED STUDENTS

### THOMPSON POINT

Two residence halls at Thompson Point are available for men during

the summer session. The cost for room and 20 meals per week is \$148.00. Nonresidents may contract for board only at a cost of \$106.00 for the session. The student government also collects \$2.00 dues for social events.

#### WOODY HALL

A portion of Woody Hall is set aside for the residence of women during the summer session. The cost is \$148.00 which covers housing for the session and 20 meals per week. Nonresidents may contract for board only at a cost of \$106.00 for the summer session. The student government also collects \$2.00 dues for social events.

#### CO-OPERATIVE HOUSING

A limited number of co-operative housing facilities for men are available at Southern Acres, 10 miles east of the Carbondale campus. These facilities will allow the residents to provide their own meals and to do their own janitorial maintenance. Rent for the entire summer session is \$34.00.

### *UNIVERSITY HOUSING FOR MARRIED STUDENTS*

#### SOUTHERN HILLS APARTMENTS

These facilities are the first permanent accommodations for married



*The University provides housing for women in a portion of Woody Hall.*

students to be provided by the University. Three types of apartments are available in this area: two bedroom, one bedroom, and efficiency. All Southern Hills Apartments are furnished. The rental rate for an apartment varies from \$60.00 to \$75.00 per month plus a \$10.00 service-utility charge.

#### SOUTHERN ACRES APARTMENTS

Residential facilities for married students are provided at Southern Acres. These units are temporary buildings, and the apartments range in size from one to three bedrooms. All Southern Acres Apartments are unfurnished. The rental rate for an apartment varies from \$36.50 to \$46.00 per month.

#### CHAUTAUQUA STREET APARTMENTS

A number of unfurnished apartments may be available in this area which is adjacent to the main campus. The rent varies from \$36.50 to \$46.00 per month.

#### TRAILER COURT

A number of trailer spaces may be available in the trailer court, which is located adjacent to Southern Hills Apartments. Monthly rent for a trailer space, including water and sewer, is \$19.00.

### *OFF-CAMPUS HOUSING*

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

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

## EMPLOYMENT

The University assists students in obtaining part-time employment during the summer. Employment opportunities exist in on-campus work

and temporary or part-time jobs in the community and area. 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, this year to be on Wednesday nights, are provided by Audio-Visual Services. All of these programs are designed to provide suitable outlets for the students' recreational entertainment needs.

Educational opportunities other than those provided through coursework are also available. Special educational conferences permit students to participate in open sessions. Informal social hours are planned in order for

*The departments of Music and Theater presented The Most Happy Fella during the 1959 summer session. South Pacific is scheduled for 1960.*



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 four plays and, in co-operation with the Department of Music, a musical comedy in Shryock Auditorium.

## ADMISSION TO THE UNIVERSITY

All inquiries concerning admission to Southern Illinois University should be directed to the Admissions Office. Applications should be initiated at least thirty days in advance of the desired entrance date to permit the necessary work of processing to be completed.

Admission to Southern Illinois University constitutes admission to a particular college or instructional unit except in the case of a person who is admitted as an unclassified student. A student may also indicate the particular major field in which he is interested. Should he be undecided, he should enroll in the College of Liberal Arts and Sciences.

### *ADMISSION OF FRESHMAN STUDENTS*

#### ADMISSION POLICY

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

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

A student who has been graduated from an approved secondary school, and who ranks in the lowest quarter of his graduating class, will be permitted to enter (on scholastic probation) for the summer, winter, or spring quarters only. Exception to this rule may be made for a student desiring to enter in the fall if he shows high scores on the University's entrance examinations.

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

#### ADMISSION PROCEDURE

1. A student should apply to the Admissions Office for the proper forms early in the senior year. These consist of a personnel information form, a secondary record form, and a housing application form. General information about the University will be sent with these forms.

2. When the personnel form and secondary record form are received in the Admissions Office, the student will receive admission to the University if he is in the upper three-fourths of his graduating class. The records for a high school senior should not be returned until seventh semester grades are recorded.

3. A student who ranks in the lowest quarter of his graduating class cannot be considered for admission until after high school graduation and until after the entrance tests have been completed.

4. A high school senior will receive a supplementary transcript form which should be completed by the principal after graduation and returned to the Admissions Office.

5. The student will receive information about advisement, testing, and registration with his Certificate of Admission.

### *ADMISSION OF TRANSFER STUDENTS*

#### ADMISSION POLICY

To be considered for admission to advanced standing, a student who has attended other colleges or universities must present a full record of his previous academic work. This record includes a transcript and evidence of good standing from every college and university attended.

Admission by transfer does not necessarily mean that all credits presented for transfer will be accepted. Transferable credits are determined through evaluation at the time of presentation. In all cases, at least three-fourths of transferable credits from each institution must be "C" quality or above.

All transfer students are subject to the University's scholarship rules. A transfer student who is not in good scholastic standing under our scholarship rules can enter (on scholastic probation) the summer, winter, or spring quarters only, subject to the approval of the appropriate academic

dean. A transfer student suspended for poor scholarship from the last institution attended who would also have been suspended under Southern's scholarship rules is not eligible for admission to Southern until at least one quarter has elapsed from the date of suspension. A transfer student suspended for any reason other than academic failure must be cleared by the Office of Student Affairs before admission will be granted.

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

#### ADMISSION PROCEDURE

1. A transfer student should apply to the Admissions Office for the proper admission forms. These consist of the transfer personnel information form and general information about the University.

2. A transfer student must have an official transcript from each college and university attended sent to the Admissions Office. When *all* transcripts and the personnel information form have been received, the student will be advised of his admission status.

3. If he is eligible for admission in good standing he will receive a Certificate of Admission and information about advisement, testing, and registration.

4. If he must be admitted on probation, he will be referred to the dean of the academic unit he expects to enter. If he is not eligible for admission, he will be notified.

#### ADMISSION OF FOREIGN STUDENTS

A foreign student is subject to all admission regulations and procedures described above. In addition, every foreign student is subject to the following requirements.

1. A foreign student must complete a questionnaire for foreign students indicating the years of attendance for all previous schooling.

2. He must pass an English proficiency examination which can be taken at the American Consulate or a similar agency operated by the American government.

3. He must show evidence of having adequate financial support; the University does not assume responsibility for a student who is without adequate resources.

#### ADMISSION OF FORMER STUDENTS OF SOUTHERN

Any former student of Southern not in attendance on the campus at the close of the quarter preceding application for readmission must apply



to the Admissions Office for re-entrance clearance prior to registration. A student who attended the 1959 summer session and was in good standing at the close of the session need not apply for re-entrance clearance prior to registration for the 1960 summer session.

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

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

### *ADMISSION OF UNCLASSIFIED STUDENTS*

Any mature person who wishes to register for particular courses offered in any of the departments of the University without undertaking all of the regular plans of study and without becoming a candidate for a degree may be admitted as an unclassified student. Such a student must present satisfactory evidence that he is prepared to take advantageously the work required.

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

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

### *ADMISSION OF GRADUATE STUDENTS*

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

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

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

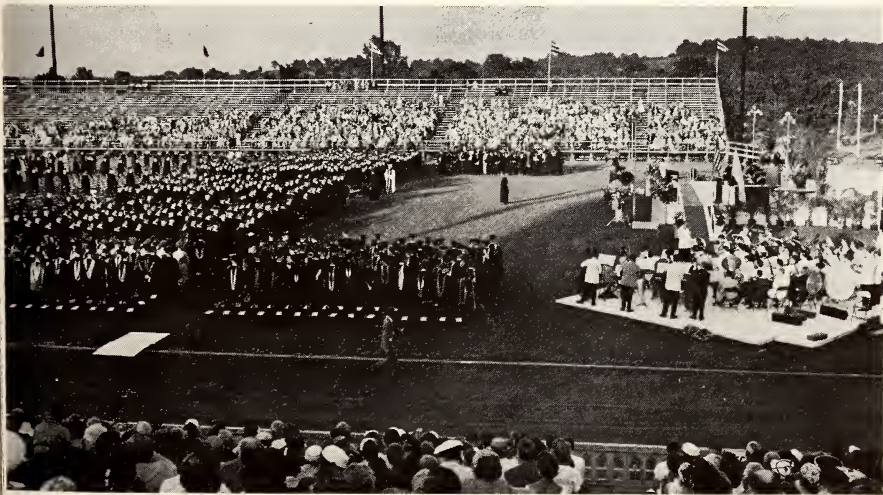
A student who holds the bachelor's degree and who does not wish to become a candidate for a higher degree or for another bachelor's degree but who wishes to take work in the University should apply for admission as an unclassified graduate student.

#### ADMISSION TO THE FIRST YEAR OF GRADUATE STUDY

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

Unconditional admission to the Graduate School for the first year of graduate study is granted to graduates of fully accredited colleges and

*In August, commencement exercises are held in McAndrew Stadium.*



universities whose undergraduate averages are equivalent to 3.2 or above on a 5-point grading scale. Grades for previous graduate work must be "B" or above.

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

#### ADMISSION TO ADVANCED GRADUATE STUDY

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

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

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

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

#### ADMISSION TO FULL GRADUATE STANDING

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

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

#### ADMISSION PROCEDURE

1. A graduate student should apply to the Admissions Office for the necessary application forms. If a student writes, he should include in his letter the date he plans to enter Southern, the name of the last institution attended, and his plans for graduate work, including a statement of

whether or not he plans to work toward a graduate degree at Southern.

2. The student should complete the application forms as directed and return them to the Admissions Office. At the same time, he should write for transcripts of all credits earned at colleges and universities other than Southern. These transcripts must be sent directly to the Admissions Office from the institutions, and they must reach the Admissions Office at least one month prior to the student's desired matriculation date if he is seeking a master's degree and four months prior to matriculation if he is seeking a doctor's degree.

## REGISTRATION PROCEDURE

Southern Illinois University uses a central advisement and advance registration system. The advance registration period for the 1960 summer session is from April 11 through June 3 and on June 16 and 17.

### UNDERGRADUATE STUDENTS

Before a new undergraduate student can register, he must contact the Admissions Office to be admitted. A student who has taken work at this University but not during the 1959 summer session or the 1960 spring quarter must secure readmission clearance at the Admissions Office before he can register. A student who has taken work at this University but was dropped at the end of his last attendance period must initiate readmission clearance.

An undergraduate student who was in attendance during either the 1959 summer session or the 1960 spring quarter need not be readmitted but should report to the Academic Advisement Center.

### GRADUATE STUDENTS

Before a new graduate student can register, he must contact the Admissions Office to be admitted. A student who has taken graduate work at this University but not during the 1959 summer session or the 1960 spring quarter must secure readmission clearance at the Admissions Office before he can register.

A graduate student who attended either the 1959 summer session or the 1960 spring quarter need not be readmitted but should report to the Graduate School office, 309 West Mill Street, Carbondale, Illinois.

## ADVISEMENT

Academic advisers are available by appointment throughout the ad-

vance registration period, but June 16 and 17 and Saturday mornings are reserved for students who were not on campus during the 1960 spring quarter.

### SECTIONING

Following advisement, registration is processed at the Sectioning Center, which is open from 8:30 A.M. to 3:30 P.M., from April 11 through June 3. It also processes registrations until noon on Saturdays during this period, for students who were not on campus during the 1960 spring quarter. On May 28 it will not process registrations after 11:00 A.M.

### FEE PAYMENT

A student who registers before May 27 will receive his fee statement by mail. If his fees are not paid by 3:30 P.M., June 10, his advance registration will be canceled. Anyone who registers from May 27 through June 3 or on June 16, 17, or 20 must pay his fees at the time he registers. No student may make a program change until he has paid his fees.

#### FEES FOR THE 1960 SUMMER SESSION

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

In addition, a graduate student matriculation fee of \$5.00 applies to graduates of schools other than Southern. Additional special fees include the following:

Out-of-State Fee .....	\$37.50
Late Registration Fee—\$2.00 first day, \$1.00 increase each day to maximum of .....	5.00
Program Change Fee .....	2.00
Completion of an Incomplete Course Fee .....	1.00
Graduation Fee .....	17.00
Graduate Aptitude Test Fee .....	3.00

Students attending under state teacher-training scholarships or military scholarships are required to pay the student union building fund fee and the book rental fee. Veterans attending under Public Laws 16 and 894 are not required to pay any of the regular fees. Students attending under Public Law 550 are required to pay fees, both regular and special,

and may not use military scholarships for waiving payment of any fees.

Students taking up to six hours, inclusive, pay fees on a half-fee basis. Also, such students may elect to pay the student activity fee or not, depending upon their individual wishes.

### *COURSE CHANGES AND WITHDRAWALS*

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.

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 20. Program changes made for reasons other than "for the convenience of the University" will carry a \$2.00 fee.

Official withdrawal from the University is initiated at the Office of Student Affairs. A student who officially withdraws on or before July 2 may obtain a full refund of fees provided he makes application for a refund at the Registrar's Office within ten days following the last day of the regular university registration period. Otherwise, no refund is permitted.

### *UNIT OF CREDIT*

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

### *ACADEMIC LOAD*

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

### *CLASS PERIODS*

Each summer session class period is seventy-five minutes in length.

Ten minutes are allowed between consecutive class periods. The schedule of summer session class periods follows.

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

### GRADING SYSTEM

Letter grades are interpreted as follows:

	GRADE POINTS PER HOUR
A, Excellent .....	5
B, Good .....	4
C, Satisfactory (This is intended to be the average grade.) .....	3
D, Poor, but passing .....	2
E, Failure; all work completed including final examination, but failed .....	1
W, Course not completed; includes incomplete records of all kinds (except deferred for graduate students) .....	0-5

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

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

Courses from which a student withdraws officially are shown on his record as "W." If an *undergraduate* student officially withdraws from a course within the first three weeks of the summer session, his withdrawal is indicated by a "W" followed by a number which indicates the week of the official withdrawal (for example W<sup>2</sup>). If he withdraws after the first three weeks, the grade which he was making at the time of withdrawal is also indicated (for example W<sup>4</sup>B). Exceptions to this rule may be permitted for unusual circumstances but only through written approval of the student's academic dean. A *graduate* student may receive a grade for a course from which he officially withdraws after the third week at the discretion of the instructor.

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

A student who, for any reason, must miss the final examination may

not take an examination before the one scheduled for the class. In this case a "W<sup>s</sup>" with a grade is recorded by the instructor. The final examination may be given at a later date, within one year. A complete record of all changes in grades will appear on the official transcript.

## DEGREES

Southern Illinois University grants the following degrees in June and August each year:

Associate in Art	Bachelor of Music Education
Associate in Business	Master of Arts
Associate in Technology	Master of Fine Arts
Bachelor of Arts	Master of Music
Bachelor of Science	Master of Music Education
Bachelor of Science in Agriculture	Master of Science
Bachelor of Science in Education	Master of Science in Education
Bachelor of Music	Doctor of Philosophy

### *REQUIREMENTS FOR THE BACHELOR'S DEGREE*

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

The following requirements should be met by degree candidates of all colleges within the first two years of attendance. (For the Bachelor of Music and the Bachelor of Music Education degrees, for which the requirements are somewhat different, see the School of Fine Arts Bulletin.)

Social Studies—20 hours (Work in four departments is required.)

Economics	5 hours
Geography	5 hours
Government	5 hours
History	5 hours
Sociology	5 hours

Humanities—18 hours

Art 120 or Music 100	3 hours
English, 101, 102, 103	9 hours
English 205, 206, 209, 211, 212	6 hours



NOTE: The student is advised to complete the foreign language requirement for the bachelor's degree, where applicable, within the first two years.

Biological Sciences—9 hours

Botany 101, 202, or Zoology 100                      5 hours

Health Education 100                                      4 hours

Mathematics and Physical Sciences—12 hours (Work in two departments is required.)

Chemistry

Mathematics

Physics

Practical Arts and Crafts—3 hours (This requirement does not apply if the student has had any of this work in high school.)

Agriculture

Business Administration

Home Economics

Industrial Education

Physical Education—6 hours

Air Science and Tactics—6 hours (Required of men only)

Six hours of Air Science and Tactics are required of all male freshmen, unless they are veterans or are excused from the requirement by the Military Policies Committee. Veterans who received university credit for basic training may not receive credit for the basic Air Science and Tactics nor for required physical education activity. Students who have been granted the usual academic credit for military basic training are not required to take Health Education 100, physical education activity, or basic military.

Students may satisfy any of the above requirements by passing non-credit attainment tests. In some cases, more advanced work may be substituted for the required courses listed. Students who transfer in the junior or senior years may substitute senior college courses in most departments for the freshman-sophomore courses listed above.

Before the end of the sophomore year, students will be required to remove deficiencies as shown on the freshman entrance tests. Students may remove such deficiencies by passing a university credit course, by passing a remedial course, or by passing a test given by the Testing Service.

Every degree candidate is expected to follow the basic program set out here plus the advanced work recommended by the department in which the student expects to do his major work. If the student intends to take his degree elsewhere, his adviser may recommend changes in these requirements in favor of those of the institution from which the student plans to be graduated. If the student changes his mind and decides to take his degree at Southern, none of the above requirements will be waived.

# The Units of Instruction

## THE GRADUATE SCHOOL

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

### *GRADUATE DEGREES*

Graduate degrees are available in the following fields and departments:

1. Master of Arts.—anthropology, art, biological sciences, botany, chemistry, economics, English, foreign languages, geography, government, history, journalism, mathematics, microbiology, philosophy, physical sciences, physics, physiology, psychology, rehabilitation counseling, sociology, speech, speech correction, theater, and zoology;

2. Master of Fine Arts.—art;

3. Master of Music.—music;

4. Master of Music Education.—music;

5. Master of Science.—agricultural industries, agricultural services, animal industries, art, biological sciences, botany, business, design, economics, English, geography, geology, home economics, journalism, mathematics, microbiology, physical sciences, physics, physiology, plant industries, psychology, rehabilitation counseling, sociology, speech correction, theater, and zoology;

6. Master of Science in Education.—art, biological sciences, chemistry, college student personnel work, educational administration, elementary education, English, foreign languages, guidance and counseling, health education, higher education, home economics, industrial education, instructional materials, instructional supervision, kindergarten-primary education, mathematics, physical education, physical sciences, recreation and outdoor education, secondary education, secretarial and business education,



*Oral examinations are sometimes required of candidates for advanced degrees.*

social sciences, special education, speech, speech correction, and theater;

7. Doctor of Philosophy.—educational administration and supervision, elementary education, secondary education, government, guidance and counseling, psychology, speech, speech correction, microbiology, and zoology.

### *ADVISORY COMMITTEE*

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

Complete information about various graduate programs will be found in the Graduate School Bulletin. Copies may be obtained from General Publications.

## COLLEGE OF LIBERAL ARTS AND SCIENCES

The College of Liberal Arts and Sciences grants the Bachelor of Arts degree.

### *REQUIREMENTS FOR GRADUATION*

Each candidate for the bachelor's degree must meet the following requirements:

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

Anthropology	Geography	Music <sup>1</sup>
Art <sup>1</sup>	Geology	Philosophy
Asian Studies <sup>2</sup>	Government	Physics
Biology	Health Sciences	Physiology
Botany	History	Psychology
Chemistry	Home Economics <sup>1</sup>	Religion <sup>2</sup>
Economics <sup>1</sup>	Language Arts	Russian Studies <sup>2</sup>
English	Latin American Studies	Social Studies
Foreign Language	Mathematics	Sociology
General Science	Microbiology	Speech <sup>1</sup>
		Zoology

<sup>1</sup> Liberal Arts nonprofessional majors only.

<sup>2</sup> Minors only.

### *PRE-PROFESSIONAL COURSES*

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

### *LIMITED HIGH SCHOOL TEACHING CERTIFICATE*

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



*During the summer session, classes sometimes are held outdoors.*

## COLLEGE OF EDUCATION

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

### GENERAL REQUIREMENTS

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

### MAJORS AND MINORS

MAJORS FOR THOSE PLANNING TO TEACH IN ELEMENTARY SCHOOL:

Art	Kindergarten-Primary Education
Elementary Education	Music
Foreign Languages	Special Education
Health Education	Speech Correction



*Future teachers receive valuable experience in student teaching.*

## MAJORS FOR THOSE PLANNING TO TEACH IN HIGH SCHOOL:

Art	Industrial Education
Biology	Journalism
Botany	Language Arts
Chemistry	Mathematics
English	Music
Foreign Language	Physical Education
General Science	Physics
Government	Recreation and Outdoor Education
Health Education	Secretarial and Business Education
Health and Physical Education	Social Studies
History	Speech
Home Economics	Zoology

## SCHOOL OF AGRICULTURE

The School of Agriculture provides instruction, demonstration, and consultation in agriculture, forestry, and other activities directed toward the rural development of Southern Illinois. The school includes the departments of Agricultural Industries, Animal Industries, Forestry, and Plant Industries, which are the instructional units; the university farms, test farms, co-operative agronomy research center, U.S.D.A. co-operative small fruits research station, and the Illinois horticultural experiment station, which are experimental and demonstrational units as well as serving teaching purposes.

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

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

## SCHOOL OF APPLIED SCIENCE

On July 1, 1959, the departments of Industrial Education and Applied

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

Applied science embraces the fields of solid and fluid mechanics, civil architecture, and electricity. It places a considerable emphasis on technical subjects and the physical sciences. It deals with power and design as used by the engineer. Many students who intend to transfer to engineering colleges will find it possible to use the curriculum as a pre-engineering program. Others may wish to complete the Bachelor of Science degree in applied science at Southern. Each candidate for the Bachelor of Science degree must fulfill the general university requirements.

The Department of Industrial Education offers work in major fields leading to degrees as follows:

1. Bachelor of Science in Education, for students in the College of Education preparing to teach industrial arts;
2. Bachelor of Science in Education, for students in the College of Education preparing to teach industrial trades;
3. Bachelor of Science, for students interested in becoming manual arts therapists;
4. Bachelor of Science, for students interested in industrial science and supervision and preparing for supervisory positions in industry. In this the following options are available: industrial design, metal processing, industrial personnel, and industrial production planning.

## SCHOOL OF BUSINESS

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

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

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





*Business students learn modern accounting methods.*

## SCHOOL OF COMMUNICATIONS

In the spring of 1955 the School of Communications was established to co-ordinate and facilitate the development of curricula, to provide instruction, and to stimulate research in the effective use of such communications media as public speaking, television, radio, newspapers, and magazines, and to provide service work in this field for other educational units requiring it.

The school is composed of the departments of Printing and Photography, Journalism, Radio and Television, Speech, Speech Correction, and Theater. All departments offer the Bachelor of Science degree in the School of Communications. Journalism and speech majors are offered for the Bachelor of Science in Education degree through the College of Education. The departments of Radio and Television, Speech, Speech Correction, and Theater co-operate on the offerings for this general speech major in the

College of Education. A similar general speech major is offered in the College of Liberal Arts and Sciences, though technical courses in the specific fields may not be included in this major.

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



*Students produce television programs on Southern Illinois stations as well as radio programs on WSIU-FM.*

## SCHOOL OF FINE ARTS

The School of Fine Arts is composed of the departments of Art, Design, and Music.

The Department of Art offers degree curricula through the following colleges and schools:

1. School of Fine Arts. Bachelor of Arts degree for majors in painting and prints, craft areas, and art education;
2. College of Education. Bachelor of Science degree for majors in art education;
3. College of Liberal Arts and Sciences. Bachelor of Arts degree for majors in art history;
4. Graduate School. Master of Arts, Master of Fine Arts, and Master of Science in Art Education.

The Department of Design offers degree curricula as follow:

1. School of Fine Arts. Bachelor of Arts degree for majors in visual



*The School of Fine Arts offers classes in art and music.*

design and product-shelter design;

2. Graduate School. Master of Science degree for majors in visual design and product-shelter design.

The Department of Music offers degree curricula through the following colleges and schools:

1. School of Fine Arts. Bachelor of Music degree for majors in applied music, theory-composition, music history-literature, church music, and music education;

2. College of Education. Bachelor of Music Education degree and a special curricula for specialists in recreational music offered in conjunction with the Department of Recreation and Outdoor Education;

3. College of Liberal Arts and Sciences. Bachelor of Arts degree for those who desire a specialization in music as a part of their general cultural education;

4. Graduate School. Master of Music degree for majors in applied music, theory-composition, music history-literature, church music; Master of Music Education degree.

## SCHOOL OF HOME ECONOMICS

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

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

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

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

1. Bachelor of Science in Home Economics, with specialization in apparel design, clothing and textiles merchandising, dietetics, foods in business, home advisers (extension), homemaking, institution management, or interior decoration.

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

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

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

## DEPARTMENT OF NURSING

The Department of Nursing was established in 1955. The purposes are threefold: (1) to increase and improve nursing services in Southern Illinois; (2) to prepare nurses for beginning positions in various fields of nursing; and (3) to assist students to develop to their maximum capacity both personally and professionally.

Two programs, both leading to the Bachelor of Science degree in nursing, are offered. The basic professional program, intended for those who

have had no previous education for nursing, covers a period of fourteen quarters. The program is accredited by the Department of Registration and Education, and graduates are eligible for licensure as Registered Nurses. It is open to men and women.

The supplemental program for registered nurses is open to graduates of diploma programs who are licensed to practice in some state or territory of the United States or some foreign country. In addition to the University's general education requirements, students must complete 64 hours of senior college credit, including the major in nursing. Credit for the diploma program is given on an individual basis.

Summer work-conferences are conducted annually. For information, address Chairman, Department of Nursing.



*Two programs leading to the Bachelor of Science degree are available in nursing.*

## DIVISION OF TECHNICAL AND ADULT EDUCATION

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

## DIVISION OF UNIVERSITY EXTENSION

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



*Members of the faculty travel to various communities of Southern Illinois to teach courses scheduled through the Division of University Extension.*

## INSTITUTES

In recent years several institutes with degree programs have been established at Southern. The institute as developed at Southern is a co-ordinated unit intended to supplement the work of the traditional academic departments. When the University has to perform some educational function which cuts across department, school, and college lines, the institute is a means of drawing together the various persons concerned to accomplish their purpose.

### COMMUNITY DEVELOPMENT INSTITUTE

The Community Development Institute is pioneering in the development of training for community leaders and professional community consultants.

### LABOR INSTITUTE

The Labor Institute provides educational opportunities for those in the labor field. The institute also plans programs for students seeking careers in the field.

### LATIN AMERICAN INSTITUTE

The Latin American Institute has developed co-ordinating curricula and research programs for students interested in the area south of the border.

### REHABILITATION INSTITUTE

The Rehabilitation Institute co-operates with numerous agencies toward improving the training of students majoring in rehabilitation counseling and field workers serving the handicapped. In addition, the Rehabilitation Institute engages in research and demonstrations on rehabilitation methods.

### SMALL BUSINESS INSTITUTE

The Small Business Institute was established to train students interested in founding or managing small businesses in Southern Illinois.

Detailed information about individual institutes may be obtained by writing to the director. The General Information Bulletin gives the location of the various institutes and the names of the directors.

# Special Courses

A NUMBER OF SPECIAL COURSES, including field courses, institutes, and workshops and short courses, have been scheduled by the various academic departments.

Students may register for special courses during the advance registration period April 11–June 3 and on June 16 and 17. Students may also register on June 20, the opening day of the summer session. Students registering *only* for a workshop or another special course that begins later than June 21 may do so on the first meeting date of the class without late fee payment.

Fees for special courses are assessed on the same basis as fees for regular courses. Students registering for six hours or less will pay half tuition and book rental, will have the option of paying the activity fee, and will pay the full student union building fund fee. Students registering for more than six hours will pay full fees.

## FIELD COURSES

### *CLOTHING AND TEXTILES*

The study of the fashion and textile industries of selected countries of western Europe will be conducted as a field course and will include some of the history of the fashion and textile industries and their present social, economic, and cultural significance. The course, Clothing and Textiles 580, carries eight hours of credit.

The group will leave from New York on June 29 after a day of briefing in New York and will return to New York by August 14. Travel from New York to Europe and back will be by plane; travel in Great Britain and on the continent will be by plane, train, and chartered bus.

The group will spend the major part of the time in England, France, and Italy, but will also make visits in Switzerland, Netherlands, Belgium, Germany, and Ireland.



The tour program will be composed mostly of visits to mills, factories, salesrooms, fashion salons, the headquarters of trade associations, and retail outlets. There will be opportunities to meet key people in the various segments of the fashion and textile industries in many of the countries. One of the highlights of the trip will be the viewing of fall collections of noted fashion designers.

In addition to studying the fashion and textile industries, the group will visit historic shrines in many of the countries; art museums, universities, castles, palaces, cathedrals, government buildings, and other public buildings of particular interest; and also recreational facilities. Provision will be made to attend performances at music and drama festivals in progress in the countries visited in accordance with itinerary and timing of the performances.

Director for the tour will be Dr. Adeline M. Hoffman, professor of home economics and chairman of the Department of Clothing and Textiles.

Credit for the course may be applied toward an advanced degree in home economics or toward an advanced degree in other fields as an elective with the approval of the student's adviser.

A reading list will be sent to students who plan to enroll in the course on receipt of the initial payment. Since students will not be on campus for a period of time before the trip, the reading list will be of use in preparing for the trip. Grades for the course will be assigned on the basis of a written examination which will be given before the group leaves Europe at the end of the tour.

Total cost of the trip will be \$1,295 and will cover travel, hotels, and meals in Europe, some recreational activities, and tips. The cost of the trip will not include travel from Illinois to New York and return, nor hotel expenses and meals while in New York and enroute between Illinois and New York. University fees will be in addition to the cost of the trip. For residents of Illinois who hold undergraduate degrees from Southern Illinois University the university fee will be \$41.50. For residents of Illinois who do not hold undergraduate degrees from Southern Illinois University there will be an additional matriculation fee of \$5.00. The additional university fee for out-of-state students will be \$37.50. Payment of the \$1,295 should be made in three installments; initial payment of \$50 should be made by January 4, the second installment of \$600 by March 15, and the final payment of \$645 by May 15. Payment installments for the trip should be sent directly to Dr. Hoffman while university fees should be paid in accordance with the usual university procedures as outlined elsewhere in this bulletin.

Correspondence concerning the trip should be directed to Dr. Adeline M. Hoffman, Department of Clothing and Textiles, School of Home Economics, Southern Illinois University, Carbondale, Illinois.

### FOREIGN LANGUAGES

The Department of Foreign Languages is offering its fifth study-tour of Mexico, Spanish 360. The course will begin with summer registration on June 20. The students will leave Carbondale about June 30 and return August 7. The course will end August 12. It will carry eight hours of credit and will be open to majors and minors in Spanish, and others with advanced standing in Spanish. There may be room for a limited number of persons who wish to go on the tour proper (June 30–August 7) without credit.

The first ten days will be spent on the campus and will consist of lectures on the history, customs, art, and culture of the country, as well as drill upon useful phrases. The group will travel by cars to Mexico City, which will serve as headquarters for three weeks, with side trips to Acapulco, Oaxaca, Taxco, Guadalajara, etc.

The fee for the tour has been set at \$215 and will include transportation, lodging, and guide service. It will not include meals. The fee is due before May 15. In addition, those students who take the tour for credit will be subject to regular registration fees.

Anyone interested in taking this tour, with or without credit, should write directly for reservation or information to the director of the tour, Dr. J. Cary Davis, Department of Foreign Languages, Southern Illinois University, Carbondale, Illinois.

### GOVERNMENT

Southern Illinois University in co-operation with the University of Hamburg, Hamburg, Germany, is sponsoring an overseas course, Development of German Democracy (Government 454). The course carries eight hours of credit. This Government Study Abroad program is an on-the-spot case study in the problems of exercising governing authority. Attention is given to the influence of German history upon present-day problems, the implications of the new post-war Constitution of the Federal Republic of (West) Germany, and the rise of an economic, social, and political European Community of which West Germany is an integral part. All lectures are in English.

The participating members will leave Chicago in a group via Lufthansa (German Airlines) on July 16. From July 17 to July 22, students will attend an orientation week program at a guesthouse near Hamburg. Lectures on The Contemporary German Scene and the history of The German Constitutional Development will parallel intensive oral drill in German during



*Business center of Hamburg, Germany*

this period. On July 23 the Government 454 course members will be placed in private homes in Hamburg. The formal course program will start on the campus of the University of Hamburg on July 25 and will end with the final examinations on August 20. Thereafter the students involved will be free to return to the States via Lufthansa's multi-stopover plan, staying as long in various European cities (along the stopover route chosen) as available time and money permit. All returns will be on an individual basis.

The group will be escorted on the eastward leg of the flight by a member of the staff of Southern's Department of Foreign Languages and by the SIU Department of Government expert in charge of the formal part of the study tour. During the four weeks of formal study in Hamburg, the SIU professor of government will arrange for lectures in English by prominent members of the University of Hamburg staff, by state and local government officials, as well as by political party representatives. Classes will meet mornings and afternoons Monday through Friday, leaving weekends for optional excursions to nearby points of interest. All students tak-

ing this course for credit will be expected to attend all lectures and activities of the orientation week and the four-week program on the University of Hamburg campus ending with the final examinations on August 20.

Included in the estimated total cost, \$920, is every foreseeable expense to the bona fide participants, *exclusive of the free period*. First there is the economy class round-trip transatlantic air transportation from Chicago to Europe and return (based on rates in effect on December 1, 1959). The university fees, passport fees, insurance, and cost of orientation week should amount to about \$100 (\$37.50 more for out-of-state students). The four weeks in Hamburg following the orientation course should not cost more than \$220, if careful economy is practiced. The actual total cost will, of course, vary with the private room rent paid in each case, types of meals eaten, number of souvenirs purchased, theaters visited, etc. An additional \$200 (not included in the \$920 figure above) is advised for the free period; more of course, if ambitious travel plans are contemplated.

Admission to the course is by consent of the SIU Department of Government. All inquiries concerning the course should be directed to either Dr. H. A. Hartwig of the Department of Foreign Languages or Dr. W. O. Winter of the Department of Government.

## WORKSHOPS AND SHORT COURSES

### *AGRICULTURAL INDUSTRIES*

The Department of Agricultural Industries will offer a four-week course from June 20 through July 15 for three hours of credit. Agricultural Co-operatives (Agricultural Industries 456) is the same course taught during the regular school year. It will be offered on a four-week basis, as in other universities, in order that professional workers unable to get away for a full summer's work may attend. This course considers the development of agricultural co-operatives, organizational structures, operating problems, and principles and practices of co-operative organization. Economics 205 is the prerequisite.

This course is given concurrently with the four-hour course entitled Swine Production (Animal Industries 465).

### *ANIMAL INDUSTRIES*

The Department of Animal Industries will offer a four-week course from June 20 through July 15. The Range Livestock Industry (Animal Industries 486) is a course designed to acquaint advanced students with

range livestock operations. It consists of a full-time classroom review of beef cattle and sheep production followed by a two-week field trip throughout the range area. The course carries four hours of credit and is offered summer term only. Prerequisites are Animal Industries 380 and 385.

The department will also offer Swine Production (Animal Industries 465) as a four-week course in conjunction with Agricultural Industries 456 from June 20 through July 15. Prerequisites are Animal Industries 105 and 315.

### *CLOTHING AND TEXTILES*

Elementary Fashion Millinery (Clothing and Textiles 129) will be offered for one hour of credit from July 18 through July 29, 7 P.M. to 9:30 P.M., Monday, Wednesday, and Friday. Various kinds of millinery construction will be demonstrated and students will make a number of hats. The course is open to all students. The instructor for the course will be Mrs. Bea Mansfield, who is director and founder of the Fashion Millinery School of St. Louis. Mrs. Mansfield has had considerable experience in the millinery business both as a designer and as a manufacturer. She has taught millinery courses at trade schools, at Washington University in St. Louis, and at Southern Illinois University.

### *ECONOMICS*

The Department of Economics and the Department of Secondary Education will offer jointly a workshop in economic education. Detailed information about the course may be found under Secondary Education in this bulletin.

### *ELEMENTARY EDUCATION*

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

Two sections of Education 441, Workshop in Teaching Elementary Science, will be offered during the summer session. (See Schedule of Classes for dates). The science workshop is planned particularly to meet the needs of in-service and prospective teachers and is open to both graduate and senior college students. Three objectives around which the program is organized are (1) to provide science experiences to enrich future science teaching, (2) to provide opportunities for meeting specialists in the fields of science and science education, and (3) to provide opportunities to discuss problems and achievements with others in the teaching field of

elementary science. Field trips under the leadership of specialists in the various areas of science will be taken. Opportunities will be provided for demonstrating experiments and activities that have been found to be particularly successful in teaching science concepts and truths.

Elementary Education 433, with emphasis on kindergarten-primary problems, will be offered to graduate and senior college students from July 5 through July 29, 8:55 A.M. to 11:35 A.M. 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. Staff of the University will be made available for discussion and consultation wherever needed.

Elementary Education 415, with emphasis on the improvement of instruction in arithmetic in the elementary school, will be held from June 20 through July 1 from 8:55 until 11:35 for two hours of credit. 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.

### ENGLISH

The Department of English will offer two workshops, English 486 and 487, in the teaching of English. The workshops will emphasize classroom techniques. Each carries two hours of graduate or undergraduate credit, and may be taken singly, or both may be taken for four hours of credit.

English 486 (for teachers at the senior high school level) will run one week, June 6-10, 8:30 to 12:00 and 1:00 to 3:30. This workshop will be conducted by Professor Edward J. Gordon, director of Teacher Training, Graduate School, Yale University. Professor Gordon has been active in the National Council of Teachers of English, has conducted numerous summer courses, and was formerly head of the English Department of Germantown Friends School, Philadelphia.

English 487 (for teachers at the junior high school level) will run one week, June 13-17, and will follow the same daily schedule. Since both

workshops are early there will be no conflict with courses in the regular summer session.

### *FOOD AND NUTRITION*

The Department of Food and Nutrition will offer the School Lunch Program (Food and Nutrition 247) as a short course for undergraduate credit during the summer session. 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, equipment, sanitation, nutrition, nutrition education, management and personnel relationships. It will not be a duplication of Food and Nutrition which was offered last summer. The class will meet from 9:00 A.M. to 12:00 noon and from 1:00 to 4:00 P.M., June 20 through June 24.

A graduate short course, Readings in Nutrition (Food and Nutrition 481), will be offered from June 20 through July 15 for four hours of credit. Emphasis will be given to current information, problems, needs, and source materials in the nutrition area. This course should be of interest to teachers who wish more information in nutrition.

### *FOREIGN LANGUAGES*

The Seventh Annual Foreign Language Elementary School Workshop (Education 435) will be offered from June 20 through July 15. It will be open to students of foreign languages and to elementary teachers with one year or more of college French, German, or Spanish, and also to high school foreign language teachers who are interested in teaching a language to grade school children. Classes run from 7:30 to 11:35 A.M., five days a week, and include oral drill in the language chosen, discussion of methods, lectures on learning problems of young children, observation of pilot classes, and practice with special materials. Integration of foreign languages with the child's regular program is stressed.

### *GEOGRAPHY*

The Department of Geography and the Latin American Institute will offer jointly a workshop in the Geography of Latin America. This course is designed primarily for in-service geography and social studies teachers in the elementary and junior high school. The prime objective of the workshop is to create in the teacher a thorough understanding of, and identification with, Latin American environment culture which can be transmitted to the students taught. The ultimate goal is to create in youth a clear

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

This course will carry four hours of credit and is listed in the Schedule of Classes as Geography 485. The course will meet from July 11 to August 5 inclusive, Monday through Friday, from 8:55 to 11:35 A.M.

### *GUIDANCE*

The Rehabilitation Institute is sponsoring an Institute for Rehabilitation Personnel (Guidance 481) from June 20 through July 1. This institute 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 institute may be taken for four hours of credit.

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

Students will be admitted only by special permission of a committee. This 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*

The Department of Health Education will offer a workshop in School Health Education (Health Education 461, 462, or 463). The workshop will meet for four weeks from 1:00 to 4:30 P.M. from June 20 through July 15.



It 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*

Special Problems in Child Development (Home and Family 480) will be offered from June 20 through July 15, Monday, Tuesday, Thursday, and Friday, 8:55 to 11:35 A.M. Selected topics from the areas of child development, preschool education, and developmental research will be chosen for study. The Child Development Laboratory will be available for observation of individual children, study of preschool group techniques and methods, and as a laboratory for exploratory research with young children. Students will utilize the laboratory and class meetings to further explore their own ideas and the collection of empirical evidence as an aid to the understanding of the literature in the field pertinent to the selected topics. This course is open to graduate students and undergraduate students with senior standing. It will carry four hours of credit.

Advanced Home Management (Home and Family 550) will be offered from July 18 through August 12, 8:55 to 11:35 A.M. This will be a study of family resources, especially time, money, and energy, and their use in attaining family goals. The management process throughout the various stages of the family life cycle will be emphasized. This course is open only to graduate students.

### *INDUSTRIAL EDUCATION*

The Department of Industrial Education is offering a new course during the summer session. The course, New Developments in Industrial Education (Industrial Education 560), is scheduled so that students may register for a two-week intensive course at four different periods of the summer session and thus earn from two to eight hours of credit. The course will meet five days per week 10:20-11:35 A.M. and 1:10-2:25 P.M.

Outstanding specialists have been selected to present lectures on recent and significant developments, pressing problems, and emerging trends

in the industrial education and technical fields. The subjects and the schedule of presentation follow:

Administration at the National, State, and Local Levels	June 21-24 June 27-30	Agriculture Building, Room 116	Mr. Robert A. Mellman, Director of Vocational Education, State of Pennsylvania
The High School Industrial Educa- tion Headship	July 5-8 July 11-14	Library Auditorium	Mr. M. J. Ruley, Supervisor of Industrial Arts, Tulsa, Oklahoma
Automation and Implications for Industrial Educa- tion Teachers	July 19-22 July 25-28	Furr Auditorium, University School	Mr. Thomas A. Hippaka, Head of Industrial Educa- tion, Iowa State College Ames, Iowa
Essentials of a Good Safety Program	August 2-3	Furr Auditorium, University School	Mr. Wayne Hughes, Director of School and College Safety, National Safety Council, Chicago
Industry Looks at Safety	August 4-5	Furr Auditorium, University School	Mr. E. V. Sisul, Safety Supervisor, McDonnell Aircraft Corporation, St. Louis Mr. Charles A. Bunten, Associate Professor and Co-ordinator, Southern Illinois University
Trends in Indus- trial Education from the National and International Points of View	August 8-11	Furr Auditorium, University School	Mr. Marshall A. Schmitt, Specialist for Industrial Arts, United States Office of Education, Washington, D.C.

### INSTRUCTIONAL MATERIALS

A workshop in the Preparation of Teacher-Made Audio-Visual Materials is to be offered during the first four weeks of the summer session. The workshop, Instructional Materials 445, will meet from June 20 through July 15, between 1:10 and 3:50 P.M., Monday through Friday. The course carries four hours of credit.

The workshop is designed to provide experiences in the preparation of such teacher-made materials at felt boards, buzz boards, accordians,

passe-partout, slides, transparencies, lettering, and dioramas; mounting of pictorial materials; and many other production skills. This course will demonstrate how these instructional aids can be produced with a minimum of materials and time.

### MUSIC

In co-operation with the Department of Theater, the Department of Music is offering its fifth annual Summer Opera Workshop (Music 346 or 568) under the general direction of William Taylor. The workshop may be elected for 2, 4, 6, or 8 hours of credit with permission of the instructor. In past years such large-scale works as *Oklahoma*, *Finian's Rainbow*, *LaBoheme*, *Carousel*, and *The Most Happy Fella* have been presented. *South Pacific*, by Rodgers and Hammerstein, is planned for the 1960 summer session. Members of the workshop will be on call for rehearsals nightly from 7:00 to 10:00 P.M. Special workshop projects are planned for afternoon sessions on call daily from 2:30 to 4:30 P.M. The workshop is designed as a medium of experience for singers, instrumentalists, actors, stage crews, and music or drama directors who wish to gain a deeper insight into the production problems of this type of performance.

A special one-week Workshop in Elementary Music Education (Music 455) from June 27 through July 1 will be available to all elementary classroom teachers. Observations of elementary music teaching at University School, orientation to music education principles and practices, immediate needs of the teachers, and development of the skills of the workshop personnel will be included in the workshop.

### PHYSICAL EDUCATION FOR WOMEN

The Teaching of Team Sports and Dance to Junior and Senior High School Girls (Physical Education for Women 361) starts June 20 and ends July 15. Meetings are from 1:10 to 4:00 P.M. on Mondays, Tuesdays, Wednesdays, and Thursdays.

The purpose of this workshop is to give practical help to teachers of physical education for girls. The course is designed for teachers who feel inadequately prepared in physical education. It will also help teachers qualify for state certification in teaching physical education.

The course consists of the techniques of teaching volleyball, basketball, soccer, and dance. It includes techniques, strategy, and formations. Each of the above activities will be concentrated in one week. The student may enroll for any number of weeks up to four, receiving one hour of credit for each week's work.

### PLANT INDUSTRIES

The Department of Plant Industries will offer a workshop course in Landscape Gardening (Plant Industries 304) for three hours of credit. The course will meet from August 1 through 12, from 7:30 to 11:35 A.M. in the new Agriculture Building. The course will cover the efficient and practical use of land areas, whether town lots, farmsteads, or school grounds. The location of structures and plants with respect to safety, serviceability, and attractiveness will be studied along with the selection, use, planting, culture, and care of shade and ornamental trees, shrubs, and flowers.

### 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, industrial education, physical education, and sociology.

The Department of Recreation and Outdoor Education is also having a summer workshop. This workshop is to give teachers experience in outdoor education and to demonstrate to school administrators, agency execu-



*The University has facilities for outdoor education at Little Grassy Lake.*

tives, recreation leaders, and others the values of outdoor education in their total education programs.

The workshop will begin on July 11 and will extend through July 15. Sessions will be held at the University's Little Grassy Lake Camp. Lodging and meals will be provided at a nominal cost.

Two hours of undergraduate or graduate credit can be earned in Recreation and Outdoor Education 510. A special project is required for graduate credit. This course may also be taken for noncredit.

### *SECONDARY EDUCATION*

The Economic Education Workshop (Secondary Education 490, or Economics 490) will begin June 20. It will meet both morning and afternoon, five days per week, for a two-week period ending July 1. Dr. Gordon Brunhild of the Department of Economics and a staff member from the Department of Secondary Education 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 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. Gordon Brunhild or Dr. Clarence D. Samford.

### *SECRETARIAL AND BUSINESS EDUCATION*

Charting a Course for Business Education is the title of a workshop that is to be conducted by Dr. Hamden L. Forkner, Sr., during the week of June 27-July 1. Students who enroll and participate in the workshop (Secretarial and Business Education 505) will receive one hour of graduate credit. The workshop will meet daily from 10:20 to 11:35 A.M. and from 1:10 to 2:25 P.M. in the Morris Library Auditorium.

Special arrangements will be made for students taking regular eight-week business education courses to attend the workshop. In addition, the

workshop will be open to business teachers and others who may want to attend the sessions as visitors.

The following topics will be discussed: June 27, Curriculum Trends and Business Education; June 28, Skill Subjects in the Business Curriculum; June 29, Economics in the Business Curriculum; June 30, Using the Problem Approach in Nonskill Subjects; and July 1, Testing, Standards, Evaluation, and Grading.

Dr. Forkner is a recognized authority in the field of business education. He has had 41 years of teaching and administrative experience. During the past 20 years he served as professor of business education and department chairman at Teachers College, Columbia University. He is co-author of four textbooks and author of scores of periodical articles. He is the founder of Future Business Leaders of America, recipient of the 1957 Gregg Award for outstanding service to business education, and the holder of many other honors and distinctions.

### THEATER

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 campus for the second summer in 1960.

In the air-conditioned Playhouse the company will present Agatha Christie's *Ten Little Indians*, Arthur Miller's *Death of a Salesman*, T. S. Eliot's *The Cocktail Party*, and Eugene O'Neill's *Desire Under The Elms*. The departments of Theater and Music will co-operate in a presentation of Rodgers and Hammerstein's *South Pacific*.

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 (Theater 322 for undergraduates, Theater 519 for graduate credit). Anyone interested in performing only in the operetta should write to William Taylor, Department of Music, Southern Illinois University, Carbondale, Illinois.

For anyone who wishes to gain experience in all phases of play and operetta production there is no substitute for summer stock. For there is no better way to learn directing, acting, business management, scene building and painting, and to have a wonderful time doing it. 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, Southern Illinois University, Carbondale, Illinois.

## SUMMER INSTITUTES FOR HIGH SCHOOL TEACHERS

### *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 20 through August 12. The institute is designed to improve the teaching and research ability of secondary science teachers. 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 \$75.00 per week plus \$15.00 weekly for each of their first four dependents. In addition, they may receive a maximum of \$80.00 travel allowance. Tuition scholarships will be provided by the University.

Southern will award grants to 40 selected high school biology teachers. Participants must be experienced teachers in high school biology who expect to continue in the profession. Grants will be made by April 1.

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

### *MATHEMATICS*

An eight-week summer institute for secondary school mathematics teachers will be offered in 1960 by Southern Illinois University under the sponsorship of the National Science Foundation. The institute will run concurrently with the summer session.

The institute will offer a program designed to help teachers to improve their teaching competencies by strengthening their knowledge in selected areas of mathematics. Attention will also be given to recent developments in the secondary school mathematics curriculum.

Forty participants are to be selected to receive stipends provided by the National Science Foundation. Applications for stipends are to be mailed by February 16, 1960, and awards will be made about March 15, 1960.

A limited number of other students may be admitted to the courses

offered for the institute. These courses are marked as National Science Foundation courses in the mathematics listings in the Schedule of Classes.

## PROGRAMS FOR HIGH SCHOOL STUDENTS

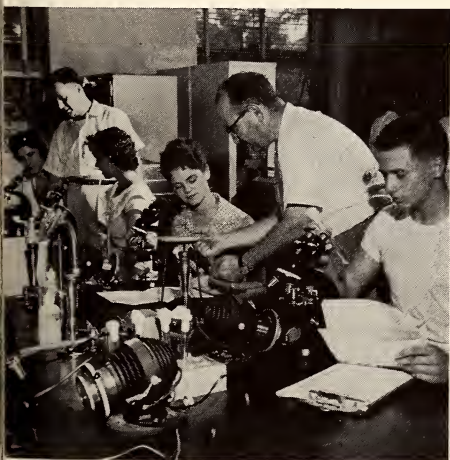
### *NATIONAL SCIENCE FOUNDATION PROGRAMS*

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

Unit 1	Mathematics and Physics .....	June 20 to July 1
Unit 2	Physiology and Microbiology .....	June 20 to July 1
Unit 3	Zoology and Botany .....	July 11 to July 22
Unit 4	Chemistry and Mathematics .....	July 11 to July 22
Unit 5	Physiology and Health .....	July 11 to July 22
Unit 6	Chemistry and Microbiology .....	July 25 to August 5
Unit 7	Geography and Geology .....	July 25 to August 5

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

There are no tuition charges and no credit is given. The National Science Foundation is supporting this program; and board, room, and



*Special programs are offered for high school students.*



travel will be awarded to a limited number of participants on the basis of need.

Courses are open to high school students who are juniors or seniors in the spring of 1960. Application forms may be obtained from your high school or by writing to Leo Kaplan, Department of Botany, Southern Illinois University, Carbondale, Illinois.

### *SUMMER HIGH SCHOOL WORKSHOPS*

During the summer of 1960 Southern Illinois University will conduct its fourth annual Summer High School Workshop program. The 1960 program will consist of workshops in the following areas: journalism, radio and television, debate, drama, and art. The workshops are open to superior high school students who are currently in their sophomore or junior years. The workshops will run, concurrently, for a period of four weeks beginning July 5. 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 and fine arts. 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 deal with problems of school newspapers and yearbooks. Journalism students produce a workshop 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, and after-dinner speaking.

The drama workshop consists of work in technical theater, staging, acting, and production. This workshop produces a three-act play.

The radio and television workshop, to be offered for the first time, will provide experiences in announcing, programming, writing, and producing radio shows. Students in this workshop will use the university radio-television facilities. Some experience will be offered in television production.

The art workshop, also to be offered for the first time, will provide experiences for outstanding students in sketching, painting, sculpturing, and in using other materials and methods relating to art.

A full summer social program of swimming, field trips, dances, horse-back riding, plays, and operettas is also provided.

For further information concerning any of the workshops write to William E. Buys, Summer High School Workshop Co-ordinator, University School, Carbondale, Illinois.

## ADULT EDUCATION SHORT COURSES

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

### *SCHOOL OF ADVANCED COSMETOLOGY*

A two-week school for owners and operators of beauty salons is held in co-operation with the Illinois Hairdressers and Cosmetologists Association from July 24 through August 6. Those enrolled learn the latest techniques and methods in chemistry of cosmetics, physics of hair, contest work in hairstyling, make-up, salon management, time and motion study, advertising, art and color design; all, to produce higher profits. Housing and food service are available.

### *ILLINOIS BANKERS SCHOOL FOR THE DEVELOPMENT OF JUNIOR EXECUTIVES*

This two-week school is held in co-operation with the Illinois Banker's Association from September 6 to 16, 1960, and is open to employees of banks. It is designed to provide techniques and latest methods, among which are bank operation, trusts, the Federal Reserve System, farm and commercial credit.

### *SCHOOL LUNCH PROGRAM*

This course will meet from June 20 through 24. It is offered in co-operation with the School of Home Economics and is designed for school lunch personnel. The program includes menu planning, equipment, management, and nutritional studies.

### *HOSPITAL MANAGERS AND ACCOUNTANTS SHORT COURSE*

This course will be offered from June 21 through 24, in co-operation with the Illinois Hospital Accountants Association. The program is designed to give superintendents, managers, and accountants new information relative to operational costs, personnel selection, and impact of health insurance programs.

### *RESTAURANT MANAGERS SHORT COURSE*

Through co-operation with the Illinois and St. Louis Restaurant Association, this program will be offered July 11-12. Designed for owners, managers, operators, and supervisors, this program includes study of cost factors of purchasing, menu planning and serving, and the credit card business. It emphasizes decorating and arrangement of food service establishment.

### *MILLINERY I OR II*

This one-week short course will be offered from July 18 through 29 to give actual practice and instruction in making of millinery according to latest fashion dictates. It is offered in co-operation with the School of Home Economics. Students may enroll for one or two weeks.

### *COMMERCIAL FLOWER ARRANGEMENT*

This short course, held from June 27 through 29, is offered for the floral shop owners, operators, and display arrangers. Latest style dictates as well as cost factors are covered. The course is offered in co-operation with the Illinois Florist Association.

## LECTURES AND CONFERENCES

Each summer, as well as during the regular school year, various departments schedule conferences, lectures, exhibits, or clinics in co-operation with the Division of University Extension. A number of these activities have been scheduled during the 1960 summer session. A partial list of those that will be of particular interest to summer school students is provided below.

### *ASIAN STUDIES LECTURES*

This is a series of related lectures on Asian problems. They are presented by outstanding Asian scholars. The lectures will be at various times throughout the summer session. Additional information can be obtained from Daniel L. Spencer, Chairman, Asian Studies Committee, Southern Illinois University, Carbondale, Illinois.

*ANNUAL COACHING CLINIC, AUGUST 24, 25*

Distinguished coaches in both football and basketball present lectures and demonstrations of the principles and techniques applicable to their sport. All Illinois coaches and Southern Illinois University graduates, regardless of where they are coaching, are invited to attend without charge. A small fee is charged out-of-state coaches. Additional information can be obtained from Dr. Andrew Vaughan, Athletic Department, Southern Illinois University, Carbondale, Illinois.

*EDUCATIONAL MATERIALS EXHIBIT, JULY 6, 7*

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 to those interested. For further information contact Benson B. Poirier, Assistant Dean, Division of University Extension, Southern Illinois University, Carbondale, Illinois.

*HUMAN RELATIONS IN NURSING, JULY 20-24*

A work conference dealing with human relations in nursing is sponsored by the Department of Nursing. It will be conducted by Miss Catherine Norris, Director of Nursing, Illinois State Psychiatric Institute, Chicago. Sessions will be held daily from 7:30 to 3:30 in the Library Auditorium. Enrollment is limited to sixty persons. The registration fee of \$17.50 must be paid at the time of enrollment. For further information write to the Department of Nursing, Southern Illinois University, Carbondale, Illinois.

*SUMMER EDUCATION CONFERENCE, JULY 6, 7*

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 1960 the conference theme will be Frontiers in Reading and will deal with reading problems and their solutions. Additional information can be obtained from Dr. Charles Neal, Director of Teacher Training, University School, Southern Illinois University, Carbondale, Illinois.



# Schedule of Classes

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

## DEPARTMENTAL LISTING BY ACADEMIC UNIT

ACADEMIC UNIT	DEPARTMENT	ACADEMIC UNIT	DEPARTMENT
Agriculture	Agricultural Industries	Fine Arts	Art
	Animal Industries		Music
	Forestry	Home Economics	Clothing & Textiles
	Plant Industries		Food & Nutrition
Applied Science	Applied Science		Home & Family
	Industrial Ed.		Home Econ. Ed.
Business	Accounting	Liberal Arts & Sci.	Anthropology
	Economics		Botany
	Management		Chemistry
	Marketing		English
	Secretarial & Business Education		Foreign Language
Communications	Journalism		Geography
	Printing & Photo.		Geology
	Radio-Television		Government
	Speech		History
	Speech Correction		Mathematics
	Theater	Microbiology	
		Philosophy	
Education	Ed. Admin. & Supv.	Physics	
	Ed. (Elementary)	Physiology	
	Ed. (Higher)	Psychology	
	Ed. (Secondary)	Religious Ed.	
	Guidance	Sociology	
	Health Education	Zoology	
	Instruc. Materials		
	Physical Ed. (Men)	Nursing	
	Phys. Ed. (Women)		
	Rec. & Outdoor Ed.	Vocational- Technical Institute	
Special Education			
		Vocational-Technical Institute	

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>ACCOUNTING (ACCT)</b>						
250-4	Accounting Fundamentals	1	8:55-10:10	MTuWTh	Bar G 110	Mr. Burger
251-4	Accounting I	1	8:55-10:10	MTuWTh	Bar G 111	Miss Ogden
253-4	Accounting III	1	10:20-11:35	MTuWTh	Bar G 110	Miss Barron
*309-2	Income Tax for Individuals	1	7:30-8:45	Tu Th	Bar G 111	Miss Barron
410-4	Survey of Accounting	1	7:30-8:45	MTuWTh	Bar G 110	Mr. Schmidlein
458-4	Accounting Systems	1	10:20-11:35	MTuWTh	Bar G 111	Mr. Swick
459-4	Internship in Accounting	1	To be arranged			Mr. Burger
500-2-5	Readings in Accounting	1	To be arranged			Miss Ogden
501-2-5	Individual Research in Accounting	1	To be arranged			Mr. Schmidlein
599-2-9	Thesis	1	To be arranged			Mr. Swick
* Not open to Accounting Majors.						
<b>AGRICULTURAL INDUSTRIES (AG I)</b>						
215-4	Introduction to Farm Structure and Electrification	1	7:30-8:45 7:30-10:10	M W Tu Th	Ag 155 Ag 155	Mr. Shute Mr. Shute
310-4	General Agriculture	1	8:55-10:10 7:30-10:10	MTuW Th	Ag 225 Ag 225	Mr. Wood Mr. Wood
390-1-8	Special Studies in Agricultural Industries	1	To be arranged			Staff
456-3	Agricultural Co-operatives (June 20-July 15)	1	10:20-1:00	M W F	Ag 218	Mr. Wills
520-1-6	Readings	1	To be arranged			Staff
575-1-6	Research	1	To be arranged			Staff
599-2-9	Thesis	1	To be arranged			Staff
<b>ANIMAL INDUSTRIES (AN I)</b>						
231-4	Dairy Husbandry	1	10:20-11:35 10:20-1:00	MTu Th W	Ag 172 Ag 120	Mr. Olson and Mr. Reed
332-3	Animal Breeding	1	7:30-8:45	M W F	Ag 172	Mr. Goodman
390-2-4	Special Studies in Animal Industries	1	To be arranged			Staff
465-4	Swine Production (June 20-July 15)	1	7:30-10:10 7:30-1:00	TuW F Th	Ag 114 Ag 114	Mr. Burnside Mr. Burnside
486-4	The Range Livestock Industry (June 20-July 15, includes two-week field trip)	1	7:30-3:50	MTuWThF	Ag 132	Mr. Kammlade
520-1-6	Readings in Animal Industries	1	To be arranged			Staff
575-1-6	Individual Research	1	To be arranged			Staff
599-1-9	Thesis	1	To be arranged			Staff

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>ANTHROPOLOGY (ANTH)</b>						
110-5	Introduction to Anthropology	1	2:35-3:50	MTuWThF	LS 323	Mr. Taylor
365-4	Anthropology of Southern Asia	1	11:45-1:00	MTuWTh	703 W Mill	Mr. Taylor
410-4	Principles of Anthropology	1	8:55-10:10	TuWThF	703 W Mill	Mr. Taylor
<b>APPLIED SCIENCE (AP S)</b>						
101-3	Engineering Drawing I	1	10:20-1:00	Tu ThF	Bar E 114	Staff
206-4	Descriptive Geometry	1	10:20-1:00	MTu ThF	Bar E 114	Staff
260-3	Analytical Mechanics (Statics)	1	7:30-8:45	M W F	Bar E 110	Mr. Mueller
306-3	Applied Mechanics I	1	7:30-8:45	M W F	Bar E 110	Mr. Mueller
<b>ART (ART)</b>						
120-3	Art Appreciation	1	8:55-10:10	M W F	Alg 115	Mr. Shryock
245-4	The Figure	1	7:30-10:10	MTuW F	A 202	Mr. Brandt and Mr. Millman
250-4	Oil Painting	1	7:30-10:10	MTuW F	A 202	Mr. Brandt and Mr. Millman
300-4	Art Education	1	7:30-11:35	MTuW F	U Sch	Mr. Sullivan
302-4	Pottery Workshop (June 20-July 1)	1	9:30-12:30 1:30-3:30	MTuWThFS MTuWThFS	A 5 A 5	Mr. Vergette
320-4	Advanced Painting	2	7:30-10:10	MTuW F	A 202	Mr. Brandt and Mr. Millman
325-4	Studio	1	7:30-10:10	MTuW F	A 202	Mr. Brandt and Mr. Millman
347-3	Art of the Ancient World	1	10:20-11:35	M W F	A 106	Miss Roach
406-4	Studio in Painting	1	7:30-10:10	MTuW F	A 202	Mr. Brandt and Mr. Millman
426-4	Pottery Workshop (June 20-July 1)	1	9:30-12:30 1:30-3:30	MTuWThFS MTuWThFS	A 5 A 5	Mr. Vergette
501-2	Seminar in Painting	1	(Last four weeks)	(To be arranged)		Mr. Millman
506-4	Research in Painting	1	7:30-10:10	MTuW F	A 202	Mr. Brandt and Mr. Millman

**ASIAN STUDIES (AS ST)**

Students interested in a minor in asian studies should consult Mr. D. L. Spencer, Chairman, Committee on Asian Studies. Offices are located in the Economics House.

**ASTRONOMY (ASTR)**

201-4	Introduction to Astronomy	1	7:30-8:45	MTu ThF	P 301	Miss Zimmerschied
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Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>BOTANY (BOT)</b>						
101-5	General Botany Lecture	1	7:30-8:45	M W F	LS 133	Staff
101A-0	General Botany Laboratory	1	7:30-10:10	Tu Th	LS 307	Staff
101A-0	General Botany Laboratory	2	7:30-10:10	Tu Th	LS 308	Staff
101A-0	General Botany Laboratory	3	10:20-1:00	M W	LS 307	Staff
T-101A-0	General Botany Laboratory	4	10:20-1:00	M W	LS 308	Staff
101A-0	General Botany Laboratory	5	2:35-5:00	Tu Th	LS 308	Staff
101-5	General Botany Lecture	2	10:20-11:35	M W F	LS 133	Staff
101A-0	General Botany Laboratory	6	7:30-10:10	W F	LS 307	Staff
101A-0	General Botany Laboratory	7	7:30-10:10	W F	LS 308	Staff
101A-0	General Botany Laboratory	8	10:20-1:00	Tu Th	LS 307	Staff
T-101A-0	General Botany Laboratory	9	2:35-5:00	M W	LS 308	Staff
131-5	Field Biology	1	7:30-10:10	TuWThF	LS 313	Mr. Marberry
202-5	General Botany	1	10:20-11:35 10:20-1:00	M W F Tu Th	LS 326 LS 308	Miss Kaeiser Miss Kaeiser
*340-5	Plant Ecology	1	7:30-8:45 7:30-10:10	Tu ThF M	LS 326 LS 313	Mr. Voigt Mr. Voigt
350-4	Plants In Relation to Man	1	8:55-10:10	TuWThF	LS 326	Mr. Welch
470A-3	Science Methods	1	2:35-3:50 2:35-5:00	M W Tu Th	LS 315 LS 315	Mr. Welch Mr. Welch
501-4	Botany for High School Teachers	1	10:20-11:35 8:55-11:35	M W Tu Th	LS 315 LS 315	Mr. Mohlenbrock Mr. Mohlenbrock
591-3-9	Research	1	To be arranged			Staff
599-3-9	Thesis	1	To be arranged			Staff
* Saturday field trips will be required.						
<b>CHEMISTRY (CHEM)</b>						
101-4	General Chemistry	1	8:55-10:10 7:30-10:10	M W F Tu Th	Browne Aud P 200	Mr. Scott Staff
101-4	General Chemistry	2	8:55-10:10 7:30-10:10	M W F Tu Th	Browne Aud P 206	Mr. Scott Staff
101-4	General Chemistry	3	8:55-10:10 7:30-10:10	M W F Tu Th	Browne Aud P 213	Mr. Scott Staff
101-4	General Chemistry	4	8:55-10:10 10:20-1:00	M W F M W	Browne Aud P 213	Mr. Scott Staff
101-4	General Chemistry	5	10:20-11:35 10:20-1:00	M W F Tu Th	Browne Aud P 200	Mr. Van Lente Staff
101-4	General Chemistry	6	10:20-11:35 10:20-1:00	M W F Tu Th	Browne Aud P 206	Mr. Van Lente Staff
101-4	General Chemistry	7	10:20-11:35 10:20-1:00	M W F Tu Th	Browne Aud P 213	Mr. Van Lente Staff
101-4	General Chemistry	8	10:20-11:35 7:30-10:10	M W F M W	Browne Aud P 213	Mr. Van Lente Staff
113-5	Inorganic and Qualitative Analysis	1	7:30-8:45 7:30-10:10	Tu Th M W F	P 107 P 200	Mr. Van Lente Mr. Van Lente
113-5	Inorganic and Qualitative Analysis	2	10:20-11:35 10:20-1:00	Tu Th M W F	P 107 P 200	Mr. Neckers Mr. Neckers
221-3	Qualitative Analysis	1	8:55-10:10 7:30-11:35	M W F	P 107 P 213	Mr. Van Atta Mr. Van Atta
235-5	General Quantitative Analysis	1	7:30-8:45 7:30-11:35	M W F Tu Th	P 204 P 103	Mr. Sellers Mr. Sellers
T-235-5	General Quantitative Analysis	2	7:30-8:45 8:55-1:00	M W F M W	P 204 P 103	Mr. Sellers Staff
446-4	Qualitative Organic Analysis	1	7:30-8:45 7:30-10:10	M W Tu ThF	P 107 P 205	Mr. Beyler Mr. Beyler

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>CHEMISTRY (CHEM) (Continued)</b>						
152-4	Biochemistry	1	10:20-11:35	Tu Th	P 111	Mr. Scott
			10:20-1:00	M W	P 115	Mr. Scott
160-5	Theoretical Chemistry	1	1:10-2:25	M W F	P 107	Mr. Musulin
			1:10-3:50	Tu Th	P 104	Mr. Musulin
196-2-6	Chemical Problems	1	To be arranged		P 112	Staff
1975-0-1	Graduate Seminar	1	To be arranged			Staff
1996-3-6	Advanced Chemical Problems	1	To be arranged		P 112	Staff
1999-3-9	Research and Thesis	1	To be arranged		P 112	Staff

**CLOTHING and TEXTILES (C & T)**

27-4	Clothing Selection and Construction	1	7:30-10:10	MTu ThF	H Ec 310	Miss Whitesel
29-1	Fashion Millinery (July 18-29)	1	7:00-9:30 P.M.	M W F	H Ec 306	Mrs. Mansfield
371-6	Field Experience	1	To be arranged			Miss Hoffman
473-4	Advanced Tailoring	1	1:30-3:50	MTu ThF	H Ec 310	Miss Whitesel
5-580-8	Fashions and Textiles of Western Europe* (June 29-August 14)	1	To be arranged			Miss Hoffman

\* Field trip leaving from New York June 29, and returning to New York August 14.

**COMMUNITY DEVELOPMENT INSTITUTE (C D)**

See Sociology and Secondary Education for Community Development courses. Students interested in a major or minor in Community Development should consult with Richard Franklin, Acting Director of the Institute, relative to specially designed courses of study. Offices are located in Anthony Hall on campus.

**ECONOMICS (ECON)**

205-5	Survey of Economic Principles	1	7:30-8:45	MTuWThF	M 214	Mr. Wiegand
205-5	Survey of Economic Principles	2	8:55-10:10	M W F	M 213	Mr. Wiegand
			8:55-10:10	Tu Th	M 111	Staff
			8:55-10:10	Tu Th	M 213	Staff
206-4	Economic Principles and Problems	1	7:30-8:45	MTu ThF	P 111	Mr. Morrison
207-4	Economics and Business Statistics	1	7:30-8:45	M W F	M 307	Mr. Brunhild
			7:30-8:45	Tu Th	Bar C 104	Mr. Brunhild
215-4	Money and Banking I	1	10:20-11:35	MTuWTh	M 214	Mr. Cochran
217-4	Economic History of United States	1	8:55-10:10	MTuWTh	M 214	Mr. Cochran
2490-4	Workshop in Economic Education (June 20-July 1)	1	8:55-11:35	MTuWThF	Ag 214	Mr. Brunhild
			1:10-3:50	MTuWThF	Ag 214	Mr. Brunhild
2500-4	Economic Seminar	1	10:20-11:35	M WThF	M 305a	Mr. Spencer
2501-1-5	Economic Readings	1	To be arranged		Dept Office	Mr. Edelman
2509-3-9	Thesis	1	To be arranged		Dept Office	Mr. Edelman

\* Cross-listed with Secondary Education 490.

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>EDUCATION ADMINISTRATION AND SUPERVISION (ED AD)</b>						
100-3	Introduction to Education	1	8:55-10:10	MTuWTh	Bar M 118	Staff
T-100-3	Introduction to Education	2	10:20-11:35	MTuWTh	Bar K 101	Staff
331-3	American Public Education	1	7:30-8:45	MTuWTh	Bar L 103	Mr. McMackin
T-331-3	American Public Education	2	10:20-11:35	MTuWTh	Bar M 118	Staff
*355-4	Philosophy of Education	1	7:30-8:45	MTuWTh	A 207	Mr. McClure
355-4	Philosophy of Education	2	8:55-10:10	MTuWTh	Bar L 103	Mr. Lawson
*355-4	Philosophy of Education	3	10:20-11:35	MTuWTh	A 207	Mr. Moore
T-355-4	Philosophy of Education	4	11:45-1:00	MTuWTh	Bar L 101	Staff
T-355-4	Philosophy of Education	5	1:10-2:25	MTuWTh	M 209	Staff
424-4	School Administration	1	8:55-10:10	MTuWTh	M 215	Mr. Dey
456-4	School Supervision	1	11:45-1:00	MTuWTh	Bar L 103	Mr. Bryant
460-4	Curriculum	1	7:30-8:45	MTuWTh	Bar K 101	Mr. Bracewell
500-4	Research Methods	1	8:55-10:10	MTuWTh	Bar K 115	Mr. Bach
500-4	Research Methods	2	7:30-8:45	MTuWTh	Bar L 102	Staff
T-500-4	Research Methods	3	8:55-10:10	MTuWTh	Bar K 114	Staff
520-4	Illinois School Law	1	8:55-10:10	MTuWTh	Bar L 104	Mr. Beem
534-4	School Finance	1	10:20-11:35	MTuWTh	Bar L 104	Mr. Beem
554-4	Contrasting Philosophies of Education	1	11:45-1:00	MTuWTh	Bar L 102	Mr. Lean
575A-4	Individual Research (Curriculum)	1	To be arranged			Staff
575B-4	Individual Research (Supervision)	1	To be arranged			Staff
575C-4	Individual Research (Buildings)	1	To be arranged			Staff
575D-4	Individual Research (Finance)	1	To be arranged			Staff
575E-4	Individual Research (School Law)	1	To be arranged			Staff
575F-4	Individual Research (Comparative Education)	1	To be arranged			Staff
575G-4	Individual Research (History of Education)	1	To be arranged			Staff
575H-4	Individual Research (Philosophy of Education)	1	To be arranged			Staff
575J-4	Individual Research (Administration)	1	To be arranged			Staff
575K-4	Individual Research (Elementary Administration)	1	To be arranged			Staff
596-4	Independent Investigation	1	To be arranged			Staff
597-1-3	Thesis	1	To be arranged			Staff
598-1-3	Thesis	1	To be arranged			Staff
599-1-3	Thesis	1	To be arranged			Staff
* Cross-listed with Philosophy.						
<b>EDUCATION ELEMENTARY (ED EL)</b>						
313-4	Children's Literature	1	7:30-8:45	MTuWTh	Bar K 115	Miss Baker
314-4	Elementary School Methods	1	8:55-10:10	MTuWTh	Bar L 101	Mr. Bradfield
337-4	Reading in the Elementary School	1	10:20-11:35	MTuWTh	Bar L 102	Mr. Ragsdale
415-2	Improvement of Instruction in Arithmetic (June 20-July 1)	1	9:00-12:00	MTuWThF	Ag 166	Mrs. Carter
433-4	Workshop in Elementary Education (July 5-29)	1	8:55-11:35	MTuWThF	Ag 153	Miss Baker
435-4	Workshop in Elementary School Foreign Languages (June 20-July 15)	1	7:30-11:35	MTuWThF	Wh 212	Staff
441-4	Workshop in Teaching Elementary Science (June 20-July 1)	1	9:00-12:00 1:00-4:00	MTuWThF MTuWThF	U Sch 304 U Sch 304	Mr. Brown Mr. Brown
441-4	Workshop in Teaching Elementary Science (July 5-29)	2	1:00-4:00	MTuWThF	U Sch 304	Mr. Brown
461-4	Elementary School Curriculum	1	10:20-11:35	MTuWTh	Bar K 115	Mr. Lee

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>EDUCATION ELEMENTARY (ED EL) (Continued)</b>						
505-4	Improvement of Reading Instruction	1	10:20-11:35	MTuWTh	Bar L 103	Mr. Brod
521-3	Diagnosis and Correction of Reading Disabilities	1	8:55-10:10	MTuWTh	Bar K 101 & 102	Mr. Karlin
542-4	Language Arts in Elementary School	1	8:55-10:10	MTuWTh	Bar L 102	Mr. Ragsdale
543-4	Teaching Social Studies in the Elementary School	1	7:30-8:45	MTuWTh	Bar L 101	Mr. Randolph
557-4	Elementary Principalship	1	1:10-2:25	MTuWTh	Bar L 101	Mr. Bradfield
575A-4	Individual Research (Curriculum)	1	To be arranged			Staff
575B-4	Individual Research (Supervision)	1	To be arranged			Staff
575C-4	Individual Research (Language Arts)	1	To be arranged			Staff
575D-4	Individual Research (Science)	1	To be arranged			Staff
575E-4	Individual Research (Reading)	1	To be arranged			Staff
575F-4	Individual Research (Social Studies)	1	To be arranged			Staff
575G-4	Individual Research (Elementary Education)	1	To be arranged			Staff
575H-4	Individual Research (Arithmetic)	1	To be arranged			Staff
575J-4	Individual Research (Problems in Kindergarten-Primary)	1	To be arranged			Staff
575K-4	Individual Research (Elementary Administration)	1	To be arranged			Staff
96-5-9	Independent Investigation	1	To be arranged			Staff
97-1-3	Thesis	1	To be arranged			Staff
98-1-3	Thesis	1	To be arranged			Staff
99-1-3	Thesis	1	To be arranged			Staff

\* Cross-listed with Secondary Education.

**PRACTICE TEACHING**

50b-4-16	Kind.-Pri. Stud. Teaching	1	To be arranged			Staff
50c-4-16	Kind.-Pri. Stud. Teaching	1	To be arranged			Staff
51a-4-16	Elem. Student Teaching General	1	To be arranged			Staff
51a-4-16	Elem. Student Teaching Art	2	To be arranged			Staff
51a-4-16	Elem. Student Teaching EMH	3	To be arranged			Staff
51a-4-16	Elem. Student Teaching Music	4	To be arranged			Staff
51a-4-16	Elem. Student Teaching Phys. Educ.	5	To be arranged			Staff
51a-4-16	Elem. Student Teaching Phys. Hand.	6	To be arranged			Staff
51a-4-16	Elem. Student Teaching Spch. Corr.	7	To be arranged			Staff
51b-4-16	Elem. Student Teaching General	1	To be arranged			Staff
51b-4-16	Elem. Student Teaching Art	2	To be arranged			Staff
51b-4-16	Elem. Student Teaching EMH	3	To be arranged			Staff
51b-4-16	Elem. Student Teaching Music	4	To be arranged			Staff
51b-4-16	Elem. Student Teaching Phys. Educ.	5	To be arranged			Staff
51b-4-16	Elem. Student Teaching Phys. Hand.	6	To be arranged			Staff
51b-4-16	Elem. Student Teaching Spch Corr.	7	To be arranged			Staff
51c-4-16	Elem. Student Teaching General	1	To be arranged			Staff
51c-4-16	Elem. Student Teaching Art	2	To be arranged			Staff
51c-4-16	Elem. Student Teaching EMH	3	To be arranged			Staff
51c-4-16	Elem. Student Teaching Music	4	To be arranged			Staff
51c-4-16	Elem. Student Teaching Phys. Educ.	5	To be arranged			Staff
51c-4-16	Elem. Student Teaching Phys. Hand.	6	To be arranged			Staff
51c-4-16	Elem. Student Teaching Spch. Corr.	7	To be arranged			Staff

**EDUCATION HIGHER (ED HI)**

80-4	Higher Education in the United States	1	8:55-10:10	M Th	U Sch	Mr. Chambers and (Studio Theater) Mr. Hand
81-4	Current Problems in Higher Education	1	10:20-11:35	M Th	U Sch	Mr. Chambers and (Studio Theater) Mr. Hand

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>EDUCATION SECONDARY (ED S)</b>						
310-4	Principles of Secondary Education	1	8:55-10:10	MTuWTh	Bar I 102	Mr. Fligor
315-3	High School Methods	1	7:30-8:45	M W F	Bar K 114	Mr. Smith
315-3	High School Methods	2	8:55-10:10	M W F	U Sch 41	Mr. Mees
407-4	Junior High School	1	10:20-11:35	MTuWTh	Bar K 114	Mr. Edwards
*422-4	Tests and Measurements in the Secondary School	1	7:30-8:45	TuWThF	Bar L 104	Mr. Orton
450-4	Field Training in Community Development Methods	1	To be arranged			Mr. Franklin
**490-4	Economic Education Workshop (June 20-July 1)	1	8:55-11:35 1:10-3:50	MTuWThF MTuWThF	Ag 214 Ag 214	Mr. Ogle and Mr. Brunhild
508-4	Trends in Secondary Education	1	10:20-11:35	MTuWTh	Bar L 101	Mr. Samford
***521-3	Diagnosis and Correction of Reading Disabilities I	1	8:55-10:10	MTuWTh	Bar K 101 & 102	Mr. Karlin
550-4	Core Curriculum in Secondary Schools	1	11:45-1:00	MTuWTh	Bar K 114	Mr. Fligor
564-4	High School Principal	1	1:10-2:25	MTuWTh	A 106	Mr. Dykehouse
575A-4	Individual Research (Curriculum)	1	To be arranged			Staff
575B-4	Individual Research (Supervision)	1	To be arranged			Staff
575C-4	Individual Research (Language Arts)	1	To be arranged			Staff
575D-4	Individual Research (Science)	1	To be arranged			Staff
575E-4	Individual Research (Reading)	1	To be arranged			Staff
575F-4	Individual Research (Social Studies)	1	To be arranged			Staff
575G-4	Individual Research (Secondary Education)	1	To be arranged			Staff
575H-4	Individual Research (Higher Education)	1	To be arranged			Staff
575J-4	Individual Research (Junior College)	1	To be arranged			Staff
596-5-9	Independent Investigation	1	To be arranged			Staff
597-1-3	Thesis	1	To be arranged			Staff
598-1-3	Thesis	1	To be arranged			Staff
599-1-3	Thesis	1	To be arranged			Staff
600-1-48	Dissertation	1	To be arranged			Staff

\* Cross-listed with Guidance.

\*\* Cross-listed with Economics

\*\*\* Cross-listed with Elementary Education.

#### PRACTICE TEACHING

352a-4-16	Sec. Student Teaching Agriculture	1	To be arranged			Staff
352a-4-16	Sec. Student Teaching Art	2	To be arranged			Staff
352a-4-16	Sec. Student Teaching Biology	3	To be arranged			Staff
352a-4-16	Sec. Student Teaching Business	4	To be arranged			Staff
352a-4-16	Sec. Student Teaching Chemistry	5	To be arranged			Staff
352a-4-16	Sec. Student Teaching Economics	6	To be arranged			Staff
352a-4-16	Sec. Student Teaching English	7	To be arranged			Staff
352a-4-16	Sec. Student Teaching Foreign Lang.	8	To be arranged			Staff
352a-4-16	Sec. Student Teaching General Sci.	9	To be arranged			Staff
352a-4-16	Sec. Student Teaching Geography	10	To be arranged			Staff
352a-4-16	Sec. Student Teaching Government	11	To be arranged			Staff
352a-4-16	Sec. Student Teaching Health Educ.	12	To be arranged			Staff
352a-4-16	Sec. Student Teaching History	13	To be arranged			Staff
352a-4-16	Sec. Student Teaching Home Econ.	14	To be arranged			Staff
352a-4-16	Sec. Student Teaching Ind. Educ.	15	To be arranged			Staff
352a-4-16	Sec. Student Teaching Journalism	16	To be arranged			Staff
352a-4-16	Sec. Student Teaching Mathematics	17	To be arranged			Staff
352a-4-16	Sec. Student Teaching Music	18	To be arranged			Staff
352a-4-16	Sec. Student Teaching Phys. Educ.	19	To be arranged			Staff
352a-4-16	Sec. Student Teaching Physics	20	To be arranged			Staff
352a-4-16	Sec. Student Teaching Sociology	21	To be arranged			Staff
352a-4-16	Sec. Student Teaching Social Studies	22	To be arranged			Staff
352a-4-16	Sec. Student Teaching Speech	23	To be arranged			Staff
352a-4-16	Sec. Student Teaching Lib. Service	24	To be arranged			Staff

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
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**EDUCATION SECONDARY (ED S) (Continued)****PRACTICE TEACHING (Continued)**

352b-4-16	Sec. Student Teaching Agriculture	1	To be arranged			Staff
352b-4-16	Sec. Student Teaching Art	2	To be arranged			Staff
352b-4-16	Sec. Student Teaching Biology	3	To be arranged			Staff
352b-4-16	Sec. Student Teaching Business	4	To be arranged			Staff
352b-4-16	Sec. Student Teaching Chemistry	5	To be arranged			Staff
352b-4-16	Sec. Student Teaching Economics	6	To be arranged			Staff
352b-4-16	Sec. Student Teaching English	7	To be arranged			Staff
352b-4-16	Sec. Student Teaching Foreign Lang.	8	To be arranged			Staff
352b-4-16	Sec. Student Teaching General Sci.	9	To be arranged			Staff
352b-4-16	Sec. Student Teaching Geography	10	To be arranged			Staff
352b-4-16	Sec. Student Teaching Government	11	To be arranged			Staff
352b-4-16	Sec. Student Teaching Health Educ.	12	To be arranged			Staff
352b-4-16	Sec. Student Teaching History	13	To be arranged			Staff
352b-4-16	Sec. Student Teaching Home Econ.	14	To be arranged			Staff
352b-4-16	Sec. Student Teaching Ind. Educ.	15	To be arranged			Staff
352b-4-16	Sec. Student Teaching Journalism	16	To be arranged			Staff
352b-4-16	Sec. Student Teaching Mathematics	17	To be arranged			Staff
352b-4-16	Sec. Student Teaching Music	18	To be arranged			Staff
352b-4-16	Sec. Student Teaching Phys. Educ.	19	To be arranged			Staff
352b-4-16	Sec. Student Teaching Physics	20	To be arranged			Staff
352b-4-16	Sec. Student Teaching Sociology	21	To be arranged			Staff
352b-4-16	Sec. Student Teaching Social Studies	22	To be arranged			Staff
352b-4-16	Sec. Student Teaching Speech	23	To be arranged			Staff
352b-4-16	Sec. Student Teaching Lib. Service	24	To be arranged			Staff

52c-4-16	Sec. Student Teaching Agriculture	1	To be arranged			Staff
52c-4-16	Sec. Student Teaching Art	2	To be arranged			Staff
52c-4-16	Sec. Student Teaching Biology	3	To be arranged			Staff
52c-4-16	Sec. Student Teaching Business	4	To be arranged			Staff
52c-4-16	Sec. Student Teaching Chemistry	5	To be arranged			Staff
52c-4-16	Sec. Student Teaching Economics	6	To be arranged			Staff
52c-4-16	Sec. Student Teaching English	7	To be arranged			Staff
52c-4-16	Sec. Student Teaching Foreign Lang.	8	To be arranged			Staff
52c-4-16	Sec. Student Teaching General Sci.	9	To be arranged			Staff
52c-4-16	Sec. Student Teaching Geography	10	To be arranged			Staff
52c-4-16	Sec. Student Teaching Government	11	To be arranged			Staff
52c-4-16	Sec. Student Teaching Health Educ.	12	To be arranged			Staff
52c-4-16	Sec. Student Teaching History	13	To be arranged			Staff
52c-4-16	Sec. Student Teaching Home Econ.	14	To be arranged			Staff
52c-4-16	Sec. Student Teaching Ind. Educ.	15	To be arranged			Staff
52c-4-16	Sec. Student Teaching Journalism	16	To be arranged			Staff
52c-4-16	Sec. Student Teaching Mathematics	17	To be arranged			Staff
52c-4-16	Sec. Student Teaching Music	18	To be arranged			Staff
52c-4-16	Sec. Student Teaching Phys. Educ.	19	To be arranged			Staff
52c-4-16	Sec. Student Teaching Physics	20	To be arranged			Staff
52c-4-16	Sec. Student Teaching Sociology	21	To be arranged			Staff
52c-4-16	Sec. Student Teaching Social Studies	22	To be arranged			Staff
52c-4-16	Sec. Student Teaching Speech	23	To be arranged			Staff
52c-4-16	Sec. Student Teaching Lib. Service	24	To be arranged			Staff

**ENGLISH (ENG)**

01-3	Composition	1	7:30-8:45	M W F	M 305a	Staff
02-3	Composition	1	7:30-8:45	Tu Th	M 305	Staff
			7:30-8:45	F	M 308	Staff
03-3	Composition	1	7:30-8:45	M WTh	M 308	Staff
03-3	Composition	2	10:20-11:35	M W F	M 306a	Staff
1-103-3	Composition	3	11:45-1:00	M W F	M 306	Staff
03-3	Composition	4	1:10-2:25	M W F	M 306	Staff
05-3	Introduction to Poetry	1	8:55-10:10	M W F	M 301	Staff
05-3	Introduction to Poetry	2	11:45-1:00	M W F	M 301	Staff
-205-3	Introduction to Poetry	3	11:45-1:00	MTu Th	M 306a	Staff

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>ENGLISH (ENG) (Continued)</b>						
206-3	Introduction to Drama	1	8:55-10:10	Tu Th	M 301	Staff
			8:55-10:10		F M 302	Staff
206-3	Introduction to Drama	2	1:10-2:25	Tu ThF	M 305	Staff
209-3	Introduction to World Literature	1	7:30-8:45	M WTh	M 306	Staff
T-209-3	Introduction to World Literature	2	8:55-10:10	M W F	M 306a	Staff
209-3	Introduction to World Literature	3	10:20-11:35	M WTh	M 305	Staff
209-3	Introduction to World Literature	4	11:45-1:00	M W F	M 104	Staff
T-209-3	Introduction to World Literature	5	1:10-2:25	M	M 305	Staff
			1:10-2:25	W F	M 302	Staff
211-3	Introduction to Fiction	1	7:30-8:45	MTu Th	M 306a	Staff
T-211-3	Introduction to Fiction	2	7:30-8:45	Tu Th	M 302	Staff
			7:30-8:45		F M 306a	Staff
211-3	Introduction to Fiction	3	10:20-11:35	MTu Th	M 301	Staff
211-3	Introduction to Fiction	4	11:45-1:00	MTu Th	M 305a	Staff
211-3	Introduction to Fiction	5	1:10-2:25	MTu Th	M 302	Staff
212-3	Introduction to Modern Literature	1	7:30-8:45	M W F	M 302	Staff
212-3	Introduction to Modern Literature	2	8:55-10:10	MTu Th	M 302	Staff
212-3	Introduction to Modern Literature	3	8:55-10:10	MTu Th	M 305a	Staff
212-3	Introduction to Modern Literature	4	10:20-11:35	M W F	M 302	Staff
T-212-3	Introduction to Modern Literature	5	10:20-11:35	M W F	M 308	Staff
212-3	Introduction to Modern Literature	6	1:10-2:25	MTu Th	M 301	Staff
300-4	Principles of Grammar	1	1:10-2:25	MTuW F	M 104	Mrs. Krappe
309-4	American Literature to 1860	1	1:10-2:25	MTu ThF	M 306a	Mr. Stibitz
310-4	American Literature Since 1860	1	8:55-10:10	MTu ThF	M 305	Mr. Webb
317-4	English Literature After 1750	1	7:30-8:45	MTu ThF	M 301	Miss Burns
320-4	English Romantic Poetry	1	11:45-1:00	MTu ThF	M 305	Mr. Benziger
391-3	Usage in English	1	7:30-8:45	M W F	M 305	Staff
391-3	Usage in English	2	8:55-10:10	M W F	H Ec 118	Staff
391-3	Usage in English	3	10:20-11:35	Tu Th	M 302	Staff
			10:20-11:35		F M 305	Staff
391-3	Usage in English	4	10:20-11:35	MTu Th	M 306	Staff
391-3	Usage in English	5	11:45-1:00	MTu Th	M 302	Staff
T-391-3	Usage in English	6	11:45-1:00	M W F	M 308	Staff
T-391-3	Usage in English	7	1:10-2:25	TuW F	M 305a	Staff
405-4	Modern American Poetry	1	8:55-10:10	MTu ThF	H Ec 122	Mr. Stibitz
463-4	Modern British Drama	1	10:20-11:35	MTu ThF	H Ec 306	Mrs. Winn
468-4	Aesthetics of Literature	1	7:00-9:15 P.M.	M W	M 104	Mr. Tenney
486-2	Classroom Methods: Techniques for High School English (June 6-10)	1	8:30-12:00	MTuWThF	Lib Aud	Mr. Gordon
			1:00-3:30	MTuWThF	Lib Aud	Mr. Gordon
487-2	Classroom Methods: Techniques for Junior High School English (June 13-17)	1	8:30-12:00	MTuWThF	Lib Aud	Staff
			1:00-3:30	MTuWThF	Lib Aud	Staff
*499-2-6	Readings in English	1	To be arranged			Staff
508-4	Rise of Realism in American Fiction	1	11:45-1:00	MTu ThF	H Ec 122	Mr. Webb
524-4	Individual English Writers: George Moore	1	10:20-11:35	MTu ThF	H Ec 118	Mr. Schneider
561-4	The Restoration and Eighteenth Century Drama	1	1:10-2:25	MTu ThF	H Ec 122	Mrs. Winn
599-2-9	Thesis	1	To be arranged			Staff
* May be taken only by special permission of English department chairman.						
<b>FOOD and NUTRITION (F &amp; N)</b>						
247-2	The School Lunch Program (June 20-June 24)	1	9:00-12:00 1:00-4:00	MTuWThF MTuWThF	H Ec 306 H Ec 306	Mrs. Harper Mrs. Harper
371-6	Field Experience	1	To be arranged			Miss Wharton

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>FOOD and NUTRITION (F &amp; N) (Continued)</b>						
81-4	Readings in Nutrition (June 20-July 15)	1	1:10-3:50	MTu ThF	H Ec 214	Miss Wharton
<b>FOREIGN LANGUAGE (FR) (GER) (SPAN)</b>						
35-4	Workshop in Elementary School Foreign Language Instruction (June 20-July 15)	1	7:30-11:35	MTuWThF	Wh 212	Mr. Hartwig and Staff
<b>FRENCH</b>						
00-2	Seminar in Contemporary French Literature	1	To be arranged			Miss Peacock
<b>GERMAN</b>						
03-3	Elementary Course	1	11:45-1:00	M W F	Wh 212	Staff
<b>HISPANISH</b>						
40-3	The Golden Age (The Dramatists)	1	1:10-2:25	M W F	Wh 214	Mr. Davis
60-8	Study Tour of Mexico (To meet on campus for first two weeks)	1	7:30-11:35	MTuWThF	Wh 214	Mr. Davis
<b>FORESTRY (FOR)</b>						
90-1-8	Special Problems in Forestry	1	To be arranged			Staff
<b>GEOGRAPHY (GEOG)</b>						
00-5	Geography of Man	1	11:45-1:00 8:55-10:10	M W F Tu Th	Browne Aud Ag 154	Mr. Tyson Staff
00-5	Geography of Man	2	11:45-1:00 10:20-11:35	M W F Tu Th	Browne Aud Ag 154	Mr. Tyson Staff
00-5	Geography of Man	3	11:45-1:00	M W F	Browne Aud Ag 154	Mr. Tyson Staff
00-5	Geography of Man	4	11:45-1:00	M W F	Browne Aud Ag 144	Mr. Tyson Staff
01-5	Physical Geography	1	7:30-8:45	MTuWThF	Ag 144	Staff
11-5	Economic Geography for Business Students	1	7:30-8:45	MTuWThF	Ag 214	Staff
10-4	Meteorology	1	8:55-10:10	MTu ThF	Ag 144	Mr. Cunningham
14-4	Geography of Anglo-America	1	10:20-11:35	MTu ThF	Ag 148	Staff
24-4	Conservation of Natural Resources	1	7:30-8:45	MTu ThF	Ag 154	Staff
24-4	Conservation of Natural Resources	2	10:20-11:35	MTu ThF	Ag 144	Staff
24-4	Conservation of Natural Resources	3	To be arranged		Grassy Lake Camp	Staff
40-1-4	Readings in Geography	1	To be arranged			Mr. Cunningham
44-4	Political Geography	1	10:20-11:35	MTu ThF	Ag 146	Mr. Velikonja
35-4	Workshop in the Geography of Latin America (July 11-August 5)	1	8:55-11:35	MTuWThF	Ag 214	Miss Krause
21-4	Seminar in Economic Geography: Urban Transportation	1	7:30-10:10	M Th	Ag 148	Mr. Thomas
30-1-4	Independent Study in Geography	1	To be arranged			Staff
09-1-4	Thesis	1	To be arranged			Staff



Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>GEOLOGY (GEOL)</b>						
100-4	Principles of Geology	1	8:55-10:10 7:30-10:10	M W F Tu	Ag 174 Ag 174	Staff Staff
100-4	Principles of Geology	2	8:55-10:10 7:30-10:10	M W F Th	Ag 174 Ag 174	Staff Staff
350-9	Field Geology	1	To be arranged		Little Grassy Field Camp	Mr. Amos
440-1-4	Independent Study	1	To be arranged			Staff
450-9	Field Geology	1	To be arranged		Little Grassy Field Camp	Mr. Amos
541-1-4	Research	1	To be arranged			Staff
599-1-9	Thesis	1	To be arranged			Staff
<b>GOVERNMENT (GOVT)</b>						
101-5	Problems of American Democracy	1	7:30-8:45	MTuWThF	M 201	Staff
101-5	Problems of American Democracy	2	8:55-10:10	MTuWThF	M 201	Staff
101-5	Problems of American Democracy	3	10:20-11:35	MTuWThF	M 201	Staff
101-5	Problems of American Democracy	4	11:45-1:00	MTuWThF	M 201	Staff
101-5	Problems of American Democracy	5	1:10-2:25	MTuWThF	M 201	Staff
231-5	American National Government	1	7:30-8:45	MTuWThF	M 202	Mr. Klingberg
300-4	American Government	1	11:45-1:00	MTuWTh	M 102	Mr. Nelson
315-3	Administration of Justice	1	8:55-10:10	MTu F	M 102	Mr. Alexander
321-1-6	Readings in Government	1	To be arranged			Mr. Alexander
330-2	Illinois Government	1	7:30-8:45	M F	M 102	Mr. Howards
370-3	International Relations	1	7:30-8:45	TuWTh	M 102	Mr. Jacobini
415-3	Political Behavior	1	11:45-1:00	MTu Th	M 202	Mr. Karson
454-8	Development of German Democracy	1	To be arranged			Mr. Winter
T-455-4	Major Governments of Western and Central Europe	1	1:10-3:50	M W	M 202	Mr. Wuest
458-4	Governments and Politics of South East Asia	1	8:55-10:10	MTuWTh	M 202	Mr. Jacobini
466-3	State Governments	1	10:20-11:35	M ThF	M 202	Mr. Howards
520-4	Seminar American Foreign Policy	1	1:10-3:50	Tu Th	M 202	Mr. Klingberg
521-1-6	Readings in Government	1	To be arranged			Mr. Alexander
530-1-8	Internship in Public Affairs	1	To be arranged			Staff
595-2-4	Individual Research	1	To be arranged			Staff
599-2-9	Thesis	1	To be arranged			Staff
600-4-12	Dissertation	1	To be arranged			Staff
<b>GUIDANCE (GUID)</b>						
305-4	Educational Psychology	1	7:30-8:45	MTu ThF	Ag 116	Staff
305-4	Educational Psychology	2	8:55-10:10	M WThF	Ag 116	Staff
T-305-4	Educational Psychology	3	10:20-11:35	TuWThF	Ag 216	Staff
T-305-4	Educational Psychology	4	11:45-1:00	MTu ThF	Ag 146	Staff

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>GUIDANCE (GUID) (Continued)</b>						
*412-4	Mental Hygiene	1	10:20-11:35	MTuWTh	LS 323	Mr. Kelley
*T-412-4	Mental Hygiene	2	8:55-10:10	MTuWTh	Ag 218	Staff
420-4	Educational Statistics	1	10:20-11:35	TuWThF	LS C-16	Mr. Fitzpatrick
422-4	Educational Measurements I	1	7:30-8:45	TuWThF	Bar L 104	Mr. Orton
422-4	Educational Measurements I	2	8:55-10:10	TuWThF	Ag 146	Mr. Orton
F-422-4	Educational Measurements I	3	10:20-11:35	TuWThF	Ag 150	Staff
F-422-4	Educational Measurements I	4	11:45-1:00	MTuW F	Ag 148	Staff
442-4	Basic Principles of Guidance	1	8:55-10:10	TuWThF	Ag 150	Mr. Gardner
F-442-4	Basic Principles of Guidance	2	11:45-1:00	M WThF	Ag 150	Staff
481-4	Seminar on a Selected Topic (June 20-July 1)	1	7:30-11:35	MTuWThF	Woody Hall	Mr. Renzaglia
481-4	Seminar on a Selected Topic (June 20-July 1)	1	1:10-3:50	MTuWThF	Woody Hall	Mr. Renzaglia
481-6	Seminar on a Selected Topic (July 11-August 19)	2	7:30-11:35	MTuWThF	Woody Hall	Mr. Viccelli
481-6	Seminar on a Selected Topic (July 11-August 19)	2	1:10-3:50	MTuWThF	Woody Hall	Mr. Viccelli
401-2-6	Special Research Problem	1	To be arranged			Mr. Phelps
411-4	Educational Implications of Learning Theories	1	10:20-11:35	TuWThF	Ag 180	Mr. Skinner
415-4	Psychological Aspects of Education	1	1:10-3:50	M W	Ag 146	Mr. Skinner
420-4	Advanced Educational Statistics	1	8:55-10:10	TuWThF	Ag 180	Mr. Fitzpatrick
422-4	Educational Measurements II	1	7:30-8:45	MTu ThF	Ag 150	Mr. Russell
425-4	School Behavior Problems	1	11:45-1:00	MTuWTh	M 215	Mr. Thalman
437-4	Counseling Theory and Practice I	1	1:10-3:50	M W	Ag 180	Mr. Meek
*541-4	Occupational Information and Guidance	1	2:35-3:50	MTuWTh	Ag 116	Mr. Ramp
443-4	Guidance Through Groups	1	7:30-8:45	MTuWTh	Ag 180	Mr. Phelps
45A-4	Seminar: Problems in Guidance	1	1:10-3:50	Tu Th	Ag 146	Mr. Meek
62A-4	Child Development in Education	1	8:55-10:10	MTuWTh	LS C-16	Mr. Lee
74-2-12	Supervised Experience in Rehabilitation	1	To be arranged			Mr. Shafter
75A-2-4	Practicum in Rehabilitation: Counseling	1	To be arranged			Mr. Doleys
76-4	Practicum in School Personnel Work	1	To be arranged			Mr. DeWeese
99-5-9	Thesis	1	To be arranged			Mr. Fitzpatrick
Cross-listed with Psychology 432.						
*Cross-listed with Industrial Education.						
<b>HEALTH EDUCATION (H ED)</b>						
00-4	Healthful Living	1	7:30-8:45	MTuWTh	Har 101	Mr. Richardson
00-4	Healthful Living	2	7:30-8:45	MTuWTh	Gym 204	Mr. Casey
00-4	Healthful Living	3	7:30-8:45	MTuWTh	L Grassy	Mrs. Harris
-100-4	Healthful Living	4	8:55-10:10	MTu ThF	Har 101	Miss Phillips
-100-4	Healthful Living	5	11:45-1:00	MTu ThF	Har 101	Miss Phillips
-100-4	Healthful Living	6	10:20-11:35	MTu ThF	Har 101	Miss Denny
95-4	Principles and Foundations of Health Education	1	10:20-11:35	MTuWTh	Gym 204	Mr. Richardson
02S-4	Driver Education	1	8:55-10:10	MTu ThF	105 E Grand	Mr. Aaron
13S-4	Introduction to Safety Education	1	1:10-2:25	MTu ThF	105 E Grand	Mr. Aaron
23S-4	Methods and Materials in Safety Education	1	7:30-8:45	MTu ThF	105 E Grand	Mr. Bridges
34-4	First Aid	1	1:10-2:25	MTu ThF	Gym 203	Mr. Bridges
34-4	First Aid	2	7:30-8:45	MTuWTh	L Grassy	Mr. Ludden
50-4	Methods and Materials in Elementary School Health Education	1	8:55-10:10	MTuWTh	Gym 203	Miss Phillips
43S-4	Methods and Materials in Driver Education	1	10:20-11:35	MTu ThF	105 E Grand	Mr. Bridges
50-4	Methods and Materials in Secondary School Health Education	1	11:45-1:00	MTuWTh	Gym 203	Mr. Casey

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>HEALTH EDUCATION (H ED) (Continued)</b>						
461-4	Workshop in Health Education (June 20-July 15)	1	1:00-4:30	MTuWThF	M 210	Mr. Grissom
462-4	Workshop in Health Education (June 20-July 15)	1	1:00-4:30	MTuWThF	M 210	Mr. Grissom
463-4	Workshop in Health Education (June 20-July 15)	1	1:00-4:30	MTuWThF	M 210	Mr. Grissom
471-4	Organization and Administration of the School Health Program	1	7:30-8:45	M WThF	M 104	Mr. LeFevre
511-5	Practicum in Health Education (June 20-July 22)	1	11:00-12:00 1:00-4:30	MTuWThF MTuWThF	M 110 M 110	Mr. Grissom Mr. Grissom
520-2-6	Special Projects in Health Education	1	To be arranged			Mr. Boydston
525S-4	Organization, Administration, and Supervision of Safety Education	1	11:45-1:00	MTu ThF	105 E Grand	Mr. Aaron
<b>HISTORY (HIST)</b>						
101-3	Survey of World Civilization	1	8:55-10:10	M W F	M 206	Mr. Boren
*201-5	U.S. History to 1865	1	7:30-8:45	MTuWTh	Browne Aud	Mr. Rothenberg
201A-0	(Discussion Group)	1	11:45-1:00	Th	M 209	Staff
201A-0	(Discussion Group)	2	7:30-8:45	F	M 209	Staff
201A-0	(Discussion Group)	3	10:20-11:35	F	M 206	Staff
201A-0	(Discussion Group)	4	1:10-2:25	F	M 209	Staff
*202-5	U.S. History Since 1865	1	1:10-2:25	MTuWTh	Browne Aud	Mr. Briggs
202A-0	(Discussion Group)	1	8:55-10:10	F	M 209	Staff
202A-0	(Discussion Group)	2	11:45-1:00	F	M 209	Staff
202A-0	(Discussion Group)	3	2:35-3:50	F	M 209	Staff
202A-0	(Discussion Group)	4	2:35-3:50	M	M 209	Staff
308-3	History of Illinois	1	8:55-10:10	TuWTh	M 209	Mr. Wright
370-3	The Far East to 1912	1	10:20-11:35	MTu Th	M 206	Mr. Kuo
372-4	The History of Russia	1	8:55-10:10	TuWThF	M 312	Mr. Kuo
410-2-5	Special Readings in History	1	To be arranged			Staff
416-3	Age of The Reformation	1	11:45-1:00	M W F	M 206	Mr. Rothenberg
420-3	The French Revolution	1	2:35-3:50	TuW F	M 206	Mr. Rothenberg
449-3	Development of Afro-Asian Nationalism	1	7:30-8:45	M W F	M 206	Mr. Kuo
452-3	Historical Research and Thesis Writing	1	10:20-11:35	M W F	M 209	Mr. Briggs
500-3	Seminar	1	8:55-10:10 10:20-11:35	Tu Th Th	M 206 M 209	Mr. Briggs Mr. Briggs
510-2-5	Readings in History	1	To be arranged			Staff
590-1-6	Individual Research	1	To be arranged			Staff
599-3-9	Thesis	1	To be arranged			Staff
*History 201 and 202 are each taught in large Lecture Sections meeting 4 times a week and in a number of small Discussion Groups meeting once a week. It is essential that each student register for a Discussion Group (201A or 202A)						
<b>HOME and FAMILY (H &amp; F)</b>						
341-4	Consumer Problems	1	10:20-11:35	MTu ThF	H Ec 122	Mrs. Quigley
480-4	Special Problems in Child Development (June 20-July 15)	1	8:55-11:35	MTu ThF	H Ec 114	Mr. Blum

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>HOME and FAMILY (H &amp; F) (continued)</b>						
550-4	Advanced Home Management (July 18-August 12)	1	8:55-11:35	MTu ThF	H Ec 120	Miss Johnston
<b>HOME ECONOMICS EDUCATION (H E ED)</b>						
371-6	Field Experience	1	To be arranged			Staff
415-1	Introduction to Graduate Study	1	8:55-10:10	W	H Ec 120	Miss Fults
500-4	Research Methods	1	7:30-8:45	MTu ThF	H Ec 120	Miss Fults
515-4	Seminar in Home Economics Education (June 20-July 15)	1	8:55-11:35	MTu ThF	H Ec 120	Miss Fults
<b>INDUSTRIAL EDUCATION (I ED)</b>						
112-4	Basic Woodwork	1	7:30-10:10	MTu ThF	Bar D 102	Mr. Rock
122-4	Machine Shop I	1	10:20-1:00	MTu ThF	Bar D 109	Mr. Olsen
212-4	Machine Woodworking	1	7:30-10:10	MTu ThF	Bar D 102	Mr. Rock
302-4	Construction Methods for Primary Teachers	1	8:55-11:35	MTu ThF	Bar D 110	Mr. Shake
303-4	Diversified Crafts for Teachers and Recreation Leaders	1	11:45-2:25	MTuWTh	Bar D 110	Mr. Pollock
303-4	Diversified Crafts for Teachers and Recreation Leaders	2	To be arranged		L Grassy	Mr. Jenkins
319-3	Industrial Internship	1	To be arranged			Mr. Ramp
322-4	Machine Shop III	1	7:30-10:10	MTu ThF	Bar D 109	Mr. Schroeder
325-4	Advanced Machine Shop	1	7:30-10:10	MTu ThF	Bar D 109	Mr. Schroeder
360-4	Special Advanced Machine Shop	1	7:30-10:10	MTu ThF	Bar D 109	Mr. Schroeder
365-4	Industrial Safety	1	1:10-2:25	MTu ThF	P 204	Mr. Johnson
30-2-6	Special Problems in Arts and Industry	1	To be arranged (By permit of instructor)			Mr. Gallington
80-4	Problems of Elementary Industrial Education	1	7:30-8:45	MTu ThF	Bar D 110	Mr. Bunten
92-4	School Shop Planning	1	8:55-10:10	MTu ThF	Bar E 110	Mr. Erickson
95-4	Occupational Analysis	1	10:20-11:35	MTu ThF	Bar E 110	Mr. Ramp
00-2-4	Special Investigation in Industrial Education	1	To be arranged			Mr. Gallington
541-4	Occupational Information and Guidance	1	2:35-3:50	MTuWTh	Ag 116	Mr. Ramp
60-2-8	New Developments in Industrial Education	1	10:20-11:35 1:10-2:25	MTuWThF MTuWThF	Ag 116 Ag 116	Staff Staff
90-3-6	Research in Industrial Education	1	To be arranged			Mr. Gallington
99-1-9	Thesis	1	To be arranged			Mr. Gallington
Cross-listed with Guidance 541.						
<b>INSTRUCTIONAL MATERIALS (I M)</b>						
08-4	School Library Technical Processes	1	11:45-1:00	MTuWTh	Lib 112	Mr. Evans
05-4	Library Materials for Children	1	7:30-8:45	MTuWTh	Lib 112	Miss Fletcher
17-4	Audio-Visual Methods in Education	1	8:55-10:10	MTuWTh	Lib 112	Mr. Evans
20-4	Library Activities	1	10:20-11:35	MTuWTh	Lib 112	Miss Fletcher
45-4	Teacher-Made Methods (June 20-July 15)	1	1:10-3:50	MTuWThF	Lib 112	Mr. Rust

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>JOURNALISM (JRNL)</b>						
201-3	Newsriting and Editing I	1	8:55-10:10	MTuWTh	J Bar	Mr. Clayton
202-3	Newsriting and Editing II	1	8:55-10:10	MTuWTh	J Bar	Mr. Clayton
260A-3	Beginning Photography	1	8:55-10:10	M W F	Bar F 100	Mr. England
260A-3	Beginning Photography	2	10:20-11:35	M W	Photo House	Mr. England
			8:55-10:10	M W F	Bar F 100	Mr. England
			10:20-11:35	Tu Th	Photo House	Mr. England
331-3	Public Relations	1	7:30-8:45	M W F	J Bar	Mr. Long
390-3	Advanced Reporting	1	10:20-11:35	M W F	J Bar	Mr. Clayton
421-4	School Publications	1	10:20-11:35	M W F	J Bar	Mr. Rice
533-1-3	Research Problems	1	To be arranged			Mr. Long
599-1-8	Thesis	1	To be arranged			Mr. Long

**LABOR INSTITUTE (L I)**

Students interested in courses in this field should contact Mr. John M. McDermott, Director of the Institute. Offices are located at 403 W. Mill.

**LATIN AMERICAN INSTITUTE (LAI)**

A special program of Latin American Studies, leading to the Bachelor of Arts degree in the College of Liberal Arts and Sciences, is offered by the Latin American Institute. Students interested should consult with Dr. A. W. Bork, Director, or Prof. B. C. Hedrick, Assistant Director, Latin American Institute, 907 S. Lewis.

**MANAGEMENT (MGT)**

170-4	Introduction to Business	1	7:30-8:45	TuWThF	M 213	Mr. Kovarsky
271-4	Business Writing	1	7:30-8:45	TuWThF	Ag 153	Mr. Dandeneau
320-5	Corporation Finance	1	10:20-11:35	MTuWThF	M 207	Mr. Hong
340-4	Business Organization and Management	1	8:55-10:10	MTu ThF	Ag 216	Mr. Douglas
365-2-14	Small Business Management Internship II	1	To be arranged			Mr. Bedwell
380-4	Production Management	1	7:30-8:45	M WThF	Ag 216	Mr. Stamberg
385-4	Personnel Management	1	11:45-1:00	TuWThF	Ag 153	Mr. Douglas
501-2-5	Individual Research in Business Administration	1	To be arranged			Mr. Hong
599-2-9	Thesis	1	To be arranged			Mr. Kovarsky

**MARKETING (MKTG)**

330-5	Marketing Principles and Practices	1	10:20-11:35	MTuWThF	M 102	Mr. Rosenbarger
332-4	Store Management	1	8:55-10:10	TuWThF	M 207	Mr. Rosenbarger
337-4	Salesmanship	1	11:45-1:00	TuWThF	M 207	Mr. Thornberry
349-3	Wholesaling	1	7:30-8:45	M W F	M 207	Mr. Benson
438-4	Sales Management	1	10:20-11:35	MTuWTh	M 104	Mr. Hoffman

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>MARKETING (MKTG) (Continued)</b>						
500-2-5	Readings	1	To be arranged			Staff
501-2-5	Individual Research	1	To be arranged			Mr. Hoffman
595-3	Seminar	1	To be arranged			Mr. Benson
599-1-9	Thesis	1	To be arranged			Mr. Hoffman

**MATHEMATICS (MATH)**

106a-4	General Math I	1	7:30-8:45	M WThF	M 310	Staff
106a-4	General Math I	2	10:20-11:35	MTu ThF	M 314	Staff
T-106a-4	General Math I	3	11:45-1:00	MTuW F	M 112	Staff
106a-4	General Math I	4	1:10-2:25	MTuW F	M 311	Staff
106c-4	General Math I (Pre-111)	1	8:55-10:10	M WThF	M 314	Staff
T-107a-4	General Math II	1	1:10-2:25	MTuW F	M 112	Staff
107a-4	General Math II	2	11:45-1:00	MTu ThF	M 111	Mr. Boen
111-5	Elementary Analysis I	1	8:55-10:10	MTuWThF	M 310	Staff
111-5	Elementary Analysis I	2	11:45-1:00	MTuWThF	M 314	Miss Moore
112-5	Elementary Analysis II	1	8:55-10:10	MTuWThF	M 104	Mr. Slechticky
112-5	Elementary Analysis II	2	11:45-1:00	MTuWThF	M 310	Staff
113-5	Calculus and Analytic Geometry I	1	11:45-1:00	MTuWThF	M 311	Mr. Wilson
T-113-5	Calculus and Analytic Geometry I	2	1:10-2:25	MTuWThF	M 102	Staff
210-4	Teaching of Elementary Mathematics	1	7:30-8:45	M WThF	M 314	Mr. Fulkerson
210-4	Teaching of Elementary Mathematics	2	10:20-11:35	MTuW F	M 111	Mr. Hall
220-4	Elementary Statistics	1	7:30-8:45	MTuWThF	M 309	Mr. Black
220-4	Elementary Statistics	2	1:10-2:25	MTuWThF	M 309	Staff
51-4	Calculus and Analytic Geometry II	1	11:45-1:00	MTu ThF	M 309	Mr. Skalsky
52-4	Calculus and Analytic Geometry III	1	10:20-11:35	MTu ThF	M 310	Mr. Rodabaugh
53-4	Calculus and Analytic Geometry IV	1	8:55-10:10	MTu ThF	M 306	Staff
33-3	Theory of Point Sets	1	8:55-10:10	M W F	M 111	Mr. Boen
40-4	Modern Algebra for Teachers	1	7:30-8:45	M W F	M 311	Staff
	(National Science Foundation)		1:10-2:25	M W F	M 310	Staff
40-4	Modern Algebra for Teachers	2	10:20-11:35	M W F	M 311	Staff
	(National Science Foundation)		8:55-10:10	Tu Th	M 311	Staff
60-4	Modern Geometry	1	1:10-2:25	MTuW F	M 111	Mr. Hall
41-4	Sets and Probability	1	7:30-8:45	M W F	M 111	Miss Moore
	(National Science Foundation)		1:10-2:25	M W F	M 314	Staff
42-4	Elementary Functions from an	1	10:20-11:35	M W F	M 309	Mr. Kenner
	Advanced Standpoint		8:55-10:50	Tu Th	M 309	Staff
50E-2	Seminar in Mathematics Education	1	1:10-3:50	Tu	M 314	Mr. Small
	(National Science Foundation)					
50E-2	Seminar in Mathematics Education	2	1:10-3:50	Th	M 314	Mr. Small
	(National Science Foundation)					
95A-2-4	Special Project in Algebra	1	To be arranged			Staff
95B-2-4	Special Project in Geometry	1	To be arranged			Staff
95C-2-4	Special Project in Analysis	1	To be arranged			Staff
95D-2-4	Special Project in Probability and	1	To be arranged			Staff
	Statistics					
95E-2-4	Special Project in Mathematics	1	To be arranged			Staff
	Education					
99-2-6	Thesis in Mathematics	1	To be arranged			Staff

**MICROBIOLOGY (MICR)**

11	Research	1	To be arranged			Staff
28-1-10	Readings in Microbiology	1	To be arranged			Staff
50-4	Microbiology for High School Teachers	1	7:30-8:45	Tu Th	LS G-16	Staff
	(National Science Foundation)	1	7:30-10:10	W F	LS G-6	Staff

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>MICROBIOLOGY (MICR) (Continued)</b>						
552-1	Seminar in Biological Science for High School Teachers (National Science Foundation)	1	1:10-2:25	M	LS G-16	Staff
599-3-9	Thesis	1	To be arranged			Staff
<b>MUSIC (MUS)</b>						
001-1	Band	1	1:10-2:25	Tu Th	Aud Stage	Mr. Olsson
002-1	Chorus	1	1:10-2:25	W F	Alg 115	Mr. C. Taylor
003-1	Orchestra	1	1:10-2:25	M	Aud Stage	Mr. Ficocelli
			7:00-9:30 P.M.	Tu	Aud Stage	Mr. Ficocelli
010A-1	Class Violin	1	7:30-8:45	M W F	Aud 111	Mr. Ficocelli
010B-1	Class Viola	1	7:30-8:45	M W F	Aud 111	Mr. Ficocelli
010C-1	Class Cello	1	7:30-8:45	M W F	Aud 111	Mr. Ficocelli
010D-1	Class Double Bass	1	7:30-8:45	M W F	Aud 111	Mr. Ficocelli
011-2-4	Private Violin	1	To be arranged		Alg 219	Mr. Wharton
013-2-4	Private Cello	1	To be arranged		Aud 111	Mr. Ficocelli
020B-1	Class Oboe	1	8:55-10:10	M W F	Alg 231	Mr. Forman
020C-1	Class Clarinet	1	8:55-10:10	M W F	Alg 231	Mr. Forman
020D-1	Class Bassoon	1	8:55-10:10	M W F	Alg 231	Mr. Forman
020E-1	Class Saxophone	1	8:55-10:10	M W F	Alg 231	Mr. Forman
021-2-4	Private Flute	1	To be arranged		Alg 233	Mr. Bottje
022-1-4	Private Oboe	1	To be arranged		Alg 231	Mr. Forman
024-1-4	Private Bassoon	1	To be arranged		Alg 231	Mr. Forman
031-2-4	Private Percussion	1	To be arranged		Aud 204	Mr. Canedy
040-1	Class Piano	1	8:55-10:10	M W F	Alg 301	Mr. Wharton
041-2-4	Private Piano	1	To be arranged		Alg 245	Mr. Denker
041-2-4	Private Piano	2	To be arranged		Alg 247	Mr. Barwick
041-2-4	Private Piano	3	To be arranged		Alg 244	Mr. Mueller
050A-1	Class French Horn	1	7:30-8:45	M W F	Alg 204	Mr. Olsson
050B-1	Class Trumpet	1	7:30-8:45	M W F	Alg 204	Mr. Olsson
050C-1	Class Trombone	1	7:30-8:45	M W F	Alg 201	Mr. Canedy
050D-1	Class Tuba	1	7:30-8:45	M W F	Alg 201	Mr. Canedy
050E-1	Class Baritone	1	7:30-8:45	M W F	Alg 201	Mr. Canedy
051-1-4	Private French Horn	1	To be arranged		Alg 204	Mr. Olsson
052-1-4	Private Trumpet	1	To be arranged		Alg 204	Mr. Olsson
060-1	Class Voice	1	7:30-8:45	Tu Th	Alg 115	Mr. W. Taylor
061-2-4	Private Voice	1	To be arranged		Alg 246	Mr. W. Taylor
071-2-4	Private Organ	1	To be arranged		Alg 243	Mr. Morgan
NOTE: Additional courses in private or class instruments will be offered to qualified students after consultation with the Chairman of the Department of Music. All class instrument and voice students are reminded of the requirement of at least one hour of private practice per day. Air-conditioned practice rooms will be assigned on the first day of the summer session at the Department of Music Office (Alg 103).						
100-3	Music Understanding	1	7:30-8:45	M W F	Alg 115	Mr. McIntosh
106-4	Theory of Music	1	8:55-10:10	MTuWThF	Alg 116	Staff
107-4	Theory of Music	1	8:55-10:10	MTuWThF	Alg 116	Staff
205-4	Theory of Music	1	8:55-10:10	MTuWThF	Alg 106	Staff
206-4	Theory of Music	1	8:55-10:10	MTuWThF	Alg 106	Staff
207-4	Theory of Music	1	8:55-10:10	MTuWThF	Alg 106	Staff
300B-3	Elementary Music Methods (non-majors)	1	7:30-8:45	M W F	Alg 116	Mr. Thomas
307-4	Recreational Music	1	8:55-10:10	MTu ThF	Alg 248	Mr. McIntosh
319-2	Conducting	1	To be arranged			Staff
346-2-8	Opera Workshop	1	2:30-4:30	MTuWThF	Alg 247	Mr. W. Taylor
			7:00-10:00 P.M.	MTuWThF	Alg 115	Mr. W. Taylor

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>MUSIC (MUS) (Continued)</b>						
12-3	Choral Literature	1	8:55-10:10	M W F	Alg 106	Staff
55-2	Elementary Music Education	1	9:00-12:00	MTuWThF	Alg 106	Mr. Thomas
	Workshop (June 27-July 1)		1:30-3:30	MTuWThF	Alg 106	Mr. Thomas
71-2-4	Private Piano	1	To be arranged		Alg 245	Mr. Denker
71-2-4	Private Piano	2	To be arranged		Alg 247	Mr. Barwick
72-2-4	Private Voice	1	To be arranged		Alg 246	Mr. W. Taylor
73A-2	Private Violin	1	To be arranged		Alg 219	Mr. Wharton
74A-2	Private Flute	1	To be arranged		Alg 233	Mr. Bottje
76-2	Private Organ	1	To be arranged		Alg 243	Mr. Morgan
01-3	Introduction to Graduate Study	1	8:55-10:10	M W F	Alg 105	Mr. Morgan
02A-3	History and Analysis of Style	1	10:20-11:35	M W F	Alg 106	Mr. Mueller
31-3	Advanced Composition	1	To be arranged		Alg 233	Mr. Bottje
56-2	Advanced Conducting	1	To be arranged			Staff
60-2-3	Seminar in Music Education	1	To be arranged			Mr. C. Taylor and
66-1	Instrumental Ensemble (Band)	1	1:10-2:25	Tu Th	Aud Stage	Mr. Olsson
66-1	Instrumental Ensemble (Orchestra)	2	1:10-2:25	M	Aud Stage	Mr. Ficocelli
			7:00-9:30 P.M.	Tu	Aud Stage	Mr. Ficocelli
67-1	Vocal Ensemble	1	1:00-2:30	W F	Alg 115	Mr. C. Taylor
68-2-8	Opera Workshop	1	2:30-4:30	MTuWThF	Alg 246	Mr. W. Taylor
			7:00-10:00 P.M.	MTuWThF	Alg 115	Mr. W. Taylor
71-4	Private Piano	1	To be arranged		Alg 245	Mr. Denker
71-4	Private Piano	2	To be arranged		Alg 247	Mr. Barwick
72-4	Private Voice	1	To be arranged		Alg 246	Mr. W. Taylor
76-4	Private Organ	1	To be arranged		Alg 243	Mr. Morgan
99-3-6	Thesis	1	To be arranged		Alg 103	Staff
<b>NURSING (NURS)</b>						
19-4	Growth and Development of Individual I	1	7:30-8:45	MTuWTh	H Ec 128	Miss Wyatt
25-12	Psychiatric Nursing	1	To be arranged			Staff
40-2-4	Selected Problems in Nursing	1	To be arranged			Staff
<b>PHILOSOPHY (PHIL)</b>						
20-2	Practical Logic I	1	8:55-10:10	Tu Th	A 207	Mr. Moore
40-2	Ideas of Good and Evil	1	10:20-11:35	Tu Th	A 106	Mr. McClure
355-4	Philosophy of Education	1	7:30-8:45	MTuWTh	A 207	Mr. McClure
355-4	Philosophy of Education	2	10:20-11:35	MTuWTh	A 207	Mr. Moore
90-2-4	Special Problems	1	To be arranged			Mr. Moore
99-2-5	General Graduate Seminar	1	To be arranged		A 208	Mr. McClure
90-2-5	General Graduate Seminar	1	To be arranged		A 208	Mr. McClure
91-1-5	Readings in Philosophy	1	To be arranged		A 208	Mr. Moore
99-3-6	Thesis	1	To be arranged		A 208	Mr. Moore

Cross-listed with Education Administration and Supervision.

**PHYSICAL EDUCATION—MEN (PEM)**

18-1	Methods and Materials of Teaching Tennis	1	8:55-10:10	M W	Tennis Cts	Mr. LeFevre
19-1	Methods and Materials of Teaching Golf	1	8:55-10:10	Tu Th	Field	Mr. Holder

For Physical Education Majors and Minors.



Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>PHYSICAL EDUCATION—MEN (PEM) (Continued)</b>						
149-1	Freshman Adapted and Restricted Physical Education	1	11:45-1:00	TuW	Gym 207	Mr. Greene
151-1	Fresh. Required Physical Education (Recreational Sports)	1	7:30-8:45	M WTh	Gym 207	Mr. Martin
151-1	Fresh. Required Physical Education (Recreational Sports)	2	8:55-10:10	M WTh	Gym 207	Mr. Martin
152-1	Fresh. Required Physical Education (Recreational Sports)	1	7:30-8:45	MTu Th	Gym 207	Mr. Meade
152-1	Fresh. Required Physical Education (Recreational Sports)	2	8:55-10:10	MTu Th	Gym 207	Mr. Meade
152-1	Fresh. Required Physical Education (Recreational Sports)	3	10:20-11:35	MTu Th	Gym 207	Mr. Greene
153-1	Fresh. Required Physical Education (Recreational Sports)	1	7:30-8:45	TuWTh	Gym 207	Mr. Piccone
153-1	Fresh. Required Physical Education (Recreational Sports)	2	8:55-10:10	TuWTh	Gym 207	Mr. Piccone
153-1	Fresh. Required Physical Education (Recreational Sports)	3	10:20-11:35	TuWTh	Gym 207	Mr. Lingle
**204-1	Elementary Swimming	1	10:20-11:35	M W	Pool	Mr. Holder
**204-1	Elementary Swimming	2	11:45-1:00	Tu Th	Pool	Mr. Shea
**205-1	Advanced Swimming	1	To be arranged		*** L Grassy	Mr. Franz
*216-2	Methods and Materials for Coaching Basketball	1	8:55-10:10	MTuWTh	Gym 207	Mr. Gallatin
**220-1	Recreational Activities (Outdoor)	1	7:30-8:45	M W	Gym 207	Mr. Greene
**220-1	Recreational Activities (Outdoor)	2	8:55-10:10	M W	Gym 207	Mr. Iubelt
**220-1	Recreational Activities (Outdoor)	3	10:20-11:35	Tu Th	Gym 207	Mr. Kawal
**220-1	Recreational Activities (Outdoor)	4	7:30-8:45	Tu Th	Gym 207	Mr. Kawal
**220-1	Recreational Activities (Outdoor)	5	10:20-11:35	M W	Gym 207	Mr. Kawal
**220-1	Recreational Activities (Outdoor)	6	11:45-1:00	Tu Th	Gym 207	Mr. Kawal
**220-1	Recreational Activities (Outdoor)	7	8:55-10:10	Tu Th	Gym 207	Mr. Iubelt
**220-1	Recreational Activities (Outdoor) (Tennis)	8	10:20-11:35	M W	Tennis Cts	Mr. LeFevre
**220-1	Recreational Activities (Outdoor)	9	11:45-1:00	M W	Gym 207	Mr. Kawal
**220-1	Recreational Activities (Outdoor)	10	11:45-1:00	M W	Gym 207	Mr. Lingle
**240-1	Golf Techniques	1	11:45-1:00	M W	Gym 207	Mr. Holder
**240-1	Golf Techniques	2	11:45-1:00	Tu Th	Gym 207	Mr. Holder
249-1	Sophomore Adapted and Restricted Activities	1	11:45-1:00	TuW	Gym 207	Mr. Greene
330A-2	Theory of Coaching Basketball	1	10:20-11:35	M W	Gym 203	Mr. Gallatin
341-3	Principles of Physical Education	1	7:30-8:45	MTuW	Gym 203	Mr. Lingle
**378-1	Canoeing and Boating	1	To be arranged		*** L Grassy	Mr. Franz
420-3	Physiological Effects of Motor Activity	1	11:45-1:00	MTuW	Gym 204	Mr. Bender
501-4	Curriculum in Physical Education	1	7:30-8:45	MTuWTh	Gym 206	Miss Davies
503-4	Seminar in Physical Education	1	10:20-11:35	MTuWTh	Gym 206	Mr. Shea
504-4	Problems in Physical Education	1	8:55-10:10	MTuWTh	Gym 204	Miss Zimmerman
525-1-6	Readings in Physical Education	1	To be arranged			Staff
599-6-9	Thesis	1	To be arranged			Staff

\* For Physical Education Majors and Minors Only.

\*\* May be substituted for Sophomore Required Physical Education.

\*\*\* NO TRANSPORTATION from campus to lake is available.

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>PHYSICAL EDUCATION—WOMEN (PEW)</b>						
00-1	Beginning Swimming	1	7:30-8:45	M W F	Pool	Miss Stehr
03-1	Volleyball and Folk Dancing	1	10:20-11:35	M W F	Gym	Miss Dempsey
01A-1	Adapted Physical Education	1	By consent of Departmental Chairman			Staff
02A-1	Adapted Physical Education	1	By consent of Departmental Chairman			Staff
03A-1	Adapted Physical Education	1	By consent of Departmental Chairman			Staff
05-1	Intermediate Swimming	1	8:55-10:10	M W	Pool	Miss West
14-1	Archery	1	8:55-10:10	M W	Gym	Miss Davies
15-1	Badminton	1	11:45-1:00	M W	Gym	Miss West
-215-1	Badminton	2	11:45-1:00	Tu Th	Gym	Staff
16-1	Tennis	1	7:30-8:45	Tu Th	Gym	Miss West
16-1	Tennis	2	8:55-10:10	Tu Th	Gym	Miss Dempsey
16-1	Tennis	3	7:30-8:45	M W	Gym	Miss West
-216-1	Tennis	4	1:10-2:25	Tu Th	Gym	Staff
-218-1	Recreational Games	1	11:45-1:00	M W	Gym 114	Staff
22-1	Golf	1	7:30-8:45	Tu Th	Gym 114	Miss Stehr
22-1	Golf	2	8:55-10:10	Tu Th	Gym 114	Miss West
22-1	Golf	3	10:20-11:35	Tu Th	Gym 114	Miss West
22-1	Golf	4	11:45-1:00	Tu Th	Gym 114	Miss Stehr
9-4	Teaching Elementary School Activities	1	7:30-8:45	M WThF	Gym 114	Miss Dempsey
9-4	Teaching Elementary School Activities	2	10:20-11:35	MTuWTh	Gym 114	Miss Stehr
01-1-4	Teaching of Team Sports and Dance (June 20-July 15)	1	1:10-4:00	MTuWTh	Gym	Staff
00-3	Physiological Effects of Motor Activity	1	11:45-1:00	MTuW	Gym 204	Mr. Bender
01-4	Curriculum in Physical Education	1	7:30-8:45	MTuWTh	Gym 206	Miss Davies
03-4	Seminar	1	10:20-11:35	MTuWTh	Gym 206	Mr. Shea
04-4	Problems in Physical Education	1	8:55-10:10	MTuWTh	Gym 204	Miss Zimmerman
5-1-6	Readings in Physical Education	1	To be arranged			Staff
9-6-9	Thesis	1	To be arranged			Staff
<b>PHYSICS (PHYS)</b>						
1-4	Survey Course	1	7:30-8:45	M WThF	P 308	Mr. Etherton
			7:30-10:10	Tu	P 317	Mr. Etherton
1-4	Survey Course	2	8:55-10:10	MTu ThF	P 308	Staff
			7:30-10:10	W	P 317	Staff
101-4	Survey Course	3	10:20-11:35	M WThF	P 308	Miss Zimmerschied
			10:20-1:00	Tu	P 317	Miss Zimmerschied
101-4	Survey Course	4	11:45-1:00	MTu ThF	P 308	Mr. Harbison
			10:20-1:00	W	P 317	Mr. Harbison
2-4	Survey Course	1	7:30-8:45	MTuW F	P 309	Staff
			7:30-10:10	Th	P 317	Staff
2-4	Survey Course	2	8:55-10:10	MTuWTh	P 309	Mr. Collins
			7:30-10:10	F	P 317	Mr. Collins
102-4	Survey Course	3	10:20-11:35	MTuW F	P 309	Staff
			10:20-1:00	Th	P 317	Staff
2-5	Radio	1	10:20-11:35	MTuW F	P 301	Mr. Etherton
			8:55-11:35	Th	P 318	Mr. Etherton
1-2-5	Special Projects I	1	To be arranged			Staff
1-2-5	Special Projects	1	To be arranged			Staff
1-1-9	Physics Thesis	1	To be arranged			Staff

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>PHYSIOLOGY (PHSL)</b>						
209-5	Introduction to Physiology	1	7:30-8:45 7:30-10:10	M W F Tu Th	LS 113 LS 113	Mr. Kaplan Mr. Kaplan
440-3	Electron Microscopy	1	To be arranged	A.M.	LS 113 & 121	Mr. Kaplan
450-4	Special Problems	1	To be arranged			Mr. Kaplan
599-3	Thesis	1	To be arranged			Mr. Kaplan
<b>PLANT INDUSTRIES (PL I)</b>						
304-3	Landscape Gardening Workshop (August 1-August 12)	1	8:00-12:00	MTuWThF	Ag 195	Mr. Tucker
318-3	Weeds and Their Control	1	8:55-10:10 8:55-11:35	M W F	Ag 172 Ag 171	Mr. Sherwood Mr. Sherwood
<b>PRINTING and PHOTOGRAPHY (P &amp; P)</b>						
260A-3	Beginning Photography	1	8:55-10:10 10:20-11:35	M W F M W	Bar F 100 Photo House	Mr. England Mr. England
260A-3	Beginning Photography	2	8:55-10:10 10:20-11:35	M W F Tu Th	Bar F 100 Photo House	Mr. England Mr. England
260A-3	Beginning Photography	3	8:55-10:10	MTuWThF	Little Grassy	Mr. Horrel
312B-3	Paper	1	7:30-8:45	MTuW	J Bar	Mr. Modlin
313B-3	Color in Printing	1	8:55-10:10	MTuW	J Bar	Mr. Modlin
314B-3	Bindery	1	10:20-11:35	MTuW	J Bar	Mr. Modlin
341A-3	Cinematography I	1	1:10-3:50	MTuW	Bar F 100	Mr. Merce
<b>PSYCHOLOGY (PSYC)</b>						
201-4	Introductory Psychology	1	7:30-8:45	MTuWTh	M 215	Sta
201-4	Introductory Psychology	2	8:55-10:10	MTuWTh	M 208	Mr. Martir
201-4	Introductory Psychology	3	10:20-11:35	MTuWTh	M 215	Mr. Westber
201-4	Introductory Psychology	4	7:30-8:45	MTuWTh	Ag 224	Sta
201-4	Introductory Psychology	5	8:55-10:10	MTuWTh	Ag 224	Sta
301-4	Child Psychology	1	7:30-8:45	MTuWTh	Ag 146	Miss Kaffert
301-4	Child Psychology	2	10:20-11:35	MTuWTh	Ag 224	Mr. Martir
431-4	Psychopathology	1	7:30-8:45	MTuWTh	Ag 218	Mr. Scha
*432-4	Mental Hygiene	1	10:20-11:35	MTuWTh	LS 323	Mr. Kelle
*T-432-4	Mental Hygiene	2	8:55-10:10	MTuWTh	Ag 218	Sta
490-1-4	Independent Projects	1	To be arranged			Sta
590A-1-12	Readings-General Psychology	1	To be arranged			Sta
590B-1-12	Readings-Experimental Psychology	1	To be arranged			Sta
590C-1-12	Readings-Research, Design, and Methodology	1	To be arranged			Sta
590D-1-12	Readings-Personality	1	To be arranged			Sta
590E-1-12	Readings-Clinical Psychology	1	To be arranged			Sta
590F-1-12	Readings-Counseling Psychology	1	To be arranged			Sta
590G-1-12	Readings-Social Psychology	1	To be arranged			Sta
590H-1-12	Readings-Industrial Psychology	1	To be arranged			Sta

\* Cross-listed with Guidance 412.

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>PSYCHOLOGY (PSYC) (Continued)</b>						
00J-1-12	Readings-Child Psychology	1	To be arranged			Staff
01B-1-12	Research-Experimental Psychology	1	To be arranged			Staff
01C-1-12	Research-Methodology	1	To be arranged			Staff
01D-1-12	Research-Personality	1	To be arranged			Staff
01E-1-12	Research-Clinical Psychology	1	To be arranged			Staff
01F-1-12	Research-Counseling Psychology	1	To be arranged			Staff
01H-1-12	Research-Industrial Psychology	1	To be arranged			Staff
01J-1-12	Research-Child Psychology	1	To be arranged			Staff
03E-1-12	Practicum-Clinical Psychology	1	To be arranged			Staff
03F-1-12	Practicum-Counseling Psychology	1	To be arranged			Staff
03H-1-12	Practicum-Industrial Psychology	1	To be arranged			Staff
03L-1-12	Practicum-Teaching Psychology	1	To be arranged			Staff
03M-1-12	Practicum-Rehabilitation	1	To be arranged			Mr. Doleys
03N-1-12	Practicum-Rehabilitation Counseling	1	To be arranged			Mr. Doleys
05A-1-4	Seminar-Clinical Psychology	1	To be arranged			Miss Rafferty
05D-1-4	Seminar-Industrial Psychology	1	To be arranged		1009 S Forest	Mr. Osburn
09-1-9	Thesis	1	To be arranged			Staff
00-1-12	Dissertation	1	To be arranged			Staff
<b>RADIO-TELEVISION (R-T)</b>						
1-4	Radio-TV Speaking	1	7:30-8:45	MTu ThF	Rad S A	Staff
1-4	Radio-TV Speaking	2	11:45-1:00	MTu ThF	Rad S A	Staff
1-3	Survey of Broadcasting	1	1:10-2:25	M W F	Bar I 101	Mr. Ripley
3-2	Basic Radio Production Laboratory	1	1:10-3:45	Tu Th	Rad S A	Staff
2-4	Laws and Policies	1	2:35-3:50	M WThF	Bar I 101	Mr. Ripley
5-3	Broadcast Persuasion Factors	1	4:00-5:15	M W F	Bar I 101	Mr. Ripley
9-3	Basic Television Writing	1	8:55-10:10	MTu F	Bar I 101	Mr. Holman
1-2	Television Announcing	1	10:20-11:35	M F	Rad S A	Mr. Uray
8-3	Fundamentals of TV Production	1	6:35-7:50 P.M.	MTuWThF	Rad S A	Mr. Uray
3-1-5	Advanced Production Laboratory (Permission to enroll necessary)	1	4:00-10:00 P.M. 8:00-12:00	MTuWThF S	Rad S	Staff
5J-1-4	Individual Research Problems	1	To be arranged			Staff
4-5	Television Station Management	1	2:35-3:50	MTuWThF	Bar I 102	Mr. Robbins
<b>RECREATION and OUTDOOR EDUCATION (REC)</b>						
1-4	Introduction to Recreation Leadership	1	To be arranged		L Grassy	Mr. Franz
2-4	Organization and Direction of Recreation Programs	1	To be arranged		L Grassy	Mr. O'Brien
1-4	Programs in School Camping and Outdoor Education	1	To be arranged		L Grassy	Mr. Wilkinson
0-3	Social Recreation	1	To be arranged		L Grassy	Mr. Taylor
1-2-6	Camp Leadership	1	To be arranged		L Grassy	Mr. Franz
1-2-6	Camp Leadership	2	To be arranged		L Grassy	Mr. Wilkinson
1-2-6	Camp Leadership	3	To be arranged		L Grassy	Mr. O'Brien
2-2	Playground Leadership Workshop (June 15-18)	1	To be arranged		L Grassy	Staff
2-2-6	Playground Leadership	2	To be arranged		L Grassy	Mr. Wilkinson
4-2-6	Institutional Recreation Leadership	1	To be arranged		L Grassy	Staff
0-4	Principles and Interpretations of Recreation	1	To be arranged		L Grassy	Mr. Freeburg

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>RECREATION and OUTDOOR EDUCATION (Continued)</b>						
480-4	Techniques in Camping	1	To be arranged		L Grassy	Staff
510-2	School Camping and Outdoor Education Workshop (July 11-15)	1	To be arranged		L Grassy	Mr. Taylor
550-2-6	Field Experience in Recreation and Outdoor Education	1	To be arranged		L Grassy	Mr. Freeburg

**REHABILITATION COUNSELING (RC)**

Students interested in graduate work in the field of Rehabilitation Counseling should contact Mr. Guy A. Renzaglia, Director, Rehabilitation Institute. Offices are located at 603 W. Grand.

**RELIGIOUS EDUCATION (R ED)**

325-3	Teaching of Parables	1	8:55-10:10	M W F	BF	Mr. Johnson
332-3	Religious Education of Youth	1	7:30-8:45	M W F	BF	Mr. Hall

**RUSSIAN STUDIES (RU ST)**

Students interested in a minor in russian studies should consult Mr. John J. Wuest, Department of Government.

**SECRETARIAL and BUSINESS EDUCATION (SEC)**

107-4	Shorthand III	1	7:30-8:45	MTuW F	Bar C 103	Miss DuFrair
213-3	Typewriting IV	1	10:20-11:35	MTuW F	Bar G 103	Miss DuFrair
216-4	Shorthand IV	1	7:30-8:45	MTuW F	Bar C 103	Miss DuFrair
313-4	Calculating Machines	1	8:55-10:10	MTuW F	Bar C 104	Miss DuFrair
404-3	Teaching Shorthand and Transcription	1	11:45-1:00	MTu Th	Bar C 103	Mr. Rahe
408-3	Teaching Bookkeeping and Accounting	1	10:20-11:35	M W F	P 204	Mr. Bauernfeind
500-2-5	Readings in Business Education	1	To be arranged		Bar G 113	Staff
501-2-5	Individual Research in Business Education	1	To be arranged		Bar G 113	Staff
502-4	Research in Business Education	1	7:30-8:45	TuWThF	M 108	Mr. Wes
503-4	Tests and Measurements in Business Education	1	8:55-10:10	TuWThF	M 108	Mr. Wes
505-1	Workshop in Business Education (June 27-July 1)	1	10:20-11:35	MTuWThF	Lib Aud	Mr. Forkner
599-2-9	Thesis	1	To be arranged	MTuWThF	Lib Aud	Mr. Forkner
					Bar G 115	Mr. Wes

**SMALL BUSINESS INSTITUTE (SBI)**

Students interested in operating or establishing small businesses should consult with Mr. R. Ralph Bedwell, Director, Small Business Institute, relative to specially designed courses of study. Offices are located at 801 W. Mill.

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>SOCIOLOGY (SOC)</b>						
-5	Introductory Sociology	1	7:30-8:45	MTuWThF	M 102a	Staff
-5	Introductory Sociology	2	8:55-10:10	MTuWThF	M 102a	Mr. Vander Wiel
01-5	Introductory Sociology	3	8:55-10:10	MTuWThF	M 112	Mr. Munch
-5	Introductory Sociology	4	10:20-11:35	MTuWThF	M 102a	Staff
01-5	Introductory Sociology	5	10:20-11:35	MTuWThF	M 112	Staff
-4	The Family	1	8:55-10:10	MTuWTh	A 106	Miss Snyder
-4	Juvenile Delinquency	1	7:30-8:45	TuWThF	M 112	Mr. Petroff
-3	Techniques of Group Leadership	1	To be arranged		L Grassy	Mr. Vander Wiel
-4	Integrated Sociology	1	10:20-11:35	TuWThF	M 106	Mr. Johnson
-4	Social Factors in Behavior and Personality	1	11:45-1:00	TuWThF	M 102a	Mr. Campisi
-2-6	Individual Research	1	To be arranged			Staff
-2-6	Readings in Sociology	1	To be arranged			Mr. Campisi
-2-9	Thesis	1	To be arranged			Staff

**SPECIAL EDUCATION (SP E)**

-4	Problems of Mentally Retarded	1	7:30-8:45	MTuWTh	M 106	Mr. Frey
-4	The Gifted Child	1	10:20-11:35	MTuWTh	Bar I 102	Mr. Kolstoe
-4	Directed Observation	1	8:55-10:10	MTuWTh	M 106	Mr. Frey
-4	The Exceptional Child	1	8:55-10:10	MTuWTh	LS 323	Miss McKay
9-4	Communication Problems of Deaf and Hard of Hearing	1	11:00-12:00	MTu ThF	L Grassy Camp No. 2	Mr. Brutton
-4	Methods and Materials for Exceptional Child	1	7:30-8:45	MTuWTh	U Sch	Mr. Rainey
8-4	Speech Correction for Classroom Teachers	1	1:10-2:25	MTu ThF	Bar I 102	Mr. Gregory
-4	Special Research Problems	1	To be arranged			Staff
-4	Organization, Administration and Supervision of Special Classes	1	8:55-10:10	MTuWTh	Bar I 103	Mr. Kolstoe
4-12	Practicum	1	7:30-8:45	MTuWTh	U Sch	Miss McKay and Mr. Kolstoe
-2-9	Independent Investigation	1	To be arranged			Staff
-2-9	Thesis	1	To be arranged			Staff

cross-listed with Speech Correction.

**SPEECH (SPCH)**

4	Principles of Speech	1	7:30-8:45	MTu ThF	Bar I 102	Staff
4	Principles of Speech	2	8:55-10:10	MTu ThF	M 307	Staff
4	Principles of Speech	3	10:20-11:35	MTuWTh	M 307	Staff
4	Principles of Speech	4	11:45-1:00	MTu ThF	M 307	Staff
4	Principles of Speech	5	1:10-2:25	MTu ThF	P 111	Staff
4	Principles of Speech	6	7:30-8:45	MTuWTh	Bar I 101	Staff
4	Principles of Speech	7	8:55-10:10	MTu ThF	P 111	Staff
4	Principles of Speech	8	10:20-11:35	MTuWTh	Bar I 101	Staff
4	Phonetics	1	1:10-2:25	MTuWTh	Bar I 103	Mr. Garbutt
4	Psychology of Speech	1	7:30-8:45	MTu ThF	Bar M 118	Mr. Breniman

cross-listed with Speech Correction.

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>SPEECH (SPCH) (Continued)</b>						
413-4	American Public Address II	1	To be arranged			Mr. Bradle
427-4	The Forensic Program	1	To be arranged			Mr. Potte
510-4	Seminar: Persuasion and Social Control	1	To be arranged			Mr. Micke
530-1-4	Research Problems	1	To be arranged			Sta
599-2-9	Thesis	1	To be arranged			Sta
600-0-12	Dissertation	1	To be arranged			Sta
<b>SPEECH CORRECTION (SP C)</b>						
100-0-2	Speech Clinic	1	To be arranged		1020 S Lake	Sta
*200-4	Phonetics	1	1:10-2:25	MTuWTh	Bar I 103	Mr. Garbu
318-4	Voice and Cleft Palate	1	2:35-3:50	MTuW F	1020 S Lake	Mr. Bracke
319-4	Stuttering	1	8:55-10:10	MTu ThF	1020 S Lake	Mr. Brutte
405-1-4	Practicum in Speech and Hearing Therapy	1	To be arranged		1020 S Lake	Mr. Grego
406-4	Techniques and Interpretation of Hearing Tests	1	1:10-2:25	MTu ThF	1004 S Lake	Mr. Atkins
415-4	Aphasia	1	7:00-8:00	MTuWThF	L Grassy Camp No. 2	Mr. Anders
**419-4	Communication Problems of the Deaf and Hard of Hearing	1	11:00-12:00	MTu ThF	L Grassy Camp No. 2	Mr. Brutte
**428-4	Speech Correction for Classroom Teachers	1	1:10-2:25	MTu ThF	Bar I 102	Mr. Grego
515-1-4	Readings in Speech Pathology	1	To be arranged		1020 S Lake	Mr. Hoshi
516-1-4	Seminar in Residual Hearing	1	To be arranged		1004 S Lake	Mr. Atkins
521-1-4	Seminar in Articulation and Delayed Speech	1	To be arranged		1020 S Lake	St
530-1-4	Research Problems	1	To be arranged		1020 S Lake	St
533-1-4	Seminar in Speech Science	1	2:35-3:50	MTu Th	1020 S Lake	Mr. Hoshi
599-2-9	Thesis	1	To be arranged		1020 S Lake	St
600-1-12	Dissertation	1	To be arranged		1020 S Lake	St
* Cross-listed with Speech.						
** Cross-listed with Special Education.						
<b>THEATER (THEA)</b>						
322-12	Theater Practicum	1	To be arranged		Playhouse	St
430-4	Advanced Technical Problems	1	10:20-11:35	MTuWTh	Playhouse	Mr. Zoec
519-12	Theater Practicum	1	To be arranged		Playhouse	St
530-1-4	Research Problems	1	To be arranged		Playhouse	St
599-1-9	Thesis	1	To be arranged		Playhouse	St

Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>ZOOLOGY (ZOOL)</b>						
100-5	Principles of Animal Biology	1	8:55-10:10	M W F	LS 133	Mr. Foote
100A-0	Zoology Laboratory	1	8:55-11:35	Tu Th	LS 132	Staff
100A-0	Zoology Laboratory	2	8:55-11:35	Tu Th	LS 130	Staff
100A-0	Zoology Laboratory	3	1:10-3:50	M W	LS 132	Staff
100A-0	Zoology Laboratory	4	1:10-3:50	M W	LS 130	Staff
312-3	Conservation of Biological Resources	1	7:30-8:45	M W F	LS 205	Mr. Klimstra
322-2-5	Problems in Zoology	1	To be arranged			Staff
350-4	Economic Zoology	1	8:55-10:10	MTuWTh	LS 205	Miss Stein
402-4	Natural History of Invertebrates (National Science Foundation)	1	2:35-3:50 1:10-3:50	M W Tu Th	LS 205 LS 213	Mr. Garioian Mr. Garioian
403-4	Natural History of Vertebrates (National Science Foundation)	1	7:30-8:45 7:30-10:10	Tu Th M W	LS 205 LS 204	Mr. Gersbacher Mr. Gersbacher
403-4	Natural History of Vertebrates (National Science Foundation)	2	7:30-8:45 1:10-3:50	Tu Th M W	LS 205 LS 204	Mr. Gersbacher Staff
404-4-8	Zoology Field Studies	1	To be arranged			Mr. Stains
407-5	Parasitology (Same as Micro. 409)	1	8:55-10:10 7:30-10:10	Tu Th M W F	LS 208 LS 213	Mr. Garioian Mr. Garioian
501-4	Animal Biology for High School Teachers of Biology (National Science Foundation)	1	10:20-11:35 8:55-11:35	M W Tu Th	LS 205 LS 213	Mr. Foote Mr. Foote
502-2	Recent Development in Biological Sciences (Same as Bot. 502-2)	1	1:10-2:25	W F	LS 205	Staff
510-4	Bioecology (Same as Bot. 510)	1	10:20-11:35 10:20-3:50	M W F	LS 208 LS 209	Mr. Gersbacher Mr. Gersbacher
96-3-12	Special Research in Zoology	1	To be arranged			Staff
99-2-9	Master's Research and Thesis	1	To be arranged			Staff
00-3-12	Doctoral Research and Dissertation	1	To be arranged			Staff
<b>VOCATIONAL-TECHNICAL INSTITUTE (VTI)</b>						
01B-7	Accounting I	1	7:30-10:10	MTuWThF	C-14	Mr. Cundiff
26B-3	Fundamentals of Business	1	1:10-2:25	M W F	C-14	Mr. Cundiff
27B-5	Office Supervision and Administration	1	7:30-8:45	MTuWThF	C-5	Mr. Hill
04C-12	Cosmetology Laboratory IV	1	7:30-1:00	MTuWThF	C-1	Miss Mathis
01D-2-7	Machine Drafting and Design I	1	10:20-2:35	MTuWThF	Apt Lab	Mr. Muhich
46D-3	Architectural Rendering I	1	7:30-11:35	Tu Th	C-10	Mr. Lougeay
48D-3	Architectural Rendering III	1	7:30-11:35	Tu Th	C-10	Mr. Lougeay
01D-2-7	Machine Drafting and Design IV	1	10:20-2:35	MTuWThF	Apt Lab	Mr. Muhich
01D-6	Architectural Design III	1	7:30-11:35	M W F	T-7	Staff
06D-3	Architectural Rendering IV	1	7:30-11:35	Tu Th	C-10	Mr. Lougeay
00D-3	Materials and Methods of Construction II	1	7:30-11:35	Tu Th	T-5	Staff
04D-3	Structural Design of Buildings I	1	1:10-2:25	M WTh	T-6	Mr. Lougeay
01F-2-7	Industrial Woodworking I	1	7:30-11:35	MTuWTh	Wood Lab Bldg 4	Mr. Rice
5F-4	Production and Processing Methods I	1	1:10-2:25	MTuWTh	Clrm Bldg 4	Mr. Rice



Course No.	Descriptive Title	Sect. No.	Time Meets	Days	Bldg. No. Room No.	Instructor
<b>VOCATIONAL-TECHNICAL INSTITUTE (VTI) (Continued)</b>						
100G-3	English Fundamentals	1	1:10-2:25	MTuWThF	C-8	Staff
110G-3	Trigonometry	1	2:35-3:50	M W F	C-8	Staff
111G-4	Basic Physics I	1	1:10-2:25	M W	U-1	Mr. Collins
			1:10-3:50	Tu Th	U-2	Mr. Collins
203J-7	Print Shop VI	1	8:55-1:00	MTuWThF	Print Lab Bldg 2	Mr. Brown
227J-3	Print Shop Theory VI	1	7:30-8:45	M W F	Clrm Bldg 2	Mr. Brown
101K-3	Calculating Machines I	1	10:20-11:35	MTuWThF	C-9	Mr. Johnston
101M-2-7	Machine Shop I	1	7:30-11:35	MTuWThF	Mach Lab Bldg 1	Staff
175M-3	Basic Machine Shop Practice	1	1:10-2:25	MTuWThF	Mach Lab Bldg 1	Staff
201M-2-7	Machine Shop IV	1	7:30-11:35	MTuWThF	Mach Lab Bldg 1	Staff
102P-1	Nursing Practice II	1	10:00-12:00	M	V-2	Mrs. Mitchell
			2:00-4:00	TuW F	V-2	Mrs. Mitchell
			8:00-10:00	W F	V-2	Mrs. Mitchell
			1:00-3:00	Th	V-2	Mrs. Mitchell
126P-1	Nursing Theory II	1	8:00-10:00	M	V-2	Mrs. Mitchell
			2:00-3:00	M	V-2	Mrs. Mitchell
			10:00-11:00	Tu	V-2	Mrs. Mitchell
			1:00-2:00	TuW F	V-2	Mrs. Mitchell
			10:00-12:00	Th	V-2	Mrs. Mitchell
			1:00-2:00	M	V-2	Mrs. Christense
133P-1	Health II	1	8:00-9:00	Tu Th	V-2	Mrs. Christense
135P-1	Personal and Vocational Relations II	1	9:00-10:00	Tu Th	V-2	Mrs. Mitchell
			11:00-12:00	Tu	V-2	Mrs. Mitchell
201P-2	Clinical Practice I	1	To be arranged		Hospital	Mrs. Westlak and Mrs. Mitche
203P-5	Clinical Practice III	1	To be arranged		Hospital	Mrs. Westlak and Mrs. Mitche
225P-3	Related Nursing Subjects I	1	1:00-3:00	Tu Th	V-2	Mrs. Mitchell
227P-3	Related Nursing Subjects III	1	1:00-3:00	W F	V-2	Mrs. Westlak
201R-2-20	Co-operative Retail Experience	1	To be arranged			Mr. Eldo
201R-2-20	Co-operative Retail Experience	2	To be arranged			Sta
101S-3	Typewriting I	1	7:30-8:45	MTuWThF	C-4	Mr. Johnston
102S-3	Typewriting II	1	10:20-11:35	MTuWThF	C-4	Mr. Hi
107S-2	Filing	1	1:10-2:25	MTuWTh	C-15	Miss Garriso
204S-5	Shorthand Dictation I	1	7:30-8:45	MTuWThF	C-15	Miss Garriso
207S-2	Transcription I	1	8:55-10:10	MTuWThF	C-15	Miss Garriso
101T-2-7	Audio Systems	1	8:55-1:00	MTuWThF	U-6	Stu
125T-2-5	Principles of Electronics	1	7:30-8:45	MTuWThF	U-7	Stu
101W-2-7	Oxy-Acetylene Welding Shop	1	7:30-11:35	MTuWThF	Welding Lab	Mr. Griswo
125W-5	Oxy-Acetylene Welding Theory	1	1:10-2:25	MTuWThF	Clrm Bldg 4	Mr. Dallm

THE FOLLOWING ISSUES of the *Southern Illinois University Bulletin* are issued by General Publications, Southern Illinois University, and are free on request.

General Information	School of Agriculture
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1960-1961 Schedule of Classes	School of Business
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College of Education	School of Fine Arts
College of Liberal Arts and Sciences	School of Home Economics

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