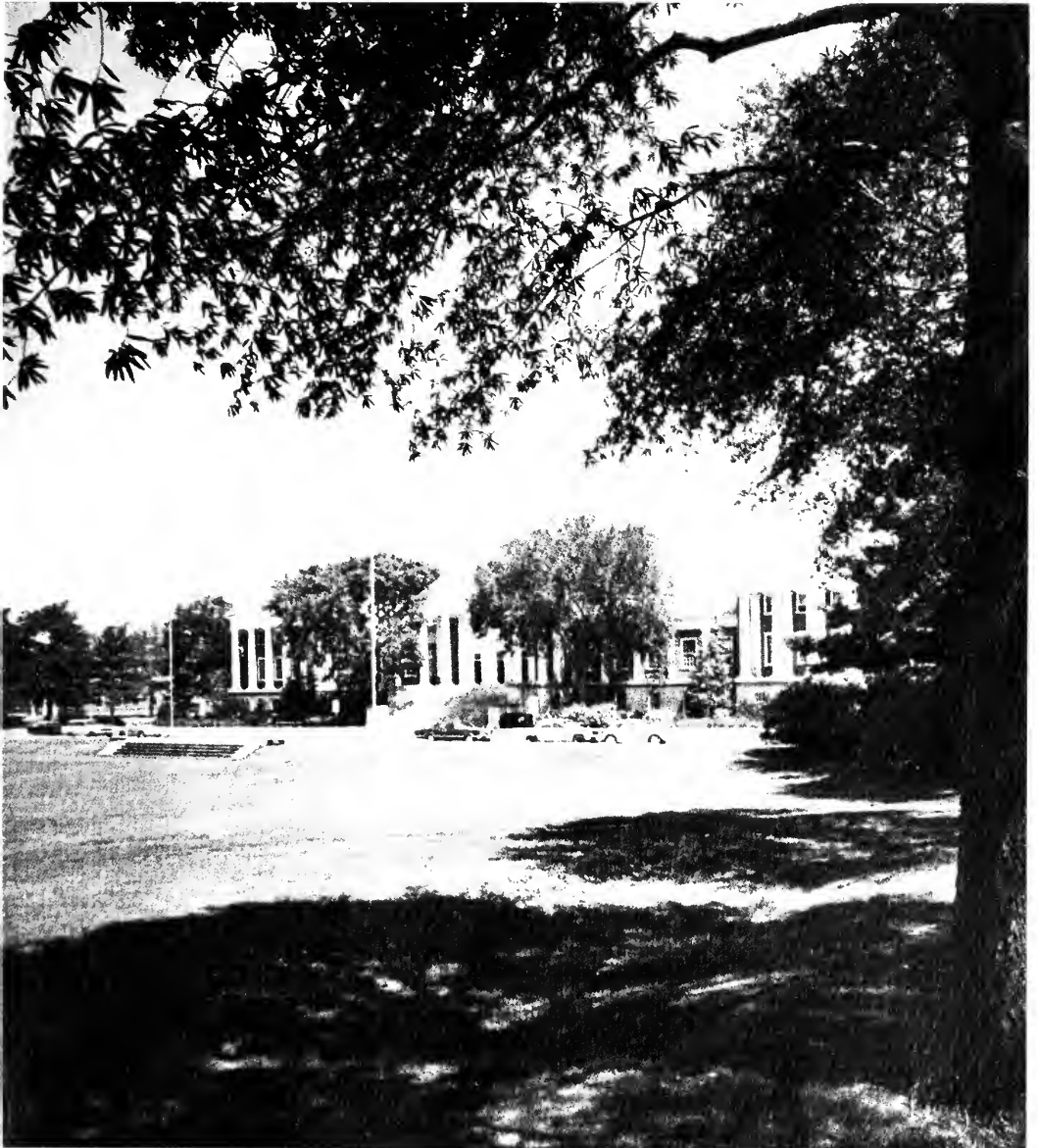


SUMMER SCHOOL

THE
UNIVERSITY
OF
MARYLAND
BULLETIN

1968



The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. The University reserves the right to change any provision or requirement at any time within the student's term of residence. The University further reserves the right, at any time, to ask a student to withdraw when it considers such action to be in the best interests of the University.

CATALOG

SUMMER
SCHOOL
1968

THE
UNIVERSITY OF MARYLAND



Volume 24

January 30, 1968

No. 13

UNIVERSITY OF MARYLAND BULLETIN is published five times in March; four times in January and June; three times in August, September, February and April; two times in December, May and July; and once in October and November. Published 33 times. Re-entered as second-class mail matter under the Act of Congress on August 24, 1912, and second class postage paid at College Park, Maryland 20742.

Contents

GENERAL

<i>University Calendar</i>	4
<i>Summer School: Admission, Registration, and Calendar</i>	6
<i>Registration Schedule</i>	7
<i>Board of Regents</i>	8
<i>Officers of the University</i>	9
<i>The Summer School</i>	17
<i>Academic Information</i>	18
Terms of Admission	18
Undergraduate and Special Students	18
Graduate Students	18
Academic Credit	19
Marking System	19
Maximum Loads	19
Summer Graduate Work	20
Candidates for Degrees	20
General Education Program	20
Advanced Placement Program	21
<i>General Information</i>	21
Registration	21
Class Periods	22
Definition of Resident and Non-Resident	22
Tuition and Fees	23
Withdrawal and Refund of Fees	24
Living Accommodations and Food Service	25
Student Health	26
Automobile Registration	26
Libraries	27
University Bookstore	27
For Additional Information	28
<i>Special Summer Activities</i>	29
Summer Lecture Series	29
Summer Festival of Fine Arts	29
Institutes and Workshops	29
<i>Campus Map</i>	36, 37

COURSE OFFERINGS

<i>Agriculture</i>	38
Agricultural Economics	38
Agricultural Engineering	38
Agricultural and Extension Education	38
Agronomy	39
Animal Science	39
Botany	39
Entomology	40
Food Science	40
Horticulture	41
<i>Arts and Sciences</i>	41
American Studies	41
Anthropology (see Sociology)	
Art	41
Astronomy (see Physics and Astronomy)	

Chemistry	43
Classical Languages and Literature	44
Comparative Literature	44
Computer Science	44
Dance	44
English	44
Foreign Languages	46
History	49
Mathematics	50
Microbiology	53
Music	53
Philosophy	55
Physics and Astronomy	56
Psychology	57
Sociology	58
Anthropology	59
Speech	59
Zoology	60
<i>Business and Public Administration</i>	61
Business Administration	61
Economics	63
Geography	64
Government and Politics	65
Journalism	66
<i>Education</i>	67
Early Childhood-Elementary Education	67
Educational Administration, Supervision and Curriculum	68
Counseling and Personnel Services	69
General Education	69
Institute for Child Study	72
Industrial Education	73
Library Science Education	75
Secondary Education	75
Music Education	76
Special Education	76
<i>Engineering</i>	77
Chemical Engineering	77
Civil Engineering	78
Electrical Engineering	78
Engineering Sciences	79
Mechanical Engineering	79
<i>School of Library and Information Services</i>	79
<i>Home Economics</i>	80
Family Life and Management	80
Food Nutrition and Institution Administration	80
General Home Economics	81
Housing and Applied Design	81
Crafts	81
Textiles and Clothing	82
<i>Physical Education, Recreation and Health</i>	82
Health Education	83
Recreation	84

University Calendar 1968-1969

SPRING SEMESTER, 1968

FEBRUARY	5-9	Monday-Friday	Spring Semester Registration
	12	Monday	Instruction begins
	22	Thursday	Washington's Birthday, holiday
APRIL	11	Thursday	After last class—Easter recess begins
	16	Tuesday	8:00 a.m.—Easter recess ends
MAY	29	Wednesday	Last Class Meetings
	30	Thursday	Memorial Day, holiday
	31-June 7	Friday-Friday	Spring Semester Examinations
JUNE	8	Saturday	Commencement Exercises

SUMMER SCHOOL, 1968

JUNE	24-25	Monday-Tuesday	Summer School Registration
	26	Wednesday	Instruction begins
JULY	4	Thursday	Independence Day, holiday
	6	Saturday	Classes (Thursday schedule)
AUGUST	16	Friday	Summer School ends

SHORT COURSES, 1968

JUNE	17-21	Monday-Friday	College Week for Women
AUGUST	5-9	Monday-Friday	4-H Club Week
SEPTEMBER	3-6	Tuesday-Friday	Firemen's Short Course

FALL SEMESTER, 1968

SEPTEMBER	9-13	Monday-Friday	Fall Registration
	16	Monday	Instruction begins
NOVEMBER	27	Wednesday	After last class—Thanksgiving recess begins
DECEMBER	2	Monday	8:00 a.m.—Thanksgiving recess ends
	20	Friday	After last class—Christmas recess begins

1969

JANUARY	6	Monday	8:00 a.m.—Christmas recess ends
	15	Wednesday	After last class—end of instruction
	17-24	Friday-Friday	Fall Semester Examinations

SPRING SEMESTER, 1969

FEBRUARY	3-7	Monday-Friday	Spring Registration
	10	Monday	Instruction begins
	22	Saturday	Washington's Birthday, holiday— No classes
APRIL	3	Thursday	After last class—Spring recess begins
	8	Tuesday	8:00 a.m.—Spring recess ends
MAY	27	Tuesday	After last class—end of instruction
	29-June 6	Thursday-Friday	Spring Semester Examinations
	30	Friday	Memorial Day, holiday— No examinations
JUNE	7	Saturday	Commencement

SUMMER SCHOOL, 1969

JUNE	23-24	Monday-Tuesday	Summer Registration
	25	Wednesday	Instruction begins
JULY 4		Friday	Independence Day, holiday— No classes
AUGUST	15	Friday	Summer Session ends

SHORT COURSES, 1969

JUNE	16-20	Monday-Friday	College Week for Women
	23-25	Monday-Wednesday	State Vocational Agriculture Teachers Conference
AUGUST	5-8	Tuesday-Friday	Maryland 4-H Conference
SEPTEMBER	2-5	Tuesday-Friday	Fireman's Short Course

ADMISSION

1. Students who were registered with the University during the preceding semester need only to appear for registration at the time indicated on page 7.
2. All *new undergraduate* and *special* students must file an application with the Admissions office by June 1, 1968 and must have been admitted to the University before registering for classes.
3. All *new graduate* students must file an application and all supporting records with the office of the Vice President for Graduate Studies and Research by May 15, 1968 and must have been admitted to the University before registering for classes.

REGISTRATION

1. All students report to the Preinkert Field House according to the alphabetical schedule on page 7 of this catalog.
2. After securing registration materials at the Preinkert Field House, students report to their adviser and/or dean. Approval of student's program must be secured from both the adviser and dean. *Graduate students in the College of Education must secure the approval of the Dean of the College of Education as well as the Vice President for Graduate Studies and Research.*
3. After their programs are approved, students report to the Armory where registration is completed.

SUMMER SCHOOL CALENDAR, 1968

Summer School, 1968

Monday-Tuesday	June 24-25	Registration, Summer Session
Wednesday	June 26	Instruction begins for courses on daily schedule
Thursday	June 27	Instruction begins for courses on M.T.Th.F. schedule
Thursday	July 4	Independence Day Holiday
Saturday	July 6	Classes (Thursday Schedule)
Friday	August 2	Six week courses end
Friday	August 16	Eight week courses end

Short Courses

June 17-22	Monday-Saturday	College Week for Women
August 5-9	Monday-Friday	4-H Club Week
September 3-6	Tuesday-Friday	Firemen's Short Course

REGISTRATION SCHEDULE

SUMMER SCHOOL 1968

MONDAY AND TUESDAY

JUNE 24 AND 25, 1968

To expedite registration, students have been grouped on the basis of the first letters of the last name. No student will be permitted into Preinkert Field House until the appropriate time, as listed below.

	<i>Monday</i>	<i>Tuesday</i>
8:15	LJ-MA	BM-BT
8:40	MB-MN	BU-CH
9:05	MO-NI	CI-CO
9:30	NJ-PH	CP-DN
9:55	PI-RE	DO-EZ
10:20	RF-RZ	FA-FZ
10:45	SA-SGL	GA-GRL
11:10	SGM-SS	GRM-HD
11:30	ST-TD	HE-HR
1:00	TE-V	HS-J
1:25	WA-WH	KA-KR
1:50	WI-Y	KS-LI
2:15	Z-BAL	
2:40	BAM-BL	

Preinkert Field House, Packet Distribution—Monday 8:15 to 3:45 only
Tuesday 8:15 to 3:00 only

Armory, Registration Processing—8:30 to 4:45 only

Since Social Security Numbers are now used to identify registration materials and student records, it is essential that each student bring his Social Security Card or Number with him for ready reference.

Board of Regents and Maryland State Board of Agriculture

CHAIRMAN

CHARLES P. McCORMICK
McCormick and Company, Inc., 414 Light Street, Baltimore 21202

VICE CHAIRMAN

EDWARD F. HOLTER
Route 5, Frederick 21701

SECRETARY

B. HERBERT BROWN
The Baltimore Institute, 10 West Chase Street, Baltimore 21201

TREASURER

HARRY H. NUTTLE
Denton 21629

ASSISTANT SECRETARY

DR. LOUIS L. KAPLAN
Baltimore Hebrew College, 5800 Park Heights Avenue, Baltimore 21215

ASSISTANT TREASURER

RICHARD W. CASE
Smith, Somerville and Case, One Charles Center, 17th Floor, Baltimore 21201

HARRY A. BOSWELL, JR.
Harry Boswell Associates, 6505 Belcrest Road, Hyattsville 20782

WILLIAM B. LONG, M.D.
Medical Center, Salisbury 21801

MRS. GERALD D. MORGAN
Route 3, Gaithersburg 20760

GEORGE B. NEWMAN
The Kelly-Springfield Tire Company, Box 300, Cumberland 21502

DR. THOMAS B. SYMONS
7410 Columbia Avenue, College Park 20740

Officers of The University

Central Administrative Officers

PRESIDENT

Wilson H. Elkins—*B.A., University of Texas, 1932; M.A., 1932; B.Litt., Oxford University, 1936; D.Phil., 1936.*

CHANCELLOR OF THE BALTIMORE CAMPUSES

Albin O. Kuhn—*B.S., University of Maryland, 1938; M.S., 1939; Ph.D., 1948.*

VICE PRESIDENT FOR ACADEMIC AFFAIRS

R. Lee Hornbake—*B.S., California State College, Pennsylvania, 1934; M.A., Ohio State University, 1936; Ph.D., 1942.*

VICE PRESIDENT FOR ADMINISTRATIVE AFFAIRS

Walter B. Waetjen—*B.S., Millersville State College, Millersville, Pennsylvania, 1942; M.S., University of Pennsylvania, 1947; Ed.D., University of Maryland, 1951.*

VICE PRESIDENT FOR GRADUATE STUDIES AND RESEARCH

Michael J. Pelczar, Jr.—*B.S., University of Maryland, 1936; M.S., 1938; Ph.D., State University of Iowa, 1941.*

VICE PRESIDENT FOR AGRICULTURAL AFFAIRS

Frank L. Bentz, Jr.—*B.S., University of Maryland, 1942; Ph.D., 1952.*

ASSISTANT TO THE PRESIDENT

Edmund C. Mester—*B.A., University of Maryland, 1948; M.A., 1949.*

ASSISTANT TO THE PRESIDENT FOR UNIVERSITY RELATIONS

Robert A. Beach, Jr.—*A.B., Baldwin-Wallace College, 1950; M.S., Boston University, 1954.*

Emeriti

PRESIDENT EMERITUS

Harry C. Byrd—*B.S., University of Maryland, 1908; LL.D., Washington College, 1936; LL.D., Dickinson College, 1938; D.Sc., Western Maryland College, 1938.*

DEAN OF WOMEN EMERITA

Adele H. Stamp—*B.A., Tulane University, 1921; M.A., University of Maryland, 1924.*

DEAN OF MEN EMERITUS

Geary F. Eppley—*B.S., University of Maryland, 1920; M.S., 1926.*

Deans and Principal Academic Officers

DEANS

COLLEGE OF AGRICULTURE

Gordon M. Cairns—*B.S., Cornell University, 1936; M.S., 1938; Ph.D., 1940.*

SCHOOL OF ARCHITECTURE

John William Hill—*B.A., Rice University, 1951; B. Arch., 1952; M. Arch., University of Pennsylvania, 1959.*

COLLEGE OF ARTS AND SCIENCES

Charles Manning—*B.S., Tufts College, 1929; M.A., Harvard University, 1931; Ph.D., University of North Carolina, 1950.*

COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION

Donald W. O'Connell—*B.A., Columbia University, 1937; M.A., 1938; Ph.D., 1953.*

SCHOOL OF DENTISTRY

John J. Salley—*D.D.S., Medical College of Virginia, 1951; Ph.D., University of Rochester School of Medicine and Dentistry, 1954.*

COLLEGE OF EDUCATION

Vernon E. Anderson—*B.S., University of Minnesota, 1930; M.A., 1936; Ph.D., University of Colorado, 1942.*

COLLEGE OF ENGINEERING

Robert B. Beckmann—*B.S., University of Illinois, 1940; Ph.D., University of Wisconsin, 1944.*

COLLEGE OF HOME ECONOMICS

Marjory Brooks—*B.S., Mississippi State College, 1943; M.S., University of Idaho, 1951; Ph.D., Ohio State University, 1963.*

SCHOOL OF LAW

William P. Cunningham—*A.B., Harvard College, 1944; LL.B., Harvard Law School, 1948.*

SCHOOL OF LIBRARY AND INFORMATION SERVICES

Paul Wasserman—*B.B.A., College of the City of New York, 1948; M.S. (L.S.), Columbia University, 1949; M.S. (Economics) Columbia University, 1950; Ph.D., University of Michigan, 1960.*

SCHOOL OF MEDICINE AND DIRECTOR OF MEDICAL EDUCATION AND RESEARCH

William S. Stone—*B.S., University of Idaho, 1924; M.S., 1925; M.D., University of Louisville, 1929; Ph.D., (Hon.), University of Louisville, 1946.*

SCHOOL OF NURSING

Marion I. Murphy—*B.S., University of Minnesota, 1936; M.P.H., University of Michigan, 1946; Ph.D., 1959.*

SCHOOL OF PHARMACY

Noel E. Foss—*Ph.C., South Dakota State College, 1929; B.S., 1929; M.S., University of Maryland, 1932; Ph.D., 1933.*

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

Lester M. Fraley—*B.A., Randolph-Macon College, 1928; M.A., 1937; Ph.D., Peabody College, 1939.*

SCHOOL OF SOCIAL WORK

Daniel Thursz—*B.A., Queens College, 1948; M.S.W., Catholic University, 1955; D.S.W., 1959.*

UNIVERSITY COLLEGE

Ray W. Ehrensberger—*B.A., Wabash College, 1929; M.A., Butler University, 1930; Ph.D., Syracuse University, 1937.*

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY—DEAN OF FACULTY

Homer W. Schamp, Jr.—*A.B., Miami University, 1944; M.Sc., University of Michigan 1947; Ph.D., 1952.*

DIRECTORS OF EDUCATIONAL SERVICES AND PROGRAMS

DIRECTOR, AGRICULTURE EXPERIMENT STATION

Irvin C. Haut—*B.S., University of Idaho, 1928; M.S., State College of Washington, 1930; Ph.D., University of Maryland, 1933.*

HEAD, DEPARTMENT OF AIR SCIENCE

Alfred J. Hanlon, Jr.—*A.B., Harvard University, 1939; M.S. Georgetown University, 1966.*

DIRECTOR, COMPUTER SCIENCE CENTER

William F. Atchison—*A.B., Georgetown College, 1938; M.A., University of Kentucky, 1940; Ph.D., University of Illinois, 1943.*

DIRECTOR, COOPERATIVE EXTENSION SERVICE

Robert E. Wagner—*B.S., Kansas University, 1942; M.S., University of Wisconsin, 1943; Ph.D., 1950.*

DIRECTOR, GENERAL EDUCATION PROGRAM

Gayle S. Smith—*B.S., Iowa State College, 1948; M.A., Cornell University, 1951; Ph.D., 1958.*

DIRECTOR, INSTITUTE FOR CHILD STUDY

H. Gerthorn Morgan—*B.A., Furman University, 1940; M.A., University of Chicago, 1943; Ph.D., 1946.*

DIRECTOR, INSTITUTE FOR MOLECULAR PHYSICS

Joseph T. Vanderslice—*B.S., Boston College, 1949; Ph.D., Massachusetts Institute of Technology, 1952.*

DIRECTOR, INSTITUTE FOR FLUID DYNAMICS AND APPLIED
MATHEMATICS

Monroe H. Martin—*B.S., Lebanon Valley College, 1928; Ph.D., Johns Hopkins, 1932.*

DIRECTOR OF LIBRARIES

Howard Rovelstad—*B.A., University of Illinois, 1936; M.A., 1937; B.S.L.S., Columbia University, 1940.*

DIRECTOR, NATURAL RESOURCES INSTITUTE

L. Eugene Cronin—*A.B., Western Maryland College, 1938; M.S., University of Maryland, 1943; Ph.D., 1946.*

DIRECTOR, THE PSYCHIATRIC INSTITUTE

Eugene B. Brody—*A.B., M.A., University of Missouri, 1941; M.D., Harvard University, 1944.*

DIRECTOR, SUMMER SCHOOL

Clodus R. Smith—*B.S., Oklahoma State University, 1950; M.S., 1955; Ed.D., Cornell University, 1960.*

DIRECTOR, PROFESSIONAL AND SUPPORTING SERVICES, UNIVERSITY
HOSPITAL

George H. Yeager—*B.S., University of West Virginia, 1925; M.D., University of Maryland, 1929.*

General Administrative Officers

ADMINISTRATIVE DIRECTOR, OFFICE OF STUDENT LIFE

Francis A. Gray, Jr.—*B.S., University of Maryland, 1943.*

ASSISTANT FOR FACILITIES PLANNING

Robert E. Kendig—*A.B., College of William and Mary, 1939; M.A., George Washington University, 1965.*

ASSOCIATE DIRECTOR OF ENDOWMENT AND GIFTS

Richard D. Wagner—*B.S., Bradley University, 1960; M.P.A., University of Pittsburgh, 1962; Ph.D., 1967.*

COMPTROLLER AND BUDGET OFFICER

Harry D. Fisher—*B.S., University of Maryland, 1943; C.P.A., 1948.*

DIRECTOR, ADMISSIONS AND REGISTRATIONS

G. Watson Algire—*B.A., University of Maryland, 1930; M.S., 1931.*

DIRECTOR, ALUMNI AFFAIRS

J. Logan Schutz—*B.S., University of Maryland, 1938; M.S., 1940.*

DIRECTOR, ATHLETICS

William W. Cobey—*A.B., University of Maryland, 1930.*

DIRECTOR, FINANCE AND BUSINESS

C. Wilbur Cissel—*B.A., University of Maryland, 1932; M.A., 1934; C.P.A., 1939.*

DIRECTOR, PERSONNEL

George W. Fogg—*B.A., University of Maryland, 1926; M.A., 1928.*

DIRECTOR, PROCUREMENT AND SUPPLY

Clayton R. Plummer—*B.S., University of New Hampshire, 1936; M.Ed., Springfield College, 1940.*

DIRECTOR, SERVICE AND CONTROL PROGRAMS, STATE BOARD OF AGRICULTURE

Charles P. Ellington—*B.S., University of Georgia, 1950; M.S., University of Maryland, 1952; Ph.D., Pennsylvania State University, 1964.*

DIRECTOR AND SUPERVISING ENGINEER, DEPARTMENT OF PHYSICAL PLANT

George O. Weber—*B.S., University of Maryland, 1933.*

ASSOCIATE DIRECTOR AND SUPERVISING ENGINEER, PHYSICAL PLANT (Baltimore)

George W. Morrison—*B.S., University of Maryland, 1927; E.E., 1931.*

REGISTRAR AND ASSOCIATE DIRECTOR OF REGISTRATIONS

James P. Hill—*B.S., Temple University, 1939; Ed.M., 1947; Ed.D., University of Michigan, 1963.*

DIRECTORS OF BUREAUS AND SPECIAL SERVICES

DIRECTOR, BUREAU OF BUSINESS AND ECONOMIC RESEARCH

John W. Dorsey—*B.S., University of Maryland, 1958; Certf., London School of Economics, 1959; M.A., Harvard University, 1962; Ph.D., 1964.*

DIRECTOR, BUREAU OF GOVERNMENTAL RESEARCH

Franklin L. Burdette—*A.B., Marshall College, 1934; M.A., University of Nebraska, 1935; M.A., Princeton University, 1937; Ph.D., 1938; LL.D., Marshall College, 1959.*

DIRECTOR, CENTER OF MATERIALS RESEARCH

Ellis R. Lippincott—*B.A., Earlham College, 1943; M.A., The Johns Hopkins University, 1944; Ph.D., 1947.*

DIRECTOR, FIRE SERVICE EXTENSION

Joseph R. Bachtler—*B.S., University of Southern California, 1956.*

DIRECTOR, LIVESTOCK SANITARY SERVICE

Thomas Alvin Ladson—*V.M.D., University of Pennsylvania, 1939.*

DIRECTOR, MARYLAND TECHNICAL ADVISORY SERVICE

Daniel R. Thompson—*B.A., Queens College, 1950; LL.B., Georgetown University, 1960.*

DIRECTOR, OFFICE OF STUDENT AID

H. Palmer Hopkins—*B.S., Oklahoma State University, 1936; Ed.M., University of Maryland, 1948; Ed.D., George Washington University, 1962.*

DIRECTOR, STUDENT HOUSING

Miss Margaret C. Lloyd—*B.S., University of Georgia, 1932; M.Ed., University of Maryland, 1961.*

DIRECTOR, UNIVERSITY FOOD SERVICE

Robert J. Spence

DIRECTOR, WIND TUNNEL

Donald S. Gross—*B.S., University of Maryland, 1947.*

DIRECTOR, HEALTH SERVICES

Lester M. Dyke—*B.S., M.D., University of Iowa, 1926; M.A., Oxon University, 1945.*

DIRECTOR, COUNSELING CENTER

Thomas Magoon—*B.A., Dartmouth College, 1947; M.A., University of Minnesota, 1951; Ph.D., 1954.*

Committees

STANDING COMMITTEES, FACULTY SENATE

EDUCATIONAL POLICY, GENERAL COMMITTEE ON
STUDENT LIFE, WELFARE, RIGHTS AND RESPONSIBILITIES, GENERAL
COMMITTEE ON
ADMISSIONS AND SCHOLASTIC STANDING
INSTRUCTIONAL PROCEDURES
SCHEDULING AND REGISTRATION
PROGRAMS, CURRICULA AND COURSES
FACULTY RESEARCH
PUBLIC FUNCTIONS AND COMMENCEMENTS
LIBRARIES
UNIVERSITY PUBLICATIONS
INTERCOLLEGIATE COMPETITION
PROFESSIONAL ETHICS, ACADEMIC FREEDOM AND TENURE
APPOINTMENTS, PROMOTIONS AND SALARIES
FACULTY LIFE AND WELFARE
MEMBERSHIP AND REPRESENTATION
COUNSELING OF STUDENTS
BALTIMORE CITY CAMPUS AFFAIRS

ADJUNCT COMMITTEE

BALTIMORE CITY CAMPUS STUDENT AFFAIRS

THE FUTURE OF THE UNIVERSITY

ADJUNCT COMMITTEES OF THE GENERAL COMMITTEE ON STUDENT LIFE, WELFARE, RIGHTS AND RESPONSIBILITIES

STUDENT ACTIVITIES
FINANCIAL AIDS AND SELF-HELP
STUDENT PUBLICATIONS AND COMMUNICATIONS
RELIGIOUS LIFE
STUDENT HEALTH AND SAFETY
STUDENT DISCIPLINE



CLODUS R. SMITH, B.S., M.S., Ed.D.
Director of The Summer School

The Summer School

CLODUS R. SMITH, *Associate Professor of Agricultural and Extension Education and Director of the Summer School*

B.S., Oklahoma State University, 1950; M.S., 1955; Ed.D., Cornell University, 1960.

SHEROD M. COOPER, JR., *Associate Professor of English and Assistant Director of the Summer School*

B.S., Temple University, 1951; M.A., 1953; Ph.D., University of Pennsylvania, 1963.

JOHN W. CHURCHILL, *Assistant Professor of Recreation and Director of the Summer School Recreation Program*

B.S., State University of New York, Cortland, 1958; M.S., University of Illinois, 1959.

The Summer School of the University of Maryland at College Park is a significant part of the University's academic program. Through its summer program, which includes each college on the College Park campus, the University makes its resources available to students who wish to accelerate their studies or add to their general knowledge.

The extensive and varied course offerings, lectures, special institutes, and workshops are planned jointly by the Department Heads, Deans, and the Director of the Summer School. The courses offered are regular University courses taught by members of the faculty or visiting lecturers of outstanding ability.

A Recreation and Social Activities Committee, working with the Director of Summer Recreation, has planned a varied program of activities.

The Summer School
224 North Administration Building
University of Maryland
College Park, Maryland
20742
(301) 454-3347/8

Academic Information

Terms of Admission

All Summer School students new to the University must be officially admitted. This applies to all non-degree as well as degree candidates.

Undergraduate and Special Students

A student seeking a bachelor's degree in any undergraduate college, who has not been previously admitted to the University, must file application with the Director of Admissions *not later than June 1, 1968*.

A student who already has a bachelor's degree and who either does not wish graduate credit or does not meet requirements for admission to the Graduate School may be admitted as a Special Student to the undergraduate college consistent with his major interests. He should be admitted to the University through the Director of Admissions *no later than June 1, 1968*. Credit so obtained through the College of Education is ordinarily accepted for renewal of teaching certificate. A Special Student may not take courses numbered 200 or above.

Graduate Students

Application for admission to the Graduate School, and all supporting academic records, must be in the office of the Vice President for Graduate Studies and Research *by May 15, 1968*.

TRANSFER CREDIT: TO ANOTHER INSTITUTION. The student who wishes to transfer credit to another institution should submit an application on which he writes "For Transfer Only." With the application he should submit a letter from the graduate dean of the institution in which he is enrolled as a degree student to the Vice President for Graduate Studies and Research, University of Maryland, permitting him to take course work during the summer at the University.

TRANSFER CREDIT: TO THE UNIVERSITY OF MARYLAND. Credit not to exceed six semester hours for course work at other recognized institutions may be applied towards the master's degree but only when such course work has been taken after the student has been admitted to the University of Maryland Graduate School. Before taking course work for transfer, the student must have the approval of his adviser, the head of his major department, and the Vice President for Graduate Studies and Research. Normally, approval may be given only for courses which are not offered by the University of Maryland during the period of the student's attendance. The request for transfer of credit shall be submitted to the Graduate Council for approval when the student applies for admission to candidacy. The candidate is subject to final examination by this institution in all work offered for the degree.

SPECIAL NON-DEGREE CREDIT. The student who already has a master's degree and does not wish to pursue a doctoral program may submit an application marked "Non-Degree" and with it an official transcript of all previous undergraduate and graduate study. If the student later desires to embark on a doctoral program, the credit earned in Special Non-Degree status may, at the discretion of the major adviser, be used in a doctoral program.

DEGREE CREDIT. The student who wishes to pursue either a master's or doctoral program must submit with his application official transcripts of all work taken in institutions of higher education. The applicant is subject to admission requirements of the Graduate School and of the department in which he hopes to pursue his graduate work.

Academic Credit

The semester hour is the unit of credit. During the summer session a course meeting five times a week for six weeks or four times a week for eight weeks, each requiring the normal amount of outside work, is given a weight of three semester hours. Each class period is 80 minutes in length.

Students who are matriculated as candidates for degrees will be given credit toward the appropriate degree for satisfactory completion of courses. All courses offered in the Summer School are applicable toward the appropriate degree provided they are included in the student's program as planned with his adviser.

All students will receive an official grade report specifying the amount and quality of work completed.

Marking System

The following symbols are used for marks: A, B, C, and D—passing; F—Failure; I—Incomplete. Mark A denotes superior scholarship; B, good scholarship; C, fair scholarship; and D, passing scholarship. The mark of "I" (incomplete) is exceptional. Complete regulations governing marks are printed in the University's *General and Academic Regulations*.

Maximum Load

Students may earn credit at the discretion of their respective advisers in accordance with the following guide lines:

UNDERGRADUATES

Students enrolled only in courses of eight-week duration may earn eight to ten credits.

Students enrolled only in courses of six-week duration may earn six to eight credits.

Students enrolled in combinations of six- and eight-week courses may earn seven to nine credits.

GRADUATE

Students enrolled exclusively in courses of eight-week duration may earn a maximum of eight credits.

Students enrolled in courses of six-week duration may earn a maximum of six credits.

Students enrolled in combination of six- and eight-week courses may earn a maximum of seven credits.

Summer Graduate Work

Appropriate courses offered by the Summer School may be counted toward the various doctoral and master's degree programs. A full year of residence or the equivalent is the minimum requirement for each degree. The bulletin of the Graduate School contains a full description of the degrees offered and the requirements.

For graduate students pursuing doctoral work, the Summer School provides French 0 and German 0 to help them prepare for the Fall foreign language examinations. Please contact the Graduate School for the exact dates for application and examination.

Special regulations governing graduate work in Education and supplementing the statements contained in the Graduate School Announcements may be obtained from the College of Education. Students seeking the master's degree as a qualification for a certificate issued by the Maryland State Department of Education or any other certifying agency should consult the appropriate bulletin for specific requirements.

All students desiring graduate credit, whether for meeting degree requirements, for transfer to another institution, or for any other purpose, must be regularly matriculated and registered in the Graduate School.

Candidates for Degrees

All students who expect to complete requirements for degrees during the summer session should make application for diplomas at the Office of the Registrar during the first three weeks of the summer session.

General Education Program

The University has instituted a new series of related course requirements which together constitute a general education program.

Essentially, this program includes nine semester-hour credits of English (three credits of composition, six of literature); six credits in history (three credits in U. S. history and three in non-U. S. history); six credits chosen from various fields of the social sciences; seven credits in science; three credits in mathematics;

three credits in fine arts or in philosophy. Two semesters of physical education and a course in health education are required of all undergraduates.

Specific courses which may be used to satisfy these general education requirements are administered by four of the campus colleges; the various offerings are coordinated by a Director of the General Education Program for the University. Greater detail will be found in the publication, *General and Academic Regulations*.

Advanced Placement Program

Students entering the University from secondary school may obtain advanced placement and college credit on the basis of their performance in the College Board Advanced Placement examinations. These examinations are normally given to eligible high school seniors during the May preceding matriculation in college.

Questions about the program may be addressed to the Director of Admissions and Registrations, College Deans, or the Director of General Education. Additional information is presented in the publication *An Adventure in Learning*. For detailed information about examinations and procedures in taking them, write to the Director of Advanced Placement Program, College Entrance Examination Board, 475 Riverside Drive, New York, New York 10027.

General Information

Registration

Every student planning to register for one or more courses must be admitted to the University, regardless of his desire to become a degree or non-degree student. See information on page 18 on Admissions.

Day division students currently enrolled in the University as undergraduates or graduates who are presently, and at the conclusion of the Spring 1968 Semester, in good academic standing may register for the summer session without further application. All new graduate students must obtain admission to the University from the Graduate School before registration.

Registration for *all* undergraduate and graduate day division students will take place in accordance with the Registration Schedule printed on page 7 of this catalog. No student will be permitted to begin registration before the time listed in the Registration Schedule. Registration materials will be distributed in Preinkert Field House according to the alphabetical schedule on Page 7 of this catalog. *All students must secure registration materials at the Preinkert Field House before going to deans or advisers. Registration materials are not available from offices of deans or advisers. Since Social Security numbers are now used to identify registration materials and student records, it is essential that each student bring his social security card or number with him for ready references.* Registration cards must be approved by both the student's

adviser and dean. Graduate students must secure the approval of the Vice President for Graduates Studies and Research. Graduate students in *The College of Education* must secure the approval of the Dean, College of Education, as well as the Vice President for Graduate Studies and Research.

After approval, registrations are completed at the Armory where students secure section assignments, receive bills, pay fees, and submit all forms to the Registrar's representatives. *Until all completed forms are submitted to the Registrar's representatives and fees paid, registration is neither complete nor official.*

Students may register in "late registration" at the Registrar's Office on June 26. After June 26, exceptional cases may be registered only after approval of the appropriate dean. The late registration fee, charged on and after June 26, is \$20.00.

Class Periods

Classes during the 1968 summer session will meet on the following time schedule:

8:00 — 9:20
9:30 — 10:50
11:00 — 12:20
12:30 — 1:50
2:00 — 3:20
3:30 — 4:50

Weekly Class Schedule

6-week classes

2-credit courses meet 4 days as indicated in the bulletin.

3-credit courses meet daily.

4-credit courses meet daily and include multiple periods for laboratory.

8-week classes

2-credit courses meet M.W.F.

3-credit courses meet M.T.Th.F.

4-credit courses meet daily, plus laboratory time.

Definition of Resident and Non-resident Student

Students who are minors are considered to be resident students if at the time of their registration their parents have been domiciled in the State of Maryland for at least six months.

The status of the residence of a student is determined at the time of his first registration in the University and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of Maryland by maintaining such residence for at least six months. However, the right of the minor student to change from a non-resident status to resident status must be established by him prior to the registration period set for any semester or session.

Adult students are considered to be residents if at the time of their registration they have been domiciled in Maryland for at least six months, provided such residence has not been acquired while attending any school or college in Maryland or elsewhere. Time spent on active duty in the armed services while stationed in Maryland will not be considered as satisfying the six-months period referred to above except in those cases in which the adult was domiciled in Maryland for at least six months prior to his entrance into the armed service and was not enrolled in any school during that period.

The word "domicile" as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

Tuition and Fees

ALL STUDENTS

Auxiliary facilities fee	\$ 3.00
Infirmary fee (voluntary for graduate students)	1.00
Vehicle Registration Fee—Each vehicle	5.00
Recreation fee	1.00

UNDERGRADUATE STUDENTS

Tuition per credit hour	\$20.00
Nonresident fee	15.00
Per session. Must be paid by all students who are not residents of Maryland.	
Application fee	10.00

GRADUATE STUDENTS

Application or matriculation fee	10.00
Payable only once upon admission. Every student must be admitted.	

Tuition per credit hour:

Resident Student	30.00
Non-resident Student	36.00
Maryland Teacher	26.00

A Maryland teacher is defined as any full-time professional employee of the public schools of Maryland, kindergarten through the state college system, who is currently under contract.

Maryland teachers, thus defined, are eligible for the reduced graduate tuition rate during any year in which they are under contract or during the summer session immediately preceding the academic year for which a contract is held. In addition, those on official leave for the purpose of taking full-time graduate work at the University of Maryland are eligible for the teachers tuition rate while on leave.

Contract status must be established anew at each registration. This may be done by submission of a letter, or other appropriate document, provided by the Board of Education of the city or county, or principal officer of the school or college in which the teacher is employed.

Testing fee (new graduate students in Education only)	5.00
---	------

MISCELLANEOUS INFORMATION

Auditors pay the same fees as regular students.

Late registration fee, \$20.00, charged on and after June 26.

Graduate Language Examination Fee, \$10.00

A fee of \$5.00 is charged for each change in program after June 28. If such change involves entrance to a course, it must be approved by the instructor in charge of the course entered. Courses cannot be dropped after July 12. All changes must be approved by the appropriate dean and filed in the Office of the Registrar.

The graduation fee is \$10.00 for bachelor's and master's degrees, and \$50.00 for doctoral degrees. A late application fee of \$10.00 will be assessed against students who fail to apply for graduation within the first three (3) weeks of a summer session (on or before July 12). Students who apply after the end of the fourth week (after July 19) of a summer session will be required to wait for the next academic semester in order to obtain a diploma.

Students enrolled in Applied Music will be assessed a \$40.00 fee for each course taken, in addition to regular credit hour fees.

Mathematics I—Fee \$45.00 in addition to regular credit hour fees.

Service Charge for Dishonored Check\$20.00
Smaller service charges apply to checks under \$100.00

WITHDRAWAL AND REFUND OF FEES

Any student compelled to leave the University at any time during the summer session must secure the Application for Withdrawal form from the office of his dean and file it in the Office of the Registrar, bearing the proper signatures. If this is not done, the student will not be entitled, as a matter of course, to a certificate of honorable dismissal, and will forfeit his right to any refunds to which he would otherwise be entitled. The date used in computing refunds is the date the Application for Withdrawal is filed in the Office of the Registrar. In the case of a minor, official withdrawal will be permitted only with the written consent of the student's parent or guardian.

With the exception of board charges and the matriculation fee, students withdrawing from the University will receive a refund of all charges in accordance with the following schedule:

<i>Period From Date Instruction Begins</i>	<i>Percentage Refundable</i>
One week or less	70%
Between one and two weeks	50%
Between two and three weeks	20%
After three weeks	0

All students will be given a 70% refund of Credit Hour Fees for courses dropped after the close of the official registration period but before the end of the third day of classes.

Living Accommodations and Food Service

Residence Hall accommodations are available only to students who are enrolled in the Summer School or authorized workshops and conferences. When students terminate their academic association with the University, they also terminate their room contract. Listings of off campus rooms, apartments, and houses are available in the Off Campus Housing Office, North Administration Building.

The facilities of the residence halls typically include study rooms, lounges, recreation centers, laundry equipment, and public telephones. The typical student room is for double occupancy and is furnished with beds, chests, desks, and chairs. Residents supply other essential items such as study lamp, waste basket, laundry bag, pillow, linen, and other accessories. The Gordon-Davis Linen Supply Company, 1620 North 11th Street, Philadelphia, Pennsylvania 19122, is authorized to offer all resident students a complete weekly linen rental service. Additional information may be obtained from the company, or arrangements for linen service can be made after arrival.

All students are held responsible for compliance with University regulations.

Housing accommodations are available at the following costs, on the basis indicated:

<i>Regular Residence Halls</i>	<i>Double Occupancy</i>	<i>Single Occupancy</i>
Six week session	\$60.00	\$ 84.00
Eight week session	80.00	112.00

Weekly rates of \$10.00 for double room and \$14.00 for single room will be charged to students enrolled in workshops and other special courses of less than six weeks' duration.

No room deposit is required for the summer session; however, the full applicable room charge is payable at registration. *No refunds of room charges will be made after the third week of classes.*

Early application for a reservation is advisable. Only those who have made reservations can be assured that rooms are available for occupancy upon their arrival. To make application for campus residence, please complete, sign and return the Room Application Card found in this bulletin. The student must indicate (1) exact dates and number of weeks of attendance, (2) his classification (e.g., graduate, undergraduate, Human Development Workshop, Pre-College Summer Session); (3) type of room desired; (4) and whether he wishes to eat in a University dining hall and pay for his meals at registration. It is impossible to honor all room assignment requests. Since most of the rooms in the residence halls are double rooms, there is no guarantee that a request for a single room can be granted. *Only a limited number of single rooms are available* and these are assigned on a first come, first served basis. *Applicants will be notified by mail after June 1 of the time and place to claim their rooms.* Do not call or write prior to this date. The applicant must claim his room by noon on Wednesday, June 26. Otherwise the room reservation will be cancelled.

The University residence halls will open for occupancy at 2:00 p.m., Sunday, June 23. Room assignment is for the summer session only. Students will be expected to move out of the residence halls as soon as possible after the last class on Friday, August 2, 1968 (six week session) and August 16, 1968 (eight week session), but not later than 12:00 noon the Saturday after their session ends. Residence hall assignments for the summer in no way affect housing assignments for the following academic year. If a student is to be a full-time undergraduate during the regular academic year and desires campus residence, he will be required to apply for a residence hall space in the regular way by submitting a Housing Application form in accordance with instructions outlined in the *Residence Halls* booklet.

The following steps are suggested for shipping baggage: (1) address to: Central Receiving, University of Maryland, College Park, Maryland 20742, (2) be sure all postage, shipping, and customs duties are prepaid (shipments will not be accepted unless all charges are prepaid), and (3) upon arriving at the University, call for luggage at the Central Receiving Warehouse. The University does not make delivery to the residence units.

Food Service is available to all students under the following options:

- (a) Cafeteria style with cash payment for each individual meal.
- (b) On a Food Plan basis payable in full at registration as follows.

\$ 84.00 for the Six Week Session

\$112.00 for Eight Week Session

Food services cannot be contracted on a weekly basis. The Food Plan includes twenty meals each week. The Sunday evening meal is not included.

Refund of the Food Plan charges will be made only in the case of withdrawal from the University or the residence halls. This refund will be made on a pro rata weekly basis.

Student Health

The University Infirmary, located on the campus near the Student Union, provides medical service for the undergraduate students in the summer session, and also for those graduate students who elect to pay the \$1.00 Health Service fee. Students who are ill should report promptly to the University Infirmary in person. Serious emergencies may be reported by phone to Ext. 3444, or if transportation for emergency is needed, call 3555 on campus phone or 454-3555 on a pay phone. Doctor's office hours are: week days, 9:00 a.m. to 4:00 p.m.; week ends, 10:00 a.m. to 11:00 a.m. Nurses are on duty 24 hours each day, and doctors are on call for serious conditions after regular office hours.

Automobile Registration

All students are required to register their automobiles at the time of registration for classes. Students must bring the state or District of Columbia automobile

registration card containing the automobile tag number. Automobiles previously registered for the 67-68 academic year will be honored for the 1968 summer session. For automobiles operated by new students or non-registered cars operated by continuing students, there will be a five dollar (\$5.00) registration fee.

For use of students, staff members, and employees, several parking lots are provided. Students may park in lots 1, 2, 3, 7, and 11 during the summer session with a registered car. All other lots are reserved for faculty and staff members. Visitor wells are reserved for visitors and guests at all times. The University Regulations forbid the parking of cars on any campus road. These regulations are enforced by the Campus Police Department.

If you do not intend to operate a vehicle on the College Park Campus during the 1967-68 academic year or summer session, you are required to sign a non-driver declaration.

Libraries

Libraries of the University are located on the College Park and Baltimore campuses. They consist of the general University Library (the McKeldin Library), the Engineering and Physical Sciences Library, and the Chemistry Library in College Park; and the Health Sciences Library and the Law Library in Baltimore. The libraries have a total book collection of over 925,000 cataloged volumes and currently receive more than 9,500 periodicals and newspapers.

In addition to the total of cataloged volumes cited above, the College Park libraries contain over 140,000 U. S. government and United Nations documents, 350,000 negatives and prints, 2,600 film strips, 6,000 slides, and thousands of phonograph records, maps, and technical reports.

Bibliographical facilities of these libraries include, in addition to the card catalogs, printed catalogs of other libraries, e.g., British Museum, Bibliotheque Nationale, and Library of Congress, as well as trade bibliographies of foreign countries, special bibliographies of subject fields, and similar research aids.

Study carrels in the McKeldin Library are available to faculty members and graduate students whose study and research require extensive use of library materials. Lockers are likewise available for assignment to graduate students. Facilities for reading microtext materials, for typing, and for copying are also provided. Interlibrary loan service from other institutions is provided for those engaged in research.

University Bookstore

For the convenience of students, the University maintains a University Bookstore, located in the Student Union Building, where students may obtain at reasonable prices textbooks, stationery, classroom materials, and equipment. The Bookstore operates on a cash basis.



For Additional Information

Detailed information concerning fees and expenses, scholarships and awards, student life, and other material of a general nature, may be found in the University publication titled *An Adventure in Learning*. This publication may be obtained on request from the Catalog Mailing Room, North Administration Building, University of Maryland at College Park. A detailed explanation of the regulation of student and academic life may be found in the University publication titled, *University General and Academic Regulations*. This is mailed in September and February of each year to all new undergraduate students. Requests for course catalogs for the individual schools and colleges should be directed to the deans of these respective units, addressed to:

COLLEGES LOCATED AT COLLEGE PARK

Dean
(College in which you are interested)
The University of Maryland
College Park, Maryland 20742

PROFESSIONAL SCHOOLS LOCATED AT BALTIMORE

Dean
(College in which you are interested)
The University of Maryland
Baltimore, Maryland 21201

Special Summer Activities

As an integral part of its summer program, the University offers a Summer Lecture Series; institutes supported by the National Science Foundation, National Defense Education Act, and other granting organizations; and specialized workshops. Information about these events is provided below.

The Summer Lecture Series

A series of lectures for members of the University community is planned for the 1968 summer session. A committee of the faculty selects the theme for the lectures and invites the speakers, usually distinguished scholars, national leaders, or important state or University officials. The lectures thus become a contribution to the social and cultural offerings of the summer session. They are scheduled for the convenience of the students and faculty in air conditioned facilities on the College Park Campus.

1968 Summer Festival of Fine Arts

The 1968 Summer Festival of Fine Arts, under the direction of Dr. Paul Traver, will present for the campus and the community a series of programs in the fields of art, dance, drama, film, music, and television. Outstanding performers in these media will appear on the College Park Campus. To make it easier for students to attend the events, the majority of programs will be scheduled for evening and weekend hours and will be located in the air-conditioned J. Millard Tawes Fine Arts Center. The Festival will offer the summer community a culturally enriched atmosphere in which academic studies may be more pleasantly pursued.

Institutes and Workshops

Communication regarding institutes and workshops should be addressed to the director, as indicated, University of Maryland, College Park, Maryland 20742. All workshops and institute students must be admitted to the University according to procedures described on page 6.

Institutes

NATIONAL DEFENSE EDUCATION ACT

Institute for Teachers of Geography

Dr. Robert A. Harper, Geography Department

NATIONAL SCIENCE FOUNDATION

Institute for High School Teachers of Biology

Dr. J. David Lockard, College of Education and Botany

Institute in Mathematics for Elementary School Teachers

Dr. James H. Henkelman, Mathematics Department

Institute for Teachers of Mathematics in Junior High School

Dr. Richard A. Good, Mathematics Department

Workshops

COLLEGE OF ARTS AND SCIENCES

WORKSHOP IN CHORAL CONDUCTING (Music 160 S) 2-3 credits

June 26-July 19; M.T.W.Th., 2:30-4:30, and M. 7:00-10:00 p.m.; NN-205.
Dr. Paul Traver, Director.

This workshop includes study of conducting techniques, choral problems, score reading, rehearsal procedures, program building, and choral bibliography. In addition to performing in class, participants will have an opportunity to conduct the University Chorus in rehearsal and performance.

COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION

MANAGERIAL MATHEMATICS WORKSHOP (B.A. 000) 0 credit (billed for 3 credit hours)

June 27-Aug. 16; M.Th., 7:00-9:30 p.m.; Q-27.

Mr. Theodore Mattheiss, Director.

This non-credit course in basic mathematics is designed to present the mathematical concepts necessary for Economic, Managerial, and Systems Analysis. Included will be work on elementary matrix algebra, elementary probability theory, mathematical relationships, and optimization of functions of one variable (i.e., differential calculus).

SCHOLASTIC JOURNALISM WORKSHOP (Jour. 189 S) 3 credits

June 26-July 12; Daily, 10:00-3:30; G-310; G-305.

Prof. William Noall, Director.

The Scholastic Journalism Workshop is sponsored by the Department of Journalism in cooperation with the Maryland-Delaware Press Association and the Maryland Scholastic Press Advisers Association.

This workshop for school publications advisers puts emphasis on the newspaper with some attention to the yearbook and the magazine. Latest trends in down-style heads, horizontal makeup and depth reporting are stressed when covering the teaching of objectives, reporting, feature writing, headline writing, head schedule, layout, production, circulation, advertising, photography, staff organization. One edition of a tabloid newspaper is produced under supervision by members of the workshop, and the group visits production plants to observe reproduction processes.

COLLEGE OF EDUCATION

EARLY CHILDHOOD EDUCATION (Ed. 189-12, Section 1) 3 credits

June 26-July 12; Daily, 9:30-12:30; J-14.

Dr. James L. Hymes, Jr., Director.

This is a special course designed for administrative, supervisory or other leadership personnel in school systems newly involved in offering programs for children under age six, either Head Start programs, Title I programs or new public kindergartens. The Workshop is *not* for teachers working directly with young children, and is not designed to build teaching skills. Its goal is to build an understanding of the essentials of a quality program for young children so that those in leadership positions may better know good standards, wise general procedures, and constructive ways of proceeding to build a program of quality for young children. The Workshop will consider goals and philosophy, the nature and special needs of young children, curriculum planning, and the unique problems and pitfalls in early childhood education.

EARLY CHILDHOOD EDUCATION (Ed. 189-12, Sections 2 and 3) 3 credits each

Section 2—June 26-July 12; Daily, 8:00-3:00; J-18.

Section 3—July 15-Aug. 2; Daily, 8:00-3:00; J-18.

Dr. Joan Moyer, Director.

The objective of this workshop for in-service teachers is the improvement of programs and teaching in nursery schools, kindergartens, and day care centers. Lectures will be supplemented with demonstrations, and students will be given laboratory experience with a group of children.

ECONOMIC EDUCATION (Ed. 189-9) 3 credits

June 26-July 12; Daily, 8:30-3:30; Q-504

Mr. Matthew Gibney, Director.

This workshop will provide an opportunity for teachers to gain a better understanding of the basic principles of economics and of the operation of the American economic system. Teachers will have the opportunity to develop teaching units in economics. Morning lectures will be on economic topics and the afternoons will be devoted to curriculum development projects.

EDUCATOR'S WORKSHOP ON AUTOMATIC DATA PROCESSING (Ed. 189-53) 6 credits

July 26-Aug. 2; Daily, 9:00-3:30; J-131.

Dr. Robert M. Peters, Director.

This workshop should be of particular interest to those persons teaching and supervising courses in business and mathematics. *No formal mathematics is required as a prerequisite to this workshop.*

Opportunities will be provided to study (1) the principles of IBM punch-card data systems, (2) the basic concepts of computers, (3) a programming language and (4) the construction of courses, curriculum design, and the qualifications of teachers in ADP.

EUROPEAN TRAVEL SEMINAR (Ed. 189-73) 6 credits

June 26-Aug. 9.

Dr. Leo W. O'Neill, Director.

The seminar is an opportunity to travel and study abroad this summer. The tour will cover the major continental capitals, London, Rome and Paris with visits to historic buildings, leading museums and galleries, as well as attendance at concerts, theatre and the ballet. During the six week seminar, students will be free to make their own travel arrangements on weekends as well as during a designated period at the end of the first month of the tour, for special interest activities.

FINANCIAL AND ECONOMIC EDUCATION (Sec. Ed. 114-115) 6 credits

June 26-Aug. 2; Daily, 8:30-3:30; Q-27.

Prof. C. Raymond Anderson, Director.

The purpose of this workshop for secondary school teachers and administrators is to develop the ability and interest in teaching personal and family economic factors in existing secondary school courses. There will be lectures, discussions, group activities, field trips, and the preparation of teaching materials.

HUMAN DEVELOPMENT—TWO-WEEK WORKSHOPS

CHILD STUDY LEADERS (Ed. 189-33) 2 credits

June 26-July 5; Daily, 8:00-3:00; J-111.

Dr. Frank Milhollan, Director.

This workshop is for leaders and prospective leaders of child and youth study

groups. Each day's activities will include a lecture-discussion period centering around major scientific concepts explaining growth, development, and behavior; laboratory periods for analyzing case record material at the first, second, or third year level of the program; reading and special interest periods. Participants will choose the year level of the group they expect to lead.

APPLICATION OF HUMAN DEVELOPMENT PRINCIPLES IN THE CLASSROOM (Ed. 189-35)
2 credits

July 8-July 19; Daily, 8:00-3:00; J-111.

Dr. Frank Milhollan, Director.

This workshop is for people who have had three or more years of child study experience either in workshops or in groups during the school year. Classroom practices will be examined in the light of human development principles, and procedures will be studied for possible beyond-third-year action research projects during the school year. Opportunities will be offered also to superintendents, supervisors, and principals who are interested in exploring the implications of human development principles for school operation.

ACTION RESEARCH IN HUMAN DEVELOPMENT EDUCATION (Ed. 189-37) 2 credits

Aug. 5-Aug. 16; Daily, 8:00-3:00; J-111.

Dr. Frank Milhollan, Director.

This workshop is for teachers and other school personnel who are interested in learning more about action research or in initiating action research projects in their own schools. The role of action research in the solution of educational problems will be emphasized. Participants will have the opportunity to learn about and to develop designs and instruments for carrying out action research in their own schools and classrooms. Preference in enrollment will be given to persons coming as teams for the purpose of developing an action research design for implementation in their own school or school system.



HUMAN RELATIONSHIPS IN EDUCATIONAL ADMINISTRATION (Ed. 189-26) 6 credits

June 26-Aug. 2; Daily, 9:00-3:00; J-314.

Dr. Clarence A. Newell, Director.

This workshop is concerned with the development of leadership teams capable of providing in-service programs in human relations in local school systems. In addition to basic theory, the workshop will center on the practice and acquisition of specific human relations skills.

Preference in enrollment will be given to teams representing Maryland school systems which have participated in the workshop in the past, and to teams of four to six persons designated by other Maryland school systems. Enrollment in the workshop will be limited. Applications for team participation from local school systems will be processed in the order received. If more than one application is received at the same time, the director of the workshop will make the final decision.

INSTRUCTIONAL MATERIALS (Ed. 189-8) 3 credits

July 1-July 19; Daily, 8:30-12:00; Duval High Schol

Prof. Dale W. Brown, Director.

This workshop will give teachers, librarians, and administrators the opportunity to work on problems in the selection, organization, and utilization of instructional materials in school programs. It also covers changes in education as they affect the Instructional Materials Program, with emphasis on the newer media of instruction as well as traditional printed materials.

MUSIC REPERTOIRE IN THE SCHOOL CURRICULUM (Ed. 189-76) 3 credits

June 26-Aug. 2; Daily, 12:30; NN-202.

Dr. Elizabeth May, Director.

This workshop in ethnic instruments is designed for music specialists and elementary and secondary teachers who have musical backgrounds. Emphasis will be placed on the study of the music and instruments of other cultures (Japanese, African, Indonesian, etc.) and on discussion of the suitability of ethnic music to the various grade levels.

PRINCIPLES OF BEHAVIOR (Ed. 189-45) 3 credits

June 26-Aug. 2; Daily, 12:30-3:30; OO-225.

This course is designed to provide understanding of how an organism adds new performances to its repertoire during its growth and development and after maturing; and once it is in the repertoire, how it is strengthened and weakened. It also concerns itself with how the features of the environment cue the operant and reflect performances of the organism. Inquiries should be addressed to Dr. George Marx, Head, Department of Counseling and Personnel Services, College of Education.

ANALYSIS AND MODIFICATION OF TEACHING BEHAVIOR (Ed. 189-49) 3 credits

June 26-July 12; Daily, 9:30-3:30; J-131. Prerequisite, Ed. 189-7.

Dr. David Young, Director.

This workshop is concerned with an analysis and study of teacher characteristics and behaviors, techniques, and systems of recording and analyzing teaching. It also deals with the utilization of educational technology in the analysis of teaching.

SUPERVISION OF STUDENT TEACHING (Ed. 189-7) 3 credits

June 26-July 12; Daily, 9:30-3:30; J-6.

Mr. James F. Collins, Director.

This workshop is planned for experienced personnel who are interested in studying the characteristics of good student teaching programs; the roles of the various cooperating personnel such as the cooperating teacher, the college supervisor, the principal, the academic supervisor, etc.; and an analysis of teaching.

TEAM TEACHING (Ed. 189-57) 3 credits

June 26-July 12; Daily, 9:30-3:30; J-134.

Dr. George J. Funaro, Director.

This workshop is designed to analyze the theoretical assumptions behind the team teaching organizational pattern. Teachers and administrators will also have an opportunity to develop team teaching projects to be implemented in their local schools. There will be lectures by the director and distinguished consultants, films, outside visits, development of personal team teaching projects, etc.

TRADE ADVANCEMENT WORKSHOP (Ed. 189-69) 1-6 credits

June 27-Aug. 11; M.T.Th.F.; Arranged.

Prof. Charles J. Beatty, Director.

This workshop is designed for both experienced and prospective trade and industrial teachers who meet the state certification requirements. The purpose of this workshop is to increase the technical competence of trade and industrial

teachers by means of their attendance at approved technical training centers. Specific emphasis in this course will be twofold: first, on the student's development and organization of instructional materials derived from the training he received; and secondly, on his application of these instructional materials to trade and industrial education programs at the secondary school and junior college level. Approval to enroll in this workshop must be obtained from the Department of Industrial Education prior to registration.

VOCATIONAL EDUCATION (Ed. 189-67) 1 credit

Sec. 1—June 26-Aug. 9; W 9:30; 00-127.

Sec. 2—June 26-Aug. 9; W 1:30; 00-030

Mr. Kenneth F. Stough, Director.

TYPEWRITING DEMONSTRATION FOR BUSINESS EDUCATION TEACHERS

The College of Education offers the business teacher registered during the summer session an opportunity to observe pupils at work in a typewriting class. These observations will aid the classroom teacher in: (1) designing purposeful classroom activities for developing basic typewriting skills, (2) planning with the pupil the organization of an effective set of "work" habits, (3) analyzing through case studies the methods of dealing with the various aspects of individual pupil progress, (4) applying the principles of the psychology of skills to the teaching of typewriting, and (5) developing improved methods for course construction, selection of instructional materials, and measuring pupil achievement.

COLLEGE OF HOME ECONOMICS

FAMILY LIFE TEACHERS WORKSHOP (HOEC 190d and HOEC 290d) 2 credits

June 26-July 6; Daily; 9:00-3:00; H-9.

Dr. Christine H. Hillman, Director.

This workshop is for elementary and secondary teachers, prospective teachers, and other school personnel as well as community leaders. It is designed for those who are interested in the further development of their own knowledge in the teaching of courses in this area or in initiating courses relative to the family and its relationships at each stage of the family life cycle. Topics of study will include sex education, sibling and parent-child relationships, and family crises. Each day's activities will include a lecture-discussion period and a period of time which will be used for reading and special interests. Participants may choose the age or grade levels of greatest concern to them for the reading and special interests periods. Enrollment is limited to 30.

FOOD SERVICE WORKSHOP (HOEC 190e and 290e) 3 credits

July 15-Aug. 2; Daily; 9:30-12:30; H-222.

Dr. Elizabeth S. Prather, Director.

This workshop is designed for those interested in the further development of their knowledge in the subject matter content and recent innovations in the food service field. Particular emphasis will be given to the core of subject matter most pertinent to the secondary Vocational Food Service Program. The workshop program will include lectures, discussion periods, group participation in special activities, reading, and group work.

COLLEGE OF PHYSICAL EDUCATION,
RECREATION, AND HEALTH

ADVANCEMENTS IN HEALTH SCIENCE AND HEALTH EDUCATION (Hea. 189) 3 or 6 credits

June 26-Aug. 2; Daily, 8:00-11:00 a.m.; NN-320.
Dr. Herbert L. Jones, Director.

The purpose of the Institute is to update the participants (teachers, nurses, administrations, etc.) with information concerning the health and health education trends and developments. Ideas and dialogue from and with experts in the field will help improve content and method for the participant. Specific areas will include high level wellness, mental health, consumer health, sex education and chronic degenerative disease.

Guest speakers and discussion leaders will be specialists from the National Institutes of Health, other branches of the United States Public Health Service, Office of Education, public health departments and voluntary health agencies. A limited number of tuition scholarships are available from voluntary health agencies in Maryland and Washington, D. C.

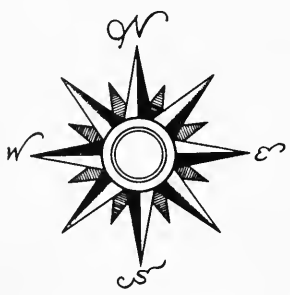
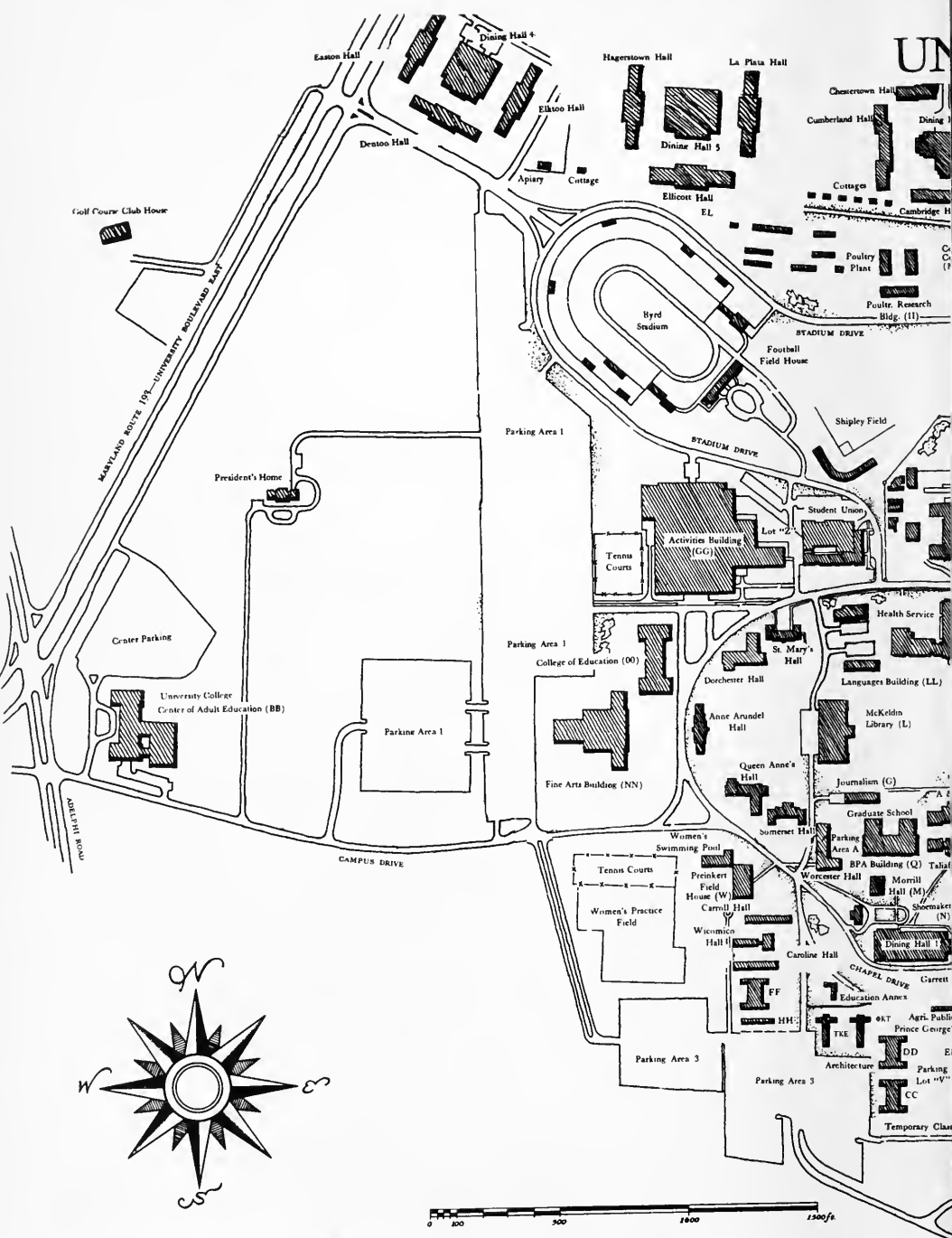
Six week participation, six hours credit; three week participation, three hours credit.

MODERN TRENDS IN CURRICULUM AND METHODS OF INSTRUCTION IN PHYSICAL EDUCATION (P. E. 189) 3 to 6 credits

June 26-Aug. 2; Daily, 8:00-11:00 a.m.; GG-160.
Dr. Ruth H. Alexander, Director.

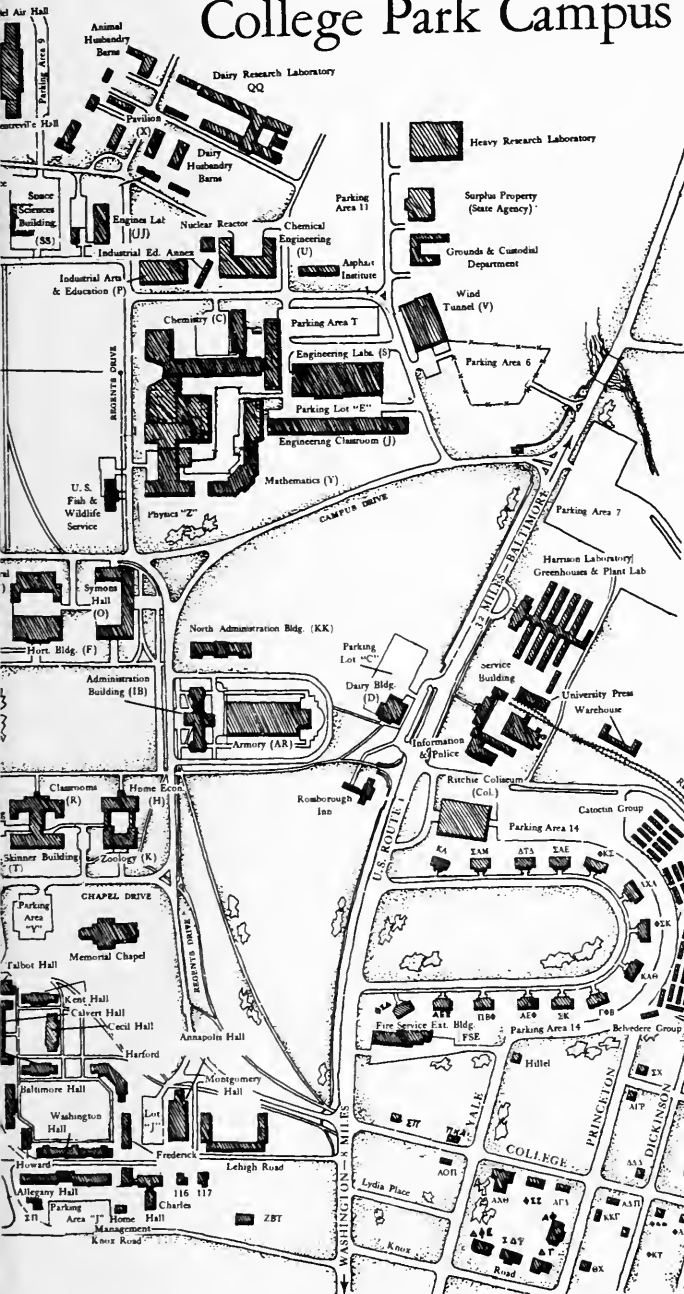
This workshop is designed to acquaint participants with modern trends in curriculum construction and revision and methods and materials used in elementary and secondary schools.





UNIVERSITY OF MARYLAND

College Park Campus



BUILDING CODE LETTERS FOR CLASS SCHEDULES

- A Taltairo Hall
- AA Temporary Classroom
- AR Armory
- B Agricultural Publications
- BB Center of Adult Education
- IB Administration
- C Chemistry
- CA Cambridge Hall
- CC Zoology
- CU Cumberland Hall
- Col Coliseum
- DD Dairy—Turner Laboratory
- DE School of Architecture
- E Agronomy—Botany—H. J. Patterson Hall
- EE Psychology
- EL Elliott Hall
- F Horticulture—Holzapfel Hall
- FF Temporary Classroom
- FSE Fire Service Extension
- G Journalism
- GG Cole Student Activities Building
- H Home Economics
- HH Music Annex
- I Agricultural Engineering—Shriver Laboratory
- II Poultry—Jull Hall
- J Engineering Classroom Building
- JJ Engines Research Laboratory (Molecular Physics)
- K Zoology—Silvester Hall
- KK North Administration Building
- L Library—McKeldin Hall
- LL Foreign Languages Building
- M Psychology—Morrill Hall
- MM Computer Science Center
- N Shoemaker Building
- NN J. Millard Tawes Fine Arts Building
- OO Agriculture—Symons Hall
- OO College of Education and Classroom Building
- Industrial Arts and Education
- P —J. M. Patterson Building
- Q Business and Public Administration and Classroom Building
- RR Classroom Building—Woods Hall
- RR Francis Scott Key Hall
- S Engineering Laboratories
- SS Space Sciences
- SU Student Union
- T Skimmer Building
- U Chemical Engineering
- V Wind Tunnel
- W Preinkert Field House
- X Judging Pavilion
- Y Mathematics
- Z Physics

SORORITY NOT SHOWN FRATERNITIES NOT SHOWN
 Alpha Xi Delta
 Tau Epsilon Phi
 Phi Epsilon Phi
 Tau Kappa Epsilon

Civil
 Defense
 Training Bldg.

Course Offerings

An "S" before a course number denotes that the course is offered in Summer School only. An "S" after a course number indicates a regular course modified for offering during the summer session. A more complete course description may be found in the respective college catalogues.

The University may find it necessary to cancel courses due to low enrollment. In general, freshman and sophomore courses will not be held for classes smaller than 20. Minimum enrollments for upper level undergraduate courses and graduate courses will be 15 and 10 respectively.

AGRICULTURE

AGRICULTURAL ECONOMICS

- A.E. 198. SPECIAL PROBLEMS. (1-2) (2 cr. max.)
Arranged. Not for graduate credit. (Staff.)
- A.E. 301. SPECIAL PROBLEMS IN AGRICULTURAL ECONOMICS. (1-2)
Arranged. (Staff.)
- A.E. 399. RESEARCH. (1-6)
Arranged. (Staff.)

AGRICULTURAL ENGINEERING

- AGR. ENGR. 189. SENIOR PROBLEM. (2)
Prerequisite, approval of Department. (Staff.)
- AGR. ENGR. 198. SPECIAL PROBLEMS IN FARM MECHANICS. (1-3)
Arranged. Prerequisite, approval of department. Not acceptable for majors in agricultural engineering. Problems assigned in proportion to amount of credit. (Gienger.)
- AGR. ENGR. 301. SPECIAL PROBLEMS IN AGRICULTURAL ENGINEERING. (1-6)
Arranged. (Staff.)
- AGR. ENGR. 399. RESEARCH. (1-6)
Arranged. (Staff.)

AGRICULTURAL AND EXTENSION EDUCATION

- R.ED. 121. DIRECTED EXPERIENCE IN EXTENSION EDUCATION. (1-5)
Arranged. Prerequisite, satisfactory academic average and permission of instructor. (Ryden.)
- R.ED. 170, 171. CONSERVATION OF NATURAL RESOURCES. (3, 3)
June 26-Aug. 16; Arranged; E-103. Fee \$35.00—In addition to the regular credit hour fees. Courses taken concurrently in summer session. (Good.)
- R.ED. 180, 181. CRITIQUE IN RURAL EDUCATION. (1, 1)
Arranged. Prerequisite, approval of staff. (Staff.)
- R.ED. 198. SPECIAL PROBLEMS. (1-3)
Arranged. Prerequisite, approval of staff. (Staff.)

- R.ED. 207, 208. SPECIAL TOPICS IN RURAL EDUCATION. (2, 2)
 Arranged. Permission of instructor. (Krebs, Cardozier.)
- R. ED. 217. PROGRAM PLANNING AND EVALUATION IN AGRICULTURAL EDUCATION.
 (3)
 Arranged. (Krebs.)
- R.ED. 225. PROGRAM DEVELOPMENT IN EXTENSION EDUCATION. (2)
 Arranged. Prerequisite, R.Ed. 150 or equivalent. (Ryden.)
- R.ED. 301. SPECIAL PROBLEMS. (1-3)
 Arranged. Prerequisite, approval of staff. (Staff.)
- R.ED. 302. SEMINAR IN RURAL EDUCATION. (1)
 Arranged. Prerequisite, approval of staff. (Staff.)
- R.ED. 399. RESEARCH. (1-6)
 Arranged. (Staff.)

AGRONOMY

- AGRON. 198. SPECIAL PROBLEMS IN AGRONOMY. (1)
 Arranged. Prerequisites, Agron. 10, 107, 108 or permission of instructor.
 (Staff.)
- AGRON. 208. RESEARCH METHODS. (2)
 Arranged. Prerequisite, permission of staff. (Staff.)
- AGRON. 399. RESEARCH. (1-6)
 Arranged. (Staff.)
- GEOL. 1. GEOLOGY. (3)
 June 27-Aug. 16. (Staff.)
 Section 1—M.T.Th.F., 9:30; E-201.
 Section 2—M.T.Th.F., 11:00; E-201.
 Section 3—M.W., 7:00-9:50 p.m.; E-201.

ANIMAL SCIENCE

- AN. SC. 198. SPECIAL PROBLEMS IN ANIMAL SCIENCE. (1-2) (4 cr. max.)
 Arranged. Prerequisite, approval of staff. (Staff.)
- AN. SC. 263. POULTRY NUTRITION LABORATORY. (2)
 June 26-Aug. 2; Arranged. (Creek.)
- AN. SC. 301. SPECIAL PROBLEMS IN ANIMAL SCIENCE. (1-2) (4 cr. max.)
 Arranged. Prerequisite, approval of staff. Work assigned in proportion to amount
 of credit. (Staff.)
- AN. SC. 399. RESEARCH. (1-12)
 Arranged. (Staff.)

BOTANY

- BOT. 1. GENERAL BOTANY. (4)
 June 27-Aug. 16; Lecture M.T.Th.F., 8:00; E-001.
 Lab. section 1—M.T.Th.F., 9:00-10:50; E-244.
 Lab. section 2—M.T.Th.F., 11:00-12:50; E-244.
 Lab. section 3—M.T.Th.F., 12:30-2:20; E-247. (Harrison, assistants.)

BOT. 101. PLANT PHYSIOLOGY. (4)

June 27-Aug. 16; Lecture M.T.Th.F., 8:00; E-201.

Laboratory, M.T.Th.F., 9:00-11:50; E-341. Prerequisites Bot. 1 and General Chemistry or their equivalents. Open only to participants in the N.S.F. Institute. (Lockard.)

BOT. 151-S. TEACHING METHODS IN BOTANY. (2)

June 27-Aug. 16; Demonstrations M.T.Th.F., 1:00-2:50; E-251. Prerequisite, Bot. 1 or equivalent. Open only to participants in the N.S.F. Institute. (Rappleye.)

BOT. 153. FIELD BOTANY AND TAXONOMY (2)

June 27-Aug. 16; M.T.Th.F., 1:00-2:50; E-161. Prerequisite, Bot. 1 or equivalent. Open only to participants in the N.S.F. Institute. (Brown.)

BOT. 171. MARINE PLANT BIOLOGY (3 credits)

Arranged. Prerequisite Botany 1 or General Biology, Organic Chemistry, or the consent of the instructor. To be offered at the Chesapeake Biological Laboratory, Solomons, Maryland. Enrollment is limited to 15 students. (Krauss & Staff.)

BOT. 195. TUTORIAL READINGS IN BOTANY (Honors course) (2 or 3)

Arranged. See College of Agriculture catalogue for details.

BOT. 196. RESEARCH PROBLEMS IN BOTANY (Honors course) (2 or 3)

Prerequisite, Bot. 195. See College of Agriculture catalogue for details.

BOT. 199-S. SEMINAR FOR NATIONAL SCIENCE FOUNDATION SUMMER INSTITUTE FOR BIOLOGY TEACHERS. (2)

June 26-Aug. 16; two or three hour sessions, W9 and 2, or all day visitations. Open only to participants in the N.S.F. Institute for Biology Teachers. (Rappleye, Staff.)

BOT. 399. RESEARCH. (1-6)

Arranged. (Staff.)

ENTOMOLOGY**ENT. S-121. ENTOMOLOGY FOR SCIENCE TEACHERS. (4)**

June 27-Aug. 16. Lectures M.T.Th.F., 8:00; O-101. Laboratory periods, M.T.Th.F., 9:00-11:50; O-200. Open only to participants in the N.S.F. Institute. (Davidson.)

ENT. 198. SPECIAL PROBLEMS. (1-3)

Arranged. Credit and prerequisites determined by the department. (Bickley.)

ENT. 301. ADVANCED ENTOMOLOGY. (1-6)

Arranged. Credit and prerequisite determined by the department. (Bickley.)

ENT. 399. RESEARCH.

Arranged. (Staff.)

FOOD SCIENCE**FDSC 198. SPECIAL PROBLEMS IN FOOD SCIENCE. (2)**

Arranged. Prerequisite, approval of staff. (Staff.)

FDSC 301—SPECIAL PROBLEMS IN FOOD SCIENCE (1 to 4)

Arranged. Credit according to time scheduled and magnitude of problem. Prerequisite CHEM 161 or permission of instructor. (Staff.)

FDSC 399. RESEARCH. (1-12)

Arranged. (Staff.)

HORTICULTURE

HORT S125. ORNAMENTAL HORTICULTURE. (1)

Summer session only. (Link.)

HORT 198. SPECIAL PROBLEMS. (2-4)

Arranged. Credit according to work assigned.

HORT 399. RESEARCH. (1-12)

Arranged. (Staff.)

ARTS AND SCIENCES

AMERICAN STUDIES

AMER. STUD. 137. READING IN AMERICAN STUDIES. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; A-50. Prerequisite, Eng. 4 or equivalent. (Beall.)

AMER. STUD. 201. SEMINAR IN AMERICAN STUDIES. (3)

June 27-Aug. 16; M.Th., 7:00-9:00 p.m.; A-164. (Beall.)

AMER. STUD. 399. RESEARCH. (1-6)

Arranged. (Staff.)

ART

ART 10. INTRODUCTION TO ART. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; NN-214. (Pemberton.)

ART. 16. DRAWING I. (3)

June 26-Aug. 16; Daily; NN-332.

Section 1—9:30-11:30.

Section 2—1:00-3:00.

(Staff.)

ART. 17. PAINTING I. (3)

June 26-Aug. 16; Daily, 9:30-11:30; NN-230.

(Gross.)

ART. 26. DRAWING II. (3)

June 26-Aug. 16; Daily, 1:00-3:00; NN-232.

(Freeny.)

ART. 40. FUNDAMENTALS OF ART EDUCATION. (3)

June 27-Aug. 16; M.T.Th.F.; NN-330.

Section 1—8:00-9:20.

Section 2—9:30-11:00.

ART. 60. HISTORY OF ART. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; NN-214.

(Pemberton.)



- ART. 61. HISTORY OF ART. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; NN-214. (Perry.)
- ART. 117. PAINTING II. (3)
June 26-Aug. 16; Daily, 9:30-11:30; NN-224. (Gross.)
- ART 118. SCULPTURE. (3)
June 26-Aug. 16; Daily, 9:30-11:30; NN-139. (Freeny.)
- ART 119. PRINTMAKING I. (3)
June 26-Aug. 16; Daily, 1:00-3:00; NN-137. (Staff.)
- ART 129. PRINTMAKING II. (3)
June 26-Aug. 16; Daily, 9:30-11:30; NN-137. (Staff.)
Six hours per week. Prerequisite, Art 119.
- ART 168. RENAISSANCE ART IN ITALY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; NN-220. (Staff.)
- ART 399. RESEARCH. (1-6)
Arranged. (Staff.)

ASTRONOMY—see Physics and Astronomy

CHEMISTRY

- CHEM. 1. GENERAL CHEMISTRY. (4)
June 27-Aug. 16; M.T.Th.F. Four lectures and four three-hour laboratory periods per week. Lecture, 11:00-11:50; C-132. Laboratory, 1:00-3:50; C-117, C-118. Prerequisite, 1 year high school algebra or equivalent. (Staff.)
- CHEM. 3. GENERAL CHEMISTRY. (4)
June 27-Aug. 16; M.T.Th.F. Four lectures and four three-hour laboratory periods per week. Lecture, 11:00-11:50; C-130. Laboratory, 1:00-3:50; C-119, C-120. Prerequisite, Chem. 1. (Staff.)
- CHEM. 19. ELEMENTS OF QUANTITATIVE ANALYSIS. (4)
June 27-Aug. 16; M.T.Th.F. Four lectures and four three-hour laboratory periods per week. Lecture, 12:30-1:20; C-132. Laboratory, 8:00-10:50; C-306. Prerequisite, Chem. 3. (Stuntz.)
- CHEM. 37. ELEMENTARY ORGANIC CHEMISTRY. (2)
June 27-Aug. 16; M.T.Th.F. Four lectures per week, 12:30-1:20; C-130. Prerequisite, Chem. 35. (Henery-Logan.)
- CHEM. 38. ELEMENTARY ORGANIC LABORATORY. (2)
June 27-Aug. 16; M.T.Th. F. Four three-hour laboratory periods per week, C-225. Prerequisite, Chem. 36. 8:00-10:50; C-202, C-204. (Henery-Logan.)
- CHEM. 192, 194. GLASSBLOWING LABORATORY. (1, 1)
June 26-Aug. 16. Two four-hour laboratory periods a week. M.W., 1:00-4:50; C-B3. (Carruthers.)
- CHEM. 399. RESEARCH.
Arranged. (Staff.)

CLASSICAL LANGUAGES AND LITERATURE

LATIN 102. TACITUS. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; T-102.

(Avery.)

COMPARATIVE LITERATURE

CMLT. 101. INTRODUCTORY SURVEY OF COMPARATIVE LITERATURE. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; RR-17.

(Schaumann.)

CMLT. 102. INTRODUCTORY SURVEY OF COMPARATIVE LITERATURE. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; RR-17.

(Schaumann.)

COMPUTER SCIENCE

CMSC. 12. INTRODUCTORY ALGORITHMIC METHODS. (3)

June 26-Aug. 16; Daily, 8:00; MM-B26. Lectures M.W.F., Lab. T.Th., 8:00.
Prerequisite, Math. 11 or equivalent.

(Williams.)

CMSC. 20. ELEMENTARY ALGORITHMIC ANALYSIS. (3)

June 26-Aug. 16; Daily, 11:00; MM-B26. Lectures M.W.F., Lab. T.Th., 11:00.
Prerequisite, Math 20 or concurrent registration therein, or equivalent.

(Williams.)

CMSC. 100. LANGUAGE AND STRUCTURE OF COMPUTERS. (3)

June 26-Aug. 16; Daily, 9:30; MM-B28. Lectures M.W.F., Lab. T.Th., 9:30.
Prerequisite, CMSC 20 or equivalent.

(Lindamood.)

CMSC. 102. INTRODUCTION TO DISCRETE STRUCTURES. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; MM-B28. Prerequisite, CMSC 20 or equivalent. This course is the same as ENEE 102.

(Lindamood.)

DANCE

DANCE 32. INTRODUCTION TO DANCE. (3)

June 26-Aug. 2; Daily, 11:00; FF-22.

(Staff.)

DANCE 54. DANCE TECHNIQUES. (2)

June 26-Aug. 2; Daily, 9:30; W-200.

(Staff.)

ENGLISH

ENG. 1. COMPOSITION. (3)

June 27-Aug. 16

Section 1—M.T.Th.F., 8:00; A-48.

Section 2—M.T.Th.F., 8:00; A-49.

Section 3—M.T.Th.F., 9:30; A-48.

Section 4—M.T.Th.F., 9:30; A-49.

Section 5—M.T.Th.F., 11:00; A-48.

Section 6—M.T.Th.F., 11:00; A-49.

Section 7—M.T.Th.F., 12:30; A-48.

Section 8—M.W., 7:00-9:50 p.m.; Q-104.

(Herman, Staff.)

ENG. 3. WORLD LITERATURE. (3)

June 27-Aug. 16. Prerequisite, Eng. 1 or 21.

Section 1—M.T.Th.F., 8:00; A-161.

Section 2—M.T.Th.F., 9:30; A-161.

Section 3—M.T.Th.F., 9:30; A-164.

Section 4—M.T.Th.F., 11:00; A-161.

Section 5—M.T.Th.F., 11:00; A-164.

Section 6—M.T.Th.F., 12:30; A-161.

Section 7—T.Th., 7-9:50 p.m.; Q-28.

(Herman, Staff.)

ENG. 4. WORLD LITERATURE.

June 27-Aug. 16. Prerequisite, Eng. 1 or 21.

Section 1—M.T.Th.F., 8:00; A-166.

Section 2—M.T.Th.F., 8:00; A-174.

Section 3—M.T.Th.F., 9:30; A-166.

Section 4—M.T.Th.F., 9:30; A-174.

Section 5—M.T.Th.F., 11:00; A-166.

Section 6—M.T.Th.F., 11:00; A-174.

Section 7—M.T.Th.F., 12:30; A-166.

Section 8—T.Th., 7-9:50 p.m.; Q-104.

(Herman, Staff.)

ENG. 101. HISTORY OF THE ENGLISH LANGUAGE. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; A-159. Prerequisite, Eng. 4 or equivalent.
(Robb.)

ENG. 104. CHAUCER. (3)

June 26-Aug. 16; M.T.Th.F., 9:30; A-43. Prerequisite, Eng. 4 or equivalent.
(Cooley.)

ENG. 108. ADVANCED ENGLISH GRAMMAR. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; RR-3. Prerequisite, Eng. 4 or equivalent.
(Robb.)

ENG. 116. SHAKESPEARE. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; RR-2. Prerequisite, Eng. 4 or equivalent.
(Zeeveld.)

ENG. 121. MILTON. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; A-159. Prerequisite, Eng. 4 or equivalent.
(Murphy.)

ENG. 122. LITERATURE OF THE SEVENTEENTH CENTURY, 1600-1660. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; RR-3. Prerequisite, Eng. 4 or equivalent.
(Wilson.)

ENG. 135. LITERATURE OF THE VICTORIAN PERIOD. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; RR-5. Prerequisite, Eng. 4 or equivalent.
(Pitts.)

ENG. 139. THE ENGLISH NOVEL. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; RR-19. (Ward.)

ENG. 142. MAJOR BRITISH WRITERS. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; FF-19. Prerequisite, Eng. 4 or equivalent.
(Korg.)

- ENG. 145. THE MODERN NOVEL. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; RR-7. Prerequisite, Eng. 4 or equivalent.
(Kleine.)
- ENG. 146. AMERICAN DRAMA. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; A-43. Prerequisite, Eng. 4 or equivalent.
(Bryer.)
- ENG. 150. AMERICAN LITERATURE, 1810 TO 1865. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; RR-7. Prerequisite, Eng. 4 or equivalent.
(Gravely.)
- ENG. 151. AMERICAN LITERATURE SINCE 1865. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; RR-5. Prerequisite, Eng. 4 or equivalent.
(Holton.)
- ENG. 156. MAJOR AMERICAN WRITERS. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; RR-19. Prerequisite, Eng. 4 or equivalent.
(Lutwack.)
- ENG. 157. INTRODUCTION TO FOLKLORE. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; RR-19. Prerequisite, Eng. 4 or equivalent.
(Birdsall.)
- ENG. 201. BIBLIOGRAPHY AND METHODS. (3)
June 27-Aug. 16; M.Th., 1:30-3:30; RR-3. (D. Smith.)
- ENG. 204. SEMINAR IN MEDIEVAL LITERATURE. (3)
June 27-Aug. 16; M.Th., 1:30-3:30; A-43. (Cooley.)
- ENG. 212. SEMINAR IN EIGHTEENTH CENTURY LITERATURE. (3)
June 27-Aug. 16; M.Th., 4:00-6:00; RR-3. (Myers.)
- ENG. 215. SEMINAR IN NINETEENTH CENTURY LITERATURE. (3)
June 27-Aug. 16; M.Th., 4:00-6:00; A-43. (Pitts.)
- ENG. 225. SEMINAR IN AMERICAN LITERATURE.
June 27-Aug. 16; T.F., 1:30-3:30; A-50. (Hovey.)
- ENG. 235. SPECIAL STUDIES IN NINETEENTH CENTURY ENGLISH LITERATURE. (3)
June 27-Aug. 16; T.F., 1:30-3:30; A-43. (Kinnaird.)
- ENG. 242. STUDIES IN TWENTIETH CENTURY LITERATURE. (3)
June 27-Aug. 16; T.Th., 7:00-9:00; RR-3. (Bode.)
- ENG. 399. RESEARCH. (1-6).
Arranged. (Staff.)

FOREIGN LANGUAGES

CHINESE 1-2. ELEMENTARY CHINESE. (3, 3)

Chinese 1, June 26-July 19; Chinese 2, July 22-Aug. 16. Registration for both Chinese 1 and/or 2 on June 24 or 25 as separate courses. This course meets *three* times daily: first lecture period 8:00-9:00; drill 9:30-10:20; second lecture period 11-12:00; LL-4. A student enrolled in Chinese 1 and/or 2 may not take any other course in the summer session. (McCaskey.)

FRENCH 0. ELEMENTARY FRENCH FOR GRADUATE STUDENTS. (Audit)

June 26-Aug. 2; Daily, 8:00. This course is billed for 3 credit hours.
 Section 1—LL-12. (W. Johnson.)
 Section 2—LL-13. (Cap.)

FRENCH 1-2. ELEMENTARY FRENCH. (3, 3)

French 1. June 26-July 19; French 2, July 22-Aug. 16. Registration for both French 1 and/or 2 on June 24 or 25 as separate courses. This course meets *three* times daily; first lecture period 8:00-9:00; drill 9:30-10-20*; second lecture period 11-12:00; LL-1. A student enrolled in French 1 and/or 2 may not take any other course in the summer session. (Zimmerman.)

FRENCH 6. INTERMEDIATE FRENCH. (3)

June 26-Aug. 4; Daily, 9:30.
 Section 1—LL-104. (W. Johnson.)
 Section 2—LL-105. (Cap.)
 French 6 may not be taken concurrently with French 7.

FRENCH 7. INTERMEDIATE FRENCH. (3)

June 26-Aug. 4; Daily, 9:30.
 Section 1—LL-2. (Bingham.)
 Section 2—LL-3. (LaMarque.)
 French 7 may not be taken concurrently with French 6.

FRENCH 103. ADVANCED COMPOSITION. (3)

June 26-Aug. 2; Daily, 9:30; LL-116. (LaMarque.)

FRENCH 125. FRENCH LITERATURE OF THE EIGHTEENTH CENTURY. (3)

June 26-Aug. 2; Daily, 11:00; LL-219. (Bingham.)

FRENCH 399. RESEARCH. (1-6)

Arranged.

GERMAN 0. ELEMENTARY GERMAN FOR GRADUATE STUDENTS. (Audit)

June 26-Aug. 2; Daily, 8:00. This course is billed for 3 credit hours.
 Section 1—LL-220. (Peer.)
 Section 2—LL-201. (Stanich.)

GERMAN 1-2. ELEMENTARY GERMAN. (3, 3)

June 26-July 19; German 2, July 22-Aug. 16. Registration for both German 1 and/or 2 on June 24 or 25 as separate courses. This course meets *three* times daily: first lecture period 8:00-9:00; drill 9:30-10:20; second lecture period 11-12:00; LL-202. A student enrolled in German 1 and/or 2 may not take any other course in the summer session. (Knoche.)

GERMAN 6. INTERMEDIATE LITERARY GERMAN. (3)

June 26-Aug. 2; Daily, 8:00; LL-2.
 German 6 may not be taken concurrently with German 7. (Hahn.)

GERMAN 7. INTERMEDIATE LITERARY GERMAN. (3)

June 26-Aug. 2; Daily, 9:30; LL-204.
 German 7 may not be taken concurrently with German 6. (Stanich.)

*In Language 1 and/or 2 drills may also be scheduled at other times should enrollment warrant. This is one of the reasons that a student may not take any other course in the summer session.

GERMAN 9. CONVERSATION AND COMPOSITION. (3)

June 26-Aug. 2; Daily, 9:30; LL-203.

Prerequisite, German 7 or 6 with consent of instructor. (Peer.)

GERMAN 103. ADVANCED COMPOSITION. (3)

June 26-Aug. 2; Daily, 11:00; LL-203.

(Schmeissner.)

GERMAN 142. GERMAN LITERATURE OF THE TWENTIETH CENTURY. (3)

June 26-Aug. 2; Daily, 9:30; LL-219.

(Schmeissner.)

GERMAN 399. RESEARCH. (1-6)

Arranged.

(Staff.)

ITALIAN 1-2. ELEMENTARY ITALIAN. (3, 3)

Italian 1, June 26-July 19; Italian 2, July 22-Aug. 16. Register for Italian 1 and/or 2 on June 24 or 25 as separate courses. This course meets three times daily: 8:00-9:00; drill 9:30-10:20; 11-12:00; LL-204. A student enrolled in Italian 1 and/or 2 may not take any other course in the summer session. (Motta)

RUSSIAN 1-2. ELEMENTARY RUSSIAN. (3, 3)

Russian 1, June 26-July 19; Russian 2, July 22-Aug. 16. Registration for both Russian 1 and/or 2 on June 24 or 25 as separate courses. This course meets three times daily: 8:00-9:00; drill 9:30-10:20*; 11-12:00; LL-106. A student enrolled in Russian 1 and/or 2 may not take any other course in the summer session.

(Hitchock.)

RUSSIAN 6-7. INTERMEDIATE RUSSIAN. (3, 3)

Russian 6, June 26-July 19; Russian 7, July 22-Aug. 16. Register for Russian 6 and/or 7 on June 24 or 25 as separate courses. Daily 9:30-10:45; LL-220.

(Juran.)

SPANISH 1-2. ELEMENTARY SPANISH. (3, 3)

Spanish 1, June 27-July 19; Spanish 2, July 22-Aug. 16. Registration for both Spanish 1 and/or 2 on June 25 or 26 as separate courses. This course meets three times daily: first lecture period 8:00-9:00; second lecture period 11-12:00; plus an electronic laboratory to be scheduled at the first class meeting. (This lab may fall at any other time during the day). A student enrolled in Spanish 1 and/or 2 may *not* take *any* other course in the summer session.

Section 1—LL-3.

(Staff.)

Section 2—LL-104.

(Navarete.)

SPANISH 6. INTERMEDIATE SPANISH. (3)

June 26-Aug. 2; Daily, 9:30. Spanish 6 may not be taken concurrently with Spanish 7.

Section 1—LL-12.

(Rovner.)

Section 2—LL-201.

(Scheiderer.)

SPANISH 7. INTERMEDIATE SPANISH. (3)

June 26-Aug. 2; Daily, 11:00. Spanish 7 may not be taken concurrently with Spanish 6.

Section 1—LL-2.

(Staff.)

Section 2—LL-12.

(Scheiderer.)

*In Language 1 and/or 2 drills may also be scheduled at other times should enrollment warrant. This is one of the reasons that a student may not take any other course in the summer session.

- SPANISH 103. ADVANCED COMPOSITION. (3)
 June 26-Aug. 2; Daily, 9:30; LL-13. (Panico.)
- SPANISH 113. DRAMA OF THE SIXTEENTH CENTURY. (3)
 June 24-Aug. 2; Daily, 11:00-12:15; LL-116. (Rovner.)
- SPANISH 399. RESEARCH. (1-6)
 Arranged. (Staff.)

HISTORY

- H. 21. HISTORY OF THE UNITED STATES TO 1865. (3)
 June 27-Aug. 16.
 Section 1—M.T.Th.F., 8:00; RR-2. (Campbell.)
 Section 2—M.T.Th.F., 8:00; RR-16. (Farrell.)
 Section 3—M.T.Th.F., 9:30; RR-23. (Staff.)
 Section 4—M.T.Th.F., 11:00; RR-16. (Campbell.)
 Section 5—T.Th., 7:00-9:50 p.m.; Q-107. (Staff.)
- H. 22. HISTORY OF THE UNITED STATES SINCE 1865. (3)
 June 27-Aug. 16. (Staff.)
 Section 1—M.T.Th.F., 8:00; RR-23. (Staff.)
 Section 2—M.T.Th.F., 8:00; RR-24. (Staff.)
 Section 3—M.T.Th.F., 9:30; RR-24. (Staff.)
 Section 4—M.W., 7:00-9:50 p.m.; Q-107. (Staff.)
- H. 23. SOCIAL AND CULTURAL HISTORY OF EARLY AMERICA. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; RR-22. (Staff.)
- H. 24. SOCIAL AND CULTURAL HISTORY OF MODERN AMERICA. (3)
 June 27-Aug. 16; M.T.Th.F., 11:00; RR-22. (Staff.)
- H. 29. THE UNITED STATES IN WORLD AFFAIRS. (3)
 June 27-Aug. 16; M.T.Th.F., 11:00; RR-24. (Staff.)
- H. 32. LATIN AMERICAN HISTORY. (3)
 June 27-Aug. 16; M.T.Th.F., 11:00; RR-113. (Staff.)
- H. 41. WESTERN CIVILIZATION. (3)
 June 27-Aug. 16; M.T.Th.F. (Staff.)
 Section 1—8:00; RR-24. (Staff.)
 Section 2—8:00; RR-22. (Staff.)
 Section 3—9:30; RR-24. (Staff.)
- H. 42. WESTERN CIVILIZATION. (3)
 June 27-Aug. 16; M.T.Th.F. (Staff.)
 Section 1—8:00; RR-115. (Staff.)
 Section 2—9:30; RR-115. (Staff.)
 Section 3—11:00; RR-115. (Staff.)
- H. 53. HISTORY OF ENGLAND AND GREAT BRITAIN. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; RR-113. (Staff.)
- H. 54. HISTORY OF ENGLAND AND GREAT BRITAIN. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; RR-113. (Staff.)
- H. 62. FAR EASTERN CIVILIZATION. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; RR-20. (Folsom.)

- H. 71. ISLAMIC CIVILIZATION. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; RR-15. (Rivlin.)
- H. 72. ISLAMIC CIVILIZATION. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-15. (Rivlin.)
- H. 101. AMERICAN COLONIAL HISTORY. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; RR-21. (Staff.)
- H. 115. HISTORY OF THE SOUTH. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-5. (Farrell.)
- H. 116. THE CIVIL WAR. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; RR-114. (Staff.)
- H. 118. RECENT AMERICAN HISTORY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-21. (Staff.)
- H. 119. RECENT AMERICAN HISTORY. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; RR-21. (Staff.)
- H. 128. DIPLOMATIC HISTORY OF THE UNITED STATES. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; T-103. (Staff.)
- H. 134. THE HISTORY OF IDEAS IN AMERICA. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-7. (Staff.)
- H. 147. HISTORY OF MEXICO AND THE CARIBBEAN. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; T-108. (Staff.)
- H. 170. EUROPE IN THE NINETEENTH CENTURY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-20. (Staff.)
- H. 172. EUROPE IN THE WORLD SETTING OF THE TWENTIETH CENTURY. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; A-52. (Staff.)
- H. 188. HISTORY OF CHINA. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-114. (Folsom.)
- H. 200. HISTORIOGRAPHY: TECHNIQUES OF HISTORICAL RESEARCH AND WRITING. (3)
Arranged. (Staff.)
- H. 224. SEMINAR IN RECENT AMERICAN HISTORY. (3)
Arranged. (Staff.)
- H. 272. SEMINAR IN THE HISTORY OF WORLD WAR II. (3)
Arranged. (Staff.)
- H. 399. RESEARCH. (1-6)
Arranged. (Staff.)

MATHEMATICS

- MATH. 3. FUNDAMENTALS OF MATHEMATICS. (4)
June 26-Aug. 16; Daily. Prerequisite, satisfactory performance on the SAT mathematics test, or Math 1.
- Section 1—8:00; Y-4. (Staff.)
- Section 2—9:30; Y-4. (Staff.)
- Section 3—9:30; Y-28. (Staff.)
- Section 4—9:30; Y-14. (Staff.)

MATH. 10. INTRODUCTION TO MATHEMATICS. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisite, 2½ years of college preparatory mathematics and satisfactory performance on the SAT mathematics test, or Math. 1. Open to students not majoring in mathematics or the physical or engineering sciences.

- Section 1—8:00; Y-14. (Staff.)
- Section 2—8:00; Y-17. (Staff.)
- Section 3—9:30; Y-17. (Staff.)
- Section 4—9:30; Y-18. (Staff.)
- Section 5—9:30; Y-2. (Staff.)
- Section 6—11:00; Y-2. (Staff.)
- Section 7—11:00; Y-4. (Staff.)

MATH. 11. INTRODUCTION TO MATHEMATICS. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisite, Math. 10. Math. 11 is a continuation of Math. 10.

- Section 1—8:00; Y-18. (Staff.)
- Section 2—8:00; Y-5. (Staff.)
- Section 3—9:30; Y-5. (Staff.)
- Section 4—11:00; Y-5. (Staff.)

MATH. 18. INTRODUCTORY ANALYSIS. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisite, 2½ years of college preparatory mathematics and an appropriate score on the SAT mathematics test, or Math. 1. An introductory course for students not qualified to start Math. 19.

- Section 1—8:00; Y-26. (Staff.)
- Section 2—11:00; Y-28. (Staff.)

MATH. 19. ANALYSIS I. (4)

June 26-Aug. 16; Daily. Prerequisite, 3½ years of college preparatory mathematics or Math. 18.

- Section 1—8:00; Y-27. (Staff.)
- Section 2—8:00; Y-13. (Staff.)
- Section 3—11:00; Y-17. (Staff.)

MATH. 20. ANALYSIS II. (4)

June 26-Aug. 16; Daily. Prerequisite, Math. 19 or equivalent.

- Section 1—9:30; Y-26. (Staff.)
- Section 2—9:30; Y-27. (Staff.)
- Section 3—9:30; Y-13. (Staff.)

MATH. 21. ANALYSIS III. (4)

June 26-Aug. 16; Daily. Prerequisite Math. 20 or equivalent.

- Section 1—9:30; Y-15. (Staff.)
- Section 2—11:00; Y-26. (Staff.)

MATH. 22. ANALYSIS IV. (4)

June 26-Aug. 16; Daily. Prerequisite, Math. 21 or equivalent.

- Section 1—11:00; Y-18. (Staff.)
- Section 2—11:00; Y-27. (Staff.)

MATH. 30. ELEMENTS OF MATHEMATICS. (4)

June 26-Aug. 16; Daily. Prerequisite, one year of college preparatory algebra. Required for majors in elementary education and open only to students in this field.

- Section 1—8:00; Y-15. (Staff.)
- Section 2—9:30; J-154. (Staff.)
- Section 3—9:30; J-170. (Staff.)

- MATH. 31. ELEMENTS OF GEOMETRY. (4)
 June 26-Aug. 16; Daily. Prerequisite, Math. 30 or equivalent.
 Section 1—9:30; J-244. (Staff.)
 Section 2—11:00; Y-13. (Staff.)
- MATH. 66. DIFFERENTIAL EQUATIONS FOR SCIENTISTS AND ENGINEERS. (3)
 June 27-Aug. 16; M.T.Th.F. Prerequisite, Math. 21 or equivalent. (Staff.,
 Section 1—9:30; J-270.
 Section 2—9:30; J-272.
- MATH. 100. VECTORS AND MATRICES. (3)
 June 27-Aug. 16; M.T.Th.F., 11:00; Y-14. Prerequisite, Math. 21 or Math. 15.
 (Staff.)
- MATH. 103. INTRODUCTION TO ABSTRACT ALGEBRA. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; Y-101. (Staff.)
- MATH. 128. EUCLIDEAN GEOMETRY. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; Y-2. Prerequisite, Math. 21 or consent of
 instructor. (Staff.)
- MATH. 146. FUNDAMENTAL CONCEPTS OF MATHEMATICS (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; Y-19. Prerequisite, Math. 21 or consent
 of instructor. (Staff.)
- MATH. 181. INTRODUCTION TO NUMBER THEORY. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; C-134. Prerequisite, one year of college
 mathematics or consent of instructor. Not open to students seeking a major
 directly in the physical sciences, since the course content is usually covered else-
 where in their curriculum. (Staff.)
- MATH. 182. INTRODUCTION TO ALGEBRA. (3)
 July 1-Aug. 9; Daily, 8:00; E-305. Open only to participants in the N.S.F.
 Institute in Mathematics for Junior High School Teachers in Mathematics.
 (Good.)
- MATH. 183. INTRODUCTION TO GEOMETRY. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; C-134. Prerequisite, one year of college
 mathematics or consent of instructor. Not open to students seeking a major
 directly in the physical sciences, since the course content is usually covered else-
 where in their curriculum. (Staff.)
- MATH. 185. SELECTED TOPICS IN MATHEMATICS. (3)
 June 24-Aug. 2; Daily, 9:30. Open only to participants in the N.S.F. Institute
 in Mathematics for Elementary School Teachers. (Staff.)
- MATH. 189. NATIONAL SCIENCE FOUNDATION SUMMER INSTITUTE FOR TEACHERS OF
 SCIENCE AND MATHEMATICS SEMINAR. (3)
 Section 1—July 1-Aug. 9; Daily, 1:00; E-305. Open only to participants in the
 N.S.F. Institute in Mathematics for Junior High School Teachers of Mathe-
 matics. (Staff.)
 Section 2—June 24-Aug. 2; Daily, 1:00. Open only to participants in the N.S.F.
 Institute in Mathematics for Elementary School Teachers. (Staff.)
- MATH. 190. HONORS SEMINAR. (2)
 June 28-Aug. 16; M.F., Time to be arranged. Prerequisite, permission of the
 department Honors Committee. (Staff.)

STAT. 100. APPLIED PROBABILITY AND STATISTICS I. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; Y-19. Prerequisite, Math. 15 or Math. 21.
(Staff.)

STAT. 101. APPLIED PROBABILITY AND STATISTICS II. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; Y-19. Prerequisite, Stat. 100. (Staff.)

MICROBIOLOGY

MICB. 1. GENERAL MICROBIOLOGY. (4)

June 27-Aug. 16. M.T.Th.F. Four lectures and four two-hour laboratory periods a week. Lecture, 8:00; T-5. Laboratory, 9:00, 11:00; T-210. (Cook.)

MICB. 181. MICROBIOLOGICAL PROBLEMS. (3)

June 27-Aug. 16. Arranged. Six two-hour laboratory periods a week. Prerequisite, 16 credits in Microbiology. Registration only upon consent of the instructor. (Faber.)

MICB. 399. RESEARCH. (1-6)

Arranged. (Staff.)

*MUSIC**

MUSIC 8. THEORY OF MUSIC. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; NN-208. Prerequisite, Music 7. (Payerle.)

MUSIC 9F. UNIVERSITY CHORUS. (1)

June 27-Aug. 16; M., 7:00-10:00 p.m.; NN-205. (Traver.)

MUSIC 16. FUNDAMENTALS FOR THE CLASSROOM TEACHER. (3)

June 26-Aug. 2; Daily.
Section 1—9:30; NN-205. (Shelley.)
Section 2—11:00; NN-205. (Wachhaus.)

MUSIC 20. SURVEY OF MUSIC LITERATURE. (3)

June 27-Aug. 16; M.T.Th.F. Open to all students except music and music education majors, and may be taken to satisfy the fine arts option in the general education program.
Section 1—8:00; NN-208. (Shreiber.)
Section 2—11:00; NN-208. (Payerle.)

MUSIC 141. MUSICAL FORM. (3)

June 26-Aug. 2. Daily, 8:00; NN-210. Prerequisites, Music 70 and 71. (Bernstein.)

MUSIC 160S. WORKSHOP IN CHORAL CONDUCTING. (2-3)

June 26-July 19; M.T.W.Th.; 2:30-4:30 and M. 7:00-10:00 p.m.; NN-205. (Traver.)

MUSIC 163. CONTEMPORARY MUSIC. (3)

June 26-Aug. 2. Daily, 9:30; NN-202. Prerequisites, Music 102, 121, or the equivalent. (May.)

MUSIC 166. SURVEY OF THE OPERA. (3)

June 26-Aug. 2. Daily, 11:00; NN-210. Prerequisites, Music 120, 121, or the equivalent. (Bernstein.)

*For Music Education see Page 76.



MUSIC 200. ADVANCED STUDIES IN THE HISTORY OF MUSIC: CLASSICAL-ROMANTIC PERIOD. (3)

June 26-Aug. 2; Daily, 9:30; NN-304. Prerequisites, Music 120, 121, and consent of instructor. (McCorkle.)

MUSIC 201. SEMINAR IN MUSIC: BRAHMS. (3)

June 26-Aug. 2; Daily, 12:30; NN-304. Prerequisites, Music 120, 121, and consent of instructor. (McCorkle.)

MUSIC 399. RESEARCH. (2-6)

(Staff.)

APPLIED MUSIC.

Arranged. A student taking applied music for the first time at this University should register for Music 999. He will receive the proper classification at the end of the summer session.

Every student taking an applied music course should, in addition to registering for the first time at this University should register for Music 999. He will receive the proper classification at the end of the summer session.

A. Piano
B. Voice

C. Flute
D. Clarinet
E. Horn

F. Trumpet
G. Organ

MUSIC 12, 13, 52, 53, 112, 113, 152, 153, 212, 213, 312, 313, 314, 999. APPLIED MUSIC. (2 each course)

Hours to be arranged with instructor on first day of classes, NN-201. Prerequisite, the next lower course on the same instrument. One and one-half hours of lesson time and a minimum of twelve practice hours per week for eight weeks. Supplementary fee of \$40.00 for each course. (Staff.)

PHILOSOPHY

PHIL. 1. INTRODUCTION TO PHILOSOPHY. (3)

June 27-Aug. 16.

Section 1—M.T.Th.F., 9:30; T-118.

(Leshner.)

Section 2—M.T.Th.F., 11:00; NN-320.

(Odell.)

Section 3—M.Th., 7:00-9:50 p.m.; T-118.

(Staff.)

PHIL. 41. ELEMENTARY LOGIC AND SEMANTICS. (3)

June 27-Aug. 16.

Section 1—M.T.Th.F., 11:00; T-202.

(Celarier.)

Section 2—M.Th., 7:00-9:50 p.m.; Q-122.

(Odell.)

PHIL. 45. ETHICS. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; T-203.

(Roelofs.)

PHIL. 55. SYMBOLIC LOGIC I. (3)

June 26-Aug. 16; M.T.Th.F., 9:30; T-201. An introduction to the formal analysis of deductive reasoning through formalization of arguments, truth table and natural deduction techniques for propositional logic and quantification theory, including identity and definite descriptions. (Varnedoe.)

PHIL. 101. ANCIENT PHILOSOPHY. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; T-203. Prerequisites, Phil. 1 and either one additional course in philosophy or senior standing. (Celarier.)

- PHIL. 102. MODERN PHILOSOPHY. (3)
June 27-Aug. 16; M.T.Th.F., 12:30; T-201. Prerequisites, Phil. 1 and either one additional course in philosophy or senior standing. (Varnedoe.)
- PHIL. 151. ETHICAL THEORY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; T-203. Prerequisite, Phil. 45. (Roelofs.)
- PHIL. 194. TOPICAL INVESTIGATION. (1-3)
Arranged. (Staff.)
- PHIL. 292. SELECTED PROBLEMS IN PHILOSOPHY. (1-3)
Arranged. Prerequisite, consent of instructor. (Staff.)
- PHIL. 399. RESEARCH IN PHILOSOPHY. (1-3)
Arranged. (Staff.)

PHYSICS AND ASTRONOMY

- ASTR. 1. INTRODUCTION TO ASTRONOMY. (3)
June 26-Aug. 2. Lecture, M.T.W., 7:30-9:00 P.M.; Laboratory, Th. 7:30-9:30 p.m.; Z-140. (Staff.)
- ASTR. 150. SPECIAL PROBLEMS IN ASTRONOMY.
Arranged. Prerequisite, major in physics or astronomy and/or consent of advisor. Research or special study. Credit according to work accomplished. (Staff.)
- ASTR. 190. HONORS SEMINAR.
Arranged. Enrollment is limited to students admitted to the Honors Programs in Astronomy. Credit according to work assigned. (Staff.)
- ASTR. 399. RESEARCH. (1-6)
Arranged. Credit according to work assigned. (Staff.)
- PHYS. 10. FUNDAMENTALS OF PHYSICS. (4)
June 26-Aug. 16; Daily, 8:00; C-132. Lab. Sections T.Th., 10-12 or M.W. 2-4; Z-362. Six lecture sessions and two recitation sessions plus 4 hours of laboratory per week. Prerequisite, entrance credit in trigonometry or Math 11 or concurrent enrollment in Math. 18. (Staff.)
- PHYS. 30. GENERAL PHYSICS: MECHANICS AND PARTICLE DYNAMICS. (3)
June 27-Aug. 16. Lecture, M.T.Th.F., 9:30; C-132. Recitation, W. 8:00; Z-147; 10:00; C-132; W. 1:00; C-132. Prerequisite, Math 19 or concurrent enrollment in Math. 19. (Staff.)
- PHYS. 150. SPECIAL PROBLEMS IN PHYSICS. SECTION 1.
Arranged. Research or special study. Prerequisite, major in physics and consent of Department Chairman. (Staff.)
- PHYS. 190. INDEPENDENT STUDIES SEMINAR.
Arranged. Credit according to work accomplished. (Staff.)

- PHYS. 230. SEMINAR. (1)
Arranged. One two-hour class per week. (Staff.)
- PHYS. 248. SPECIAL TOPICS IN MODERN PHYSICS. (2)
Arranged. Two two-hour lectures per week. (Staff.)
- PHYS. 399. RESEARCH. (1-6)
Arranged. Credit according to work accomplished. (Staff.)

PSYCHOLOGY

- PSYCH. 1. INTRODUCTION TO PSYCHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F.
Section 1—8:00; A-52.
Section 2—9:30; RR-16. (Hafetz, Vetter.)
- PSYCH. 5. PERSONALITY AND ADJUSTMENT. (3)
June 27-Aug. 16; M.T.Th.F. Prerequisite, Psych. 1.
Section 1—8:00; RR-20.
Section 2—9:30; M-105. (Smith, Hafetz.)
- PSYCH. 21. SOCIAL PSYCHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; M-105. Prerequisite, Psych. 1. (Vetter.)
- PSYCH. 25. CHILD PSYCHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; T-202. Prerequisite, Psych. 1. (Scholnick.)
- PSYCH. 90. STATISTICAL METHODS IN PSYCHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; T-103. Prerequisite Psych. 1 and Math. 1,
or 5 or 10 or equivalent. (Larkin.)
- PSYCH. 110. EDUCATIONAL PSYCHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; RR-23. Prerequisite Psych. 1. (Yarczower.)
- PSYCH. 131. ABNORMAL PSYCHOLOGY. (3)
June 26-Aug. 16; M.T.Th.F., 8:00; M-105. Prerequisite, two courses in
Psychology. (Scholnick.)
- PSYCH. 148. PSYCHOLOGY OF LEARNING.
June 27-Aug. 16; M.T.Th.F., 9:30; T-10. Prerequisite, Psych. 145 and per-
mission or Psych. 146. (Yarczower.)
- PSYCH. 151. PSYCHOLOGY OF INDIVIDUAL DIFFERENCES. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; RR-114. Prerequisite, Psych. 150. (Waldrop.)
- PSYCH. 191. SENIOR SEMINAR. (3)
Arranged. Prerequisite, senior standing and consent of instructor. (Staff.)
- PSYCH. 194. INDEPENDENT STUDY IN PSYCHOLOGY. (1-3)
Arranged. Prerequisites, advanced standing and written consent of individual
faculty supervisor. (Staff.)
- PSYCH. 195S. MINOR PROBLEMS IN PSYCHOLOGY. (1-3)
Arranged. Prerequisites, advanced standing and written consent of individual
faculty supervisor. (Staff.)
- PSYCH. 221. SEMINAR IN COUNSELING PSYCHOLOGY. (3)
June 26-Aug. 16; M.W., 7:00-9:00 p.m.; Q-129. (Waldrop.)

- PSYCH. 257. SEMINAR IN QUANTITATIVE PSYCHOLOGY. (3)
Arranged. Prerequisite, Psych. 253. (Larkin.)
- PSYCH. 267. THEORIES OF PERSONALITY. (3)
Arranged. M.T., 9:30-12:30. (Smith.)
- PSYCH. 288. SPECIAL RESEARCH PROBLEMS. (1-4)
Arranged. Requires graduate standing and consent of individual faculty supervisor. (Staff.)
- PSYCH. 399. THESIS. (1-6)
Arranged. (Staff.)

SOCIOLOGY

Sociology 1 or its equivalent is required for all other courses.

- SOC. 1. INTRODUCTION TO SOCIOLOGY. (3)
June 27-Aug. 16; M.T.Th.F.
Section 1—9:30; A-320. (Hunt.)
Section 2—11:00; A-258. (Simons.)
Section 3—12:30; Q-104. (Frederico.)
- SOC. 2. PRINCIPLES OF SOCIOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 12:30; Q-107. (Lengermann.)
- SOC. 51. SOCIAL PATHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; A-324. Prerequisite, sophomore standing. (Pease.)
- SOC. 52. CRIMINOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; A-321. (Wilson.)
- SOC. 62. SOCIAL INSTITUTIONS. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; A-324. (Staff.)
- SOC. 111. SOCIOLOGY OF OCCUPATIONS AND CAREERS. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; A-320. (Lengermann.)
- SOC. 141. SOCIOLOGY OF PERSONALITY. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; A-258. (Simons.)
- SOC. 153. JUVENILE DELINQUENCY. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; A-321. (Lejins.)
- SOC. 154. CRIME AND DELINQUENCY PREVENTION. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; A-321. Prerequisite, Soc. 52 or Soc. 153 or consent of instructor. (Wilson.)
- SOC. 162. SOCIAL STRATIFICATION. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; A-324. (Pease.)
- SOC. 186. SOCIOLOGICAL THEORY. (3)
June 27-Aug. 16; M.T.Th.F., 9:20; A-258. (Hunt.)
- SOC. 191. SOCIAL FIELD TRAINING. (1-3)
June 26-Aug. 16; by arrangement. Enrollment restricted to available placements. (Staff.)

SOC. 291. SPECIAL SOCIAL PROBLEMS.

Arranged.

(Staff.)

SOC. 399. RESEARCH.

Arranged.

(Staff.)

ANTHROPOLOGY

ANTH. 1. INTRODUCTION TO ANTHROPOLOGY; ARCHEOLOGY AND PHYSICAL ANTHROPOLOGY. (3)

June 27-Aug. 16; M.T.Th.F., 12:30; Q-122.

(Anderson.)

ANTH. 2. INTRODUCTION TO ANTHROPOLOGY: CULTURAL ANTHROPOLOGY AND LINGUISTICS. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; A-167.

(Williams.)

ANTH. 101. CULTURAL ANTHROPOLOGY: PRINCIPALS AND PROCESSES. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; A-167. Prerequisite, Anth. 1, 2, or 21.

(Hoffman.)

ANTH. 102. CULTURAL ANTHROPOLOGY: WORLD ETHNOGRAPHY. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; A-167.

(Anderson.)

SPEECH

SPEECH 1. PUBLIC SPEAKING. (3)

June 27-Aug. 16. Prerequisite for advanced speech courses.

Section 1—M.T.Th.F., 8:00; NN-22A.

(Makay.)

Section 2—M.T.Th.F., 8:00; NN-22B.

(Kirkley.)

Section 3—M.T.Th.F., 9:30; NN-22A.

(Scher.)

Section 4—M.T.Th.F., 9:30; NN-22B.

(Frank.)

Section 5—M.T.Th.F., 11:00; NN-22A.

(Tinkow.)

Section 6—M.T.Th.F., 12:30; NN-22A.

(Schwartz.)

Section 7—M.Th., 7:00-9:50 p.m.; NN-22B.

(O'Leary.)

SPEECH 3. FUNDAMENTALS OF GENERAL AMERICAN SPEECH. (3)

June 26-Aug. 2; Daily, 9:30; NN-13.

(Blom.)

SPEECH 13. ORAL INTERPRETATION. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; NN-102.

(Lea.)

SPEECH 16. INTRODUCTION TO THE THEATRE. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; NN-55.

(Pugliese.)

SPEECH 105. SPEECH HANDICAPPED SCHOOL CHILDREN. (3)

June 26-Aug. 2; Daily, 11:00; NN-13.

(Blom.)

SPEECH 106. CLINICAL PRACTICE. (1-3)

June 28-Aug. 2; T.F., 12:30 and arranged; NN-22B. Prerequisite, Speech 105.

(Waghelstein.)

SPEECH 111. SEMINAR. (3)

Arranged. Prerequisites, senior standing and consent of instructor. (Strausbaugh.)

SPEECH 126. SEMANTIC ASPECTS OF SPEECH IN HUMAN RELATIONS. (3)

June 26-Aug. 2; Daily, 9:30; NN-4. Prerequisite, one course in public speaking.

(Hendricks)

- SPEECH 127. CHILDREN'S DRAMATICS. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; NN-122. (Meersman.)
- SPEECH 140. PRINCIPLES OF TELEVISION PRODUCTION. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; NN-44. (Aylward.)
- SPEECH 201C. SPECIAL PROBLEMS SEMINAR: DELAYED SPEECH. (3)
June 26-Aug. 2; Daily, 11:00; NN-4. Prerequisite, graduate standing in speech and hearing science. (Staff.)
- SPEECH 201K. SPECIAL PROBLEMS SEMINAR: MINOR RESEARCH PROBLEMS. (3)
June 26-Aug. 2; Daily, 12:30; NN-4. Prerequisites, Speech 202 and Speech 203. (Baker.)
- SPEECH 211A. ADVANCED CLINICAL PRACTICE. (Speech Therapy) (1-3)
Arranged. Prerequisites, 12 hours of speech therapy. (Wahlegenstein.)
- SPEECH 211B. ADVANCED CLINICAL PRACTICE. (Audiology) (1-3)
Arranged. Prerequisites, 12 hours of audiology. (Doudna.)
- SPEECH 226. LANGUAGE PROBLEMS OF THE EXCEPTIONAL CHILD. (3)
June 26-Aug.2; Daily, 9:30; NN-102. Prerequisite, 6 hours of speech pathology. (Staff.)
- SPEECH 290. INDEPENDENT STUDY. (1-3)
Arranged. Prerequisite, consent of instructor. (Staff.)
- SPEECH 301. INDEPENDENT STUDY IN SPEECH AND HEARING SCIENCE. (1-6)
Arranged. Prerequisite, 30 hours of graduate study in speech and hearing science.
- SPEECH 399. RESEARCH. (1-6)
Arranged. (Staff.)

ZOOLOGY

- ZOOL. 1. GENERAL ZOOLOGY. (4)
June 27-Aug. 16; Lecture M.T.Th.F., 8:00; N-201. Zool. 1 and 2 satisfy the freshman pre-medical requirement in general biology. (Kaufman.)
Lab section 1—T.Th., 9:30-11:30; CC-101. (Staff.)
Lab section 2—T.Th., 9:30-11:30; CC-107. (Staff.)
Lab section 3—T.Th., 1:00- 3:00; CC-108. (Staff.)
Lab section 4—T.Th., 1:00- 3:00; CC-109. (Staff.)
- ZOOL. 2. THE ANIMAL PHYLA. (4)
June 27-Aug. 16; Lecture M.T.Th.F., 8:00; F-112. Prerequisite, Zool. 1 or Bot.
1. (Staff.)
Lab section 1—M.T.Th.F., 9:00-11:00; CC-110. (Staff.)
Lab section 2—M.T.Th.F., 9:00-11:00; CC-115. (Staff.)
- ZOOL. 6. GENETICS. (4)
June 27-Aug. 16; Lecture and Discussion M.T.Th.F., 11:00-12:20; A-167. Prerequisites, one course in zoology or botany. (Staff.)
Lab section 1—M.F., 8:00-10:00; R-203. (Staff.)
Lab section 2—M.F., 8:00-10:00; R-204. (Staff.)

- ZOOL. 55S. DEVELOPMENT OF THE HUMAN BODY. (2)
June 27-Aug. 16; M.T.Th.F., 9:30; T-5. (Staff.)
- ZOOL. 104. VERTEBRATE PHYSIOLOGY. (4)
June 27-Aug. 16; Lecture M.T.Th.F., 8:00-9:20. Prerequisites, one year of zoology and one semester of organic chemistry. (Grollman.)
Lab. section 1—T.Th., 9:30-12:30; R-112. (Staff.)
Lab. section 2—M.F., 9:30-12:30; R-112. (Staff.)
- ZOOL 120. VERTEBRATE EMBRYOLOGY. (4)
June 27-Aug. 16; Lecture M.T.Th.F., 11:00; T-5. Laboratory, M.T.Th.F., 8:00-11:00; R-202. Prerequisite, one year of zoology. (Ramm.)
- *ZOOL. 130. HYDROBIOLOGY. (4)
Arranged. Prerequisite, one year of biology or permission of instructor. Enrollment limited to 15 students. (Staff.)
- ZOOL. 150. SPECIAL PROBLEMS IN ZOOLOGY. (1 or 2)
Prerequisite, major in zoology or biological sciences, a minimum of 3.0 cumulative average in the biological sciences, and consent of the instructor. A student may register several times and receive up to 8 semester hours of credit.
Section 1—Arranged. (Staff.)
Section 2*—Arranged. (Staff.)
- ZOOL. 152H. HONORS INDEPENDENT STUDY. (1-4)
Arranged. Prerequisites, participation in honors program. Repeatable to a total of 12 hours credit. (Staff.)
- ZOOL. 153H. HONORS RESEARCH. (1-2)
Arranged. Prerequisites, participation in honors program. Repeatable to a total of 8 hours credit. (Staff.)
- ZOOL. 208. SPECIAL PROBLEMS IN ZOOLOGY.
Section 1—Arranged. (Staff.)
Section 2*—Arranged. Available in fisheries, parasitology, systematics, ecology, and general zoology. (Staff.)
- ZOOL. 399. RESEARCH.
Arranged. Research on thesis project only. (Staff.)

BUSINESS AND PUBLIC ADMINISTRATION

BUSINESS ADMINISTRATION

- B.A. 000. MANAGERIAL MATHEMATICS WORKSHOP. (0)
June 27-Aug. 16; M.Th., 7-9:30 P.M.; Q-27. This course is billed for 3 credit hours. (Mattheiss.)
- B.A. 10. BUSINESS ENTERPRISE. (3)
June 27-Aug. 16; M.T.Th.F.
Section 1—11:00; FF-20. (Staff.)
Section 2—11:00; Q-133. (Staff.)

* Offered at the Chesapeake Biological Laboratory, June 26 to August 2. Address inquiries to: Director, Chesapeake Biological Laboratory, Box 38, Solomons, Maryland.

- B.A. 20. PRINCIPLES OF ACCOUNTING. (3)
 June 27-Aug. 16. Prerequisite, sophomore standing.
 Section 1—M.T.Th.F., 9:30; Q-122. (Staff.)
 Section 2—M.W., 7:00-9:50 p.m.; Q-123. (Staff.)
- B.A. 21. PRINCIPLES OF ACCOUNTING. (3)
 June 27-Aug. 16; M.T.Th.F. Prerequisite, sophomore standing.
 Section 1—8:00; Q-104. (Staff.)
 Section 2—8:00; Q-133. (Staff.)
- B.A. 110. INTERMEDIATE ACCOUNTING. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; A-320. Prerequisite, B.A. 21. (Staff.)
- B.A. 111. INTERMEDIATE ACCOUNTING. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; Q-122. Prerequisite, B.A. 21. (Edelson.)
- B.A. 120. ACCOUNTING SYSTEMS. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; Q123. Given only in the summer session. (Staff.)
- B.A. 123. INCOME TAX ACCOUNTING. (3)
 June 26-Aug. 16; M.T.Th.F., 9:30; FF-22. Prerequisite, B.A.21. (Edelson.)
- B.A. 126. ADVANCED ACCOUNTING.
 June 26-Aug. 16; M.T.Th.F., 11:00; Q-122. Prerequisite, B.A. 111. (Staff.)
- B.A. 130. BUSINESS STATISTICS I. (3)
 June 27-Aug. 16; M.T.Th.F. Prerequisite, junior standing.
 Section 1— 8:00; Q-103. (Staff.)
 Section 2— 9:30; Q-103. (Staff.)
 Section 3—11:00; Q-103. (Staff.)
 Section 4—12:30; Q-103. (Staff.)
 Section 5—2:00; Q-103. (Staff.)
- B.A. 140. BUSINESS FINANCE. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—8:00; F-104. (Staff.)
 Section 2—8:00; F-103. (Staff.)
- B.A. 149. MARKETING PRINCIPLES AND ORGANIZATION. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—9:30; Q-123. (Ashman.)
 Section 2—9:30; F-104. (Staff.)
- B.A. 151. ADVERTISING. (3)
 June 27-Aug. 16; M.T.Th.F., 12:30; Q-123. Prerequisite, B.A. 149 or consent of instructor. (Staff.)
- B.A. 160. PERSONNEL MANAGEMENT I. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—12:30; Q-129. (Staff.)
 Section 2—12:30; Q-130. (Staff.)
- B.A. 163. LABOR RELATIONS. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; Q-133. (Staff.)
- B.A. 168. MANAGEMENT AND ORGANIZATION THEORY. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—11:00; Q-28. (Staff.)
 Section 2—11:00; Q-130. (Staff.)

- B.A. 170. PRINCIPLES OF TRANSPORTATION. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; G-109B. (Staff.)
- B.A. 180. BUSINESS LAW. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—8:00; Q-28. (Dawson.)
 Section 2—8:00; G-205. (Brabham.)
- B.A. 181. BUSINESS LAW. (3)
 June 26-Aug. 16; M.T.T.F., 9:30; G-109B. (Dawson.)
- B.A. 189. BUSINESS AND GOVERNMENT. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—11:00; G-109A. (Staff.)
 Section 2—11:00; Q-104. (Staff.)
- B.A. 199. BUSINESS POLICIES. (3)
 June 27-Aug. 16; M.T.Th.F. Prerequisite, senior standing.
 Section 1—9:30; Q-28. (Staff.)
 Section 2—9:30; G-109A. (Staff.)
 Section 3—9:30; G-205. (Staff.)
- B.A. 256. QUANTITATIVE METHODS IN MARKETING. (3)
 June 27-Aug. 16; T.Th., 3:00-5:30; Q-104. M.B.A. candidates may register
 with permission of instructor. (Ashman.)
- B.A.260. MANAGEMENT PLANNING AND CONTROL SYSTEMS. (3)
 June 26-Aug. 16; W.F., 3:00-5:30; Q-104. (Lamone.)
- B.A. 282. PRODUCT, PRODUCTION AND PRICING POLICY. (3)
 June 26-Aug. 16; M.W., 12:30-3:00; Q-133. (Staff.)
- B.A. 298. INDEPENDENT STUDY IN BUSINESS ADMINISTRATION. (3)
 Arranged. (Staff.)

ECONOMICS

- ECON. 4. ECONOMIC DEVELOPMENTS. (3)
 June 27-Aug. 16; M.T.Th.F. No prerequisite.
 Section 1— 9:30; J-341. (Staff.)
 Section 2—11:00; Q-107. (Staff.)
- ECON. 31. PRINCIPLES OF ECONOMICS. (3)
 June 27-Aug. 16; M.T.Th.F. Prerequisite, sophomore standing.
 Section 1—8:00; Q-107. (Staff.)
 Section 2—9:30; J-302. (Staff.)
- ECON. 32. PRINCIPLES OF ECONOMICS. (3)
 June 27-Aug. 16; M.T.Th.F. Prerequisite, Econ. 31.
 Section 1—8:00; Q-129. (Staff.)
 Section 2—9:30; J-308. (Staff.)
- ECON. 37. FUNDAMENTALS OF ECONOMICS. (3)
 June 27-Aug. 16; M.T.Th. F. Prerequisite, sophomore standing. Not open to
 students who have credit in Econ. 31 and 32. Not open to B.P.A. students.
 Section 1—8:00; Q-209. (Staff.)
 Section 2—9:30; Q-108. (Staff.)

ECON. 102. NATIONAL INCOME ANALYSIS. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisite, Econ. 32. Required for Econ. majors.
(Staff.)

Section 1— 8:00; Q-232.

Section 2— 9:30; Q-107.

Section 3—11:00; RR-2.

ECON. 105. INTRODUCTION TO ECONOMIC DEVELOPMENT OF UNDERDEVELOPED AREAS. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; J-437. Prerequisite, Econ. 32 or 37. (Staff.)

ECON. 130. MATHEMATICAL ECONOMICS. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisites, Econ. 102 and 132, and one year of college mathematics.
(Staff.)

Section 1— 8:00; T-10.

Section 2— 8:00; Q-132.

Section 3—11:00; T-10.

ECON. 131. COMPARATIVE ECONOMIC SYSTEMS. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; J-355. Prerequisite, Econ. 32 or 37. (Staff.)

ECON. 132. INTERMEDIATE PRICE THEORY. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisite, Econ. 32. Required for economics majors.
(Staff.)

Section 1— 9:30; J-356.

Section 2— 9:30; J-360.

Section 3—11:00; T-118.

ECON. 140. MONEY AND BANKING. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; T-201. Prerequisite, Econ. 32 or 37. (Staff.)

ECON. 142. GOVERNMENT FINANCE. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; T-202. Prerequisite, Econ. 32 or 37. (Staff.)

ECON. 148. INTERNATIONAL ECONOMICS. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; J-153. Prerequisite, Econ. 32 or 37. (Staff.)

ECON. 160. LABOR ECONOMICS. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; FF-21. Prerequisite, Econ. 32 or 37. (Staff.)

ECON. 202. MACRO-ECONOMIC ANALYSIS. (3)

June 27-Aug. 16; M.T.Th.F. Prerequisite, Econ. 102. (Staff.)

Section 1— 9:30; Q-132.

Section 2—11:00; Q-132.

ECON. 211. QUANTITATIVE ECONOMICS I. (3)

Evening meeting hours arranged. Required of all Ph.D. majors in economics.
(Staff.)

ECON. 399. RESEARCH. (1-8)

Arranged. (Staff.)

GEOGRAPHY

GEOG. 10. GENERAL GEOGRAPHY I. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; Q-210. (Holmes.)

GEOG. 15. ECONOMIC GEOGRAPHY. (3)

June 27-Aug. 16; M.T.Th.F., 12:30; Q-210. (Holmes.)

- GEOG. 30. PRINCIPLES OF MORPHOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-210. (Kinerney.)
- GEOG. 42. FUNDAMENTALS OF METEOROLOGY AND CLIMATOLOGY. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; Q-210. Prerequisite, Geog. 10, or permission of the instructor. (Chaves.)
- GEOG. 101. REGIONAL GEOGRAPHY OF WESTERN ANGLO-AMERICA. (3)
June 26-Aug. 16; M.T.Th.F., 11:00; J-244. Prerequisite, Geog. 10 or Geog. 15, or permission of the instructor. (Kollmorgen.)
- GEOG. 103. GEOGRAPHIC CONCEPTS AND SOURCE MATERIALS. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; Q-232. (Kinerney.)
- GEOG. 106. SUMMER INSTITUTE IN GEOGRAPHY. (8)
June 26-Aug. 16; Daily, 8:30-12:00; Q-228. Open to NDEA participants only. (Staff.)
- GEOG. 125. GEOGRAPHY OF ASIA. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-232. (Hu.)
- GEOG. 126. CULTURAL GEOGRAPHY. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; Q-209. (Lawton.)
- GEOG. 190. POLITICAL GEOGRAPHY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-209. (Kollmorgen.)
- GEOG. 199. UNDERGRADUATE THESIS RESEARCH. (3)
Arranged. Limited to undergraduate majors in geography. (Hu.)
- GEOG. 202. SEMINAR IN ECONOMIC GEOGRAPHY. (3)
Arranged. Prerequisite, consent of instructor. (Lawton.)
- GEOG. 204. SEMINAR IN CULTURAL GEOGRAPHY. (3)
Arranged. Prerequisite, Geog. 126 or consent of instructor. (Chaves.)
- GEOG. 399. RESEARCH. (3)
Arranged. (Staff.)

GOVERNMENT AND POLITICS

- G. & P. 1. AMERICAN GOVERNMENT. (3)
June 27-Aug. 16. (Hathorn.)
Section 1—M.T.Th.F., 9:30; Q-129. (Hathorn.)
Section 2—M.T.Th.F., 9:30; Q-211. (Conway.)
Section 3—M.T.Th.F., 11:00; Q-129. (Soles.)
Section 4—T.Th., 7-9:50 p.m.; Q-133. (Glendening)
- G. & P. 3. PRINCIPLES OF GOVERNMENT AND POLITICS. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; Q-108. (Soles.)
- G. & P. 40. POLITICAL IDEOLOGIES. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-108. Prerequisite, G. & P. 1. (Heisler.)
- G. & P. 97. GOVERNMENTS AND POLITICS OF EUROPE. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; Q-213. Prerequisite, G. & P. 1. (Jacobs.)
- G. & P. 101. INTERNATIONAL POLITICAL RELATIONS. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; Q-104. Prerequisite, G. & P. 1. (Onyewu)

- G. & P. 106. AMERICAN FOREIGN RELATIONS. (3)
June 27-Aug. 16; M.Th., 7:00-9:50 p.m.; Q-132. Prerequisite, G. & P. 1. (Plischke.)
- G. & P. 107. CONTEMPORARY MIDDLE EASTERN POLITICS. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; Q-211. Prerequisite, G. & P. 1. (Koury.)
- G. & P. 110. PRINCIPLES OF PUBLIC ADMINISTRATION. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; Q-130. Prerequisite, G. & P. 1. (Dillon.)
- G. & P. 142. RECENT POLITICAL THEORY. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-213. Prerequisite, G. & P. 1. (Byrd.)
- G. & P. 154. PROBLEMS OF WORLD POLITICS. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-211. Prerequisite, G. & P. 1. (Koury.)
- G. & P. 160. STATE AND LOCAL ADMINISTRATION. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; Q-130. Prerequisite, G. & P. 1. (Stevens.)
- G. & P. 174. POLITICAL PARTIES. (3)
June 27-Aug. 16; M.T.Th.F., 8:00; Q-213. Prerequisite, G. & P. 1. (Conway.)
- G. & P. 192. GOVERNMENT AND POLITICS OF LATIN AMERICA. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; Q-123. Prerequisite, G. & P. 1. (Lanning.)
- G. & P. 201. SEMINAR IN INTERNATIONAL POLITICAL ORGANIZATION. (3)
June 27-Aug. 16; M.Th., 12:30; Q-369. (Plischke.)
- G. & P. 202. SEMINAR IN INTERNATIONAL LAW. (3)
June 28-Aug. 16; T.F., 12:30; Q-369. (Harrison.)
- G. & P. 203. FUNCTIONAL PROBLEMS IN INTERNATIONAL RELATIONS. (3)
June 27-Aug. 16; M.Th., 3:00 p.m., Q-369. (Jacobs.)
- G. & P. 208. SEMINAR IN THE GOVERNMENT AND POLITICS OF EMERGING NATIONS. (3)
June 27-Aug. 16; M.Th., 7:00 P.M.; Q-369. (Harrison.)
- G. & P. 213. PROBLEMS OF PUBLIC ADMINISTRATION. (3)
June 28-Aug. 16; T.F., 3:00; Q-369. (Dillon.)
- G. & P. 215. PROBLEMS OF STATE AND LOCAL GOVERNMENT. (3)
June 28-Aug. 16; T.F., 7:00 p.m., Q-369. (Stevens.)
- G. & P. 225. MAN AND THE STATE. (3)
June 27-Aug. 16; M.Th., 3:00; Q-504. Prerequisite, G. & P. 142. (Byrd.)
- G. & P. 261. PROBLEMS IN AMERICAN GOVERNMENT AND POLITICS. (3)
June 27-Aug. 16; M.Th., 12:30; Q-504. (Hathorn.)
- G. & P. 399. RESEARCH. (1-6)
Arranged. (Staff.)

JOURNALISM

- JOURN. 10. INTRODUCTION TO JOURNALISM. (3)
June 26-Aug. 2; Daily, 11:00; G-304. Prerequisites, at least average grade of C in Eng. 1 and 2 or 21; ability to type at least 40 words per minute. (Staff.)

- JOURN. 100. NEWS REPORTING. (3)
June 26-Aug. 2; Daily, 9:30; G-304. Prerequisite: type 30 words per minute.
(Noall.)
- JOURN. 152. ADVERTISING COPY AND LAYOUT. (3)
June 26-Aug. 2; Daily, 8:00; G-307. (Staff.)
- JOURN. 160. NEWS EDITING. (3)
June 26-Aug. 2; Daily, 11:00; G-305. (Crowell.)
- JOURN. 166. PUBLIC RELATIONS. (3)
June 26-Aug. 2; Daily, 8:00; G-309. (Singleton.)
- JOURN. 173. SCHOLASTIC JOURNALISM. (3)
June 26-Aug. 2; Daily, 8:00; G-304. (Crowell.)
- JOURN. 181. PRESS PHOTOGRAPHY. (3)
June 26-Aug. 2; Daily, 8:00-11:00; G-208. (Staff.)
- JOURN. 184. PHOTO COMMUNICATIONS. (3)
June 26-Aug. 2; Daily, 11:00; G-208. (Staff.)
- JOURN. 189S. SCHOLASTIC JOURNALISM WORKSHOP. (3)
June 26-July 12; Daily, 10:00-3:30; G-310; G-305. (Noall.)
- JOURN. 192. HISTORY OF AMERICAN JOURNALISM. (3)
June 26-Aug. 2; Daily, 12:30; G-309. (Staff.)

EDUCATION

EARLY CHILDHOOD-ELEMENTARY EDUCATION

- ECEED 105A. SCIENCE IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily, 9:30; OO-210. (Williams.)
- ECEED 105B. SCIENCE IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily, 8:00; QQ-210. (Blough.)
- ECEED 105B. SCIENCE IN THE ELEMENTARY SCHOOL. (2)
June 26-Aug. 2; Daily, 9:30; OO-011. Note: This section open to pre-service undergraduate only. (Eley.)
- ECEED 115. ACTIVITIES & MATERIALS IN EARLY CHILDHOOD EDUCATION. (3)
June 26-Aug. 2; Daily, 9:30; OO-126. (Stant.)
- ECEED 116. MUSIC IN EARLY CHILDHOOD EDUCATION. (3)
June 26-Aug. 2; Daily, 2:30; OO-105. (Shelley.)
- ECEED 121B. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily, 9:30; G-309. (Potterfield.)
- ECEED 121B. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. (2)
June 26-Aug. 2; Daily, 11:00; OO-127. Note: This section open to pre-service undergraduate only. (Potterfield.)
- ECEED 122B. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily, 11:00; OO-225. (Weaver.)
- ECEED 123A. THE CHILD AND THE CURRICULUM. (3)
June 26-Aug. 2; Daily, 11:00; OO-105. (Stant.)
- ECEED 123B. THE CHILD AND THE CURRICULUM. (3)
June 26-Aug. 2; Daily, 11:00; T-102. (Herman.)

- ECEED 124A. MATHEMATICS IN THE ELEMENTARY SCHOOL. (2)
June 26-Aug. 2; Daily, 9:30; OO-227. (Martin.)
- ECEED 124B. MATHEMATICS IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily.
Section 1—8:00; G-109. (Schindler.)
Section 2—9:30; OO-222. (Schindler.)
- ECEED 125. ART IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily, 8:00; OO-105. (Longley.)
- ECEED 152. LITERATURE FOR CHILDREN AND YOUNG PEOPLE. (3)
June 26-Aug. 2; Daily, 2:30; OO-222. (Roderick.)
- ECEED 153A. THE TEACHING OF READING. (2)
June 26-Aug. 2; Daily; 1:00; T-118. (Roderick.)
- ECEED 153B. THE TEACHING OF READING. (3)
June 26-Aug. 2; Daily.
Section 1—11:00; OO-303. (Hall.)
Section 2—1:00; OO-237. (Herman.)
- ECEED 200. SEMINAR IN ELEMENTARY EDUCATION. (3)
June 26-Aug. 2; Daily, 11:00; OO-321. ()
- ECEED 205. PROBLEMS IN TEACHING SCIENCE IN ELEMENTARY SCHOOLS. (3)
June 26-Aug. 2; Daily, 9:30; OO-022. (Blough.)
- ECEED 210. CURRICULUM PLANNING IN NURSERY-KINDERGARTEN
EDUCATION. (3)
June 26-Aug. 2; Daily, 8:00; OO-301. (Amershek.)
- ECEED 213. TEACHER-PARENT RELATIONSHIPS. (3)
June 26-Aug. 2; Daily, 9:30; FF-20. (Amershek.)
- ECEED 222. PROBLEMS OF TEACHING SOCIAL STUDIES IN ELEMENTARY
SCHOOLS. (3)
June 26-Aug. 2; Daily, 9:30; OO-225. (Weaver.)
- ECEED 224. PROBLEMS OF TEACHING MATHEMATICS IN ELEMENTARY SCHOOLS. (3)
June 26-Aug. 2; Daily, 8:00; OO-227. (Ashlock.)
- ECEED 227. DIAGNOSIS AND REMEDIATION OF ARITHMETIC DISABILITIES. (3)
June 26-Aug. 2; Daily, Arranged. Consent of Professor. (Ashlock.)

*EDUCATIONAL ADMINISTRATION, SUPERVISION
AND CURRICULUM*

- ED. 210. THE ORGANIZATION AND ADMINISTRATION OF PUBLIC EDUCATION. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; OO-223. (McLoone.)
- ED. 211. ORGANIZATION AND ADMINISTRATION OF SECONDARY SCHOOLS. (3)
June 27-Aug. 16; M.T.Th.F., 9:30; AA-12. (Anderson, J. P.)
- ED. 212. SCHOOL FINANCE AND BUSINESS EDUCATION. (3)
June 27-Aug. 16; Daily, 9:30; AA-14. (McLoone.)
- ED. 216. PUBLIC SCHOOL SUPERVISION. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; OO-220. (Anderson, J. P.)

- ED. 219. SEMINAR IN EDUCATIONAL ADMINISTRATION AND SUPERVISION. (2)
 July 26-Aug. 2; M.T.Th.F., 9:30; OO-220. (vanZwoll.)
- ED. 225. SCHOOL PUBLIC RELATIONS. (3)
 July 26-Aug. 2; Daily, 8:00; OO-303. (vanZwoll.)
- ED. 235. PRINCIPLES OF CURRICULUM DEVELOPMENT. (3)
 July 26-Aug. 2; Daily, 8:00; OO-126. (Berman.)

COUNSELING AND PERSONNEL SERVICES

- ED. 161. INTRODUCTION TO COUNSELING AND PUPIL SERVICES. (3)
 June 26-Aug. 2; Daily.
 Section 1—8:00; OO-225. (Staff.)
 Section 2—11:00; OO-301. (Stern.)
- ED. 162. MENTAL HYGIENE IN THE CLASSROOM. (3)
 June 26-Aug. 2; Daily.
 Section 1—8:00; AA-12. (Greenberg.)
 Section 2—9:30; OO-303. (Stern.)
- ED. 249. PERSONALITY THEORIES IN EDUCATION. (3)
 June 26-Aug. 2; Daily, 8:00; OO-321. (Staff.)
- ED. 250. CASES IN PUPIL APPRAISAL. (3)
 June 26-Aug. 2; Daily, 9:30; OO-321. (Woody.)
- ED. 253. OCCUPATIONAL CHOICE THEORY AND INFORMATION. (3)
 June 26-Aug. 2; Daily, 9:30; OO-036. (Ehrle.)
- ED. 254. ORGANIZATION AND ADMINISTRATION OF PUPIL SERVICES. (2)
 June 26-Aug. 2; Daily, 9:30; OO-223. (Greenberg.)
- ED. 260. SCHOOL COUNSELING: THEORETICAL FOUNDATION AND PRACTICE.
 June 26-Aug. 2; Daily, 11:00; OO-307. (Woody.)
- ED. 261. PRACTICUM IN COUNSELING. (2)
 Section 1—June 26-Aug. 2; Daily, 12:30; OO-307. (Rhoads.)
- ED. 269. COUNSELING AND PUPIL SERVICES SEMINAR. (2)
 June 26-Aug. 2; Daily, 12:30; OO-320. (Staff.)

GENERAL EDUCATION

- ED. 102. HISTORY OF EDUCATION IN THE UNITED STATES. (3)
 June 27-Aug. 11; M.T.Th.F., 8:00; FF-7 (Male.)
- ED. 107. PHILOSOPHY OF EDUCATION. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; FF-7. (Agre.)
- ED. 110. HUMAN DEVELOPMENT AND LEARNING. (6)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—8:00-10:50; O-236. (Hunt.)
 Section 2—9:30-12:20; F-101. (Gardner.)
- ED. 111. FOUNDATIONS OF EDUCATION. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—11:00; OO-126. (Agre.)
 Section 2—11:00; O-236. (Huden.)
 Section 3—8:00; O-240. (Lindsay.)
 Section 4—9:30; O-240. (Lindsay.)

- ED. 147. AUDIO-VISUAL EDUCATION. (3)
 June 26-Aug. 2; Daily.
 Section 1—8:00; OO-004. (Staff.)
 Section 2—9:30; OO-004. (Staff.)
- ED. 150. EDUCATIONAL MEASUREMENT. (3)
 June 26-Aug. 2; Daily.
 Section 1—9:30; O-101. (Dayton.)
 Section 2—11:00; T-108. (Giblette.)
 Section 3—12:30; T-103. (Staff.)
 Section 4—8:00; T-108. (Staff.)
- ED. 151. STATISTICAL METHODS IN EDUCATION. (3)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—9:30; OO-127. (Johnson.)
 Section 2—11:00; T-103. (Staff.)
- ED. 155. LABORATORY PRACTICE IN READING. (3)
 June 26-Aug. 2; Arranged. Consent of Prof. (Sullivan.)
- ED. 157. CORRECTIVE REMEDIAL READING INSTRUCTION. (3)
 June 26-Aug. 2; Daily.
 Section 1—11:00; RR-17. (Brigham.)
 Section 2—1:00; RR-17. (Brigham.)
- ED. 160. EDUCATIONAL SOCIOLOGY. (3)
 June 26-Aug. 11; M.T.Th.F., 9:30; F-103. (Huden.)
- ED. 187. FIELD EXPERIENCE IN EDUCATION. (1-4)
 a. Adult Education f. Industrial Arts Education
 b. Counseling g. Student Personnel Administration
 c. Curriculum and Instruction h. Supervision
 d. Educational Administration i. Vocational-Industrial Education
 e. Higher Education
- ED. 188. SPECIAL PROBLEMS IN EDUCATION. (1-3)
 Prerequisite, consent of instructor. Available only to mature students who have definite plans for individual study of approved problems. *Course cards must have the title of the problem and the name of the faculty member who has approved it.* (Staff.)
- ED. 189-7. WORKSHOP IN SUPERVISION OF STUDENT TEACHING. (3)
 June 26-July 12; Daily, 9:30-3:30; J-6. (Schumacher.)
- ED. 189-8. WORKSHOP IN INSTRUCTIONAL MATERIALS. (3)
 July 1-July 19; Daily, 8:30-12; Duval High School. (Brown.)
- ED. 189-9. WORKSHOP IN ECONOMIC EDUCATION. (3)
 June 26-July 12; Daily, 8:30-3:30; Q-504. (Gibney.)
- ED. 189-12. WORKSHOP IN NURSERY-KINDERGARTEN EDUCATION
 Section 1—For Leadership Personnel. (3) (Hymes.)
 June 26-July 12; Daily, 9:30; J-14.
 Section 2—For Teachers. (3) (Moyer.)
 June 26-July 12; Daily, 8:00-3:00; J-18.
 Section 3—(3)
 July 15-Aug. 2; Daily, 8:00-3:00; J-18. (Moyer.)
- ED. 189-26. WORKSHOP ON HUMAN RELATIONSHIPS IN EDUCATIONAL ADMINISTRATION. (6)
 June 26-Aug. 2; Daily, 9:00-3:00; J-314. (Newell.)

- ED. 189-33. WORKSHOP FOR CHILD STUDY LEADERS. (2)
June 26-July 5; Daily, 8:00-3:00; J-111. (Kurtz, Milhollan.)
- ED. 189-35. WORKSHOP ON APPLICATION OF HUMAN DEVELOPMENT PRINCIPLES
IN THE CLASSROOM. (2)
July 8-July 19; Daily, 8:00-3:00; J-111. (Milhollan.)
- ED. 189-37. WORKSHOP ON ACTION RESEARCH IN HUMAN DEVELOPMENT
EDUCATION. (2)
Aug. 5-Aug. 16; Daily, 8:00-3:00; J-111. (Kurtz.)
- ED. 189-45. PRINCIPLES OF BEHAVIOR. (3)
June 26-Aug. 2; Daily, 12:30-3:30; OO-225. (Ferster.)
- ED. 189-49. WORKSHOP ON ANALYSIS AND MODIFICATION OF TEACHING BEHAVIOR. (3)
June 26-July 12; Daily, 9:30-3:30; J-131. (Young.)
- ED. 189-53. EDUCATORS WORKSHOP ON AUTOMATIC DATA PROCESSING. (6)
July 26-Aug. 2; Daily, 9:00-3:30; J-131. (Staff.)
- ED. 189-57. WORKSHOP ON TEAM TEACHING. (3)
June 26-July 12; Daily, 9:30-3:30; J-134. (Funaro.)
- ED. 189-67. WORKSHOP ON VOCATIONAL EDUCATION. (1)
Section 1—June 26-Aug. 9; W, 9:30; P-127. (Staff.)
Section 2—June 26-Aug. 9; W, 1:30; P-306. (Staff.)
- ED. 189-69. TRADE ADVANCEMENT WORKSHOP. (1-6)
June 27-Aug. 11; M.T.Th.F., Arranged. (Beatty.)
- ED. 189-73. EUROPEAN TRAVEL SEMINAR. (6)
June 26-Aug. 9. (O'Neil.)
- ED. 189-76. MUSIC REPERTOIRE IN THE SCHOOL CURRICULUM.
June 26-Aug. 2; Daily, 12:30; NN-202. (May.)
- TYPEWRITING LABORATORY. (0)
June 26-Aug. 2, Daily, 8:30; Q-7. (O'Neill.)
- ED. 202. THE JUNIOR COLLEGE. (3)
June 26-Aug. 2; Daily, 9:30; J-150. (Kelsey.)
- ED. 203. PROBLEMS IN HIGHER EDUCATION. (3)
June 26-Aug. 2; Daily, 8:00; OO-223. (Kelsey.)
- ED. 204. SEMINAR IN EDUCATIONAL SOCIOLOGY. (2)
June 26-Aug. 2; M.T.Th.F., 11:00; J-150. (Grambs.)
- ED. 205. COMPARATIVE EDUCATION. (3)
June 27-Aug. 16; M.T.Th.F., 11:00; OO-125. (Male.)
- ED. 224. APPRENTICESHIP IN EDUCATION. (6-9)
a. Counseling e. Supervision
b. Curriculum and Instruction f. Student Personnel Administration
c. Educational Administration g. Vocational-Industrial Education
d. Industrial Arts Education

Note: The total number of credits which a student may earn in Ed. 187, Ed. 224, and Ed. 287 is limited to a maximum of twenty (20) semester hours.

(Staff.)

- Ed. 234. THE SCHOOL CURRICULUM. (3)
June 26-Aug. 2; Daily, 9:30; OO-105. (Hovet.)
- Ed. 241. PROBLEMS IN THE TEACHING OF READING. (3)
June 26-Aug. 2; Daily, 1:00; OO-301. (Hall.)
- Ed. 245. INTRODUCTION TO RESEARCH. (2)
June 27-Aug. 2; M.T.Th.F.
Section 1—8:00; F-101. (Dayton.)
Section 2—9:30; FF-16. (Raths.)
Section 3—11:00; FF-16. (Staff.)
Section 4—12:30; RR-19. (Stunkard.)
- Ed. 251. INTERMEDIATE STATISTICS IN EDUCATION. (3)
June 27-Aug. 11; M.T.Th.F., 11:00; FF-7. (Johnson.)
- Ed. 255. ADVANCED LABORATORY EXPERIENCES IN READING INSTRUCTION. (3)
June 26-Aug. 2; Consent of Professor. (Wilson.)
- Ed. 256. ADVANCED LABORATORY EXPERIENCES IN READING INSTRUCTION. (3)
June 26-Aug. 2; Consent of Professor. (Wilson.)
- Ed. 257. DIAGNOSIS AND REMEDIATION OF READING DISABILITIES. (3)
June 26-Aug. 2; Daily, 8:00; RR-15. (Sullivan.)
- Ed. 262. MEASUREMENT IN PUPIL APPRAISAL. (3)
June 26-Aug. 2; Daily, 9:30; FF-17. (Gilbette.)
- Ed. 287. INTERNSHIP IN EDUCATION. (12-16)
a. Curriculum and Instruction
b. Educational Administration
c. Industrial Arts Education
d. Pupil Personnel Services
e. Student Personnel Services
f. Supervision
g. Vocational-Industrial Education
Note: The total number of credits which a student may earn in Ed. 187, Ed. 224, and Ed. 287 is limited to a maximum of twenty (20) semester hours. (Staff.)
- Ed. 288. SPECIAL PROBLEMS IN EDUCATION. (1-6)
First and second semesters and summer session. Master's, advanced graduate specialist, or doctoral candidates who desire to pursue special research problems under the direction of their advisers may register for credit under this number. *Course card must have the title of the problem and the name of the faculty member under whom the work will be done.* (Staff.)
- Ed. 290. DOCTORAL SEMINAR. (1)
June 26-Aug. 2; W, 1:00-3:30; OO-220. (Stunkard.)
- Ed. 399. RESEARCH—THESIS (credits variable)
Registration required to the extent of 6 hours for master's thesis; 6-9 hours for a doctoral project; and 12-18 hours for a doctoral dissertation. (Staff.)

INSTITUTE FOR CHILD STUDY

- H.D.Ed. 105. ADOLESCENT DEVELOPMENT. (3)
June 26-Aug. 2; Daily, 11:00; OO-030. (Felker.)
- H.D.Ed. 112-212. SCIENTIFIC CONCEPTS IN HUMAN DEVELOPMENT. (3)
June 24-July 12; Daily, 12:30-2:50.
Section 1—OO-30. (Dittman.)
Section 2—OO-127. (Klevan.)
Section 3—OO-126. (Milhollan.)
Section 4—OO-28. (Hatfield.)

- H.D.ED. 114-214. SCIENTIFIC CONCEPTS IN HUMAN DEVELOPMENT. (3)
 July 15-Aug. 2; Daily, 12:30-2:50.
 Section 1—OO-303. (Dittman.)
 Section 2—OO-127. (Klevan.)
 Section 3—OO-126. (Milhollan.)
- H.D.ED. 145. GUIDANCE OF YOUNG CHILDREN. (3)
 June 26-Aug. 2; Daily, 9:30; A-159. (Broome.)
- H.D.ED. 200. INTRODUCTION TO HUMAN DEVELOPMENT AND CHILD STUDY. (3)
 June 26-Aug. 2; Daily.
 Section 1—8:00; OO-028. (Goering.)
 Section 2—9:30; OO-028. (Rogolsky.)
 Section 3—11:00; A-50. (Matteson.)
- H.D.ED. 201. BIOLOGICAL BASES OF BEHAVIOR. (3)
 June 26-Aug. 2; Daily.
 Section 1—8:00; OO-127. (Chapin.)
 Section 2—9:30; OO-307. (Chapin.)
- H.D.ED. 202. SOCIAL BASIS OF BEHAVIOR. (3)
 June 26-Aug. 2; Daily,
 Section 1—9:30; FF-18. (Felker.)
 Section 2—11:00; AA-12. (Rogolsky.)
- H.D.ED. 203. INTEGRATIVE BASIS OF BEHAVIOR. (3)
 June 26-Aug. 2, Daily, 11:00; OO-222. (Goering.)
- H.D.ED. 210. AFFECTIONAL RELATIONSHIPS AND PROCESSES IN HUMAN DEVELOPMENT. (3)
 June 26-Aug. 2, Daily, 8:00; OO-307. (Matteson.)
- H.D.ED. 211. PEER CULTURE AND GROUP PROCESS IN HUMAN DEVELOPMENT. (3)
 June 26-Aug., 2, Daily, 11:00; AA-14. (Green.)
- H.D.ED. 221. LEARNING THEORY AND THE EDUCATIVE PROCESS I. (3)
 June 26-Aug. 2; Daily.
 Section 1—8:00; OO-222. (Perkins.)
 Section 2—9:30; OO-301. (Green.)
 Section 3—11:00; FF-24. (Larson.)
- H.D.ED. 222. LEARNING THEORY AND THE EDUCATIVE PROCESS II. (3)
 July 26-Aug. 2; Daily, 12:30; FF-19. (Larson.)

INDUSTRIAL EDUCATION

- I. ED. 1. MECHANICAL DRAWING I. (2)
 June 26-Aug. 16; Daily, 9:30; P-208. (Campbell.)
- I. ED. 2. WOODWORKING I. (3)
 June 26-Aug. 16; Daily, 8:00; P-218. (Beatty.)
- I. ED. 21. MECHANICAL DRAWING II. (2)
 June 26-Aug. 16; Daily, 9:30; P-208. (Campbell.)
- I. ED. 22. WOODWORKING II. (3)
 June 26-Aug. 16; Daily, 8:00; P-218. (Beatty.)
- I. ED. 26. GENERAL METAL WORK. (3)
 June 26-Aug. 16; Daily, 11:00; P-116. (Bailey.)

- I. ED. 50. METHODS OF TEACHING. (3)
 (T & I Workshop only)
 June 27-Aug. 16; M.T.Th.F.
 Section 1—P-120. (Luetkemeyer.)
 Section 2—P-127. (Luetkemeyer.)
- I. ED. 84. ORGANIZED SUPERVISED WORK EXPERIENCES. (3)
 June 27—Aug. 16.
 Section 1—Arranged. (Bailey.)
 Section 2—Arranged. (Bradley.)
 Section 3—Arranged. (Gelina.)
 Section 4—Arranged. (Merrill.)
 Section 5—Arranged. (Stough.)
- I. ED. 115. RESEARCH & EXPERIMENTATION IN INDUSTRIAL ARTS. (3)
 June 26-Aug. 2; Daily, 11:00; P-104.
- I. ED. 124. ORGANIZED AND SUPERVISED WORK EXPERIENCES. (3)
 June 27-Aug. 16.
 Section 1—Arranged. (Bradley.)
 Section 2—Arranged. (Gelina.)
 Section 3—Arranged. (Stough.)
- I. ED. 125. INDUSTRIAL TRAINING IN INDUSTRY. (3)
 June 27-Aug. 16; M.T.Th.F., 9:30; P-212. (Merrill.)
- I. ED. 150. TRAINING AIDS DEVELOPMENT. (3)
 June 26-Aug. 2; Daily, 8:00; OO-004. (Gettle.)
- I. ED. 157. TESTS AND MEASUREMENTS. (3)
 June 26-Aug. 2; Daily, 9:30; P-201. (Gettle.)
- I. ED. 164. LABORATORY ORGANIZATION AND MANAGEMENT. (3)
 Section 1—June 27-Aug. 16; M.T.Th.F., 11:00; P-127. (Crosby.)
 Section 2—June 27-Aug. 16; M.T.Th.F., 8:00; P-127. (Crosby.)
 (Sections 1 and 2—T & I Workshop only)
 Sec. 3—June 26-Aug. 2; Daily, 11:00; P-212. (Tierney.)
- I. ED. 165. MODERN INDUSTRY. (3)
 June 27-Aug. 16; M.T.Th.F., :800; P-212. (Harrison.)
- I. ED. 167. PROBLEMS IN OCCUPATIONAL EDUCATION. (3)
 June 26-Aug. 2; Daily, 9:30; P-306. (Chambliss.)
- I. ED. 169. OCCUPATIONAL ANALYSIS AND COURSE CONSTRUCTION. (3)
 (T & I Workshop Only)
 Sec. 1—June 27-Aug. 11; M.T.Th.F., 9:30; P-120. (Mietus.)
 Sec. 2—June 27-Aug. 11; M.T.Th.F., 11:00; P-201. (Mietus.)
- I. ED. 175. RECENT TECHNOLOGICAL DEVELOPMENTS IN PRODUCTS AND PROCESSES. (3)
 June 27-Aug. 11; M.T.Th.F., 11:00; P-306. (Campbell.)
- I. ED. 207. PHILOSOPHY OF INDUSTRIAL ARTS EDUCATION. (3)
 June 27-Aug. 16; M.T.Th.F., 8:00; P-212. (Harrison.)
- I. ED. 214. SCHOOL PLANNING AND EQUIPMENT SELECTION. (3)
 June 27-Aug. 16; Daily, 8:00; P-221. (Tierney.)
- I. ED. 240. RESEARCH IN INDUSTRIAL ARTS AND VOCATIONAL EDUCATIONAL EDUCATION. (2)
 June 27-Aug. 16; M.T.Th.F., Arranged. (Beatty.)

LIBRARY SCIENCE EDUCATION

- L. S. ED. 120. INTRODUCTION TO LIBRARIANSHIP. (3)
 June 24-July 19; M.T.Th.F., 8-10:40; OO-030. (Jackson.)
- L. S. ED. 122. BASIC REFERENCE AND INFORMATION SOURCES. (3)
 Section 1—June 24-July 19; M.T.Th.F., 8-10:40; NN-318. (Staff.)
 Section 2—July 22-Aug. 16; M.T.Th.F., 8-10:40; NN-318. (Staff.)
- L. S. ED. 126. CATALOGING AND CLASSIFICATION OF LIBRARY MATERIALS. (3)
 July 22-Aug. 16; M.T.Th.F., 8-10:40; OO-030. (Staff.)
- L. S. ED. 128. SCHOOL LIBRARY ADMINISTRATION AND SERVICE. (3)
 June 24-July 19; M.T.Th.F., 12:30-3:20; OO-220. (James.)
- L. S. ED. 130. LIBRARY MATERIALS FOR CHILDREN. (3)
 July 22-Aug. 16; M.T.Th.F., 12:30-3:20; OO-223. (Brown.)
- L. S. ED. 132. LIBRARY MATERIALS FOR YOUTH. (3)
 June 24-July 19; M.T.Th.F., 12:30-3:20; OO-030. (Anderson.)

SECONDARY EDUCATION

- SEC. ED. 114-115. FINANCIAL AND ECONOMIC EDUCATION. (6)
 June 26-Aug. 2; Daily, 8:30-3:30; Q-27. (Anderson.)
- SEC. ED. 133. METHODS OF TEACHING SOCIAL STUDIES IN SECONDARY SCHOOLS. (3)
 June 26-Aug. 2; Daily, 1-2:20; OO-105. (Campbell.)
- SEC. ED. 138. METHODS OF TEACHING SCIENCE IN SECONDARY SCHOOLS. (3)
 June 26-Aug. 2; Daily, 1-2:20; OO-210. (LaRue.)
- SEC. ED. 139. SPEECH METHODS AND RESOURCES IN SECONDARY SCHOOL. (3)
 June 26-Aug. 2; Daily, 11-12:20; FF-17. (Frank.)
- SEC. ED. 141. METHODS OF TEACHING ENGLISH IN SECONDARY SCHOOLS.
 June 26-Aug. 2; Daily, 1-2:20; OO-036. (Wcof.)
- SEC. ED. 142. TEACHING AUDIO-LINGUAL SKILLS IN FOREIGN LANGUAGES. (3)
 June 26-Aug. 2; Daily, 8-9:20; OO-220. (Kelly.)
- SEC. ED. 145. PRINCIPLES AND METHODS OF SECONDARY EDUCATION. (3)
 June 26-Aug. 2; Daily.
 Section 1—8-9:20; OO-036. (Funaro.)
 Section 2—9:30-10:50; FF-21. (LaRue.)
- SEC. ED. 240A. TRENDS IN SECONDARY SCHOOL CURRICULUM—ENGLISH. (3)
 June 26-Aug. 2; Daily, 11-12:20; OO-227. (Woolf.)
- SEC. ED. 240B. TRENDS IN SECONDARY SCHOOL CURRICULUM—
 FOREIGN LANGUAGES.
 June 26-Aug. 2; Daily, 9:30-10:50; FF-24. (Kelly.)
- SEC. ED. 240E. TRENDS IN SECONDARY SCHOOL CURRICULUM—SOCIAL STUDIES. (3)
 June 26-Aug. 2; Daily, 11-12:20; OO-225. (Campbell.)
- H.E.ED. 102. PROBLEMS IN TEACHING HOME ECONOMICS. (3)
 June 26-July 19; Daily, 8-10:30; OO-312. (Spencer.)

- H.E.ED. 202. TRENDS IN THE TEACHING AND SUPERVISION OF HOME ECONOMICS. (3)
July 22-Aug. 16; Daily, 8-10:30; OO-312. (Spencer.)
- B.ED. 101. PROBLEMS IN TEACHING OFFICE SKILLS. (3)
June 26-Aug. 2; Daily, 11-12:20; Q-7. (O'Neill.)
- B.ED. 102. METHODS AND MATERIALS IN TEACHING BOOKKEEPING AND RELATED SUBJECTS. (3)
June 26-Aug. 2; Daily, 8-9:20; Q-6. (Mead.)
- B.ED. 205. SEMINAR IN BUSINESS EDUCATION. (2)
June 26-Aug. 2; Daily, 11-12:20; Q-6. (Peters.)
- B.ED. 256. CURRICULUM DEVELOPMENT IN BUSINESS EDUCATION. (3)
June 26-Aug. 2; Daily, 9:30-10:50; Q-6. (Peters.)

*MUSIC EDUCATION**

- MUS. ED. 125. CREATIVE ACTIVITIES IN THE ELEMENTARY SCHOOL. (3)
June 26-Aug. 2; Daily, 11:00; NN-101. Prerequisite, Music 16 or consent of instructor. (Shelley.)
- MUS. ED. 176. SPECIAL PROBLEMS IN THE TEACHING OF INSTRUMENTAL MUSIC. (3)
June 26-Aug. 2; Daily, 8:00; N-116. Prerequisite, Music 61-67 or the equivalent. In the 1968 summer session, string instruments will be studied. (Berman.)
- MUS. ED. 200. RESEARCH METHODS IN MUSIC EDUCATION. (3)
June 26-Aug. 2; Daily, 9:30; NN-301. (Grentzer.)
- MUS. ED. 204. CURRENT TRENDS IN MUSIC EDUCATION. (3)
June 26-Aug. 2; Daily, 11:00; NN-301. (Grentzer.)

SPECIAL EDUCATION

- SP. ED. 170. INTRODUCTION TO SPECIAL EDUCATION. (3)
June 26-Aug. 2; Daily, 8:00; OO-036. (Huber.)
- SP. ED. 171. CHARACTERISTICS OF EXCEPTIONAL CHILDREN. (3)
A. Mentally Retarded.
June 26-Aug. 2; Daily, 9:30; OO-026. (Staff.)
C. Percept. Learning Prob.
June 26-Aug. 2; Daily, 9:30; OO-125. (Campbell.)
- SP. ED. 172. EDUCATION OF EXCEPTIONAL CHILDREN. (3)
A. Mentally Retarded.
June 26-Aug. 2; Daily, 11:00; OO-026. (Staff.)
C. Perceptually Impaired.
June 26-Aug. 2; Daily, 11:00; OO-028. (Staff.)
- SP. ED. 173. CURRICULUM FOR EXCEPTIONAL CHILDREN. (3)
A. Mentally Retarded.
June 26-Aug. 2; Daily, 8:00; OO-026. (Staff.)

* For a course in ethnic instruments, adapted for work with children, see Educ. 189-76.

*For music courses, see page 53.

- SP. ED. 175. EDUCATION OF THE SLOW LEARNER. (3)
June 26-Aug. 2; Daily, 11:00; FF-19. (Seidman.)
- SP. ED. 200. EXCEPTIONAL CHILDREN AND YOUTH. (3)
June 26-Aug. 2; Daily, 8:00; OO-125. (Seidman.)
- SP. ED. 215. EVALUATION AND MEASUREMENT OF EXCEPTIONAL CHILDREN AND YOUTH. (3)
June 26-Aug. 2; Daily, 9:30; FF-25. (Simms.)
- SP. ED. 220. EDUCATIONAL DIAGNOSIS AND PLANNING FOR EXCEPTIONAL CHILDREN AND YOUTH. (3)
June 26-Aug. 2; Daily, 11:00; F-103. (Staff.)
- SP. ED. 235. PROBLEMS IN THE EDUCATION OF CHILDREN WITH EMOTIONAL DISTURBANCES. (3)
June 26-Aug. 2; Daily, 11:00; F-104. (Huber.)

ENGINEERING

CHEMICAL ENGINEERING

- EN. CH. 15. CHEMICAL ENGINEERING ANALYSIS. (2)*
June 26-July 19; Daily, 9:30; U-112. Prerequisite, consent of the department. (Staff.)
- EN. CH. 50. ENGINEERING THERMODYNAMICS. (2)*
July 22-Aug. 16; Daily, 9:30; U-112. Prerequisite, consent of the department. (Staff.)
- EN. CH. 165. RESEARCH. (2 or 3)
Arranged. (Staff.)
- EN. CH. 247. SPECIAL PROBLEMS IN CHEMICAL ENGINEERING. (3)
Arranged. (Staff.)
- EN. CH. 314. SPECIAL PROBLEMS IN NUCLEAR ENGINEERING. (2 or 3)
Arranged.
- EN. CH. 398. SPECIAL PROBLEMS IN ENGINEERING MATERIALS. (Variable)
Arranged. (Staff.)
- EN. CH. 399. RESEARCH IN CHEMICAL ENGINEERING. (1-6)
Arranged. Credit according to work assigned. (Staff.)
- EN. CH. 399. RESEARCH IN NUCLEAR ENGINEERING. (1-6)
Arranged. (Staff.)
- EN. CH. 399. RESEARCH IN ENGINEERING MATERIALS. (1-6)
Arranged. (Staff.)

*These two courses will be taught sequentially during the eight weeks session and students must enroll in both courses. Principally for transfer students and those with deficiencies.

CIVIL ENGINEERING

ENCE. 50. FUNDAMENTALS OF ENGINEERING MATERIALS. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; J-170. Prerequisite, ENES 20, or concurrent registration. (Wedding.)

ENCE. 90. ENGINEERING SURVEY MEASUREMENTS. (3)

June 10-24; Daily, 8:00-5:00; J-154, J-156. Corequisite, Math 20 with consent of instructor. Open only to students enrolled in the College of Engineering. (Garber.)

ELECTRICAL ENGINEERING

ENEE. 80. ALGORITHMIC ANALYSIS AND COMPUTER PROGRAMMING. (2)

June 26-Aug. 16; Lecture, M.W., 12:30; J-326. Corequisite, Math. 21. Required of sophomores in Electrical Engineering. (Miller.)
Lab. Section 1—Fri. 9:30-12:00; J-326.
Lab. Section 2—Fri. 12:30-3:00; J-326.

ENEE. 90. CIRCUIT ANALYSIS I. (4)

June 26-Aug. 16; Daily, 8:00; J-104. See ENEE 91 for related laboratory course. Corequisites, Math. 22, Phys. 21, ENEE 91. Required of sophomores in Electrical Engineering. (Rumbaugh.)

ENEE. 150. NETWORK SYNTHESIS. (3)

June 27-Aug. 16; M.T.Th.F., 9:30; J-10. Prerequisite ENEE. 120. (Basham.)

ENEE. 162. LOGIC OF DIGITAL COMPUTERS. (3)

June 27-Aug. 16; M.T.Th.F., 8:00; J-102. Prerequisites: Math 21. ENEE 80, or equivalent. (Pugsley.)

ENEE. 399. RESEARCH.

Arranged. (Basham.)

ENEE. 91. CIRCUITS LABORATORY I. (1)

Arranged; S-5. First Meeting of all students, Wed., June 28, 9:20; S-5. Corequisite, ENEE 90. Required of sophomores in Electrical Engineering. Laboratory to be taken in association with ENEE 90. (Rumbaugh.)

ENEE. 122. ELECTRONIC CIRCUITS I. (4)

June 27-Aug. 16; Daily, 8:00; J-10. See ENEE 123 for related laboratory course. Prerequisite, ENEE 120. Corequisites, ENEE 121, ENEE 123, and ENEE 130. Required of juniors in Electrical Engineering. (Glock.)

ENEE. 123. ELECTRONICS LABORATORY I. (1)

Arranged; S-5. First meeting of all students, Wed. June 28, 9:20 A.M. S-8. Corequisite, ENEE 122. Required of juniors in Electrical Engineering. Laboratory to be taken in association with ENEE 122. (Glock.)

ENEE. 140. TRANSDUCERS AND ELECTRICAL MACHINERY. (3)

June 27-Aug. 16; M.T.Th.F., 11:00; J-10. See ENEE 141 for related laboratory course. Prerequisites, ENEE 120, ENEE 132. Corequisite, ENEE 141. Required of seniors in Electrical Engineering. (Abrams.)

ENEE. 141. TRANSDUCERS AND ELECTRICAL MACHINERY LABORATORY. (1)

Arranged; S-2. First meeting for all students Wed., June 23, 12:30 P.M.; S-2. Corequisite, ENEE 140. Required of seniors in Electrical Engineering. Laboratory to be taken in association with ENEE. 140. (Abrams.)

ENGINEERING SCIENCES

- E. S. 1. **INTRODUCTORY ENGINEERING SCIENCE.** (4)
June 26-Aug. 16; M., 8:00-10:50; T.W.Th.F., 8:00-9:50; J-382, Prerequisite,
Math. 19 (or concurrent registration). (Elkins.)
- E. S. 10. **MECHANICS.** (4)
June 26-Aug. 16; Daily. Prerequisites, E. S. 1; Math. 20 (or concurrent).
Section 1— 8:00; J-378. (Elkins.)
Section 2—11:00; J-378.
- E. S. 20. **MECHANICS OF MATERIALS.** (3)
June 27-Aug. 16; M.T.Th.F., 11:00; J-140. Prerequisite, Math. 20, Phys. 20
and E. S. 10. (Schelling.)
- E. S. 21. **DYNAMICS.** (3)
June 27-Aug. 16; M.T.Th.F., 12:30; J-282. Prerequisites, E. S. 10; Math, 20
and Phys. 20 (or concurrent registration). (Hayleck.)

MECHANICAL ENGINEERING

- M. E. 1. **THERMODYNAMICS I.** (3)
June 26-Aug. 16; Daily, 8:00; J-282. Prerequisites, Phys. 20; Math. 21 con-
currently. (Eyler.)

SCHOOL OF LIBRARY AND
INFORMATION SERVICES

- L. 202. **INTRODUCTION TO REFERENCE AND BIBLIOGRAPHY.** (3)
June 26-Aug. 16; Daily, 9-10; L-405. (McGrath.)
- L. 206. **ORGANIZATION OF KNOWLEDGE IN LIBRARIES I.** (3)
June 26-Aug. 16; Daily, 11-12; L-100. (Landridge.)
- L. 207. **ORGANIZATION OF KNOWLEDGE IN LIBRARIES, II.** (3)
June 26-Aug. 16; Daily, 11-12; L-405. (Batty.)
- L. 209. **HISTORY OF LIBRARIES AND THEIR MATERIALS.** (3)
June 26-Aug. 16; Daily, 10-11; L-405. (Colson.)
- L. 213. **LITERATURE AND RESEARCH IN THE SCIENCES.** (3)
June 26-Aug. 16; Daily, 9-10; L-452M. (Hodina.)
- L. 215. **LITERATURE AND RESEARCH IN THE SOCIAL SCIENCES.** (3)
June 26-Aug. 16; Daily, 9-10; L-100. (Staff.)
- L. 224. **CONSTRUCTION AND MAINTENANCE OF INDEX LANGUAGES.** (3)
June 26-Aug. 16; Daily, 8-9; L-405. (Langridge.)
- L. 225. **ADVANCED DATA PROCESSING IN LIBRARIES.** (3)
June 26-Aug. 16; Daily, 8-9; L-100. (Meadow.)
- L. 228. **ANALYTICAL BIBLIOGRAPHY AND DESCRIPTIVE CATALOGING.** (3)
June 26-Aug. 16; Daily, 11-12; L-452M. (McGrath.)

- L. 235. PROBLEMS OF SPECIAL MATERIALS. (3)
June 26-Aug. 16; Daily, 8-9; LL-113. (Batty.)
- L. 245. LEGAL LITERATURE. (3)
June 26-Aug. 16; Daily, 8-9; L-452M. (Bougas.)
- L. 253. SEMINAR IN THE ACADEMIC LIBRARY. (3)
June 26-Aug. 16; Daily, 12-1; L-452M. (Colson.)
- L. 261. SEMINAR IN THE SPECIAL LIBRARY AND INFORMATION CENTER. (3)
June 26-Aug. 16; Daily, 9-10; LL-113. (Thomas.)
- L. 264. SEMINAR IN THE SCHOOL LIBRARY. (3)
June 26-Aug. 16; Daily, 10-11; L-452M. (Liehener.)
- L. 271. ADVANCED REFERENCE SERVICES. (3)
June 26-Aug. 16; Daily, 11-12; G-309. (Staff.)
- L. 275. STORYTELLING MATERIALS AND TECHNIQUES. (3)
June 26-Aug. 16; Daily, 11-12; G-205. (MacLeod/Shaw.)
- L. 277. INTERNATIONAL AND COMPARATIVE LIBRARIANSHIP. (3)
June 26-Aug. 16; Daily, 11-12; G-109B. (Staff.)
- L. 290. INDEPENDENT STUDY. (1-3)
June 26-Aug. 16; Arranged. (Staff.)

HOME ECONOMICS

FAMILY LIFE AND MANAGEMENT

- HMGT. 161. RESIDENT EXPERIENCE IN HOME MANAGEMENT. (3)
June 26-July 19. A charge of \$40.00 for food and supplies is assessed each student. Students not living in the dormitories are billed at the rate of \$5.00 a week for a room in the Home Management House. (Kincaid.)
- FMLF. 130. HOME MANAGEMENT AND FAMILY LIFE. (3)
July 22-Aug. 16; 9:30-11:30; H-5. (Staff.)
- HOEC. 190d. WORKSHOP IN FAMILY LIFE EDUCATION. (2) (See Institutes and Workshops)
June 26-July 6; Daily, 9:30-3:00; H-9. (Visiting Director.)
- HOEC. 290d. WORKSHOP IN FAMILY LIFE EDUCATION. (2)
June 26-July 6; Daily, 9:00-3:00; H-9. (Visiting Director.)

FOOD, NUTRITION AND INSTITUTION ADMINISTRATION

- FOOD 150. FOOD ECONOMICS AND MEAL MANAGEMENT. (3)
June 26-July 19; Daily, 9:30-12:30; H-203. (Van Egmond.)
- HOEC. 190e. FOOD SERVICE WORKSHOP. (3)
July 15-Aug. 2; Daily, 9:30-12:30; H-222. (Prather.)
- HOEC. 290e. FOOD SERVICE WORKSHOP. (3)
July 15-Aug. 2; Daily, 9:30-12:30; H-222. (Prather.)

- FOOD 204. RECENT TRENDS IN FOODS. (3)
June 26-July 19; Daily, 9:30-11:30; H-225. (Eheart.)
- FOOD 399. RESEARCH. (1-6) (Staff.)
- NUTR. 212. NUTRITION FOR COMMUNITY SERVICES. (3)
June 26-July 19; Daily, 1:00-3:00; H-222. (Prather.)
- NUTR. 399. RESEARCH. (1-6)
- IADM. 150. INSTITUTION ORGANIZATION AND MANAGEMENT. (3)
July 22-Aug. 16; Daily, 9:30-11:30; H-225. (Harwood.)

GENERAL HOME ECONOMICS

- HOEC. 201. METHODS OF RESEARCH IN HOME ECONOMICS. (3)
June 26-Aug. 2; Daily, 9:30-10:50; H-5. (Green.)
- HOEC. 202. INTEGRATIVE ASPECTS OF HOME ECONOMICS. (2)
June 26-Aug. 2; Daily, 1:00-2:00; H-5. (Wilson.)
- HOEC. 190c. SPECIAL PROBLEMS IN HOME ECONOMICS. (1-3)
June 26-Aug. 2; Arranged. (Wilson.)
- HOEC. 290c. SPECIAL TOPICS IN HOME ECONOMICS. (1-6)
June 26-Aug. 2; Arranged. (Wilson.)
- HOEC. 399. THESIS RESEARCH. (1-6) (Staff.)

HOUSING AND APPLIED DESIGN

- APDS. 1. FUNDAMENTALS OF DESIGN. (3)
June 26-Aug. 2; Daily; 8:00-9:20; H-101. (Roper.)
- HOEC. 190a. SPECIAL PROBLEMS IN INTERIOR. (1-3)
June 26-July 19; Arranged; H-105. (Shearer.)
- HOEC. 290a. SPECIAL PROBLEMS IN INTERIOR. (1-3)
June 26-July 19; Arranged; H-105. (Shearer.)
- HOEC. 190x. SPECIAL PROBLEMS IN HOME FURNISHINGS. (3)
June 26-July 19; Daily, 9:30-12:15; H-101. (Shearer.)
- HOEC. 290x. SPECIAL PROBLEMS IN HOME FURNISHINGS. (3)
June 26-July 19; Daily, 9:30-12:15; H-101. (Shearer.)

CRAFTS

- CRAF. 2. RECREATIONAL CRAFTS. (2)
June 26-July 19; Daily, 9:30-12:15; H-102. Prerequisite APDS 1 or equivalent. (Roper.)
- CRAF. 102. CREATIVE CRAFTS. (3)
June 26-July 19; Daily, 9:30-12:15; H-102. Prerequisites APDS 1 and consent of department. (Roper.)

CRAF. 20. CERAMICS I—MATERIALS AND PROCESSES. (3)

June 26-Aug. 16; M.T.W.Th., 7:00-10:00 p.m.; H-102. Prerequisite APDS. I or equivalent. (Schmitz.)

CRAF. 120, 121. ADVANCED CERAMIC I AND II. (3, 3)

June 26-Aug. 16; M.T.W.Th., 7:00-10:00 p.m.; H-102. Consent of department. (Schmitz.)

TEXTILES AND CLOTHING

CLTH. 120. DRAPING. (3) Consent of department.

June 26-Aug. 2; M.T.Th.F., 9:30-12:45; H-215. (Souther.)

CLTH. 220a.* SPECIAL STUDIES IN CLOTHING. (2)

June 26-July 6; Daily, 9:30-1:00; H-304. (Thompson.)

HOEC. 190b.** SPECIAL PROBLEMS IN CLOTHING. (2)

June 26-July 6; Daily, 9:30-1:00; H-304. (Thompson.)

HOEC. 290b.* SPECIAL TOPICS IN CLOTHING. (2)

June 26-July 6; Daily, 9:30-1:00; H-304. (Thompson.)

CLTH. 220b.* SPECIAL STUDIES IN CLOTHING. (2)

July 8-19; Daily, 9:30-12:30; H-304. Afternoons needed for special events. (Visiting Lecturer.)

HOEC. 190y.** SPECIAL PROBLEMS IN CLOTHING. (2)

July 8-19; Daily, 9:30-12:30; H-304. (Visiting Lecturer.)

HOEC. 290y.* SPECIAL TOPICS IN CLOTHING. (2)

July 8-19; Daily, 9:30-12:30; H-304. (Visiting Lecturer.)

TXCL. 110. FIELD EXPERIENCES IN TEXTILES AND CLOTHING. (3)

June 26-Aug. 16. Arranged. (Mitchell.)

TXCL. 126. FUNDAMENTALS OF FASHION. (3) Consent of department.

July 22-Aug. 16; Daily, 1:00-3:00 p.m.; H-215. (Spencer.)

PHYSICAL EDUCATION, RECREATION AND HEALTH

P. E. S10. PHYSICAL EDUCATION ACTIVITIES. (1-4)

June 26-Aug. 2. Not available for credit by physical education majors. Non-majors in physical education may use this credit to fulfill graduation requirements in physical education.

Section 1—Tennis (1) Daily, 12:30. Cole Courts.

Section 2—Swimming (1) Daily, 11:00. Cole Pool. (Schmidt.)

P. E. 100. KINESIOLOGY. (4)

June 26-Aug. 2; Daily, 9:30, and arranged; GG-304. (Kelley.)

*Graduate students register under symbol CLTH 220a or HOEC 290b, and/or CLTH 220b or HOEC 290y.

**Undergraduate and special students may register only under symbol HOEC 190b or 190y.

- P. E. 114. METHODS IN PHYSICAL EDUCATION FOR SECONDARY SCHOOLS. (4)
June 26-Aug. 2; Daily, 8:00; GG-128. Three lectures and a lab. each week.
(Husman.)
- P. E. 160. THEORY OF EXERCISE. (3)
June 26-Aug. 2; Daily, 8:00; GG-205. (Stull.)
- P. E. 180. MEASUREMENT IN PHYSICAL EDUCATION AND HEALTH. (3)
June 26-Aug. 2; Daily, 9:30; GG-205. (Kelley.)
- P. E. 189. INSTITUTE—MODERN TRENDS IN CURRICULUM AND METHODS OF
INSTRUCTION IN PHYSICAL EDUCATION. (3 to 6)
June 26-Aug. 2; Daily, 8:00-11:00; GG-160. (Alexander.)
- P. E. 196. QUANTITATIVE METHODS. (3)
June 26-Aug. 2; Daily, 9:30; GG-310. (Schmidt.)
- P. E. 200. SEMINAR IN PHYSICAL EDUCATION, RECREATION AND HEALTH. (1)
June 26-Aug. 2; Tuesday, 1:00; GG-205. (Frale.)
- P. E. 210. METHODS AND TECHNIQUES OF RESEARCH. (3)
June 26-Aug. 2; Daily, 11:00; GG-202. (Stull.)
- P. E. 230. SOURCE MATERIAL SURVEY. (3)
June 26-Aug. 2; Daily, 9:30; GG-128. (Eylar.)
- P. E. 280. SCIENTIFIC BASES OF EXERCISE. (3)
June 26-Aug. 2; Daily, 11:00; GG-205. (D. Clarke.)
- P. E. 288. SPECIAL PROBLEMS IN PHYSICAL EDUCATION, RECREATION AND HEALTH
(Theory of Learning). (1-6)
June 26-Aug. 2; Daily, 8:00; GG-310. (Lawther.)
- P. E. 288. SPECIAL PROBLEMS IN PHYSICAL EDUCATION, RECREATION AND
HEALTH. (1-6)
Arranged. (Staff.)
- P. E. 290. ADMINISTRATIVE DIRECTION OF PHYSICAL EDUCATION,
RECREATION, AND HEALTH. (3)
June 26-Aug. 2; Daily, 9:30; GG-202. (Husman.)
- P. E. 291. CURRICULUM CONSTRUCTION IN PHYSICAL EDUCATION AND HEALTH. (3)
June 26-Aug. 2; Daily, 9:30; GG-037. (Husman.)
- P. E. 399. RESEARCH. (1-5)
Arranged. (Staff.)

HEALTH EDUCATION

- HEA. 5. SCIENCE AND THEORY OF HEALTH. (2)
June 27-Aug. 16; M.T.Th.F.
Section 1—8:00-9:20; AA-16. (Kahnert.)
Section 2—9:30-10:50; AA-16. (Bakhaus.)
Section 3—11:30-12:20; AA-16. (Kahnert.)
- HEA. 40. PERSONAL AND COMMUNITY HEALTH. (3)
June 26-Aug. 2; Daily; 9:30; AA-8. (Miller.)

- HEA. 105. BASIC DRIVER EDUCATION. (3)
June 26-Aug. 2; Daily, 8:00-9:20; GG-201. (Tompkins.)
- HEA. 145. ADVANCED DRIVER EDUCATION. (3)
June 26-Aug. 2; Daily, 9:30-10:50; GG-201. (Tompkins.)
- HEA. 150. HEALTH PROBLEMS OF CHILDREN AND YOUTH. (3)
June 26-Aug. 2; Daily, 8:00-9:20; AA-8. (Miller.)
- HEA. 188. CHILDREN'S REMEDIAL FITNESS CLINIC. (1-4)
June 26-Aug. 2; Daily, Arranged; W112. Must have junior standing and prior permission of the director. (Staff.)
- HEA. 189. WORKSHOP—ADVANCEMENTS IN HEALTH SCIENCE AND EDUCATION. (3 or 6)
June 26-Aug. 2; Daily, 8:00-11:00; NN-320. (Jones.)
- HEA. 200. SEMINAR IN PHYSICAL EDUCATION, RECREATION AND HEALTH. (1)
Arranged. GG-205. (Frale.)
- HEA. 287. ADVANCED SEMINARS HEALTH TEST CONSTRUCTION. (3)
June 26-Aug. 2; Daily, 9:30-10:50; GG-201. (Ludwig.)
- HEA. 288. SPECIAL PROBLEMS IN HEALTH EDUCATION. (1-6)
Arranged. (Staff.)
- HEA. 290. ADMINISTRATIVE DIRECTION OF HEALTH EDUCATION. (3)
June 26-Aug. 2; Daily, 8:00-9:20; GG-201. (Ludwig.)
- HEA. 399. RESEARCH. (1-5)
Arranged. (Staff.)

RECREATION

- REC. 200. SEMINAR IN PHYSICAL EDUCATION, RECREATION AND HEALTH. (1)
June 26-Aug. 2; Tuesday, 1:00; GG-205. (Frale.)
- REC. 210. METHODS AND TECHNIQUES OF RESEARCH. (3)
June 27-Aug. 2; Daily, 11:00; GG-202.
- REC. 288. SPECIAL PROBLEMS IN PHYSICAL EDUCATION, RECREATION AND HEALTH. (1-6)
Arranged. Credit according to work assigned. (Staff.)
- REC. 399. RESEARCH—THESIS. (1-5)
June 26-Aug. 2; Arranged. Credits according to work assigned. (Staff.)



BUSINESS REPLY CARD
First Class Permit No. 94 College Park, Md. 20742

Registrar's Office
University of Maryland
College Park, Maryland 20742

NOTE

Students in good standing in either category listed below *who plan to attend the 1968 Summer School* should complete the attached form and mail or bring it to the Office of the Registrar on or before Friday, May 17, 1968.

1. Enrolled day division undergraduate and/or graduate students attending on campus at College Park during Spring Semester 1967-68.
2. Students who have attended College Park day division on campus during a fall or spring semester since Fall Semester 1959-60 who have been assigned a student number.

Students currently applying for admission should not send in this form.

- NOTE: 1. For students in good academic standing who are teachers, not currently admitted to Graduate School, and who were last enrolled in the College of Education, formal readmission is not needed.
2. Other students not admitted to the Graduate School whose continuous attendance in day division has been interrupted for one semester or more must apply for readmission or reinstatement. Applications for readmission or reinstatement must be secured from the Office of Admissions. The form below *does not* constitute application for readmission or reinstatement.

Date

According to my present plans, I expect to attend the 1968 Summer School.

Student number College

*Name
Last First Initial
Please print

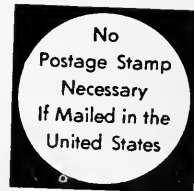
Address

Date of Birth
Mo. Day Year

Last date of attendance in day division at College Park Current or
Mo. Yr.

* Use name under which you registered if different from your present name.

If you wish to apply for admission to the
University of Maryland Summer School, 1968
please complete the following forms.



BUSINESS REPLY CARD
First Class Permit No. 94 College Park, Md. 20742

University Housing
University of Maryland
College Park, Maryland 20742



BUSINESS REPLY CARD
First Class Permit No. 94 College Park, Md. 20742

Admissions Office
University of Maryland
College Park, Maryland 20742

UNIVERSITY OF MARYLAND SUMMER SCHOOL

RESIDENCE HALLS ROOM APPLICATION

(PLEASE TYPE OR PRINT)

Date Student No. Sex. Age

Name
 LAST FIRST MIDDLE

Address
 Number Street Town County State Zip

Home Phone Classification

No. Weeks Attending (Circle One) 1 2 3 4 5 6 7 8

Attendance Dates: From to

Type Room: Single (6 wks. \$84) Double (6 wks. \$60)
 (8 wks. \$112) (8 wks. \$80)

Food Plan (if desired): 6 wks./\$84 8 wks./\$112

(ALL FEES PAID IN FULL AT REGISTRATION)

Summer 1968

Please send me an application for *undergraduate* admission to the 1968 Summer School.

Students enrolled on the College Park campus during the Spring Semester 1968 need *not* apply for admission to the Summer School, but may register on assigned registration day.

NAME
 Please print

STREET ADDRESS

CITY STATE ZIP

THE UNIVERSITY is the rear guard and the advance agent of society. It lives in the past, the present and the future. It is the storehouse of knowledge; it draws upon this depository to throw light upon the present; it prepares people to live and make a living in the world of today; and it should take the lead in expanding the intellectual horizons and the scientific frontiers, thus helping mankind to go forward—always toward the promise of a better tomorrow.

From "The State and the University"
the inaugural address of
President Wilson H. Elkins
January 20, 1955
College Park, Maryland

University of Maryland
College Park, Maryland
20742

