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COLLEGE PARK, MD.

The University of Maryland has been elected to membership in the Association of American Universities. This Association, founded in 1900, is an organization of those universities in the United States and Canada generally considered to be pre-eminent in the fields of graduate and professional study and research.



The University of Maryland is a member of the Association of University Summer Sessions.



The University of Maryland in all its branches and divisions subscribes to a policy of equal educational and employment opportunity for all persons regardless of race, creed, ethnic origin or sex.

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. Changes are effected from time to time in the general regulations and in the academic requirements. There are established procedures for making changes, procedures which protect the institution's integrity and the individual student's interests and welfare. A curriculum or graduation requirement, when altered, is not made retroactive unless the alteration is to the student's advantage and can be accommodated within the span of years normally required for graduation. When the actions of a student are judged by competent authority, using established procedure, to be detrimental to the interests of the University community, that person may be required to withdraw from the University.

SUMMER SCHOOL

UNIVERSITY OF MARYLAND

1971



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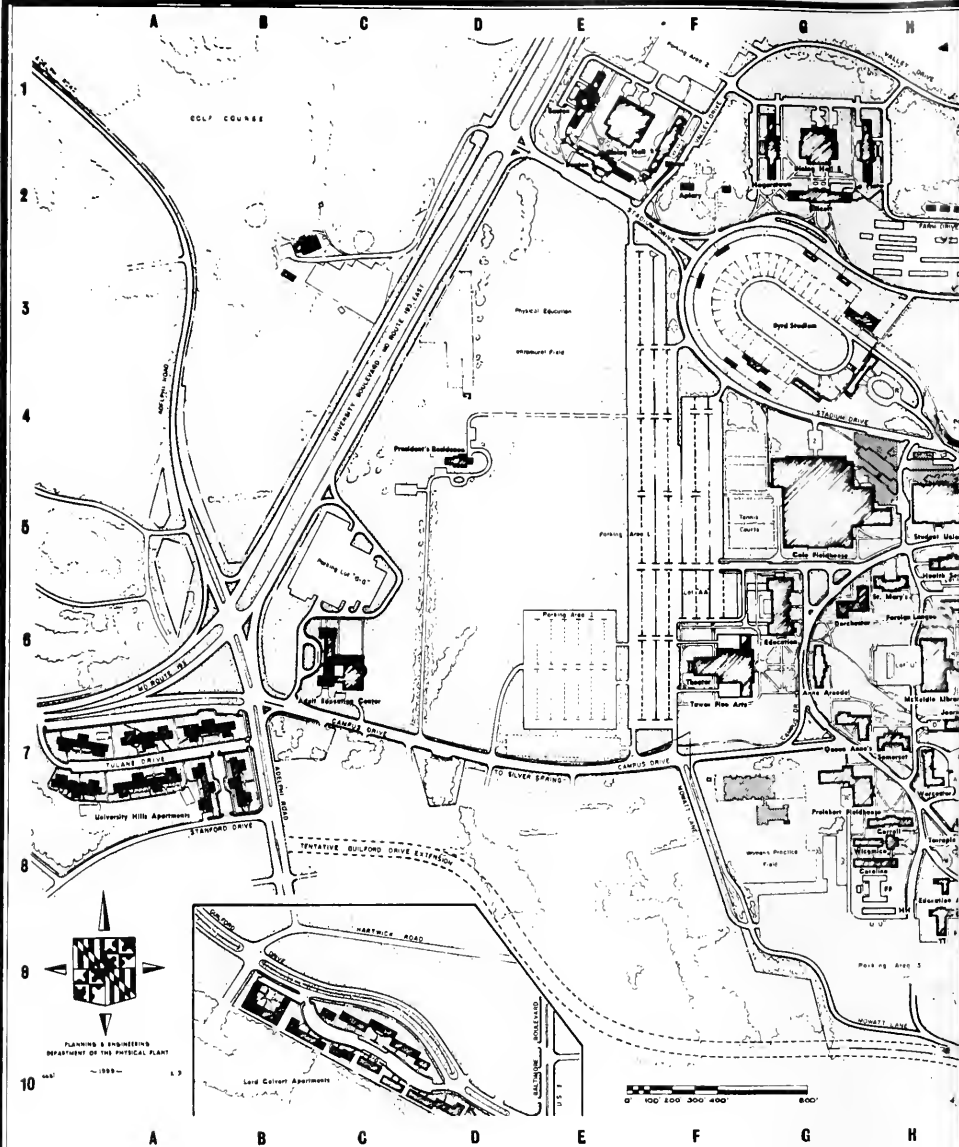
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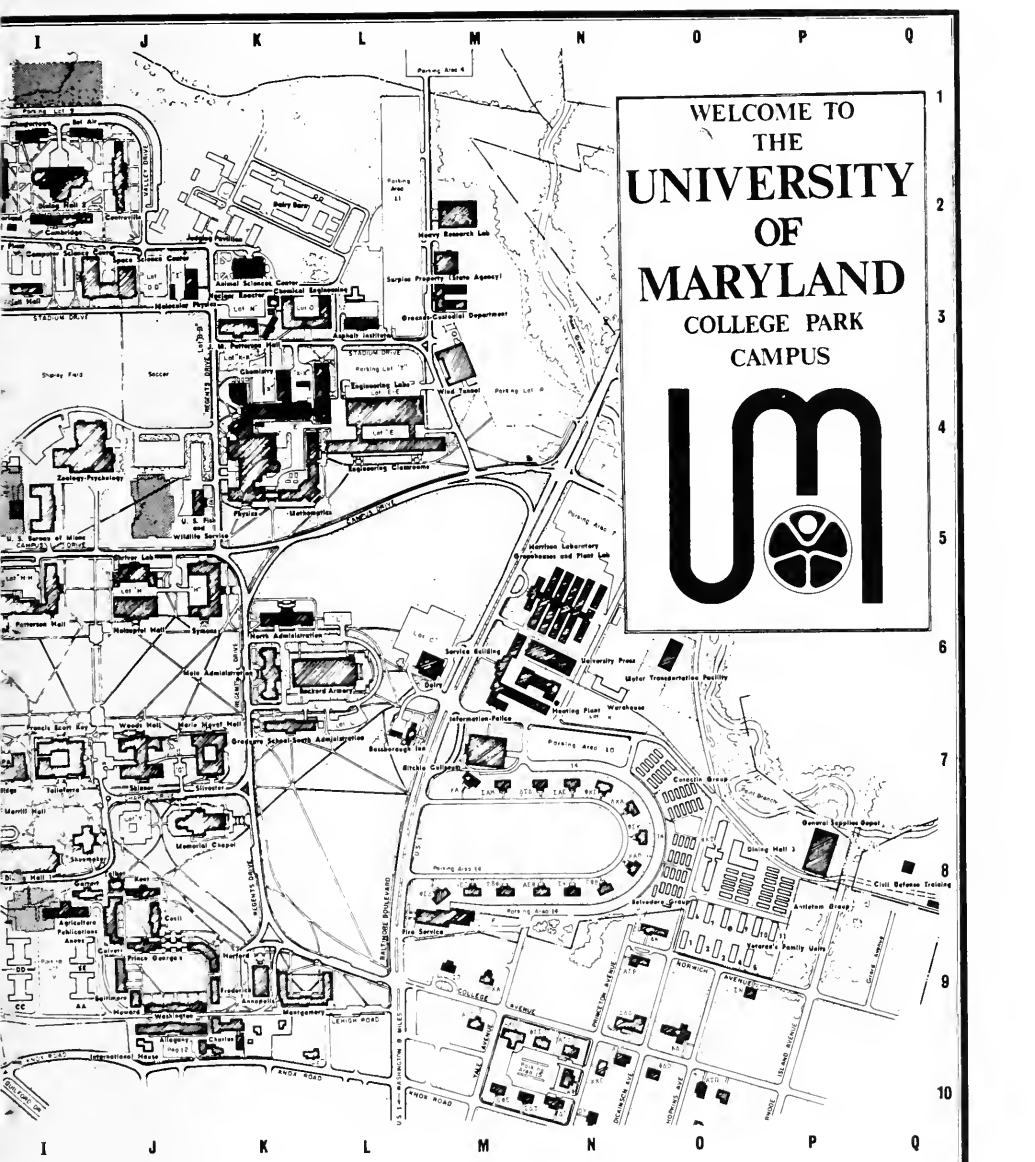
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PLANNING & ENGINEERING
DEPARTMENT OF THE PHYSICAL PLANT
— 1939 —

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Main Adm. Bldg.	K6	Dairy Barn	K2	Heavy Research Lab	M2	Physics Bldg.	
North Adm. Bldg.	K6	Denton Hall	E2	Hospital Hall	J6	Physics Lab	
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Aptery	F2	Education Annex	H8	International House	M6	Residence Halls, Men	
Architecture, School of (DD)	J9	Education Bldg.	H8	Journeillon Bldg.	M10	Residence Halls, Women	
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Chemistry Bldg.	K4	Fish and Wildlife Service, U.S.	J5	Molecular Physics Bldg.	J7	St. Joseph's Hall	
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Colt, Student Activities Bldg.	G5	Francis Scott Key Hall	I7	Nuclear Reactor	K3	St. Joseph's Hall	
Coliseum, Ritzie	M7	General Supplies Depot—Central Receiving	P8	Nursing, School of (Denton Hall)	E2	St. Joseph's Hall	
Computer Science Center	J3	Golf Course	C2	Patterson Hall, H. J. (Agronomy-Botany)	J6	St. Joseph's Hall	
Cottages	H2	Graduate School Bldg.—So. Adm. Bldg.	K7	Patterson Hall, J. M. (Industrial Educ.)	K3	St. Joseph's Hall	
		Greenhouses	M6				
		Health Service—Infirmery	H5				



WELCOME TO
THE
**UNIVERSITY
OF
MARYLAND**
COLLEGE PARK
CAMPUS



CODE	INDEX	CODE	INDEX	CODE	INDEX	CODE	INDEX
G5	Kent Hall	H2	Shriver Lab	J5	University Press-Print Shop	N6	
K4	La Flora Hall	H8	Silverster Hall	K7	Veterans' Family Units	OP	
M7	Prince George's Hall	J8	Skinner Bldg.	J7	Warehouse	N6	
J3	Talbot Hall	J8	Space Science Center	J3	Wind Tunnel	M3	
M7	Washington Hall	J9	Stadium, Byrd	G3	Woods Hall	J7	
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L6	Antietam Group	OB	Symons Hall	J7			
J9	Belvedere Group	H8	Taliaferro Hall	F6			
J9	Caroline Hall	H8	Tawes Fine Arts Center				
J9	Carroll Hall	OB	Temporary Classrooms				
OB	Catechin Group	O7	AA—Health	19			
J9	Centerville Hall	J2	CC—Zoology	19			
J1	Centreville Hall	J2	DD—Architecture	19			
OB	Denton Hall	E2	EE—Dance	19			
OB	Dorchester Hall	H6	FF—WMUC	H8			
J8	Elkvan Hall	F2	HH—Art	H8			
J2	Hagerstown Hall	G2	TT—Art	H8			
O7	La Plata Hall	H2	JJ—Architecture	H8			
J8	Montgomery Hall	K9	Terrapin Hall	H8			
I1	Queen Anne's Hall	G7	Theatre (Tawes Fine Arts Center)	F6			
E1	Somerset Hall	H7	Trailers—Mobil Units	OB			
J1	St. Mary's Hall	H5	Antietam Group	OB			
G2	Wicomico Hall	G8	Belvedere Group	OB			
K9	Worcester	H7	Catechin Group	OB			
K9	Richie Caisium	M7	Turner Lab (Doiry)	M6			
J8	Rosborough Inn	L7	Tydings Hall—S.P.A. Bldg.	I7			
J9	Service Bldg.	M6	University College				
J9	Shipley Field	I6	(Adult Education Center)	C6			
J10	Shoemaker Hall	I8	University Hills Apartments	A7			

PARKING

Casual visitors, without permits, may park in those parking wells adjacent to major buildings which are clearly marked for visitors. Metered parking is also available around the Student Union and in parking areas L (Administration Buildings), DD (Computer and Space Sciences Centers) and in areas KK and Y (Engineering - Sciences Complex). Visitors participating in University sponsored special activities may through special arrangement with the Campus Police, be assigned temporary parking places.

University Calendar 1971-72

SUMMER SCHOOL 1971

June 21, 22	Mon.-Tues.	Registration
June 23	Wed.	Instruction Begins
July 5	Mon.	Independence Day, Holiday, No Classes
August 13	Fri.	Summer Session Ends

FALL SEMESTER 1971-72

September 7-11	Tues. through Sat.	Fall Semester Registration
September 13	Mon.	Instruction begins
November 24	Wed., after last class	Thanksgiving recess begins
November 29	Mon., 8:00 A.M.	Thanksgiving recess ends
December 17	Fri., after last class	Christmas recess begins
January 3	Mon., 8:00 A.M.	Christmas recess ends
January 11	Tues., after last class	Instruction ends
January 12, 19	Wed.	Exam study days
January 13-21	Thurs. through Fri.	Fall semester final examinations

SPRING SEMESTER 1972

January 31- February 5	Mon. through Sat.	Spring Semester Registration
February 7	Mon.	Instruction begins
March 31	Fri., after last class	Spring recess begins
April 10	Mon., 8:00 A.M.	Spring recess ends
May 23	Tues., after last class	Instruction ends
May 24	Wed.	Pre-exam study day
May 29	Mon.	Memorial Day
May 25-June 2	Thurs. through Fri.	Spring semester examinations

REGISTRATION SCHEDULE SUMMER SCHOOL 1971

Monday and Tuesday
June 21 and 22, 1971

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.

	Monday	Tuesday
8:15	Za-Bal	Lj-Ma
8:40	Bam-Bl	Mb-Mn
9:05	Bm-Bt	Mo-Ni
9:30	Bu-Ch	Nj-Ph
9:55	Ci-Co	Pi-Re
10:20	Cp-Dn	Rf-Rz
10:45	Do-Ez	Sa-Sgl
11:10	Fa-Fz	Sgm-Ss
11:30	Ga-Grl	St-Td
1:00	Grm-Hd	Te-Vz
1:25	He-Hr	Wa-Wh
1:50	Hs-Jz	Wi-Yz
2:15	Ka-Kr	
2:40	Ks-Li	

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. A previously admitted graduate student must also bring his plastic transactions card and the new graduate student must bring the letters offering him admission.



Dr. Clodus R. Smith, Director

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; and Ed.D., Cornell University, 1960.

JOHN F. PARR, Visiting Lecturer in History and Assistant Director of Summer School for Academic Programs
B.S.F.S., Georgetown University, 1939; M.A., 1948; Ph.D., 1951, University of Fribourg, Switzerland.

PAUL P. TRAVER, Professor of Music and Assistant Director of the Summer School for Cultural and Recreational Programs
B.Mus., Catholic University, 1955; M.Mus., 1957; and D.M.A., Stanford University, 1967.

JOHN W. CHURCHILL, Associate Professor of Recreation and Coordinator of the Summer School Recreation Program
B.S., State University of New York, Cortland, 1958; M.S., University of Illinois, 1959; Ph.D., University of Wisconsin, 1968.

The Summer School at the University of Maryland makes available educational opportunities for undergraduate and graduate students who wish to fulfill degree requirements in the shortest length of time, who wish to take courses that they cannot fit into their academic year schedules, or who need to make up deficiencies or test their ability to do college work. The Summer School also seeks to broaden and vary the instructional program by appointing outstanding visiting lecturers and to stimulate students' interests by providing an academic environment which includes a diversified cultural and recreational program. To meet specific educational needs, the Summer School offers workshops and institutes for school personnel and other groups.

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. For information not found in this catalog, please write or phone:

THE SUMMER SCHOOL
201 Turner Laboratory
University of Maryland
College Park, Maryland 20742
Telephone (301) 454-3347/8

ADMISSION AND REGISTRATION PROCEDURES

Terms of Admission

General Statement: The University of Maryland, in all its branches and divisions, subscribes to a policy of equal educational opportunity for peoples of all races, creeds and ethnic origins.

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

College Park Campus Regular and Special Student Admission

Undergraduate day students or graduate students who were registered on the College Park Campus during the spring semester and were in good academic standing at the end of the spring semester need only to appear for registration at the time indicated on page 7.

Undergraduate day students, except Maryland elementary and secondary school teachers who are previously admitted special undergraduate students, who were not registered at the College Park Campus during the preceding semester must be readmitted or reinstated. Applications for readmission or reinstatement may be obtained from the Admissions Office and should be filed 30 days in advance of registration.

Maryland elementary and secondary school teachers who were previously admitted as special undergraduate students, who retain this classification, and who are in good academic standing, need only to appear for registration at the time indicated on page 7.

A University College-College Park student must only present a letter of permission from his dean in order to register.

UMBC and University College—Baltimore Students

The UMBC or University College Baltimore student who wishes to take summer courses at College Park must present a letter from his dean and an application, but no application fee.

Students from Other Colleges and Universities

A student seeking a bachelor's degree in any undergraduate college, who has not been previously admitted to the University, must file an application with the Director of Admissions not later than June 1, 1971. Students applying only for the summer session must have a letter of permission from the Dean or Registrar of the college in which they are presently enrolled. In addition they must be in good standing (not on probation) at their present college.

New Freshman Students

Admission from secondary school is based on evidence indicating the applicant's probable success in the program of his choice. Applicants will be evaluated by two sets of criteria: (1) high school academic record in college preparatory subjects and class standing and (2) the University's predictive index.

High School Record and Class Standing

Applicants for admission from secondary school who have (1) achieved at least a C average, when D is the lowest passing grade, in college preparatory subjects and (2) rank in the top half of their class will be offered admission.

Predictive Index

Applicants who have achieved at least a C average but who do not rank in the upper half of their class will be evaluated on the basis of the University's predictive index. The variables included in the index are the applicant's (1) grade-point average in academic courses, (2) class rank and (3) Scholastic Aptitude Test scores.

An applicant whose predicted grade-point average at the end of the first year is 1.75 or better (on a 4.0 scale) will be offered admission.

Other Requirements for Admission

In addition to meeting one of the sets of criteria noted above, all applicants must also:

1. Be recommended for admission by their high school principal or counselor;
2. Have received their high school diploma before their first registration with the University;
3. Have successfully completed the high school subjects required for the college and curriculum for which application is made, except admission to the School of Architecture which is competitive with selection based on previous academic achievement;
4. Have completed the Scholastic Aptitude Test and have requested that the results be submitted to the University. Applicants should take the SAT before the end of the fall semester preceding enrollment at the University. For further information on the SAT, applicants should consult their high school counselor or write to the Educational Testing Service, Princeton, New Jersey 08540. To have the test results sent to the University of Maryland at College Park, use the College Park Campus code number 5814 in the proper place on the test.

New Transfer Students

An applicant must be in good standing in scholarship and character to be considered for admission. Transfer applicants who are residents of Maryland are required to have at least a C average (2.0 on a 4.0 scale) in all previous work. The Associate of Arts degree qualifies the community college transfer student for admission.

Non-resident applicants are required to have a cumulative average of at least 2.5 on a 4.0 scale.

For further information inquire of the Coordinator of Transfer Students, Office of Admission.

New Special Students

Applicants over 21 years of age who qualify for admission but who do not desire to work toward a baccalaureate degree may be admitted as special students. These students are ineligible to matriculate for a degree until they have submitted all required documents. Permission from the dean of the various schools and colleges of the University is often needed in order to enroll as a special student.

Special students who have received a baccalaureate degree are advised that no credit earned while enrolled as special students may be applied at a later date to a graduate program. These post-baccalaureate students may enroll for courses at the 300 to 499 level for which they possess the necessary prerequisites but may not enroll in courses restricted to graduate students only.

Applicant Procedures for Undergraduate and Special Students

An application form may be obtained by using the request for application found in the back of this Bulletin or by applying directly to the Office of Admissions.

All undergraduate and special students applying for Summer School admission, unless exempted above, must file applications with the Director of Admissions not later than June 1, 1971.

New Graduate Students

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, 1971, and must have been admitted to the University before registering for classes. To secure an application form, please fill out and return the request for application for graduate admission found in the back of this Bulletin.

REGISTRATION PROCEDURES

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 10 on Admissions.

Undergraduate and graduate students enrolled in the 1971 Spring Semester who are in good academic standing may register without further application.

Registration for all undergraduates 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 advisors. Since Social Security numbers are 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. A previously admitted graduate student should also bring his plastic transactions card. New students must bring their letter of admission. Registration cards must be approved by both the student's advisor and dean. Graduate students must secure the approval of the Vice President for Graduate 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 Registrations Office on June 23. After June 23, exceptional cases may be registered only after approval of the appropriate dean. The late registration fee, charged on and after June 23, is \$20.00.

ACADEMIC INFORMATION

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 Summer School are applicable toward the appropriate degree provided they are included in the student's program as planned with his advisor.

All students will receive an official grade 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. Courses may be taken on a pass/fail basis. 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 advisors in accordance with the following guidelines.

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 combinations 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 foreign language examinations. Please inquire of the Graduate School the exact dates for application and examination.

Special regulations governing graduate work in Education and supplementing the work statement 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 during summer registration or at the Office of Registrations by July 2, 1971.

General Education Program

The University's minimum requirement in general or liberal arts studies, incorporated in all undergraduate curricula, is known as the General Education Program. The courses which may be elected under the program are designed to acquaint the student with the basic concepts and methods of a number of academic disciplines and to provide a broad foundation upon which the entire educational experience can be correlated.

The requirement consists of 34 semester hours of credit distributed over six general areas: 9 credits in English composition and literature; 6 credits in history; 6 credits chosen from at least two fields of the social sciences; 7 credits in biological and physical sciences; 3 credits in mathematics; 3 credits in fine arts or in philosophy. In order to permit the student the widest possible choice, a number of course options are available in each of the fields except English. In addition, 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.

Advanced Placement Program

Students entering the University from secondary schools 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 combined catalog. 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

Class Periods

Unless otherwise noted, classes during the 1971 summer session will meet on the following time schedule:

Day Classes

8:00— 9:20

9:30—10:50

11:00—12:20

12:30— 1:50

2:00— 3:20

3:30— 4:50

Evening Classes

MW 7:00—9:50 p.m.

TTh 7:00—9:50 p.m.

MTWTh 7:00—8:20 p.m.

MTTh 8:30—9:50 p.m.

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 MWF.
- 3 credit courses meet MTThF.
- 4 credit courses meet daily, plus laboratory time.
- All evening classes, according to schedule.

Residency Policy of The University of Maryland

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 minor is determined at the time of his first registration in the University and may not thereafter be changed by him unless 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 his parents or legal guardian prior to the registration period set for any semester.

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. An adult may change his status from non-resident to resident by withdrawing from the University for six months and remaining in the State as a civilian not enrolled in any other institution for more than eight semester hours of credit. 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 unless the individual's home of record on his official military records is the State of Maryland. In the case of both military personnel and adults, residence may be established through ownership and maintenance of a home in the state which is the student's primary place of domicile.

Procedures are available for reviewing the residence status of students. Individuals seeking to appeal the decisions concerning their residence status should contact the Office of Admissions.

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	\$ 4.00
Summer Vehicle Registration Fee	5.00
(\$5.00 for first vehicle and \$1.00 each for additional vehicles in accordance with published regulations.)	
Recreation fee	3.00

Undergraduate Students

Tuition per credit hour	\$22.00
Non-resident 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	\$38.00
Non-resident Student	48.00
Maryland Teacher	34.00

A Maryland teacher is defined for fee assessment purposes as any full-time professional employee of a school or college located in the State of Maryland and accredited by the State Department of Education. The teacher must be currently under contract or on official leave for the purpose of taking full-time graduate work at the University of Maryland. Teachers enrolling in the summer session will be considered as being currently under contract provided that they have a valid contract for the academic year immediately following the summer session.

CONTRACT STATUS MUST BE ESTABLISHED ANEW AT EACH REGISTRATION by the 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. If the letter or document is needed by the teacher for other purposes, he must supply a photocopy which will be retained by the registration clerk. The necessary letter, document, or photocopy must be provided at the time of registration.

Miscellaneous Information

Late registration fee, \$20.00, charged on and after June 23. Graduate Language Examination Fee, \$10.00.

A fee of \$5.00 is charged for change in program after June 25. 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 9. All changes must be approved by the appropriate dean and filed in the Office of Registrations.

The graduate fee is \$10.00 for bachelor's and master's degrees, and \$50.00 for doctoral degrees. Students who apply after the end of the second week (after July 3) 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.

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit at both the undergraduate and graduate levels.

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 Registrations 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 Registrations. 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 the matriculation fee and vehicle rights fee which are not refunded, students withdrawing from the University will receive a refund of all charges in accordance with the following schedule:

Period from Date Instruction Begins	Refundable Percentage
One week or less	70%
Between one and two weeks	50%
Between two and three weeks	20%
After three weeks	0

Refund for Dropping a Course

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 4:30 on June 25. No refunds will be made for courses dropped after June 25.

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 Facilities Division of The University Housing Office.

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. Each resident supplies 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 and residence regulations.

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

Regular Residence Halls	Double Occupancy	Single Occupancy
Six week session	\$72.00	\$ 96.00
Eight week session	\$96.00	\$128.00

Weekly rates of \$12.00 for double room and \$16.00 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 applicable room charge is payable in full 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 application and received a confirmation of room reservation can be assured that rooms are available for them upon their arrival. To secure an application for campus residence, please complete and return the Request for Housing Application found in the back of this Bulletin. 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. Applicants will be notified by mail after June 1 of the time and place to receive their room assignment. Do not call or write prior to this date. The applicant beginning classes on Wednesday, June 23, must claim his room in his residence hall by noon on that date. The applicant beginning classes at other times must claim his room by reporting to the University Housing Office between 8:30 a.m. and 4:30 p.m. Otherwise the specific room reservation will be cancelled.

The University residence halls will open for occupancy at 10:00 a.m. Sunday, June 20. Students will be expected to move out of the residence halls before 7:00 p.m. on the day after their classes end. The six week session ends on July 30. The eight week session ends on August 13.

Residence hall assignments for the summer in no way affect housing assignments for the following academic year. Room assignment is for the summer session only. If a student is to be a full-time, single, undergraduate student during the regular academic year and wishes to apply for campus residence, he must apply through the University Housing Office.

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 halls.

Food service is available to all summer students in the University's Dining Halls. Meals will be served on a cash-pay-as-you-go basis only. During summer school, meals will be served seven-days each week, three meals a day with the exception of Sunday evening.

Student Health

The University Infirmary, located on the campus near the Student Union, provides medical service for the students in the summer session who are taking courses on the College Park Campus. 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. Doctors' office hours are: week days, 9:00 a.m. to 4:00 p.m.; weekends, 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 their operators license and the state or District of Columbia automobile registration card containing the automobile tag number. Parking stickers for automobiles previously registered for the 1970-1971 academic

year will be honored for the 1971 summer session. For automobiles operated by new students or non-registered cars operated by continuing students, there will be a registration fee. (See page 15.) Vehicles must be registered by the legal operator only.

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 between the hours of 8:00 a.m. to 5:00 p.m. The University Regulations forbid the parking of cars on any campus road. These regulations are enforced by the Campus Police Department.

Libraries

Libraries of the University are located on the College Park and Baltimore campuses. They consist of the general University Library (the Theodore R. McKeldin Library), the Engineering and Physical Science Library, the Chemistry Library, and the Architecture Library in College Park; and the Health Sciences Library and the Law Library in Baltimore. The libraries have a total book collection of over 1,200,000 cataloged volumes and currently receive more than 15,000 periodicals and newspapers.

In addition to the total of cataloged volumes cited above, the College Park libraries contain over 180,000 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 Theodore R. 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 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 in 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; Summer Festival of Fine Arts; Summer Recreation Program; 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 1971 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.

1971 Summer Festival

The 1971 Summer Festival, under the direction of Dr. Paul Traver, will offer the campus and community a series of programs in art, dance, drama, film and music. Outstanding performers in these media will appear on the College Park campus. A complete calendar of events will be distributed at registration. 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.

Summer Recreation Program

To promote and coordinate a summer program of leisure time activities for the campus community, the Summer School sponsors a Summer Recreation Program directed by Dr. John Churchill. This program includes such activities as square dancing; recreational swimming; an art workshop; bridge, chess, and bowling tournaments; softball leagues; and a variety of others. The Summer Recreation Office also assists the promotion and coordination of programs offered by other units. Special services such as social hours or special swimming sessions may be requested by any group. Possession of a University of Maryland staff identification card or validated student identification card allows an individual to participate in the Summer Recreation Program. A group fee may be charged to cover unusual expenses.

Institutes and Workshops

Communication regarding institutes and workshops should be addressed to the director, as indicated, University of Maryland, College Park, Maryland 20742.

All workshop and institute students must be admitted to the University according to procedures described on pages 10 to 12.

Institutes

National Science Foundation

Institute for Teachers of Elementary School Mathematics

Dr. Robert B. Ashlock, Early Childhood-Elementary Education

Institute for Teachers of Junior High School Mathematics

Dr. James T. Fey, Mathematics Department

Institute for High School Teachers of Biology

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

Workshops

College of Arts and Sciences

Archaeological Field School (ANTH 494-694) 6 credits

June 22-Aug. 29; daily, 8:00-5:00.

Mr. Melburn Thurman, Director

The purpose of the field school is to train students in the basic field and laboratory techniques of archaeology and related anthropological research. Students will be involved in the excavation of contact—Indian and early colonial sites in southern Maryland and the laboratory analysis of the materials on campus. For further information, contact the director in the Department of Anthropology.

Workshop in Dance (DANC 489) 3 credits

June 21-July 9; daily, 9:30-12:30

Mr. Walter Nicks, Director

To offer an opportunity for Jazz: its style; its presentation; its history and teaching approaches.

Institute in Hispanic Language and Literature

June 21-August 13; MTWTh

Barbara Willoughby-MacDonald, Director

To provide a concentration primarily on the acquisition and proficiency of the skills of understanding and speaking with attention to advanced courses in a continuous exposure to Spanish in a Hispanic atmosphere.

College of Business and Public Administration

Managerial Mathematics Workshop (BSAD 000) 0 credit (billed for 3 credit hours)

June 21-August 13; MTuThF; 7.00-9.30 P.M.

Mr. Theodore Mattheiss, Director

The purpose of this course is to present mathematical concepts necessary for Economic, Managerial and Systems Analysis. The minimum mathematical tools required for courses in this area include elementary matrix algebra, elementary probability theory, mathematical relationships, and optimization of functions of one variable.

College of Education

Human Relations in Educational Administration (EDAD 499A) 6 credits

June 21-July 30; daily, 9.30-3.00

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 relations skills.

Places will be held for teams for whom reservations have been made by March 1, by the various Maryland schools and school systems. If the reservations exceed the number of places, the Director of the Workshop will decide which reservations will be honored. After March 1, the Workshop will be available on a first-come-first-served basis to anyone who has been admitted to the Graduate School of the University.

Instructional Materials (EDUC 499B) 3 credits

June 23-July 13; daily 1:00-4:30; Educational Technology Center, College of Education

Dr. Margaret W. Chisholm

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.

Supervision of Student Teachers (EDUC 499A) 3 credits

June 23-July 14; arranged

Dr. R. Ross Hempstead, 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.

Vocational Education (EDIN 499D) 1 credit

Section 1—June 23-August 11

Section 2—June 23-August 11

Section 3—June 23-August 11

European Travel Seminar (EDEL 499K) 6 credits

June 22-August 3

Dr. Richard O'Donnell, Director

The seminar is conducted as a supervised study tour designed to observe and experience cultures of various countries through travel, directed field study and an integrated series of lectures. Lectures may cover the historical geographical, political, economic and social aspects of a country or area. The tour will include major cities of the continent and London. Visits will include historic buildings, museums, and galleries, with ample free time for operas, concerts, ballet, shopping and independent travel. The seminar provides six semester hours of content undergraduate credit and is accepted by the Maryland State Department for certification. (Consent of instructor required.)

Human Development Workshops

Dr. Harry B. Green, Director

The Direct Study of Children and Youth (EDHD 313-613) 3 credits
(Laboratory in Behavior Analysis) July 12-July 30; daily, 12:30-3:00.

Leaders and prospective leaders of Child and Youth Study groups are provided basic training through lecture-discussion, laboratory periods, and library work.

Application of Human Development Principles (EDHD 499-C) 2 credits
August 2-August 13; daily, 8:00-12:00.

As new research findings emerge in human development, educational practices must necessarily be reevaluated. That is the purpose of this workshop.

Education Leadership (EDHD 499-K) 2 credits

June 7-June 18; daily, 8:00-12:00. (Prior to regular Summer Session).

Group processes and leadership techniques will be the focus of this workshop. Students and instructor(s) will be involved in a series of growth experiences as well as evaluating research related to group processes.

Workshop For Teachers of Disadvantaged Youth (EDSE 499-B) 3 credits

June 21-July 9; daily 9:30-3:30

Dr. Christine Bialek, Director

For pre-service or in-service teachers who are currently teaching disadvantaged youth or are interested in such teaching. The workshop will provide background material, laboratory skill training, and field research opportunities related to the target population. Prerequisite: teaching experience, and/or Human Development and Education or its equivalent. In special cases: permission of instructor.

Team Teaching (EDSE 499-D) 3 credits

June 21-July 9; daily 9:30-3:30

Dr. George 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 project, etc.

Teaching Family Relationships in The Secondary School (EDSE 499-L) 3 credits

July 12-July 30, daily 9:30-3:30

Dr. Louise Lemmon, Director

This workshop, offered primarily for secondary Home Economics teachers, will focus on analysis of the content of family studies appropriate to the secondary school, and synthesis of conceptual curriculum plans for teaching human development and family studies. The workshop will feature seminar sessions, conferences regarding individual projects and field trips to agencies working with families.

Recent Trends in Methods of Teaching Home Economics (EDSE 499-M) 3 credits

June 21-July 9; daily 9:30-3:30

Dr. Kinsey B. Green, Director

This workshop designed primarily for Home Economics teachers, will focus on analysis of recent trends in teaching methods, application of the methodology of conceptual teaching, evaluation of teaching according to research models and analysis of the relationship between learning theory, communication theory, and methods of teaching. Workshop format will emphasize seminar sessions and individual projects, including a micro-teaching experience.

Distributive Education Topics (EDSE 499-P) 3 credits

July 5-July 23, daily 9:30-3:30

Dr. C. Raymond Anderson, Director

Workshop aimed at reorienting and retraining teachers for instructional patterns to fit occupational demands and individual student needs in regular and special areas. Participants will be involved in developing curriculum materials and teaching approaches adaptable to individual and special needs.

Interpersonal Communications and Human Relations in the Classroom (EDSE 499-R) 3 credits

July 12-July 30, daily 9:30-3:30

Dr. George Funaro, Director

Consideration of the human factor in the teaching-learning (educational) process. Emphasis on interpersonal communication techniques including role-playing, analysis of group assessment, and structured approaches to the examination of behavior in emotional and stress situations with the expectation that understanding of a teacher's behavior requires, among other things, his awareness of how he himself affects the interpersonal relationship because of his own point of view and consequent behavior.

Workshop in Ethnic Studies (EDSE 499-Y) 3 credits

June 21-July 9; daily 9:30-3:30

Dr. Arthur Adkins, Director

Workshop aimed at studying and preparing curriculum plans in ethnic studies including contribution to American culture of minority groups. Sponsored jointly by the University of Maryland and the Maryland State Department of Public Instruction. Credit in either Elementary or Secondary Education as desired.

College of Home Economics

Special Topics—Helping Families with Managerial and Consumer Problems (FMCD 490) 3 credits

June 21-July 17; daily 9:00-12:30

Dr. Charlotte V. Churaman, Director

This workshop is designed to aid men and women who work in family-centered programs in (1) clarifying key concepts in the development and use of family resources and (2) designing approaches for helping families with consumer activities and task performance to meet family goals.

Resource speakers will discuss alternative proposals for government income subsidies, legal aspects of consumer problems and the evaluation of family progress.

Participants who wish to pursue individual follow-up projects on their own jobs or in volunteer programs in their home communities may enroll for 1-3 extra credit hours. They would participate in a follow-up conference to be arranged.

Special Topics—Helping Families with Managerial and Consumer Problems (HOEC 678) 3 credits

See description for FMCD 490.

College of Physical Education, Recreation and Health

Advancements in Health Science and Health Education (HLTH 489-A) 3-6 credits

June 23-July 30; daily, 9.00-12.00

Dr. Herbert L. Jones, Director

Update school health personnel in latest developments in research in content areas of mental health, consumer health, and environmental health.

Current Issues in Health Education (HLTH 489-K) 3-6 credits

June 23-July 30; daily, 9:00-3:00

Dr. Dan Leviton and Mrs. Doris Sands, Co-Directors

This course will be set up to include three separate parts. The first ten days will deal with the area of Death Education and Suicide Prevention, the second ten days will receive a concentration in the area of drug education, and the third segment deals with Human Sex and Sex Education; students will be

allowed to enroll in any of the three sections and receive three credits. The maximum for any one student will be six credit hours received by enrolling in two of the three areas.

Motor Learning: Implications for Teaching (HLTH 489-B) 3 credits

July 9-July 21; daily, 12:30-4:00 p.m.

Dr. Joan Hult and Dr. Alice Love, Directors

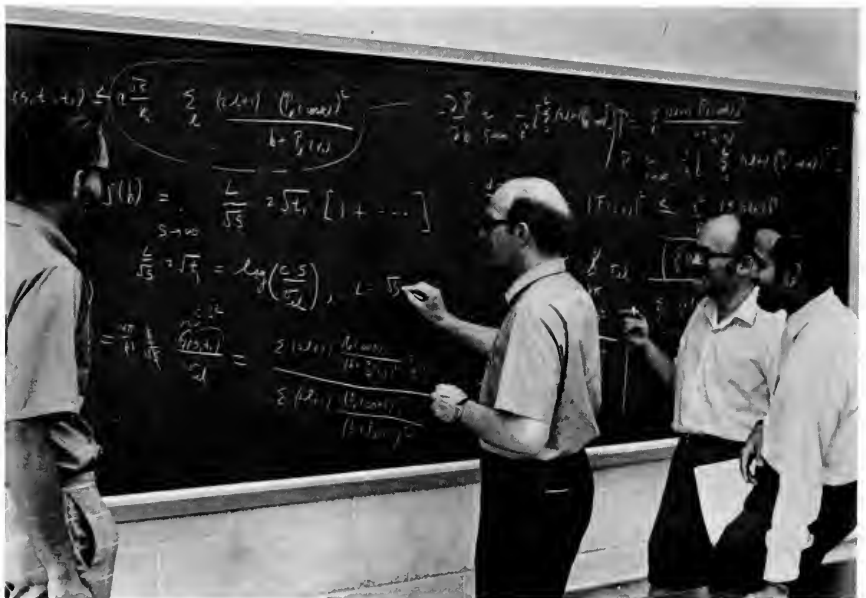
To "transform" Motor learning research results into practical teaching applications.

Outdoor Education Workshop (RECR 454) 6 credits

June 23-July 30; daily, 9.00-3.00 and arranged

Dr. George Eley, Director

The Outdoor Education Workshop, offered in cooperation with and on behalf of the local and state education authorities, will present the philosophy, activities, materials, and methods recommended for modern outdoor education practice. Course content will involve group discussion and projects, practice sessions both on and off campus, trips, presentations by visiting specialists and preparation and use of visual aids and curricular materials. Activity areas will range through the sciences and outdoor recreational skills. At least one week will be spent in a camp setting. Laboratory and field trip fees will be in addition to regular credit hour fees. Students in the College of Education who plan to apply this credit toward a degree program should obtain the authorization of their advisers.



COURSE OFFERINGS

Unless otherwise noted, classes which meet daily run for six weeks, June 23-July 30, and classes which meet on the M.T.Th.F. schedule run for eight weeks, June 24-August 13.

An "S" before a course number denotes that the course is offered in the summer session 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.

THE UNIVERSITY HAS ADOPTED A NEW COURSE NUMBERING SYSTEM WHICH GOES INTO EFFECT WITH THE SUMMER SCHOOL OF 1971. COURSES IN THIS CATALOGUE ARE LISTED BY THE NEW NUMBERS. HOWEVER, FOR THE CONVENIENCE OF THOSE WHO HAVE BEEN USING THEM, THE OLD NUMBERS HAVE BEEN PLACED BETWEEN SLASHES AFTER THE TITLE OF THE COURSE.

Example:

AGEC 699. Special Problems in Agricultural Economics (1-2 var cr) /301/
 0101 Arranged ARR Staff

In the above example ARR refers to the fact that the room number and the building are to be arranged. Staff means that the faculty will be provided from the departmental staff.

COLLEGE OF AGRICULTURE

AGRICULTURAL ECONOMICS

AGEC 399

Special Problems (1-2 Var Cr) /198/
 (Not for graduate credit)
 0101 Arranged

Staff

AGEC 699

Special Problems in Agricultural Economics (1-2 Var Cr) /301/
 0101 Arranged

Staff

AGEC 799

Master's Thesis Research (1-6 Var Cr) /399/
 0101 Arranged

Staff

AGEC 899

Doctoral Thesis Research (1-6 Var Cr) /499/
 0101 Arranged

Staff

AGRICULTURAL ENGINEERING

AGEN 489

Senior Problem (02) /189/
 (Approval of Department)
 0101 Arranged

Staff

AGEN 499

Special Problems in Farm Mechanics (1-3 Var Cr) /198/
Approval of Department. Not acceptable for AGEN Majors.
Problems assigned in proportion to amount of credit.
0101 Arranged

Staff

AGEN 699

Special Problems in Agricultural and Aquacultural
Engineering (1-6 Var Cr) /301/
0101 Arranged

Staff

AGEN 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged

Staff

AGEN 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff

AGRONOMY

AGRO 499

Special Problems in Agronomy (1-3 Var Cr) /198/
(Prerequisites Agro 202, 406, 407, or permission of instructor)
0101 Arranged

Staff

AGRO 608

Research Methods (02) /208/
(Prerequisite—Approval of Staff)
0101 Arranged

Staff

AGRO 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged

Staff

AGRO 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff

ANIMAL SCIENCE

ANSC 399

Special Problems in Animal Science (1-2 Var Cr) /198/
(Prerequisite—Approval of Staff)
0101 Arranged

Staff

ANSC 660

Poultry Literature (1-4 Var Cr) /262/
0101 Arranged

Staff

ANSC 663

Poultry Nutrition Laboratory (02) /263/
0101. Arranged

Creek

ANSC 699

Special Problems in Animal Science (1-2 Var Cr) /301/
Prerequisite—Approval of staff. Work assigned in proportion
to amount of credit.
0101 Arranged

Staff

ANSC 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged Staff

ANSC 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged Staff

BOTANY

BOTN 100

General Botany (04) /001/

0101 MTuThF 8/MTuThF 9:30-10:30 E 001 E 244 Harrison

0102 MTuThF 8/MTuThF 11:00-12:30 E 001 E 244 Staff

0103 MTuThF 8/MTuThF 12:30- 2:30 E 001 E 247 Staff

BOTN 301

Plants and Mankind (02) /136/

Prerequisite—Botn 100 or equivalent. Only to participants
in NSF Institute

0101 MTuThF 1-3 E 211 Rappleye

BOTN 389

Tutorial Readings in Botany (Honors Course) (2-3 Var Cr) /195/

(See College of Agriculture Bulletin for details)

0101 W9-4 E 001 Menefee

BOTN 398

National Science Foundation Institute Seminar—Summer Institute
For Biology Teachers (02) /199S/Open only to participants in the NSF Institute For Biology
Teachers. Two or three hour sessions or all day field trips.

0101 W9-5 E 001 Menefee, Staff

BOTN 399

Research Problems in Botany (Honors Course) (2-3 Var Cr) /196/

Prerequisite—Botn 389S. See College of Agriculture Bulletin
for details.

0101 Arranged Staff

BOTN 407

Teaching Methods in Botany (02) /151S/

Prerequisite—Botn 100 or Equivalent. Open only to participants
in the NSF Institute.

0101 MTuThF 1-2.50 E 341 Menefee

BOTN 411

Plant Anatomy (03) /111/

0101 TuTh 9.30/MTuThF 10.30-12.10 E 211 E 211 Rappleye

BOTN 441

Plant Physiology (04) /101/

Prerequisites—Botn 100 and General Chemistry or their equivalents.
Open only to participants in the NSF Institute.

0101 MTuThF 8/MTuThF 9-1.50 E 201 E 341 Lockard

BOTN 477

Marine Plant Biology (04) /171/

Prerequisite—Botn 100 or General Biology, Organic Chemistry or
the Consent of the Instructor. To be offered at the Chesapeake
Bay Laboratory, Solomons, Md. Enrollment limited to 15 students.

0101 Arranged Krauss, Staff

- BOTN 497
Special Problems in Marine Research (1-3 Var Cr) /172/
0101 Arranged Krauss, Staff
- BOTN 699
Special Problems in Botany—Marine Botany (1-3 Var Cr) /301/
0101 Arranged Krauss, Staff
- BOTN 799
Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged Staff
- BOTN 899
Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged Staff

ENTOMOLOGY

- ENTM 100
Insects (03) /005.
0101 MTuThF 9.30 O 120 Staff
- ENTM 399
Special Problems (1-3 Var Cr) /198/
(Credit and prerequisites determined by the Department)
0101 Arranged Staff
- ENTM 407
Entomology For Science Teachers (04) /121S/
(Open only to participants in the NSF Institute)
0101 MTuThF 8/MTuThF 9 O 120 O 200 Messersmith
- ENTM 699
Advanced Entomology (1-6 Var Cr) /301/
(Credit and prerequisites determined by the Department)
0101 Arranged Staff
- ENTM 799
Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged Staff
- ENTM 899
Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged Staff

FOOD SCIENCE

- FDSC 399
Special Problems in Food Science (1-3 Var Cr) /198/
(Prerequisite—Approval of Staff)
0101 Arranged Staff
- FDSC 699
Special Problems in Food Science (1-4 Var Cr) /301/
Credit according to time scheduled and magnitude of problem.
Prerequisite—Chem 461 and Permission of Faculty.
0101 Arranged Staff
- FDSC 799
Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged Staff

FDSC 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff

GEOLOGY**GEOL 100**

Geology (03) /001/

0101 MTuThF 9.30

E 053

Seigrist

0201 MTuThF 11

E 053

Seigrist

HORTICULTURE**HORT 399**

Special Problems (2-4 Var Cr) /198/

(For students majoring in Horticulture or Botany)

0101 Arranged

Staff

HORT 699

Special Problems in Horticulture (1-3 Var Cr) /301/

(Limited to Horticultural Majors)

0101 Arranged

Staff

HORT 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

HORT 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

RURAL EDUCATION**RLED 325**

Directed Experience in Extension Education (1-5 Var Cr) /121/

(Satisfactory academic average and permission of Instructor)

0101 Arranged

Ryden

RLED 487

Conservation of National Resources (03) /170/

Travel fee \$17.50 in addition to the regular credit

hour fees. Taken concurrently with RLED 497. Meets daily.

0101 Arranged

E 153

Staff

RLED 497

Conservation of Natural Resources (03) /171/

Travel fee \$17.50 in addition to the regular credit hour

fees. Taken concurrently with RLED 487. Meets daily.

0101 Arranged

E 153

Staff

RLED 488

Critique in Rural Education (01) /180/

(Approval of Staff)

0101 Arranged

Staff

RLED 489

Critique in Rural Education (01) /180/

(Approval of Staff)

0101 Arranged

Staff

RLED 499	Special Problems (1-3 Var Cr) /198/ (Approval of Staff) 0101 Arranged	Staff
RLED 626	Program Development in Extension Education (02) /225/ (Prerequisite — RLED 422 or equivalent) 0101 Arranged	Ryden
RLED 689	Special Topics in Rural Education (02) /207/ (Permission of instructor) 0101 Arranged	Nelson
RLED 699	Special Problems (1-3 Var Cr) /301/ (Prerequisite—Approval of Staff) 0101 Arranged	Staff
RLED 789	Special Topics in Rural Education (02) /208/ (Permission of Instructor) 0101 Arranged	Staff
RLED 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged	Staff
RLED 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged	Staff

COLLEGE OF ARTS AND SCIENCES

AMERICAN STUDIES

AMST 437				
	Readings in American Studies (03) /138/			
	0101 MTuThF 9.30	A	050	Beall
AMST 628				
	Seminar in American Studies (03) /201/			
	0101 MTh 7	A	050	Beall
AMST 639				
	Reading Course in Selected Aspects of American Civilization			
	I (03) /255/			
	0101 Arranged			Staff
AMST 799				
	Master's Thesis Research (1-6 Var Cr) /399/			
	0101 Arranged			Staff
AMST 899				
	Doctoral Thesis Research (1-6 Var Cr) /499/			
	0101 Arranged			Staff

ANTHROPOLOGY

ANTH 101

Introduction to Anthropology—Archaeology and Physical
Anthropology (03) /001/

0101 MTuThF 9.30

C 079

Anderson

0201 MTuThF 11

AA 009

Rosen

ANTH 271

Language and Culture (03) /071/

0101 MTuThF 9.30

C 090

Fidelholtz

ANTH 391A

Research Problems—Primate Anatomy (03) /191/

0101 Arranged

Rosen

ANTH 401

Cultural Anthropology—Principles and Processes (03) /101/

0101 MTuThF 9.30

C 098

Hoffman

ANTH 436

Primitive Technology and Economy (03) /136/

0101 MTuThF 12.30

T 010

Anderson

ANTH 471

Introduction to Linguistics (03) /171/

0101 MTuThF 12.30

T 103

Fidelholtz

ANTH 494

Field Methods in Archaeology (06) /194/

(June 23 to August 30—Daily 8-5)

0101 Arranged

Thurman

ANTH 687

Current Developments in Anthropology—Ethnohistory of
North America (03) /287B/

0101 MTuThF 11

TH 111

Hoffman

ANTH 691

Special Problems in Anthropology—Primate Anatomy (03) /291/

0101 Arranged

Rosen

ANTH 694

Advanced Field Training in Archaeology (06) /294/

(June 23 to August 30—Daily 8-5)

0101 Arranged

Thurman

ART EDUCATION

ARTE 100

Fundamentals of Art Education (03) /040/

0101 MTuThF 8.00

NN 330

Lembach

0201 MTuThF 9.30

NN 330

Lembach

0301 MTuThF 8.00

NN 328

McWhinnie

0401 MTuThF 9.30

NN 328

Longley

0501 MTuThF 11

NN 328

McWhinnie

ART HISTORY**ARTH 260**

History of Art (03) /060/
0101 MTuThF 9.30 NN 214 Denny

ARTH 261

History of Art (03) /061/
0101 MTuThF 11 NN 214 Jordan

ARTH 413

Medieval Art (03) /167/
0101 MTuThF 11 NN 320 Denny

ARTH 476

History of American Art (03) /158/
0101 MTuThF 9.30 NN 320 Jordan

ARTH 498

Directed Studies in Art History (2-3 Var Cr) /194, 195/
0101 Arranged Staff

ARTH 698

Directed Graduate Studies in Art History (03) /294/
0101 Arranged Staff

ARTH 798

Directed Graduate Study in Art History (03) /295/
0101 Arranged Staff

ARTH 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged Staff

ARTH 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged Staff

ART**ARTS 100**

Design I (03) /012/
0101 MTuWThF 8-10 HH 012 Kahn
0201 MTuWThF 10-12 HH 012 Green

ARTS 110

Drawing I (03) /016/
0101 MTuWThF 10-12 NN 232 Green
0201 MTuWThF 1-3 NN 332 Gelman
0301 MTuWThF 8-10 NN 230 Kahn

ARTS 200

Design II (03)
0101 MTuWThF 10-12 HH 022 Kahn

ARTS 210

Drawing II (03) /026/
0101 MTuWThF 10-12 NN 232 Isen

ARTS 220

Painting I (03) /017/
0101 MTuWThF 10-12 NN 232 Klank
0201 MTuWThF 1-3 NN 232 Dillinger
0301 MTuWThF 10-12 NN 230 Gelman

ARTS 224

Painting II (03) /117/

0101	MTuWThF 10-12	NN	224	
0201	MTuWThF 10-12	NN	332	

Dillinger
Niese

ARTS 230A

Sculpture I (03)

0101	MTuWThF 10-12	NN	139	
0201	MTuThF 1-3	NN	139	

Reid
Reid

ARTS 230B

Sculpture I—Exploration in 3 Dimensional Composition (03)

0101	MTuWThF 1-3	NN	137	
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Freeny

ARTS 240

Printmaking I (03) /119/

0101	MTuWThF 10-12	FF	025	
0201	MTuWThF 1-3	FF	025	

Forbes
Isen

ARTS 310

Drawing III (03) /126/

0101	MTuWThF 10-12	NN	224	
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Jamieson

ARTS 320

Painting III (03) /127/

0101	MTuWThF 10-12	NN	332	
0201	MTuWThF 1-3	NN	224	

Niese
Jamieson

ARTS 330

Sculpture II (03) /128B/

0101	MTuWThF 10-12	NN	137	
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Freeny

ARTS 331

Sculpture III (03) /138/

0101	MTuWThF 10-12	NN	137	
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Freeny

ARTS 340

Printmaking II (03) /129/

0101	MTuWThF 1-3	FF	022	
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Forbes

ARTS 440

Printmaking III (03) /139/

0101	MTuWThF 1-3	FF	022	
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Forbes

ARTS 498

Directed Studies in Studio Art (2-3 Var Cr) /192, 193/

0101	Arranged			
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Staff

ARTS 698

Directed Graduate Studies in Studio Art (03) /292/

0101	Arranged			
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Staff

ARTS 798

Directed Graduate Studies in Studio Art (03) /293, 295/

0101	Arranged			
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Staff

ASTRONOMY

ASTR 100

Introduction to Astronomy (03) /001/

(Meets June 24 to July 31)

0101	MTuW 7.30-9/Th 7.30-9.30 P.M.	Z	171	Z	171	
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Staff

ASTR 399

Honors Seminar (Cr Arr) /190/

Enrollment is limited to students admitted to the honors program in Astronomy. Credit according to work assigned.

0101 Arranged

Staff

ASTR 411

Observational Astronomy (03) /110/

0101 Arranged

A'Hearn, Erickson

ASTR 498

Special Problems in Astronomy (Cr Arr) /150/

Prerequisite—Major in Phys or Astr and/or consent of advisor.

Research or special study. Credit according to work accomplished.

0101 Arranged

Staff

ASTR 498A

Special Problems in Astronomy—NSF Institute (06) /150A/

0101 Arranged

Gardner

ASTR 699

Special Problems in Advanced Astronomy (1-6 Var Cr) /250/
(Credit according to work assigned)

0101 Arranged

Staff

ASTR 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

ASTR 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

BIOLOGY

BIOL 101

Organization and Interrelationships in the Biological World
(03) /001/

0101 MTuThF 11-12.20

E 001

Motta

CHEMISTRY

CHEM 102

Chemistry of Man's Environment (04) /007/

0101 MTuThF 9.30-10.50/MTh 1-4

C 130 C 179

Staff

0102 MTuThF 9.30-10.50/MTh 1-4

C 130 C 180

Staff

0103 MTuThF 9.30-10.50/TuF 1-4

C 130 C 179

Staff

CHEM 103

College Chemistry I (04) /008/

0101 MTuThF 11-12.20/TuF 1/MTh 1-4

C 132 C 186 C 079

Staff

0102 MTuThF 11-12.20/TuF 1/MTh 1-4

C 132 C 189 C 215

Staff

0103 MTuThF 11-12.20/TuF 1/MTh 1-4

C 132 C 192 C 076

Staff

CHEM 104

College Chemistry II (04) /009/

0101 MTuThF 11-12.20/TuF 1/MTh 1-4

C 130 C 117 C 080

Staff

0102 MTuThF 11-12.20/TuF 1/MTh 1-4

C 130 C 118 C 081

Staff

0103 MTuThF 11-12.20/TuF 1/MTh 1-4

C 130 C 119 C 093

Staff

CHEM 219

Elements of Quantitative Analysis (04) /019/

Prerequisite—Chem 003. Four lectures and four three-hour laboratory periods per week.

0101 MTuThF 12.30/MTuTh 8 C 132 C 306 Stuntz

CHEM 237

Elementary Organic Chemistry (02) /037/

Prerequisite—Chem 104, 106, and/or the old 035. Four lectures per week.

0101 MTuThF 12:30 Z 140 Staff

CHEM 238

Elementary Organic Laboratory (02) /038/

Prerequisite—Chem 104, 106, old 036, or old 040. Four three-four laboratory periods per week.

0101 MTuThF 8-11 C 186 Staff

CHEM 461

Biochemistry I (03) /161/

0101 MTuThF 9.30-10.50 C 134 Staff

CHEM 475

Oceanography (03)

0101 MTuThF 11-12.20 C 134 Sommer

CHEM 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged Staff

CHEM 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged Staff

CHINESE

CHIN 101

Elementary Chinese (03) /001/

June 23-July 16. Register for Chin101 and/or Chin 102 on June 21 or 23 as separate courses. This course meets three times daily—first lecture 8-9—drill 9.30-10.20—second lecture 11-12. A student enrolled in Chin 102 and/or 101 may not take any other course in the Summer Session.

0101 MTuWThF 8-12 G 307 Loh

CHIN 102

Elementary Chinese (03) /002/

July 19-August 13. Register for Chin 102 and/or 101 on June 21 or 22 as separate courses. This course meets three times daily—first lecture 8-9—drill 9.30-10.20—second lecture 11-12. A student enrolled in Chin 102 and/or 101 may not take any other course in the Summer Session.

0101 MTuWThF 8-12 G 307 Loh

COMPARATIVE LITERATURE

CMLT 401

Introductory Survey of Comparative Literature (03) /101/
(Prerequisite—Engl 202 or equivalent)

0101 MTuThF 12.30 Greenwood

CMLT 479			
Major Contemporary Authors (03) /145/ (Prerequisite—Engl 202 or equivalent)			
0101 MTuThF 11	A 050		Salamanca
CMLT 799			
Master's Thesis Research (1-6 Var Cr) /399/			
0101 Arranged			Staff
CMLT 899			
Doctoral Thesis Research (1-6 Var Cr) /499/			
0101 Arranged			Staff
COMPUTER SCIENCE			
CMSC 103			
Introductory Algorithmic Methods (03) /012/ (Prerequisite—Math 111 or equivalent)			
0101 MWF 11/TuTh 8	MM 204 MM 216		Staff
(8 weeks)			
CMSC 110			
Elementary Algorithmic Analysis (03) /020/ (Prerequisite—Math 141 or equivalent or concurrent registration)			
0201 MWF 8/TuTh 8	MM 204 MM 216		Staff
(8 weeks)			
CMSC 210			
Language and Structure of Computers (03) /100/ (Prerequisite—CMSC 110 or equivalent)			
0101 MWF 9.30/TuTh 9.30	MM 204 MM 216		Staff
(8 weeks)			
CMSC 340			
Introduction to Discrete Structures (03) /102/ (Prerequisite—CMSC 110 or equivalent. Cross listed with ENEE 450)			
0101 MTuThF 11	MM 236		Staff
CMSC 410			
Computer Organization (03) /160/ (Prerequisite—CMSC 210 or equivalent)			
0101 MTuThF 12.30	MM 241		Staff
CMSC 420			
Data and Storage Structures (03) /150/			
0101 MTuThF 11	MM 207		Staff
CMSC 440			
Structure of Programming Languages (03) /140/			
0101 MTuThF 9.30	MM 241		Staff
CMSC 498A			
Special Problems in Computer Science (1-3 Var Cr) /190A/			
0101 Arranged			Staff
CMSC 799			
Master's Thesis Research (1-6 Var Cr) /399/			
0101 Arranged			Staff
CMSC 818			
Advanced Topics in Computer Science (03) /290A/			
0101 Arranged			Staff

CMSC 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

DANCE

DANC 200

Introduction to Dance (03) /032/

0101 MTuWThF 11

EE 008

Staff

DANC 100

Dance Techniques (02) /052/

0101 MTuWThF 9.30

EE 015

Staff

DRAMATIC ART

DART 110

Introduction to the Theater (03) /016/

0101 MTuThF 9.30

NN 055

Pugliese

DART 120

Acting (03) /008/

0101 MTuThF 8.00

NN 055

Zelenka

DART 170

Stagecraft (03) /014/

0101 MTuThF 9.30

NN 057

Mosbo

DART 311

Play Production (03) /113/

(Prerequisite—Dart 110 or Consent of Instructor)

0101 MTuThF 8.00

FF 024

Vaughan

DART 479

Theater Workshop (03) /139/

(Prerequisite—Dart 120 or 170)

0101 Arranged

McClure

DART 698

Seminar Studies in Theatre (03) /270/

0101 MTuThF 8.00

NN 122

Meersman

ENGLISH

ENGL 101

Composition (03) /001/

0101 MTuThF 8.00

RR 017

Staff

0201 MTuThF 8.00

RR 015

Staff

0301 MTuThF 9.30

Y 001

Staff

0501 MTuThF 11:00

T 203

Staff

0601 MTuThF 12.30

Q 133

Staff

ENGL 201

World Literature (03) /003/

0101 MTuThF 8.00

A 049

Staff

0201 MTuThF 9.30

A 049

Staff

0301 MTuThF 9.30

Y 002

Staff

0401 MTuThF 11.00

A 049

Staff

0501 MTuThF 12.30

RR 115

Staff

ENGL 202

World Literature (03) /004/

0101	MTuThF 8.00	A	048	Staff
0201	MTuThF 9.30	Y	004	Staff
0301	MTuThF 11.00	A	048	Staff
0401	MTuThF 11.00	A	159	Staff
0501	MTuThF 12.30	RR	021	Staff

ENGL 221

American Literature—Beginning to 1865 (03) /057/

0101	MTuThF 12.30	A	049	Martin
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ENGL 222

American Literature—1865 to Present (03) /058/

0101	MTuThF 8.00	RR	022	Weigant
0201	MTuThF 9.30	A	161	Hiatt
0301	MTuThF 11.00	A	258	Potash

ENGL 402

Chaucer (03) /104/

0101	MTuThF 9.30	RR	003	Rutherford
0201	MTuThF 9.30	A	048	Steinberg

ENGL 405

Major Works of Shakespeare (03) /117/

0101	MTuThF 11.00	A	043	Smith
0201	MTuThF 12.30	RR	020	Barry

ENGL 414

Milton (03) /121/

0101	MTuThF 8.00	RR	003	Wilson
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ENGL 416

Literature of the Eighteenth Century (03) /125/

0101	MTuThF 11.00	RR	007	Tyson
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ENGL 419

Major British Writers (03) /142/

0101	MTuThF 9.30	A	258	Staff
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ENGL 424

Late Victorian and Edwardian Literature (03) /136/

0101	MTuThF 9.30	A	174	Cate
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ENGL 430

American Literature, Beginning to 1810, the Colonial and Federal Periods (03) /180/

0101	MTuThF 11.00	RR	22	Vitzthum
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ENGL 431

American Literature, 1810 to 1865, the American Renaissance (03) /181/

0101	MTuThF 9.30	A	159	Gravely
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ENGL 433

American Literature, 1914 to the Present, the Modern Period (03) /183/

0101	MTuThF 12.30	A	159	Dunn
0201	MTuThF 11.00	A	161	Moore

ENGL 434	American Drama (03) /146/ 0101 MTuThF 12.30	RR 007	Bryer
ENGL 435	American Poetry—Beginning to the Present (03) /147/ MTuThF 9.30	RR 5	Vanegmond
ENGL 454	Modern Drama (03) /144/ 0101 MTuThF 9.30	RR 7	Kimble
ENGL 455	The English Novel (03) /139/ 0101 MTuThF 11.00	T 102	Ward
ENGL 457	The Modern Novel (03) /145/ 0101 MTuThF 12.30	RR 005	Kleine
ENGL 460	Introduction to Folklore (03) /157/ 0101 MTuThF 11.00	RR 005	Fry
ENGL 481	Introduction to English Grammar (03) /008/ 0101 MTuThF 8.00	RR 021	James
ENGL 482	History of English Language (03) /101/ 0101 MTuThF 11.00	RR 003	Herman
ENGL 498	Creative Writing (03) /170/ 0101 MTuThF 9.30	RR 020	Jellema
ENGL 601	Bibliography and Methods (03) /201/ 0101 MW 4-6 0201 MW 7-9	RR 015 RR 017	Cooper Spurgeon
ENGL 623	Special Studies in English Literature—18th Century Literature (03) /263/ 0101 TuF 1-3	RR 022	Alkon
ENGL 627	Special Studies in American Literature—American Literature Since 1865 (03) /267/ 0101 TuTh 7-9	RR 017	Lawson
ENGL 719	Seminar in Renaissance Literature (03) /206/ 0101 MTh 4-6 0201 MTh 7-9	A 240 RR 007	Zeeveld Houppert

ENGL 728	Seminar in Seventeenth Century Literature (03) /211/			
	0101	TuF 1.30-3.30	A 028	Mish
ENGL 729	Seminar in Eighteenth Century Literature (03) /212/			
	0101	TuF 1.30-3.30	A 2.40	Myers
ENGL 738	Seminar in Nineteenth Century Literature (03) /214/			
	0101	MTh 7-9	A 028	Kinnaird
ENGL 748	Seminar in American Literature (03) /226/			
	0101	MTh 4-6	A 028	Hovey
	0201	MTh 7-9	A 240	Lutwack
ENGL 749	Studies in Twentieth Century Literature (03) /241/			
	0101	TuF 1.30-3.30	A 028	Bode
	0201	MTh 1-3	RR 019	Russell
ENGL 799	Master's Thesis Research (1-6 Var Cr) /399/			
	0101	Arranged		Staff
ENGL 899	Doctoral Thesis Research (1-6 Var Cr) /499/			
	0101	Arranged		Staff

FRENCH

FREN 001	Elementary French for Graduate Students (Audit) /000/ (This course is billed for three credit hours)			
	0101	MTuThF 8-9.20	LL 012	Staff
FREN 101	Elementary French (03) /001/ June 23-July 16. Register for Fren 101 and/or 102 on June 21-22 as separate courses. This course meets four hours MTuThF. Lectures 9, 10 and 12 plus one drill at 8 or 11. A student enrolled in French 101 and/or 102 may not take any other course in the Summer Session.			
	0101	MTuThF 8-1	LL 001	Staff
	0201	MTuThF 8-1	LL 013	Staff
FREN 102	Elementary French (03) /002/ July 19-August 13. Register for Fren 102 and/or 101 on June 21-22 as separate courses. This course meets four hours MTuThF. Lectures 9, 10 and 12 plus one drill at 8 or 11. A student enrolled in French 101 and/or 102 may not take any other course in the Summer Session.			
	0101	MTuThF 8-1	LL 001	Staff
	0201	MTuThF 8-1	LL 013	Staff

FREN 111

Intermediate French (03) /006/

June 23-July 16. Register for Fren 111 and/or 112 on June 21-22 as separate courses. A student enrolled in Fren 111 and/or 112 may not take any other course in the Summer Session.

0101 MTuThF 8-10/MTuThF 11 LL 220 LL 220 Staff

FREN 112

Intermediate French (03) /007/

July 19- August 13. Register for Fren 112 and/or 111 on June 21-22 as separate courses. A student enrolled in Fren 112 and/or 111 may not take any other course in the Summer Session.

0101 MTuThF 8-10/MTuThF 11 LL 220 LL 220 Staff

FREN 312

Advanced Conversation (03) /081/

0101 MTuThF 9.30 LL 012 Staff

FREN 401

Advanced Composition (03) /103/

0101 MTuWTh 7-8.20 P.M. RR 005 Staff

FREN 405

Explication De Textes (03) /104/

0101 MTuThF 8.30-9.50 P.M. LL 101 Staff

FREN 461

Studies in 20th Century Literature—The Early Years (03) /143/

0101 MTuThF 11-12.20 LL 101 Demaitre

FREN 665

The Contemporary French Theater—The Theater of
The Absurd (03) /243/

0101 TuF 1-3 LL 101 Demaitre

GERMAN

GERM 001

Elementary German for Graduate Students (Audit) /000/
(This course is billed for three credit hours)

0101 MTuWThF8.00 Y 833 Schmelssner

GERM 101

Elementary German (03) /001/

June 24-July 17. Register for Germ 101 and/or 102 on June 21-22 as separate courses. This course meets three times daily. A student enrolled in Germ 101 and/or 102 may not take any other course in the Summer Session. Lectures 9 and 10. Drill at 8.

0101 MTuWThF 8-11 Y 002 Logan

GERM 102

Elementary German (03) /002/

July 20-Aug. 14. Register for Germ 102 and/or Germ 101 on June 21 or 22 as separate courses. This course meets three times daily. A student enrolled in Germ 101 and/or 102 may not take any other course in the Summer Session.

0101 MTuWThF 8-11 Y 002 Thielke

GERM 201

Intermediate Literary German (03) /006/

(Germ 201 may be taken concurrently with Germ 202)

0101 MTuWThF 9.30 RR 011

Fleck

GERM 202

Intermediate Literary German (03) /007/

(Germ 202 may not be taken concurrently with Germ 201)

0101 MTuWThF 8 F 117

Fleck

GERM 403

Advanced Composition (03) /103/

0101 MTuWThF 8 F 111

Best

GERM 432

German Literature of the Nineteenth Century (03) /132/

0101 MTuWThF 10-11.20 Y 005

Best

GERM 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

GERM 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

HISTORY**HIST 221**

History of the United States to 1865 (03) /021/

0101 MTuThF 8 RR 024

Bradbury

0201 MTuThF 9.30 RR 113

Hoffman

0301 MTuThF 11 AR 014

Nicklason

0401 MW 7-9.50 RR 115

Campbell

HIST 222

History of the United States Since 1865 (03) /022/

0101 MTuThF 8 RR 023

Thompson

0201 MTuThF 9.30 AR 011

Flack

0301 MTuThF 11 F 114

Ridgeway

0401 TuTh 7-9.50 PM RR 115

Campbell

HIST 223

Social and Cultural History of Early American (03) /023/

0101 MTuThF 9.30 RR 023

Ridgeway

HIST 224

Social and Cultural History of Modern America (03) /024/

0101 MTuThF 11 RR 023

Flack

HIST 225

The United States in World Affairs (03) /029/

0101 MTuThF 11 RR 024

Hoffman

HIST 231

Latin American History (03) /031/

0101 MTuThF 8.00 RR 020

Warren

HIST 241	Western Civilization (03) /041/				
	0101 MTuThF 9.30	RR	024		Staff
	0201 MTuThF 11	RR	113		Staff
HIST 242	Western Civilization (03) /042/				
	0101 MTuThF 9.30	F	114		Harris
	0201 MTuThF 11	AR	011		Harris
HIST 253	History of England and Great Britain (03) /053/				
	0101 MTuThF 9.30	RR	115		Robertson
HIST 254	History of England and Great Britain (03) /054/				
	0101 MTuThF 9.30	G	1098		Staff
HIST 272	Islamic Civilization (03) /072/				
	0101 MTuThF 9.30	H	309		Stowasser
HIST 399	Proseminar in Historical Writing (03) /199/				
	0101 Arranged				Belz
	0102 Arranged				Staff
HIUS 403	The Formative Period in America, 1789-1824 (03) /103/				
	0101 MTuThF 9.30	AR	023		Bradbury
HIUS 413	The Progressive Period—The United States, 1896-1919 (03) /118/				
	0101 MTuThF 9.30	AR	014		Thompson
AASP 410	The Negro in American Life (03) /117/				
	0101 MTuThF 11	RR	115		Staff
HIUS 427	Constitutional History of the United States (03) /135/				
	0101 MTuThF 11	RR	020		Belz
HIFN 406	The History of Mexico and the Caribbean to 1810 (03) /111/				
	0101 MTuThF 9.30	RR	022		Warren
HIFN 422	History of the British Empire (03) /164/				
	0101 MTuThF 9.30	RR	021		Gordon
HIFN 431	Europe in the World Setting of the Twentieth Century (03) /172/				
	0101 MTuThF 11	RR	021		Harris
HIFN 452	The Middle East (03)				
	0101 MTuThF 11	AR	023		Stowasser
HIST 600	Historiography—Techniques of Historical Research and Writing (03) /200/				
	0101 Arranged				Robertson

HIUS 729

Readings in Reconstruction and the New Nation (03) /217/

0101 Arranged

Staff

HIUS 738

Readings in Recent American History (03) /223/

0101 Arranged

Staff

HIFN 748Readings in the History of Great Britain and the
British Empire—Commonwealth (03) /263/

0101 Arranged

Gordon

HIST 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

HIST 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

ITALIAN**ITAL 101**

Elementary Italian (03) /001/

June 23-July 16. Register for Ital 101 and/or Ital 102 on June 21-22 as separate courses. This course meets four hours MTuThF—Lectures 9, 10, 12, plus one drill 8 or 11. A student enrolled in Ital 101 and/or 102 may not take any other course in the Summer Session.

0101 MTuThF 8-1

LL 003

Staff

ITAL 102

Elementary Italian (03) /002/

July 19-Aug. 13. Register for Ital 102 and/or 101 on June 21-22 as separate courses. This course meets four hours MTuThF—Lectures 9, 10, 12, plus one drill 8 or 11. A student enrolled in Ital 101 and/or 102 may not take any other course in the Summer Session.

0101 MTuThF 8-1

LL 003

Staff

LATIN**LATN 402**

Tacitus (03) /102/

0101 MTuThF 9.30

T 102

Avery

MATHEMATICS**MATH 105**

Fundamentals of Mathematics (04) /003/

Prerequisite—Satisfactory performance on the SAT Mathematics Test or Math 001.

0101 MTuWThF 8

Y B33

Staff

0201 MTuWThF 8

Y B34

Staff

0301 MTuThF 9.30

Y B33

Staff

0401 MTuWThF 11

Y B33

Staff

MATH 110

Introduction to Mathematics (03) /010/

Prerequisite—2.5 years of College Preparatory Mathematics and satisfying performance on the SAT Mathematics Test, or Math 001. Open to students not majoring in Mathematics or the Physical or Engineering Sciences.

0101	MTuThF 8	Y	B37	Staff
0201	MTuThF 8	Y	B36	Staff
0301	MTuThF 9.30	Y	B41	Staff
0401	MTuThF 9.30	Y	B37	Staff
0501	MTuThF 9.30	Y	B36	Staff
0601	MTuThF 11	Y	O40	Staff
0701	MTuThF 11	Y	B37	Staff

MATH 111

Introduction to Mathematics (03) /011/

(Prerequisite—Math 110. Math 111 is a continuation of Math 110)

0101	MTuThF 8	Y	B38	Staff
0201	MTuThF 9.30	Y	B38	Staff
0301	MTuThF 9.30	Y	B43	Staff
0401	MTuThF 11	Y	B36	Staff

MATH 115

Introductory Analysis (03) /018/

Prerequisite—2.5 years of College Preparatory Mathematics and appropriate score on the SAT Mathematics Test, or Math 001. An introductory course for students not qualified to start Math 140.

0101	MTuThF 8	Y	B43	Staff
0201	MTuThF 11	Y	O36	Staff
0301	MTuThF 11	Y	O26	Staff

MATH 140

Analysis I (04) /019/

Prerequisite—3.5 years of College Preparatory Mathematics or Math 115.

0101	MTuWThF 8	Y	B42	Staff
0201	MTuWThF 8	Y	O31	Staff
0301	MTuWThF 11	Y	B41	Staff

MATH 141

Analysis II (04) /020/

(Prerequisite—Math 140 or equivalent)

0101	MTuWThF 8	Y	O36	Staff
0201	MTuWThF 9.30	Y	B34	Staff
0301	MTuWThF 9.30	Y	O43	Staff
0401	MTuWThF 11	Y	O43	Staff
0501	MTuWThF 11	Y	O35	Staff

MATH 210

Elements of Mathematics (04) /030/

Prerequisite—One year of College Preparatory Algebra, required for Majors in Elementary Education, and open only to students in this field.

0101	MTuWThF 8	Y	O34	Staff
0201	MTuWThF 8	Y	O35	Staff
0301	MTuWThF 9.30	Y	O35	Staff

MATH 211

Elements of Geometry (04) /031/

(Prerequisite—Math 210 or equivalent)

0101	MTuWThF 9.30	Y	036	Staff
0201	MTuWThF 11	Y	039	Staff
0301	MTuWThF 11	Y	034	Staff

MATH 240

Linear Algebra (04) /021L/

(Prerequisite—Math 141 or equivalent)

0101	MTuWThF 9.30	Y	022	Staff
0201	MTuWThF 9.30	Y	034	Staff
0301	MTuWThF 11	Y	B38	Staff

MATH 241

Analysis III (04) /022/

(Prerequisite—Math 240 or equivalent)

0101	MTuWThF 11	Y	B43	Staff
0201	MTuWThF 11	Y	B40	Staff
0301	MTuWThF 11	Y	022	Staff

MATH 246

Differential Equations for Scientists and Engineers (03) /066/

(Prerequisite—Math 141 or equivalent)

0101	MTuThF 9.30	Y	039	Staff
0201	MTuThF 9.30	Y	038	Staff
0301	MTuThF 11	Y	038	Staff

MATH 398

Honors Seminar (02) /190/

Prerequisite—Permission of Departmental Honors Committee)

June 28-August 6. Classes meet daily.

0101	Arranged			Staff
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MATH 400

Vectors and Matrices (03) /100/

Prerequisite—Math 141 or Math 221. Algebra of Vector Spaces and Matrices. Recommended for students interested in the applications of Mathematics. Not open to students with credit in Math 240 or Math 405.

0101	MTuThF 9.30	Y	040	Staff
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MATH 403

Introduction to Abstract Algebra (03) /103/

(Prerequisite—Math 241 or equivalent)

0101	MTuThF 9.30	Y	B40	Staff
0201	MTuThF 11	Y	042	Staff

MATH 405

Introduction to Linear Algebra (03) /104/

(Prerequisite—Math 403 or Consent of Instructor)

0101	MTuThF 11	Y	B42	Staff
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MATH 410

Advanced Calculus (03) /110/

(Prerequisite—Math 241)

0101	MTuThF 9.30	Y	B42	Staff
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MATH 411

Several Real Variables (03) /119/

(Prerequisite—Math 410)

0101	MTuThF 9.30	Y	042	Staff
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MATH 432

Introduction to Point Set Topology (03) /122/
 (Prerequisite Math 410 or 450 or equivalent)
 0101 MTuThF 9.30 Y 020

Staff

MATH 437

Euclidean Geometry (03) /128/
 Prerequisite—Math 240 or Consent of Instructor. Recommended for
 students in the College of Education.
 0101 MTuThF 8 Y 039

Staff

MATH 444

Elementary Logic and Algorithms (03) /144/
 (Prerequisite Math 240 or Consent of Instructor. This is the same
 course as CMSC 450)
 0101 MTuThF 8 Y B41

Staff

MATH 450

Fundamental Concepts of Mathematics (03) /146/
 (Prerequisite—Math 240 or Consent of Instructor)
 0101 MTuThF 8 Y 038

Staff

MATH 463

Analysis for Scientists and Engineers II (03) /163/
 Prerequisite—Math 462 or Math 241 or Consent of Instructor. Not
 open to students with credit for Math 413.
 0101 MTuThF 11 Y B34

Staff

MATH 478

Selected Topic for Teachers of Mathematics (03) /185/
 June 28-Aug. 6. Open only to participants in the NSF Institute for
 Junior High School Teachers in Mathematics.
 0101 MTuWThF 8 E 305
 0201 MTuThF 8 ARR
 0301 MTuWThF 8-3.30 MM 230

Jackson
 Good
 Henkelman

MATH 481

Introduction to Number Theory (03) /181/
 Enrollment Restricted to Elementary Teachers, kindergarten
 through grade .6. Designed primarily for those enrolled in pro-
 grams with emphasis in the teaching of Mathematics and Sci-
 ence. Not open to students seeking a major directly in the
 Physical Sciences.
 0101 MTuThF 8 Y 043
 0201 MTuThF 8 Y 040

Cole
 Staff

MATH 483

Introduction to Geometry (03) /183/
 Enrollment restricted to Elementary School Teachers, kindergarten
 through grade 6. Designed primarily for those enrolled in programs
 with emphasis in the Teaching of Mathematics and Science. Not
 open to students seeking a Major directly in the Physical Sci-
 ences.
 0101 MTuThF 9.30 Y 031

Cole

MATH 488

Seminar—National Science Foundation Summer Institute for Teachers
 of Science and Mathematics (03) /189/
 Open only to participants in the NSF Institute for Junior High
 School Teachers. Meets June 28-August 6.
 0101 MTuWThF 1 Z 441
 0201 MTuWThF 8-3.30 Z 441

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 Fey

MATH 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged							Staff
MATH 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged							Staff
METEOROLOGY								
METO 799	Master's Thesis Research (Cr Arr) /399/ 0101 Arranged							Staff
METO 899	Doctoral Thesis Research (Cr Arr) /499/ 0101 Arranged							Staff
MICROBIOLOGY								
MICB 200	General Microbiology (04) /001/ 0101 MTuThF 8/MTuThF 9-11 T 005 T 210 0102 MTuThF 8/MTuThF 9-11 T 005 T 211 0103 MTuThF 8/MTuThF 9-11 T 005 T 212							Hetrick Hetrick Hetrick
MICB 290	Applied Microbiology (04) /081/ 0101 MTuThF 9/MTuThF 10-12 T 005 T 219							Roberson
MICB 399	Microbiological Problems (03) /181/ Prerequisite—16 Credits in MICB. Six Two-Hour Laboratory Periods a Week. Registration only Upon Consent of the Instructor. 0101 Arranged							Staff
MICB 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged							Staff
MICB 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged							Staff
MUSIC								
MUSC 102	Class Piano (02) /023/ 0101 MTuWThF 11 NN 302							DeVermond
MUSC 129Z	Ensemble—University Chorus (01) /009/ 0101 W 7-10 NN 205							Traver
MUSC 130	Survey of Music Literature (03) /020/ Open to all students except music and music education majors. May be taken to satisfy the fine arts option in the General Education Program. 0101 MTuWThF 8 NN 205 0201 MTuWThF 9.30 NN 205							Payerle Mueller

MUSC 155

Fundamentals for the Classroom Teacher (03) /016/

0101 MTuWThF 8 NN 202

Fanos

0201 MTuWThF 9.30 NN 208

Fanos

MUSC 251

Advanced Theory of Music (04) /071/

(Prerequisite—Music 250)

0101 MTuWThF 9.30/MWF 11 NN 001 NN 301

Payerle

MUSC 339

Honors Reading Course (2-3 Var Cr) /125/

(June 21—July 30)

0101 Arranged

Bernstein

MUSC 441

Chamber Music (03) /168/

(Prerequisite—Music 330, 331 or Equivalent)

0101 MTuWThF 12.30 NN 210

Serwer

MUSC 448

Special Areas of Music—Music in Society (03) /190/

(Meets June 21—July 9)

0101 MTuWThF 12.30-3.20 NN 202

Staff

MUSC 491

Conducting (02) /161/

Prerequisite—MUSC 490

Meets July 12—July 30

0101 MTuThF 11-1.50 NN 116

Taylor

MUSC 638

Advanced Studies in the History of Music—Baroque

Period (03) /200/

Prerequisites—MUSC 330 and 331 or the Equivalent and
Consent of Instructor.

0101 MTuWThF 9.30 NN 210

Serwer

MUSC 696

Factors in Musical Learning (03) /210/

0101 MTuWThF 8 NN 208

Taylor

MUSC 699

Special Studies in Music (03) /211/

0101 Arranged

Heim

MUSC 830

Seminar in Music Literature (03) /301/

0101 Arranged

Heim

MUSC 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

MUSC 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

MUSC 099A

Applied Music—Piano (2-4 Var Cr) /999A/

0101 Arranged

Staff

MUSC 099B	Applied Music—Voice (2-4 Var Cr) /999B/ 0201 Arranged	Staff
MUSC 099C	Applied Music—Violin (2-4 Var Cr) /999C/ 0301 Arranged	Staff
MUSC 099D	Applied Music—Viola (2-4 Var Cr) /999D/ 0401 Arranged	Staff
MUSC 099E	Applied Music—Cello (2-4 Var Cr) /999E/ 0501 Arranged	Staff
MUSC 099F	Applied Music—Bass (2-4 Var Cr) /999F/ 0601 Arranged	Staff
MUSC 099G	Applied Music—Flute (2-4 Var Cr) /999G/ 0701 Arranged	Staff
MUSC 099I	Applied Music—Clarinet (2-4 Var Cr) /999I/ 0901 Arranged	Staff
MUSC 099J	Applied Music—Bassoon (2-4 Var Cr) /999J/ 1101 Arranged	Staff
MUSC 099K	Applied Music—Alto Sax (2-4 Var Cr) /999K/ 1001 Arranged	Etheridge
MUSC 099L	Applied Music—Horn (2-4 Var Cr) /999L/ 1201 Arranged	Staff
MUSC 099M	Applied Music—Trumpet (2-4 Var Cr) /999M/ 1301 Arranged	Staff
MUSC 099N	Applied Music—Trombone (2-4 Var Cr) /999N/ 1401 Arranged	Staff
MUSC 099O	Applied Music—Tuba (2-4 Var Cr) /999O/ 1501 Arranged	Staff
MUSC 099P	Applied Music—Euphonium (2-4 Var Cr) /999P/ 1601 Arranged	Staff
MUSC 099R	Applied Music—Organ (2-4 Var Cr) /999R/ 1801 Arranged	Staff

MUSC 108A	Applied Music—Piano (02) /012A/ 0101 Arranged	Staff
MUSC 108B	Applied Music—Voice (02) /102B/ 0201 Arranged	Staff
MUSC 108C	Applied Music—Violin (02) /012/C 0301 Arranged	Staff
MUSC 108D	Applied Music—Viola (02) /012D/ 0401 Arranged	Staff
MUSC 108E	Applied Music—Cello (02) /013D/ 0501 Arranged	Staff
MUSC 108F	Applied Music—Bass (02) /012F/ 0601 Arranged	Staff
MUSC 108G	Applied Music—Flute (02) /012G/ 0701 Arranged	Staff
MUSC 108I	Applied Music—Clarinet (02) /012I/ 0901 Arranged	Staff
MUSC 108L	Applied Music—Horn (02) /012L/ 1201 Arranged	Staff
MUSC 108M	Applied Music—Trumpet (02) /012M/ 1301 Arranged	Staff
MUSC 108N	Applied Music—Trombone (02) /012N/ 1401 Arranged	Staff
MUSC 108O	Applied Music—Tuba (02) /012O/ 1501 Arranged	Staff
MUSC 108P	Applied Music—Euphonium (02) /012P/ 1601 Arranged	Staff
MUSC 108R	Applied Music—Organ (02) /012R/ 1801 Arranged	Staff
MUSC 109A	Applied Music—Piano (02) /013A/ 0101 Arranged	Staff
MUSC 109B	Applied Music—Voice (02) /013B/ 0201 Arranged	Staff

MUSC 109C	Applied Music—Violin (02) /013C/ 0301 Arranged	Staff
MUSC 109D	Applied Music—Viola (02) /013D/ 0401 Arranged	Staff
MUSC 109E	Applied Music—Cello (02) /013E/ 0501 Arranged	Staff
MUSC 109F	Applied Music—Bass (02) /013F/ 0601 Arranged	Staff
MUSC 109G	Applied Music—Flute (02) /013G/ 0701 Arranged	Staff
MUSC 109I	Applied Music—Clarinet (02) /013I/ 0901 Arranged	Staff
MUSC 109L	Applied Music—Horn (02) /013L/ 1201 Arranged	Staff
MUSC 109M	Applied Music—Trumpet (02) /013M/ 1301 Arranged	Staff
MUSC 109N	Applied Music—Trombone (02) /013N/ 1401 Arranged	Staff
MUSC 109O	Applied Music—Tuba (02) /013O/ 1501 Arranged	Staff
MUSC 109P	Applied Music—Euphonium (02) /013P/ 1601 Arranged	Staff
MUSC 109R	Applied Music—Organ (02) /013R/ 1801 Arranged	Staff
MUSC 208A	Applied Music—Piano (2-4 Var Cr) /052A/ 0101 Arranged	Staff
MUSC 208B	Applied Music—Voice (2-4 Var Cr) /052/ 0201 Arranged	Staff
MUSC 208C	Applied Music—Violin (2-4 Var Cr) /052C/ 0301 Arranged	Staff

MUSC 208D	Applied Music—Viola (2-4 Var Cr) /052D/ 0401 Arranged	Staff
MUSC 208E	Applied Music—Cello (2-4 Var Cr) /052E/ 0501 Arranged	Staff
MUSC 208F	Applied Music—Bass (2-4 Var Cr) /052F/ 0601 Arranged	Staff
MUSC 208G	Applied Music—Flute (2-4 Var Cr) /052G/ 0701 Arranged	Staff
MUSC 208I	Applied Music—Clarinet (2-4 Var Cr) /052I/ 0901 Arranged	Staff
MUSC 208L	Applied Music—Horn (2-4 Var Cr) /052L/ 1201 Arranged	Staff
MUSC 208M	Applied Music—Trumpet (2-4 Var Cr) /052M/ 1301 Arranged	Staff
MUSC 208N	Applied Music—Trombone (2-4 Var Cr) /052N/ 1401 Arranged	Staff
MUSC 208O	Applied Music—Tuba (2-4 Var Cr) /052O/ 1501 Arranged	Staff
MUSC 208P	Applied Music—Euphonium (2-4 Var Cr) /052P/ 1601 Arranged	Staff
MUSC 208R	Applied Music—Organ (2-4 Var Cr) /052R/ 1801 Arranged	Staff
MUSC 209A	Applied Music—Piano (2-4 Var Cr) /053A 0101 Arranged	Staff
MUSC 209B	Applied Music—Voice (2-4 Var Cr) /053B/ 0201 Arranged	Staff
MUSC 209C	Applied Music—Violin (2-4 Var Cr) /053C/ 0301 Arranged	Staff
MUSC 209D	Applied Music—Viola (2-4 Var Cr) /053D/ 0401 Arranged	Staff
MUSC 209E	Applied Music—Cello (2-4 Var Cr) /053E/ 0501 Arranged	Staff

MUSC 209F	Applied Music—Bass (2-4 Var Cr) /053F/ 0601 Arranged	Staff
MUSC 209G	Applied Music—Flute (2-4 Var Cr) /053G/ 0701 Arranged	Staff
MUSC 209I	Applied Music—Clarinet (2-4 Var Cr) /053I/ 0901 Arranged	Staff
MUSC 209K	Applied Music—Alto Sax (2-4 Var Cr) /053K/ 1001 Arranged	Etheridge
MUSC 209L	Applied Music—Horn (2-4 Var Cr) /053L/ 1201 Arranged	Staff
MUSC 209M	Applied Music—Trumpet (2-4 Var Cr) /053M/ 1301 Arranged	Staff
MUSC 209N	Applied Music—Trombone (2-4 Var Cr) 1401 Arranged	Staff
MUSC 2090	Applied Music—Tuba (2-4 Var Cr) /053O/ 1501 Arranged	Staff
MUSC 209P	Applied Music—Euphonium (2-4 Var Cr) /053P/ 1601 Arranged	Staff
MUSC 209R	Applied Music—Organ (2-4 Var Cr) /053R/ 1801 Arranged	Staff
MUSC 408A	Applied Music—Piano (2-4 Var Cr) /112A/ 0101 Arranged	Staff
MUSC 408B	Applied Music—Voice (2-4 Var Cr) /112B/ 0201 Arranged	Staff
MUSC 408C	Applied Music—Violin (2-4 Var Cr) /112C/ 0301 Arranged	Staff
MUSC 408D	Applied Music—Viola (2-4 Var Cr) /112D/ 0401 Arranged	Staff
MUSC 408E	Applied Music—Cello (2-4 Var Cr) /112E/ 0501 Arranged	Staff
MUSC 408F	Applied Music—Bass (2-4 Var Cr) /112F/ 0601 Arranged	Staff

MUSC 408G	Applied Music—Flute (2-4 Var Cr) /112G/ 0701 Arranged	Staff
MUSC 408I	Applied Music—Clarinet (2-4 Var Cr) /112I/ 0901 Arranged	Staff
MUSC 408L	Applied Music—Horn (02) /112L/ 1201 Arranged	Staff
MUSC 408M	Applied Music—Trumpet (2-4 Var Cr) /112M/ 1301 Arranged	Staff
MUSC 408N	Applied Music—Trombone (2-4 Var Cr) /112N/ 1401 Arranged	Staff
MUSC 408O	Applied Music—Tuba (2-4 Var Cr) /112O/ 1501 Arranged	Staff
MUSC 408P	Applied Music—Euphonium (2-4 Var Cr) /112P/ 1601 Arranged	Staff
MUSC 408R	Applied Music—Organ (2-4 Var Cr) /112R/ 1801 Arranged	Staff
MUSC 409A	Applied Music—Piano (2-4 Var Cr) /113A/ 0101 Arranged	Staff
MUSC 409B	Applied Music—Voice (2-4 Var Cr) /113B/ 0201 Arranged	Staff
MUSC 409C	Applied Music—Violin (2-4 Var Cr) /113C/ 0301 Arranged	Staff
MUSC 409D	Applied Music—Viola (2-4 Var Cr) /113D/ 0401 Arranged	Staff
MUSC 409E	Applied Music—Cello (2-4 Var Cr) /113E/ 0501 Arranged	Staff
MUSC 409F	Applied Music—Bass (2-4 Var Cr) /113F/ 0601 Arranged	Staff
MUSC 409G	Applied Music—Flute (2-4 Var Cr) /113G/ 0701 Arranged	Staff
MUSC 409I	Applied Music—Clarinet (2-4 Var Cr) /113I/ 0901 Arranged	Staff

MUSC 409L	Applied Music—Horn (2-4 Var Cr) /113L/ 1201 Arranged	Staff
MUSC 409M	Applied Music—Trumpet (2-4 Var Cr) /113M/ 1301 Arranged	Staff
MUSC 409N	Applied Music—Trombone (2-4 Var Cr) /113N/ 1401 Arranged	Staff
MUSC 409O	Applied Music—Tuba (2-4 Var Cr) /113O/ 1501 Arranged	Staff
MUS 409P	Applied Music—Euphonium (2-4 Var Cr) /113P/ 1601 Arranged	Staff
MUSC 409R	Applied Music—Organ (2-4 Var Cr) /113R/ 1801 Arranged	Staff
MUSC 418A	Applied Music—Piano (2-4 Var Cr) /152A/ 0101 Arranged	Staff
MUSC 418B	Applied Music—Voice (2-4 Var Cr) /152B/ 0201 Arranged	Staff
MUSC 418C	Applied Music—Violin (2-4 Var Cr) /152C/ 0301 Arranged	Staff
MUSC 418D	Applied Music—Viola (2-4 Var Cr) /152D/ 0401 Arranged	Staff
MUSC 418E	Applied Music—Cello (2-4 Var Cr) /152E/ 0501 Arranged	Staff
MUSC 418F	Applied Music—Bass (2-4 Var Cr) /152F/ 0601 Arranged	Staff
MUS 418G	Applied Music—Flute (2-4 Var Cr) /152G/ 0701 Arranged	Staff
MUS 418I	Applied Music—Clarinet (2-4 Var Cr) /152I/ 0901 Arranged	Staff
MUS 418J	Applied Music—Bassoon (2-4 Var Cr) /152J/ 1101 Arranged	Staff
MUSC 418L	Applied Music—Horn (2-4 Var Cr) /152L/ 1201 Arranged	Staff

MUSC 418M	Applied Music—Trumpet (2-4 Var Cr) /152M/ 1301 Arranged	Staff
MUSC 418N	Applied Music—Trombone (2-4 Var Cr) /152N/ 1401 Arranged	Staff
MUSC 418O	Applied Music—Tuba (2-4 Var Cr) /152O/ 1501 Arranged	Staff
MUSC 418P	Applied Music—Euphonium (2-4 Var Cr) /152P/ 1601 Arranged	Staff
MUSC 418R	Applied Music—Organ (2-4 Var Cr) /152R/ 1801 Arranged	Staff
MUSC 419A	Applied Music—Piano (2-4 Var Cr) /153A/ 0101 Arranged	Staff
MUSC 419B	Applied Music—Voice (2-4 Var Cr) /153B/ 0201 Arranged	Staff
MUSC 419C	Applied Music—Violin (2-4 Var Cr) /153C/ 0301 Arranged	Staff
MUSC 419D	Applied Music—Viola (2-4 Var Cr) /153D/ 0401 Arranged	Staff
MUSC 419E	Applied Music—Cello (2-4 Var Cr) /153E/ 0501 Arranged	Staff
MUSC 419F	Applied Music—Bass (2-4 Var Cr) /153F/ 0601 Arranged	Staff
MUSC 419G	Applied Music—Flute (2-4 Var Cr) /153G/ 0701 Arranged	Staff
MUSC 419I	Applied Music—Clarinet (2-4 Var Cr) /153I/ 0901 Arranged	Staff
MUSC 419J	Applied Music—Bassoon (2-4 Var Cr) /153J/ 1101 Arranged	Staff
MUSC 419L	Applied Music—Horn (2-4 Var Cr) /153L/ 1201 Arranged	Staff
MUSC 419M	Applied Music—Trumpet (2-4 Var Cr) /153M/ 1301 Arranged	Staff

MUSC 419N	Applied Music—Trombone (2-4 Var Cr) /153N/ 1401 Arranged	Staff
MUSC 4190	Applied Music—Tuba (2-4 Var Cr) /1530/ 1501 Arranged	Staff
MUSC 419P	Applied Music—Euphonium (2-4 Var Cr) /153P/ 1601 Arranged	Staff
MUSC 419R	Applied Music—Organ (2-4 Var Cr) /153R/ 1801 Arranged	Staff
MUSC 609A	Interpretation and Repertoire—Piano (02) /212A/ 0101 Arranged	Staff
MUSC 609B	Interpretation and Repertoire—Voice (02) /212B/ 0201 Arranged	Staff
MUSC 609C	Interpretation and Repertoire—Violin (02) /212C/ 0301 Arranged	Staff
MUSC 609D	Interpretation and Repertoire—Viola (02) /212D/ 0401 Arranged	Staff
MUSC 609E	Interpretation and Repertoire—Cello (02) /212E/ 0501 Arranged	Staff
MUSC 609F	Interpretation and Repertoire—Bass (02) /212F/ 0601 Arranged	Staff
MUSC 609G	Interpretation and Repertoire—Flute (02) /212G/ 0701 Arranged	Staff
MUSC 609I	Interpretation and Repertoire—Clarinet (02) /212I/ 0901 Arranged	Staff
MUSC 609L	Interpretation and Repertoire—Horn (02) /212L/ 1201 Arranged	Staff
MUSC 609M	Interpretation and Repertoire—Trumpet (02) /212M/ 1301 Arranged	Staff
MUSC 609N	Interpretation and Repertoire—Trombone (02) /212N/ 1401 Arranged	Staff
MUSC 609O	Interpretation and Repertoire—Tuba (02) /212O/ 1501 Arranged	Staff

MUSC 609P	Interpretation and Repertoire—Euphonium (02) /212P/ 1601 Arranged	Staff
MUSC 609R	Interpretation and Repertoire—Organ (02) 212R/ 1801 Arranged	Staff
MUSC 610A	Graduate Performance—Piano (04) /213A/ 0101 Arranged	Staff
MUSC 610B	Graduate Performance—Voice (04) /213B/ 0201 Arranged	Staff
MUSC 610C	Graduate Performance—Violin (04) /213C/ 0301 Arranged	Staff
MUSC 610D	Graduate Performance—Viola (04) /213D/ 0401 Arranged	Staff
MUSC 610E	Graduate Performance—Cello (04) /213E/ 0501 Arranged	Staff
MUSC 610F	Graduate Performance—Bass (04) /213F/ 0601 Arranged	Staff
MUSC 610G	Graduate Performance—Flute (04) /213G/ 0701 Arranged	Staff
MUSC 610I	Graduate Performance—Clarinet (04) /213I/ 0901 Arranged	Staff
MUSC 610L	Graduate Performance—Horn (04) /213L/ 1201 Arranged	Staff
MUSC 610M	Graduate Performance—Trumpet (04) /213M/ 1301 Arranged	Staff
MUSC 610N	Graduate Performance—Trombone (04) /213N/ 1401 Arranged	Staff
MUSC 610O	Graduate Performance—Tuba (04) /213O/ 1501 Arranged	Staff
MUSC 610P	Graduate Performance—Euphonium (04) /213P/ 1601 Arranged	Staff
MUSC 610R	Graduate Performance—Organ (04) /213R/ 1801 Arranged	Staff

MUSC 805A	Interpretation, Performance, and Pedagogy—Piano (04) /312A/ 0101 Arranged	Staff
MUSC 805B	Interpretation, Performance, and Pedagogy—Voice (04) /312B/ 0201 Arranged	Staff
MUSC 805C	Interpretation, Performance, and Pedagogy—Violin (04) /312C/ 0301 Arranged	Staff
MUSC 805D	Interpretation, Performance, and Pedagogy—Viola (04) /312D/ 0401 Arranged	Staff
MUSC 805E	Interpretation, Performance, and Pedagogy—Cello (04) /312E/ 0501 Arranged	Staff
MUSC 805F	Interpretation, Performance, and Pedagogy—Bass (04) /312F/ 0601 Arranged	Staff
MUSC 805G	Interpretation, Performance, and Pedagogy—Flute (04) /312G/ 0701 Arranged	Staff
MUSC 805I	Interpretation, Performance, and Pedagogy—Clarinet (04) /321I/ 0901 Arranged	Staff
MUSC 805L	Interpretation, Performance, and Pedagogy—Horn (04) /312L/ 1201 Arranged	Staff
MUSC 805M	Interpretation, Performance, and Pedagogy—Trumpet (04) /312M/ 1301 Arranged	Staff
MUSC 805N	Interpretation, Performance, and Pedagogy—Trombone (04) /312N/ 1401 Arranged	Staff
MUSC 805O	Interpretation, Performance, and Pedagogy—Tuba (04) /312O/ 1501 Arranged	Staff
MUSC 805P	Interpretation, Performance, and Pedagogy—Euphonium (04) /312P/ 1601 Arranged	Staff
MUSC 805R	Interpretation, Performance, and Pedagogy—Organ (04) /312R/ 1801 Arranged	Staff
MUSC 806A	Interpretation, Performance, and Pedagogy—Piano (04) /313A/ 0101 Arranged	Staff
MUSC 806B	Interpretation, Performance, and Pedagogy—Voice (04) /313B/ 0201 Arranged	Staff

MUSC 806C	Interpretation, Performance, and Pedagogy—Violin (04) /313C/ 0301 Arranged	Staff
MUSC 806D	Interpretation, Performance, and Pedagogy—Viola (04) /313D/ 0401 Arranged	Staff
MUSC 806E	Interpretation, Performance, and Pedagogy—Cello (04) /313E/ 0501 Arranged	Staff
MUSC 806F	Interpretation, Performance, and Pedagogy—Bass (04) /313F/ 0601 Arranged	
MUSC 806G	Interpretation, Performance, and Pedagogy—Flute (04) /313G/ 0701 Arranged	Staff
MUSC 806I	Interpretation, Performance, and Pedagogy—Clarinet (04) /313I/ 0901 Arranged	Staff
MUSC 806L	Interpretation, Performance, and Pedagogy—Horn (04) /313L/ 1201 Arranged	Staff
MUSC 806M	Interpretation, Performance, and Pedagogy—Trumpet (04) /313M/ 1301 Arranged	Staff
MUSC 806N	Interpretation, Performance, and Pedagogy—Trombone (04) /313N/ 1401 Arranged	Staff
MUSC 806O	Interpretation, Performance, and Pedagogy—Tuba (04) /313O/ 1501 Arranged	Staff
MUSC 806P	Interpretation, Performance, and Pedagogy—Euphonium (04) /313P/ 1601 Arranged	Staff
MUSC 806R	Interpretation, Performance, and Pedagogy—Organ (04) /313R/ 1801 Arranged	Staff
MUSC 807A	Interpretation, Performance, and Pedagogy—Piano (04) /314A/ 0101 Arranged	Staff
MUSC 807B	Interpretation, Performance, and Pedagogy—Voice (04) /314B/ 0201 Arranged	Staff
MUSC 807C	Interpretation, Performance, and Pedagogy—Violin (04) /314C/ 0301 Arranged	Staff
MUSC 807D	Interpretation, Performance, and Pedagogy—Viola (04) /314D/ 0401 Arranged	Staff

MUSC 807E

Interpretation, Performance, and Pedagogy—Cello (04) /314E/
0501 Arranged

Staff

MUSC 807F

Interpretation, Performance, and Pedagogy—Bass (04) /314F/
0601 Arranged

Staff

MUSC 807G

Interpretation, Performance, and Pedagogy—Flute (04) /314G/
0701 Arranged

Staff

MUSC 807I

Interpretation, Performance, and Pedagogy—Clarinet (04) /314I/
0901 Arranged

Staff

MUSC 807L

Interpretation, Performance, and Pedagogy—Horn (04) /314L/
1201 Arranged

Staff

MUSC 807M

Interpretation, Performance, and Pedagogy—Trumpet (04) /314M/
1301 Arranged

Staff

MUSC 807N

Interpretation, Performance, and Pedagogy—Trombone (04) /314N/
1401 Arranged

Staff

MUSC 807O

Interpretation, Performance, and Pedagogy—Tuba (04) /314O/
1501 Arranged

Staff

MUSC 807P

Interpretation, Performance, and Pedagogy—Euphonium (04) /314P/
1601 Arranged

Staff

MUSC 807R

Interpretation, Performance, and Pedagogy—Organ (04) /314R/
1801 Arranged

Staff

PHILOSOPHY**PHIL 100**

Introduction to Philosophy (03) /001/

0101 MTuThF 9.30 T 108

Leshner

0201 MTuThF 11 T 005

Celarier

0301 MW 7 Q 027

Perkins

0401 MTuThF 12.30 T 005

Staff

PHIL 140

Ethics (03) /045/

0101 MTuThF 9.30 T 103

Staff

PHIL 170

Elementary Logic and Semantics (03) /041/

0101 MTuThF 11 T 103

Kress

0201 MTuThF 2 T 201

Odell

PHIL 320

Modern Philosophy (03) /102/

0101 MTuThF 11 T 201

Varnedoe

PHIL 498

Topical Investigations (1-3 Var Cr) /193/
0101 Arranged

Staff

PHIL 499

Topical Investigations (1-3 Var Cr) /194/
0101 Arranged

Staff

PHIL 688

Selected Problems in Philosophy (1-3 Var Cr) /292/
0101 Arranged

Staff

PHIL 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged

Staff

PHIL 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff

PHYSICS

PHYS 121

Fundamentals of Physics (04) /010/
Prerequisite—Entrance Credit in Trigonometry or Math III or
Concurrent Enrollment in Math 115. Lecture and Recitation
Sessions plus 4 hours of Lab per week.

0101 MTuWThF 11-12.40/TuTh 9-11 Z 171 Z 362

Staff

0102 MTuWThF 11-12.40/MW 2-4 Z 171 Z 362

Staff

PHYS 122

Fundamentals of Physics (04) /011/

0101 MTuWThF 1-2.40/TuTh 1-3 Z 171 Z 362

Staff

0102 MTuWThF 1-2.40/WF 12-2 Z 171 Z 362

Staff

PHYS 161

General Physics—Mechanics and Particle Dynamics (03) /030/
(Prerequisite—Math 141 or Concurrent Enrollment in Math 141)

0101 MTuThF 8/ /W8 Z 171 Z 171

Staff

PHYS 263

General Physics—Electricity and Magnetism (04) /032/

0101 MTuWThF 9.30/TuTh 1-4 Z 171 Z 340

Staff

PHYS 299

Special Problems in Physics (Cr Arr) /150/

Prerequisite—Major in Physics or Consent of Department
Chairman. Section 0101 Research or Special Study. Section 0201
Topic to be Announced.

0101 Arranged

Staff

PHYS 299A

Special Problems in Physics—NSF Institute (06) /150A/

0101 Arranged

Gardner

PHYS 299B

Special Problems in Physics—NSF Institute (03) /150B/
(Class Meets in Catonsville)

0101 Arranged

Staff

PHYS 382

Theoretical Mechanics (03) /107/

Prerequisite—Phys. 284/018/321/105/263/032; Math 241/022

0101 MTuWThF 9.30 Z 173

Staff

PHYS 399	Special Problems in Physics (02) /110/ (NSF Institute Only)						
	0101 MTuWTh 1-5	Z	322				Staff
PHYS 429	Atomic and Nuclear Laboratory (03) /140/ (Prerequisite—Phys 365 or Equivalent)						
	0101 TuTh 8-1	Z	349				Staff
PHYS 498	Independent Study Seminar (Cr Arr) /190/ Credit According to Work Accomplished. Enrollment is Limited to Students Enrolled in the Honors Program in Phys.						
	0101 Arranged						Staff
PHYS 601	Theoretical Dynamics (03) /200/						
	0101 MTuThF 11	Z	140				Staff
PHYS 604	Methods of Mathematical Physics (04) /204/ (Prerequisite—Phys 401 or Equivalent)						
	0101 MTuWThF 9.30	Z	140				Staff
PHYS 621	Graduate Laboratory (03) /209/						
	0101 TuTh 8-2	Z	349				Staff
PHYS 708	Seminar—Teaching of College Physics (01) /230/ NSF Institute Seminar One Class Per Week						
	0101 MTuWThF 9/MTh 10	Z	071	Z	071		Connors
PHYS 709	Seminar—Topic To Be Announced (01) /230/						
	0101 W 9-10	Z	156				Staff
PHYS 798	Special Problems in Advanced Physics (1-6 Var Cr) /250/ (Credit According to Work Accomplished)						
	0101 Arranged						Staff
PHYS 799	Master's Thesis Research (1-6 Var Cr) /399/						
	0101 Arranged						Staff
PHYS 809	Special Topics in Modern Physics (02) /248/ (Two 2-Hour Lectures per Week. Topic to be Announced)						
	0101 TuTh 9-11	SS	135				Staff
PHYS 899	Doctoral Thesis Research (1-6 Var Cr) /499/						
	0101 Arranged						Staff
PSYCHOLOGY							
PSYC 100	Introduction to Psychology. (03) /001/						
	0101 MTuThF 8	RR	002				Specter
	0201 MTuThF 2	RR	002				Staff

PSYC 200

Statistical Methods in Psychology (03) /090/
 (Prerequisite—Psyc 100 and Math 110 or Equivalent
 0101 MTuThF 9.30 MM 207

Carroll

PSYC 221

Social Psychology (03) /021/
 (Prerequisite—Psyc 100)
 0101 MTuThF 11

A 052

Taylor

PSYC 235

Personality and Adjustment (03) /005/
 (Prerequisite—Psyc 100)
 0101 MTuThF 9.30

C 097

Osterhouse

PSYC 236

Child Psychology (03) /025/
 (Prerequisite—Psyc 100)
 0101 MTuThF 9.30

A 052

Scholnick

PSYC 365

Survey of Industrial Psychology (03) /035/
 Prerequisite—Psyc 100. May not be taken Concurrently
 with or Following Psyc 461
 0101 MTuThF 8

A 164

Dachler

PSYC 400

Experimental Psychology—Learning and Motivation (04) /146/
 (Prerequisite—Psyc 200 or Equivalent)

0101 MTuThF 9.30/MTuThF 8 AA 009 EE 016
 0102 MTuThF 9.30/MTuThF 11 AA 009 EE 016
 0103 MTuThF 9.30/MTuThF 12.30 AA 009 EE 016
 0104 MTuThF 9.30/MTuThF 2 AA 009 EE 016

Hegge

Hegge

Hegge

Hegge

PSYC 431

Abnormal Psychology (03) /131/
 Prerequisite—Psyc 200 or Equivalent)

0101 MTuThF 8 A 161
 0201 MTuThF 11 C 081

Claiborn
Dies

PSYC 432

Personality (03) /105/
 (Prerequisite—Psyc 200 or Equivalent)

0101 MTuThF 11 C 076

Smith

PSYC 433

Advanced Topics In Child Psychology (03) /125/
 (Prerequisite—Psyc 200 or Equivalent)

0101 MTuThF 9.30 C 076

Specter

PSYC 441

Psychology of Human Learning (03) /148/
 Prerequisite—Psyc 200 or Equivalent)

0101 MTuThF 9.30 MM 226

Horton

PSYC 451

Principles of Psychological Testing (04) /150/
 (Prerequisite—Psyc 200 or Equivalent)

0101 MTuThF 8/MTh 12.30-2.30 MM 226 MM 444
 0201 MTuThF 8/TuF 12.30-2.30 MM 226 MM 444

Waldrop
Staff

PSYC 452	Psychology of Individual Differences (03) /151/ (Prerequisite—Psyc 451 and Permission of Instructor)		
	0101 MTuThF 11	MM 226	Carroll
PSYC 461	Personality and Industrial Psychology (03) /135/ (Prerequisite—Psyc 200 or Equivalent)		
	0101 MTuThF 11	C 090	Dachler
PSYC 478	Independent Study in Psychology (1-3 Var Cr) /194/ Prerequisite—Advanced Standing and Written Consent of Individual Faculty Supervisor.		
	0101 Arranged		Staff
PSYC 479S	Minor Problems in Psychology (1-3 Var Cr) /195/ Prerequisite—Advanced Standing and Written Consent of Individual Faculty Supervisor.		
	0101 ThF 3-5	Q 107	Fretz
PSYC 489	Senior Seminar (03) /191/ (Prerequisite—Senior Standing and Consent of Instructor)		
	0101 MTuW 3-5	Q 107	Fretz
PSYC 499H	Honors Thesis Research (03) /199H/ 0101 Arranged		Staff
PSYC 611	Advanced Developmental Psychology (03) /265/ (Prerequisite—Permission of Instructor)		
	0101 Arranged		Scholnick
PSYC 612	Theories of Personality (03) /267/ (Prerequisite—Permission of Instructor)		
	0101 Arranged		Smith
PSYC 648	Seminar In Social Psychology (03) /242/ (Prerequisite—Permission of Instructor)		
	0101 Arranged		Taylor
PSYC 671	Verbal Behavior (03) /208/ (Prerequisite—Permission of Instructor)		
	0101 Arranged		Horton
PSYC 688	Historical Viewpoints and Current Theories in Psychology (03) /206/ (Prerequisite—PSYC 212 and Permission of Instructor)		
	0101 Arranged		Hegge
PSYC 711	Seminar In Counseling Psychology (03) /221/ (Prerequisite—Permission of Instructor)		
	0101 Arranged		Osterhouse
PSYC 713	Seminar In Clinical Psychology (03) /222/ (Prerequisite—Permission of Instructor)		
	0101 Arranged		Dies

PSYC 788

Special Research Problems (1-4 Var Cr) /288/
 (Require Graduate Standing and Consent of Faculty Supervisor)
 (Prerequisite—Permission of Instructor)
 0101 Arranged

Staff

PSYC 799

Master's Thesis Research (1-6 Var Cr) /399/
 (Prerequisite—Permission of Instructor)
 0101 Arranged

Staff

PSYC 804

Occupational Development and Choice (03) /260/
 (Prerequisite—Permission of Instructor)
 0101 Arranged

Waldrop

PSYC 808

Practicum In Community Mental Health Consultation (03) /269/
 (Prerequisite—Permission of Instructor)
 0101 Arranged

Claiborn

PSYC 899

Doctoral Thesis Research (1-6 Var Cr) /499/
 (Prerequisite—Permission of Instructor)
 0101 Arranged

Staff

RADIO AND TELEVISION

RATV 124

Mass Communication in 20th Century Society (03) /024/
 0101 MTuThF 9.30-10.50 FF 024

Leduc

RATV 302

Radio Production (03) /102/
 0101 MTuThF 9.30 NN 122

du Monceau

RATV 340

Principles of Television Production (03) /140/
 0101 MTuThF 8 NN 040

McCleary

RUSSIAN

RUSS 101

Elementary Russian (03) /001/

June 24-July 17. Register for Russ 101 and/or 102 on June 21 or 22 as Separate Courses. This Course Meets Three Times Daily. Lectures 9 and 10.15—Drill at 8.

Students Enrolled in Russ 101 and/or 102 May Not Take Any Other Course in the Summer Session.

0101 MTuWThF 8-11.15 Y 006

Dulbe

RUSS 102

Elementary Russian (03) /002/

July 20-August 14. Register for Russ 102 and/or 101 on June 21 or 22 as Separate Courses. This Course Meets Three Times Daily. Lectures 9 and 10.15—Drill at 8.

Students Enrolled in Russ 102 and/or 101 May Not Take Any Other Course in the Summer Session.

0101 MTuWThF 8-11.15 Y 006

Lindes

RUSS 201

Intermediate Russian (03) /006/

June 24-July 17. Register for Russ 201 and/or 202 on June 21-22 as separate courses. This course meets daily 9.30-10.30 and 10.45 to 11.45. A student enrolled in Russ 201 and/or Russ 202 may not take any other course in the Summer Session.

0101 MTuWThF 9.30-11.45 Y 009

Berry

RUSS 202

Intermediate Russian (03) /007/

July 20-August 14. Register for Russ 202 and/or 201 on June 21-22 as separate courses. This course meets daily 9.30-10.30 and 10.45 to 11.45. A student enrolled in Russ 202 and/or 201 may not take any other course in the Summer Session.

0101 MTuWThF 9.30-11.45 Y 009

Hitchcock

SOCIOLOGY**SOCY 100**

Introduction to Sociology (03) /001/

(Socy 100, or its equivalent, is required for all other courses)

0101 MTuThF 9.30 A 167

Staff

0201 MTuThF 12.30 RR 024

Staff

0301 MTuThF 2.00 RR 024

Staff

SOCY 200

Principles of Sociology (03) /086/

0101 MTuThF 2.00 RR 115

Staff

SOCY 201

Introduction to Statistics for Sociology (03) /095/

0101 MTuThF 2.00 RR 016

Staff

SOCY 210

Social Problems (03) /051/

0101 MTuThF 8.00 RR 115

Staff

SOCY 220

Criminology (03) /052/

0101 MTuThF 8.00 A 167

Staff

SOCY 400

Sociological Theory (03) /186/

0101 MTuThF 9.30 A 164

Staff

SOCY 430

Sociology of Personality (03) /141/

0101 MTuThF 11 A 166

Staff

SOCY 441

Social Stratification (03) /162/

0101 MTuThF 12.30 RR 113

Staff

SOCY 443

Family and Society (03) /164/

0101 MTuThF 11 A 164

Staff

SOCY 450

Juvenile Delinquency (03) /153/

0101 MTuThF 9.30 A 166

Staff

SOCY 451	Crime and Delinquency Prevention (03) /154/ 0101 MTuThF 11	A 167	Staff
SOCY 462	Industrial Sociology (03) /115/ 0101 MTuThF 2.00	RR 113	Staff
SOCY 473	The City (03) /114/ 0101 MTuThF & J0	A 166	Staff
SOCY 699	Special Social Problems (1-3 Var Cr) /291/ 0101 Arranged		Staff
SOCY 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged		Staff
SOCY 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged		Staff

SPANISH

SPAN 101	Elementary Spanish (03) /001/ June 24-July 17. Register for Span 101 and/or 102 on June 21-22 as separate courses. This course meets four hours MTuThF. Lectures 8, 9, 11 plus regular laboratories 10 or 12. Students enrolled in Span 101 and or 102 may not take any other course in the Summer Session.	0101 MTuThF 8, 9, 11 0201 MTuThF 8, 9, 11	LL 004 LL 104	Raggio Forbes
SPAN 102	Elementary Spanish (03) /002/ July 20-August 14. Register for Span 102 and/or 101 on June 21-22 as separate courses. This course meets four hours MTuThF. Lectures 8, 9, 11 plus regular laboratories at 10 or 12. Students enrolled in Span 102 and/or 101 may not take any other course in the Summer Session.	0101 MTuThF 8, 9, 11 0201 MTuThF 8, 9, 11	LL 004 LL 104	Raggio Forbes
SPAN 111	Intermediate Spanish (03) /006/ June 24-July 17. Register for Span 111 and/or 112 on June 21-22 as separate courses. Students enrolled in Span 111 and or 112 may not take any other course in the Summer Session.	0101 MTuTh 8-10/MTuTh 11 0201 MTuTh 8-10/MTuTh 11	LL 002 LL 002 LL 105	Feustle Barroto
SPAN 112	Intermediate Spanish (03) /007/ July 20-August 14. Register for Span 112 and/or 111 on June 21-22 as separate courses. Students enrolled in Span 112 and/or 111 may not take any other course in the Summer Session.	0101 MTuTh 8-10/MTuTh 11 0201 MTuTh 8-10/MTuTh 11	LL 002 LL 002 LL 105	Feustle Barroto

SPAN 312

Advanced Conversation (03) /081/

0101	MTuWTh 12.30	LL 113	Willoughby, MacDonald
0201	MTuWTh 12.30	LL 113	Willoughby, MacDonald

SPAN 333

Latin-American Civilization (03) /173/

0101	MTuWTh 8.00	LL 116	Sosnowski
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SPAN 431

Cervantes—Novelas, Ejemplares and Drama (03) /116/

0101	MTuWTh 9.30	LL 201	Rovner
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SPAN 436

Seventeenth Century Drama—Lope de Vega (03) /119/

0101	MTuWTh 11.00-12.45	LL 201	Rovner
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SPAN 488

Spanish-American Fiction (03) /159/

0101	MTuWTh 11.00	LL 116	Sosnowski
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SPAN 728

The Twentieth Century—La Novela Contemporánea Española (03) /237/

0101	MTh 12.30-2.30	LL 201	Marra-Lopez
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SPAN 799

Master's Thesis Research (1-6 Var Cr) /399/

0101	Arranged		Staff
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SPAN 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101	Arranged		Staff
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SPEECH

SPCH 100

Public Speaking (03) /001/

(Prerequisite for Advanced Spch courses)

0101	MTuThF 8.00	NN 22A	Kennicott
0201	MTuThF 8.00	NN 22B	Wolvin
0301	MTuThF 9.30	MM B26	Lea
0401	MTuThF 9.30	NN 102	Starcher
0501	MTuThF 11.00	NN 22B	Abrams
0601	MTuThF 11.00	MM B26	Staff
0701	MTuThF 11.00	NN 122	Staff

SPCH 220

Group Discussion (03) /010/

0101	MTuThF 9.30	NN 22B	Linkow
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SPCH 240

Oral Interpretation (03) /013/

0101	MTuThF 11.00	NN 102	Staff
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SPCH 350

Fundamentals of Speech Communication (03)

0101	MTuThF 8.00	NN 102	Rebach
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SPCH 498

Seminar (03) /111/

(Prerequisites—Senior standing and Consent of Instructor)

0101	Arranged		Aylward
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SPCH 798	Independent Study (1-3 Var Cr) /290/ (Prerequisite—Consent of Instructor)			
	0101 Arranged			Staff
SPCH 799	Master's Thesis Research (1-6 Var Cr) /399/			
	0101 Arranged			Staff
SPCH 899	Doctoral Thesis Research (1-6 Var Cr) /499/			
	0101 Arranged			Staff
SPHR 202	Fundamentals of General American Speech (03) /003/			
	0101 MTuThF 9.30	NN	22A	Hard
SPHR 302	Speech-Handicapped School Children (03) /105/			
	0101 MTuThF 11.00	NN	22A	Hard
SPHR 408	Clinical Practice (1-3 Var Cr) /106/ Prerequisite—Sphr 302 and Permission of Instructor.			
	0101 TuF 12.30 Arranged	NN	22A	Boss
SPHR 602	Advanced Speech Pathology (03) /212/			
	0101 MTuThF 9.30	NN	004	Canetta
SPHR 604	Experimental Phonetics (03) /203/			
	0101 MTuThF 11.00	NN	013	Baker
SPHR 606	Clinical Audiometry (03) /214/			
	0101 MTuThF 11.00	NN	004	Doudna
SPHR 638	Minor Research Problems (1-3 Var Cr) /201K/			
	0101 Arranged			Staff
SPHR 648	Advanced Clinical Practice—Speech Therapy (1-3 Var Cr) /211A/ (Prerequisites—12 hours of Speech Pathology and Audiology)			
	0101 Arranged			Boss
SPHR 649	Advanced Clinical Practice—Audiology (1-3 Var Cr) /211B/ (Prerequisites—12 hours of Audiology and Pathology)			
	0101 Arranged			Doudna
SPHR 708	Independent Study in Speech and Hearing Science (1-6 Var Cr) /301/ (Prerequisite—30 hours of Graduate Study in Speech and Hearing Science)			
	0101 Arranged			Staff

STATISTICS AND PROBABILITY**STAT 400**

Applied Probability and Statistics I (03) /100/

(Prerequisite—Math 221 or concurrent enrollment in Math 240)

0101	MTuThF 8.00	Y	B40				Staff
0201	MTuThF 8.00	Y	042				Staff
0301	MTuThF 11.00	Y	031				Staff

ZOOLOGY**ZOOL 101**

General Zoology (04) /001/

Zool 101 and 102 satisfy the Freshman Premedical requirement in General Biology

0101	MTuThF 8/TuTh 9.30-11.30	T	021	CC	101		Linder, Staff
0102	MTuThF 8/TuTh 9.30-11.30	T	021	CC	107		Linder, Staff
0103	MTuThF 8/TuTh 1-3	T	021	CC	101		Linder, Staff
0104	MTuThF 8/TuTh 1-3	T	021	CC	107		Linder, Staff

ZOOL 102

The Animal Phyla (04) /002/

(Prerequisite—Zool 101 or Botn 100)

0101	MTuThF 10-11/MTuThF 8-10	T	005	CC	110		Haley, Staff
0102	MTuThF 10-11/MTuThF 12-2	T	005	CC	115		Haley, Staff

ZOOL 207S

Development of The Human Body (02) /055S/

0101	MWF 8.00	Q	007				Kaufman
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ZOOL 290

Comparative Vertebrate Morphology (04) /005/

(Prerequisite—Zool 101 and 102 or equivalent)

0101	MTuThF 11/MTuThF 8-11	A	174	R	202		Ramm
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ZOOL 309H

Honors Independent Study (1-4 Var Cr) /152H/

(Prerequisite—Participation in Honors Program)

0101	Arranged						Staff
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ZOOL 318H

Honors Research (1-2 Var Cr) /163H/

(Prerequisite—Participation in Honors Program)

0101	Arranged						Staff
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ZOOL 319

Special Problems in Zoology (1-2 Var Cr) /150/

Prerequisites—Major in Zoology of Biological Sciences, a minimum of 3.0 cumulative average in the Biological Sciences and Consent of Instructor.

0101	Arranged						Staff
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ZOOL 456

Zoogeography (03) /128/

(Prerequisite—Zool 101, 102, and 290 or equivalent)

0101	MTuThF 12.30	Q	122				Potter
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ZOOL 495

Animal Histology (04) /108/

(Prerequisite—A course in General Zoology and a course in Vertebrate Anatomy, or permission of the Instructor)

0101 MTuThF 8/MTuThF 9-12 RR 016 R 113

Brown

ZOOL 609

Special Problems in Zoology (Cr Arr) /208/

0101 Arranged

Staff

ZOOL 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

ZOOL 899

Doctoral Thesis Research (1-6) /499/

0101 Arranged

Staff



COLLEGE OF BUSINESS AND PUBLIC ADMINISTRATION

BUSINESS ADMINISTRATION

BSAD 000

Managerial Mathematics Workshop (00)

(This course is billed for 3 credit hours)

0101	MTuThF 1.00	Q	027		Staff
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BSAD 110

Business Enterprise (03) /010/

0101	MTuThF 9.30	Q	133		Staff
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0201	MTuThF 11.00	Q	133		Staff
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BSAD 220

Principles of Accounting (03) /020/

(Prerequisite—Sophomore standing)

0101	MTuThF 8.00	Q	027		Staff
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0201	MW 7.00-9.30 P.M.	Q	123		Staff
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0301	MTuThF 8.00	G	205		Staff
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BSAD 221

Principles of Accounting (03) /021/

(Prerequisite—Sophomore standing)

0101	MTuThF 8.00	Q	104		Staff
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0201	MTuThF 9.30	Q	122		Staff
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BSAD 230

Business Statistics I (03) /130/

(Prerequisite—Junior standing)

0101	MTuThF 8.00	Q	103	Staff
0201	MTuThF 9.30	Q	103	Staff
0301	MTuThF 11.00	Q	103	Staff
0401	MTuThF 8.00	Q	131	Staff
0501	MTuThF 9.30	Q	131	Staff
0601	MTuThF 11.00	Q	131	Staff

BSAD 310

Intermediate Accounting (03) /110/

(Prerequisite—BSAD 221)

0101	MTuThF 8.00	Q	133	Staff
0201	MTuThF 7.00 P.M.	Q	104	Staff

BSAD 311

Intermediate Accounting (03) /111/

(Prerequisite—BSAD 221)

0101	MTuThF 9.30	Q	027	Staff
0201	MTuThF 8.30 P.M.	Q	104	Staff

BSAD 320

Accounting Systems (03) /120/

(Prerequisite—BSAD 221)

0101	MTuThF 11.00	Q	130	Staff
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BSAD 321

Cost Accounting (03) /121/

(Prerequisite—BSAD 221)

0101	MTuThF 11.00	Q	123	Staff
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BSAD 323

Income Tax Accounting (03) /123/

(Prerequisite—BSAD 221)

0101	MTuThF 9.30	Q	368	Staff
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BSAD 332

Operations Research I (03) /136/

(Prerequisite—BSAD 230 or Consent of Instructor)

0101	MTuThF 9.30	Q	104	Staff
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BSAD 340

Business Finance (03) /140/

0101	MTuThF 8.00	Q	122	Staff
0201	MTuThF 9.30	Q	129	Staff

BSAD 350

Marketing Principles and Organization (03) /149/

0101	MTuThF 9.30	Q	123	Staff
0201	MTuThF 11.00	G	205	Staff

BSAD 351

Marketing Management (03) /150/

0101	MTuThF 9.30	Q	369	Staff
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BSAD 352

Advertising (03) /151/

(Prerequisite—BSAD 350 or Consent of Instructor)

0101	MTuThF 12.30	Q	123	Staff
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BSAD 360				
Personnel Management (03) /160/				
0101	MTuThF 12.30	Q	104	Staff
0102	MTuThF 11.00	Q	104	Staff
BSAD 362				
Labor Relations (03) /163/				
0101	MTuThF 9.30	Q	130	Staff
BSAD 364				
Management and Organization Theory (03) /168/				
0101	MTuThF 11.00	Q	028	Staff
0201	MTuThF 9.30	Q	130	Staff
0301	MW 7.00-9.40 P.M.	Q	129	Staff
BSAD 370				
Principles of Transportation (03) /170/				
0101	MTuThF 8.00	Q	129	Staff
BSAD 380				
Business Law (03) /180/				
0101	MTuThF 8.00	Q	368	Staff
0201	MTuThF 9.30	G	309	Staff
BSAD 381				
Business Law (03) /181/				
0101	MTuThF 11.00	Q	129	Staff
BSAD 422				
Auditing Theory and Practice (03) /122/				
(Prerequisite—BSAD 311)				
0101	MTuThF 8.00	Q	123	Staff
BSAD 424				
Advanced Accounting (03) /124/				
(Prerequisite—BSAD 311)				
0101	MTuThF 11.00	Q	122	Staff
BSAD 460				
Personnel Management (03) /161/				
(Prerequisite—BSAD 360)				
0101	MTuThF 8.00	Q	130	Staff
BSAD 482				
Business and Government (03) /189/				
0101	MTuThF 11.00	Q	027	Staff
0201	MTuThF 8.00	G	109A	Staff
BSAD 495				
Business Policies (03) /199/				
(Prerequisite—Senior standing)				
0101	MTuThF 8.00	Q	028	Staff
0201	MTuThF 9.30	G	109A	Staff
0301	MTuThF 8.00	G	109B	Staff
0401	MTuThF 9.30	Q	028	Staff
0501	MTuThF 11.00	G	109A	Staff
BSAD 735				
Managerial Analysis I (03) /234/				
0101	TuW 12.30-3.00	Q	129	Staff

BSAD 737	Management Simulation (03) /237/ (Prerequisite—BSAD 734 or Consent of Instructor)			
	0101 MW 12.30-3.00	Q	028	Staff
BSAD 740	Financial Administration (03) /240/			
	0101 MF 3.00-5.30	Q	19A	Staff
BSAD 751	Marketing Communications Management (03) /251/			
	0101 MW 6.45-9.15	Q	368	Staff
BSAD 764	Behavioral Factors in Management (03) /264/			
	0101 TuW 3.00-5.30	RR	005	Staff
BSAD 774	Private Enterprise and Public Policy (03) /281/			
	0101 TuW 3.00-5.30	Q	129	Staff
BSAD 775	Product, Production and Pricing Policy (03) /282/			
	0101 MW 12.30-3.00	Q	132	Staff
BSAD 828	Independent Study in Business Administration (03) /298/			
	0101 Arranged			Staff
BSAD 799	Master's Thesis Research (1-6 Var Cr) /399/			
	0101 Arranged			Staff
BSAD 899	Doctoral Thesis Research (1-6 Var Cr) /499/			
	0101 Arranged			Staff

ECONOMICS

ECON 110	Economic Developments (03) /004/			
	0101 MTuThF 9.30	T	118	Staff
	0201 MTuThF 11.00	T	108	Staff
ECON 201	Principles of Economics (03) /031/ (Prerequisite—Sophomore standing)			
	0101 MTuThF 8.00	Q	107	Staff
	0201 MTuThF 9.30	A	320	Staff
ECON 203	Principles of Economics (03) /032/ (Prerequisite—Econ 201)			
	0101 MTuThF 9.30	T	010	Staff
	0201 MTuThF 9.30	A	321	Staff
	0301 MTuThF 11.00	T	118	Staff

ECON 205

Fundamentals of Economics (03) /037/

Prerequisite—Sophomore standing. Not open to students who have credit in Econ 201 and 203. Not open to BPA students.

0101	MTuThF 8.00	Q	132	Staff
0201	MTuThF 9.30	Q	107	Staff
0301	MTuThF 11.00	Q	132	Staff

ECON 401

National Income Analysis (03) /102/

(Prerequisite—Econ 203. Required for Economics Majors)

0101	MTuThF 9.30	AR	002	Staff
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ECON 403

Intermediate Price Theory (03) /132/

(Prerequisite—Econ 203. Required for Economics Majors)

0101	MTuThF 9.30	G	205	Staff
0201	MTuThF 11.00	G	309	Staff

ECON 415

Introduction to Economic Development of Underdeveloped Areas (03) /105/

(Prerequisite—Econ 203)

0101	MTuThF 8.00	Q	209	Staff
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ECON 425

Mathematical Economics (03) /130/

(Prerequisite—Econ 203)

0101	MTuThF 11.00	G	109B	Staff
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ECON 430

Money and Banking (03) /140/

(Prerequisite—Econ 203)

0101	MTuThF 8.00	RR	113	Staff
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ECON 440

International Economics (03) /148/

(Prerequisite—Econ 203)

0101	MTuThF 12.30	Q	107	Staff
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ECON 460

Industrial Organization (03) /170/

(Prerequisite—Econ 203)

0101	MTuThF 9.30	Q	132	Staff
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ECON 470

Labor Economics (03) /160/

(Prerequisite—Econ 203)

0101	MTuThF 11.00	A	320	Staff
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ECON 480

Comparative Economic Systems (03) /131/

(Prerequisite—Econ 203)

0101	MTuThF 11.00	Q	107	Staff
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ECON 698

Selected Topics in Economics (03) /237/

0101	Aranged			Staff
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ECON 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

ECON 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

GEOGRAPHY

GEOG 100

Introduction to Geography (03) /001/

0101 MTuTh 9.30/ /M 11 Q 029 Q 232

Cirrincione

0102 MTuTh 9.30/ /M 2 Q 029 Q 209

Cirrincione

0103 MTuTh 9.30/ /M 3.30 Q 029 Q 209

Cirrincione

0104 MTuTh 9.30/ /Tu 8 Q 029 Q 232

Cirrincione

0105 MTuTh 9.30/ /Tu 2 Q 029 Q 209

Cirrincione

0106 MTuTh 9.30/ /Tu 3.30 Q 029 Q 209

Cirrincione

0107 MTuTh 9.30/ /Th 11 Q 029 Q 232

Cirrincione

0108 MTuTh 9.30/ /Th 2 Q 029 Q 209

Cirrincione

0109 MTuTh 9.30/ /Th 3.30 Q 029 Q 209

Cirrincione

0110 MTuTh 9.30/ /F 8 Q 029 Q 232

Cirrincione

0111 MTuTh 9.30/ /F 2 Q 029 Q 209

Cirrincione

0112 MTuTh 9.30/ /F 3.30 Q 029 Q 209

Cirrincione

GEOG 202

Introductory Cultural Geography (03) 011/

0101 MTuThF 8.00 Q 228

Muller

0102 MTuThF 12.30 Q 228

Deshler

GEOG 203

Introductory Economic Geography (03) /015/

0101 MTuThF 9.30 Q 228

Groves

GEOG 300

Introduction to Geographic Research and Writing (03) /109/

0101 Arranged Q 229

Mitchell

GEOG 380

Local Field Course (03) /170/

0101 Arranged

Brodsky

GEOG 385

Scientific Methodology and History of Geography (03) /180/

0101 MW 7.00-950 Q 229

Hu

GEOG 400

Regional Geography of Eastern Anglo-America (03) /100/

0101 MTuThF 9.30 Q 210

Mitchell

GEOG 407

Historical Geography of America After 1800 (03) /128/

0101 MTuThF 11.00 Q 209

Muller

GEOG 415

Economic Resources and Development of Africa (03) /122/

0101 MTuThF 9.30 Q 209

Deshler

GEOG 421

Economic and Political Geography of Eastern Asia (03) /130/

0101 MTuThF 11.00 Q 228

Hu

GEOG 432	Economic and Cultural Geography of South America (03) /111/ 0101 MTuThF 8.00	Q 210	Chaves
GEOG 451	Political Geography (03) /190/ 0101 MTuThF 12.30	Q 209	Chaves
GEOG 455	Urban Geography (03) /197/ 0101 MTuThF 12.30	Q 210	Groves
GEOG 490	Geographic Concepts and Source Materials (03) /103/ 0101 MTuThF 11.00	Q 210	Cirrincone
GEOG 788	Selected Topics in Geography (1-3 Var Cr) /290/ 0101 Arranged		Staff
GEOG 789	Selected Topics in Geography (1-3 Var Cr) /291/ 0101 Arranged		Staff
GEOG 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged		Staff
GEOG 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged		Staff

GOVERNMENT AND POLITICS

GVPT 100	Principles of Government and Politics (03) /003/ 0101 MTuThF 8.00	Q 019A	Heisler
GVPT 170	American Government (03) /001/ 0101 MTuThF 9.30 0201 MTuThF 11.00 0301 MTuThF 12.30	H 304 H 304 Q 19A	Chaples Thigpen Glass
GVPT 220	Introduction to Political Behavior (03) /020/ (Prerequisite—GVPT 170) 0101 MTuThF 9.30	Q 19A	Devine
GVPT 280	Comparative Politics and Government (03) /090/ 0101 MTuThF 12.30	Q 213	Melnick
GVPT 300	International Political Relations (03) /101/ 0101 MTuThF 11.00	Q 19A	Wilkenfeld
GVPT 401	Problems of World Politics (03) /154/ (Prerequisite—GVPT 170) 0101 MTuThF 8.00	Q 211	Harrison

GVPT 410	Principles of Public Administration (03) /110/ (Prerequisite—GVPT 170) 0101 MTuThF 8.00	Q 213	Strouse
GVPT 431	Introduction to Constitutional Law (03) /131/ (Prerequisite—GVPT 170) 0101 MTuThF 11.00	Q 213	McCarrick
GVPT 441	History of Political Theory—Ancient and Medieval (03) /141/ (Prerequisite—GVPT 170) 0101 MTuThF 9.30	Q 213	Terchek
GVPT 454	Contemporary African Politics (03) /103/ (Prerequisite—GVPT 170) 0101 MTuThF 12.30	Q 211	Werlin
GVPT 462	Urban Politics (03) /162/ (Prerequisite—GVPT 170) 0101 MTuThF 11.00	Q 211	Levine
GVPT 475	The Presidency and The Executive Branch (03) /175/ (Prerequisite—GVPT 170) 0101 MTuThF 9.30	Q 211	King
GVPT 780	Seminar in The Comparative Study of Politics (03) /290/ 0101 TuF 12.30-3	RR 003	Oliver
GVPT 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged		Staff
GVPT 808	Functional Problems in International Relations— Selected Topics (03) /203/ 0101 MTh 7.00-9.45	Q 504	McNelly
GVPT 818	Problems of Public Administration (03) /213/ 0101 MTh 7.00-9.45	Q 369	Dillon
GVPT 842	Man and The State (03) /242/ 0101 Tu F 3.00-5.30	Q 369	Byrd
GVPT 857	Seminar in American Foreign Relations (03) /206/ 0101 TuF 12.30-3	Q 369	Plischke
GVPT 869	Seminar in Urban Administration (03) /218/ 0101 MTh 3.00-5.30	Q 369	Glendening

GVPT 878	Problems in American Government and Politics (03) /261/ 0101 MTh 12.30-3.00 Q 369	Hathorn
GVPT 888	Seminar in Comparative Governmental Institutions— Selected Topics (03) /208/ 0101 MTh 12.30-3.00 RR 003	Hsueh
GVPT 898	Readings in Government and Politics (03) /398/ 0101 Arranged	Staff
GVPT 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged	Staff

INFORMATION SYSTEMS MANAGEMENT

IFSM 401	Electronic Data Processing (03) /101/ (Prerequisite—Junior standing and Math 111) 0101 MTuThF 9.30 Q 006	Testa
IFSM 402	Electronic Data Processing Applications (03) /102/ (Prerequisite—IFSM 401 or Consent of Instructor) 0101 MTuThF 11.00 Q 006	Testa

JOURNALISM

JOUR 200	Introduction to Journalism (03) /010/ 0101 MTuWThF 8.00 G 309 (Prerequisite to other courses in department)	Grunig
JOUR 201	Writing For The Mass Media (03) /011/ 0101 MTuWThF 11.00 G 304 (Prerequisites—Jour 010, C average in English and typing ability)	Petrick
JOUR 310	News Editing (03) /160/ 0101 MTuWThF 11.00 G 305 (Prerequisite—Jour 201)	Crowell
JOUR 320	News Reporting (03) /100/ 0101 MTuWThF 9.30 G 304 (Prerequisite—Jour 201 and typing ability)	Brown
JOUR 330	Public Relations (03) /166/ 0101 MTuWThF 11.00 G 204 (Prerequisite—Jour 201)	Midura
JOUR 350	News Photography (03) /181/ 0101 MTuWThF 9.00-11.00 G 208 (Prerequisite—Jour 201)	Geraci

JOUR 371

Magazine Article and Feature Writing (03) /165/

0101 MTuWThF 12.30 G 204

(Prerequisite—Jour 201)

Flippen

JOUR 600

Research Methods in Mass Communication (03)

0101 MTuWThF 9.30 G 204

Martin

COLLEGE OF EDUCATION

EDUCATION ADMINISTRATION, SUPERVISION AND CURRICULUM

EDAD 499A

Workshop On Human Relationships in Education (06) /189A/
(Meets at John F. Kennedy Senior High School)

0101 MTuWThF 9.00-3.30

Newell

EDAD 602

The Junior College (03)

0101 MTuThF 12.30 A 043

Kelsey

EDAD 603

Problems in Higher Education (03)

0101 MTuThF 2.00 RR 021

Kelsey

EDAD 610

The Organization and Administration of Public Education (03) /210/

0101 MTuThF 9.30 AA 008

McLoone

0201 TuTh 7.00-9.50 OO 321

Goldman

EDAD 611

Organization and Administration of Secondary Schools (03) /211/

0101 MTuThF 9.30 OO 321

Anderson, J.P.

EDAD 612

School Finance and Business Administration (03) /212/

0101 MTuThF 11.00 FF 007

McLoone

EDAD 616	Public School Supervision (03) /216/ 0101 MTuThF 8.00	FF 007	Anderson, J.P.
EDAD 617	Administration and Supervision in The Elementary School (03) /217/ 0101 MTuThF 11.00	OO 321	Bennett
EDAD 625	School Public Relations (03) /225/ 0101 MTuWThF 8.00	OO 026	Van Zwoll
EDAD 634	The School Curriculum (03) /234/ 0101 MTUWThF 9.30	OO 303	Hovet
EDAD 635	Principles of Curriculum Development (03) /235/ 0101 MTuThF 8.00	OO 321	Bennett
EDAD 679	Seminar in Educational Administration and Supervision (03) /249/ 0101 TuTh 3.30-5.30	OO 321	Goldman
EDAD 727	Public School Personnel Administration (03) /227/ 0101 MTuWThF 9.30	OO 312	Van Zwoll
EDAD 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged		Staff
EDAD 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged		Staff

EDUCATION COUNSELING AND PERSONNEL SERVICES

EDCP 410	Introduction to Counseling and Personnel Services (03) /161/ 0101 MTuWThF 8.00	OO 028	Haugen
	0201 MTuWThF 9.30	AA 014	Speilbichler
	0301 MTuWThF 11.00	AA 014	Stockdale
	0401 MTuWThF 9.30	AA 016	Gump
EDCP 411	Mental Hygiene in The Classroom (03) /172/ 0101 MTuWThF 8.00	AA 014	Stockdale
	0201 MTuWThF 12.30	OO 028	Haugen
EDCP 470	Introduction to Student Personnel (03) /200/ 0101 MTuWThF 9.30	FF 007	Staff
EDCP 489	Field Experience in Counseling and Personnel Services (1-4 Var Cr) /187/ (See EDUC 489A for description) 0101 Arranged		Staff

EDCP 498	Special Problems in Counseling and Personnel Services (1-3 Var Cr) /188/ (See EDUC 498 for description)	0101 Arranged			Staff
EDCP 499A	Group Counseling (03) /189A/	0101 MTuWThF 11.00	AA	016	Gump
EDCP 611	Occupational Choice Theory and Information (03) /243/	0101 MTuWThF 9.30	TH	117	Byrne
		0201 MTuWThF 8.00	FF	018	Rhoads
EDCP 614	Personality Theories in Counseling and Personnel Services (03) /249/	0101 MTuWThF 8.00	OO	301	Greenberg
		0201 MTuWThF 11.00	OO	301	Greenberg
EDCP 615	Cases in Appraisal (03) /250/	0101 MTuWThF 8.00	FF	016	Shore
		0201 MTuWThF 11.00	FF	016	Rhoads
EDCP 616	Counseling—Theoretical Foundations and Practice (03) /260/	0201 MTuWThF 9.30	FF	020	Stern
EDCP 619	Practicum in Counseling (02) /261/	0101 MTuWThF 8.00	OO	125	Stern
		0201 MTuWThF 11.00	OO	307	Speilbichler
		0301 MTuWThF 8.00	OO	303	Collins
EDCP 645	Counseling in The Elementary Schools (03) /265/	0101 MTuWThF 11.00	OO	301	Collins
EDCP 655	Organization and Administration of Personnel Services (02) /254/	0101 MTuWThF 11.00	FF	021	Staff
EDCP 656	Counseling and Personnel Services Seminar (02) /271/	0101 MTuWThF 12.30	OO	321	Byrne
EDCP 798	Special Problems in Counseling and Personnel Services (1-6 Var Cr) /288/ (See EDUC 798 for description)	0101 Arranged			Staff
EDCP 799	Master's Thesis Research (1-6 Var Cr) /399/	0101 Arranged			Staff

EDCP 888

Apprenticeship in Counseling and Personnel Services
(1-9 Var Cr) /224/
(See EDUC 888A for Description)

0101 Arranged

Staff

EDCP 889

Internship in Counseling and Personnel Services (3-16 Var Cr) /287/
(See EDUC 889A for Description)

0101 Arranged

Staff

EDCP 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

EDUCATION, EARLY CHILDHOOD - ELEMENTARY

EDEL 303

Activities and Materials in Early Childhood Education (03) /115/

0101 MTuWThF 11 OO 105

Stant

EDEL 321

Curriculum and Instruction—Early Childhood (03) /140B/

0101 MTuWThF 12.30 OO 105

Staff

EDEL 401

Science In Early Childhood Education (03)

0103 MTuWThF 9.30 OO 210

Williams

EDEL 402

Science In The Elementary School—Elementary (03) /105B/

0101 MTuWThF 9.30 OO 024

Dietz

0201 MTuWThF 12.30 OO 024

Dietz

EDEL 404

Language Arts in Early Childhood Education (03)

0101 MTuWThF 8 OO 127

Staff

EDEL 407

Social Studies in the Elementary School—Elementary (03) /122B/

0101 MTuWThF 8 T 201

Weaver

0201 MTuWThF 9.30 T 201

O'Neill

0301 MTuWThF 12.30 OO 225

Wirth

EDEL 410

The Child and the Curriculum—Early Childhood (03) /123A/

0101 MTuWThF 9.30 OO 105

Stant

EDEL 412

Art in the Elementary School (03) /125/

(Enrollment Limited to 25)

0101 MTuWThF 8 T 102

Longley

EDEL 413

Mathematics in the Elementary School—Early Childhood (03) /126A/

0101 MTuWThF 8 FF 017

Martin

EDEL 414

Mathematics in the Elementary School—Elementary (03) /126B/

0101 MTuWThF 9.30 FF 017

Hutchings

0201 MTuWThF 11 FF 017

Hutchings

EDEL 426	The Teaching of Reading (03) /153B/ 0101 MTuWThF 9.30 FF 018 0201 MTuWThF 11.00 FF 019	Herman Hall
EDEL 430	Corrective—Remedial Reading Instruction (03) /EDUC 157/ 0101 TuTh 7-9.45 OO 105 0201 Arranged	Sullivan Staff
EDEL 431	Laboratory Practices In Reading (03) /EDUC 155/ 0101 Arranged	Staff
EDEL 498	Special Problems in Education (1-3 Var Cr) /188/ Prerequisite—Consent of Instructor. Course cards must have the title of the problem and the name of the instructor who approved it. 0101 Arranged	Staff
EDEL 499G	Workshop for Teachers of Elementary School Mathematics (06) /189G/ (Open Only to Participants in the NSF—CCSS Program) 0101 Arranged	Staff
EDEL 499K	European Travel Seminar (06) /189K/ 0101 Arranged	O'Donnell
EDEL 600	Seminar in Elementary Education (03) /200/ 0101 MWF 11 FF 018	O'Neill
EDEL 601	Problems in Teaching Science in Elementary Schools (03) /205/ 0101 MTuWThF 11 OO 210	Williams
EDEL 607	Problems of Teaching Social Studies in Elementary School (03) /222/ 0101 MTuWThF 8.00 OO 225 0201 MTuWThF 9.30 OO 225	Herman Weaver
EDEL 615	Diagnosis and Remediation of Arithmetic Disabilities (03) /227/ (Prerequisite—EDEL 313 or 314 and EDUC 410 or equivalent) 0101 MTuWThF 8 OO 227	Ashlock
EDEL 626	Problems in the Teaching of Reading in the Elementary School (03) /253/ 0101 MTuWThF 8 OO 105	Hall
EDEL 630	Diagnosis and Remediation of Reading Disabilities (03) /EDUC 257/ 0101 Arranged	Sullivan
EDEL 631	Advanced Laboratory Experiences In Reading (03) /EDUC 255/ 0101 Arranged	Wilson

EDEL 632

Advanced Laboratory Experiences In Reading (03) /EDUC 256/

0101 Arranged

0201 Arranged

Brigham
Wilson

EDEL 798

Special Problems in Education (1-6 Var Cr) /288/

Prerequisite—Consent of Instructor. Course cards must have the title of the problem and the name of the instructor who approved it.

0101 Arranged

Staff

EDEL 799

Master's Thesis Research (Cr Arr) /399/

0101 Arranged

Staff

EDEL 899

Doctoral Thesis Research (Cr Arr) /499/

0101 Arranged

Staff

EDUCATION, HUMAN DEVELOPMENT

EDHD 312

Scientific Concepts in Human Development I (08) /112/

(Meets June 21-July 9)

0101 MTuWThF 12.30-3 OO 026

0201 MTuWThF 12.30-3 T 102

0301 MTuWThF 12.30-3 T 203

0401 MTuWThF 12.30-3 OO 301

Hatfield
Green
Hunt
Bowie

EDHD 313

Laboratory In Behavior Analysis I (03) /113/

(Meets July 12-July 30)

0101 MTuWThF 12.30-3 RR 023

Goering

EDHD 314

Scientific Concepts in Human Development II (03) /114/

(All Sections Meet July 12-July 30)

0101 MTuWThF 12.30-3 OO 026

0201 MTuWThF 12.30-3 T 102

0301 MTuWThF 12.30-3 T 203

0401 MTuWThF 12.30-3 OO 301

0501 MTuWThF 12.30-3 TH 117

Bolea
Hatfield
Gardner
Rogolsky
Bowie

EDHD 411

Child Growth and Development (03) /108/

0101 MTuWThF 9.30 O 240

Huebner

EDHD 413

Adolescent Development (03) /105/

0101 MTuWThF 8 OO 126

0201 MTuWThF 9.30 O 236

Kurtz
Gardner

EDHD 445

Guidance of Young Children (03) /145/

0101 MTuWThF 8 FF 021

0201 MTuWThF 11 OO 125

Davidson
Davidson

EDHD 460

Educational Psychology (03) /160/

0101 MTuWThF 9.30 OO 126

Milhollan

- EDHD 498
Special Problems in Education (1-3 Var Cr) /188/
0101 Arranged Staff
- EDHD 499C
Workshop—Application of Human Development Principles (02)
/189C/
(Meets August 2-August 13)
0101 MTuWThF 8-12 Goering
- EDHD 499K
Workshop—Educational Leadership (02) /189K/
(Meets June 7-June 18)
0101 MTuWThF 8-12 Goering
- EDHD 600
Introduction to Human Development and Child Study (03) /200/
Sections 0101, 0201, 0301 meet June 23-July 30
Sections 0401, 0501, 0601 meet June 23-August 13
- | | | | | |
|------|--------------|----|-------------------|----------|
| 0101 | MTuWThF 8 | TH | 117 | Flatter |
| 0201 | MTuWThF 9.30 | F | 118 | Matteson |
| 0301 | MTuWThF 11 | OO | 303 | Kurtz |
| 0401 | TuTh 7 P.M. | OO | 303 | Morgan |
| 0501 | TuTh 7 P.M. | | Baltimore Campus* | Hunt |
| 0601 | TuTh 7 P.M. | OO | 301 | Kyle |
- *Registration at College Park Essential
- EDHD 601
Biological Bases of Behavior (03) /201/
0101 MTuWThF 8 OO 030 Chapin
0201 MTuWThF 11 TH 117 Chapin
- EDHD 602
Social Bases of Behavior (03) /202/
Sections 0101, 0201 meet June 23-July 30
Section 0301 meets June 23-August 13
- | | | | | |
|------|--------------|----|-------------------|----------|
| 0101 | MTuWThF 8 | GG | 001 | Matteson |
| 0201 | MTuWThF 9.30 | OO | 030 | Rogolsky |
| 0301 | TuTh 7 P.M. | | Baltimore Campus* | Rogolsky |
- *Registration at College Park Essential
- EDHD 603
Integrative Bases of Behavior (03) 203/
0101 MTuWThF 11 F 117 Green
- EDHD 612
Advanced Scientific Concepts in Human Development I (03) /212/
(Meets June 21-July 9)
- | | | | | |
|------|-----------------|----|-----|----------|
| 0101 | MTuWThF 12.30-3 | OO | 026 | Hatfield |
| 0201 | MTuWThF 12.30-3 | T | 102 | Green |
| 0301 | MTuWThF 12.30-3 | T | 203 | Hunt |
| 0401 | MTuWThF 12.30-3 | OO | 301 | Bowie |
- EDHD 613
Advanced Laboratory in Behavior Analysis I (03) /213/
(Meets July 12-July 30)
0101 MTuWThF 12.30-3 RR 023 Goering

EDHD 614

Advanced Scientific Concepts in Human Development II (03) /214/
(All Sections Meet July 12-July 30)

0101	MTuWThF	12.30-3	OO	026	Bolea
0201	MTuWThF	12.30-3	T	102	Hatfield
0301	MTuWThF	12.30-3	T	203	Gardner
0401	MTuWThF	12.30-3	OO	301	Rogolsky
0501	MTuWThF	12.30-3	TH	117	Bowie

EDHD 710

Affectional Relationships and Processes in Human
Development (03) /210/

0101	MTuWThF	8	OO	307	Kyle
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EDHD 711

Peer Culture and Group Processes in Human Development
(03) /211/

0101	MTuWThF	9.30	F	117	Flatter
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EDHD 721

Learning Theory and the Educative Process I (03) /221/
Sections 0101, 0201, 0301 meet June 23-July 30

Section 0401 meets June 23-Aug. 13

0101	MTuWThF	8	AA	016	Milhollan
0201	MTuWThF	9.30	C	080	Ansello
0301	MTuWThF	11	C	080	Ansello
0401	TTh	7 P.M.	OO	301	Bolea

EDHD 722

Learning Theory and the Educative Process II (03) /222/

0101	MTuWThF	11	T	010	Eliot
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EDHD 779

Seminar in Special Topics in Human Development (03) /270/

0101	MTuWThF	11	OO	030	Huebner
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EDHD 798

Special Problems in Education (1-6 Var Cr) /288/
(See EDUC 798 for Description)

0101	Arranged				Morgan
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EDHD 799

Master's Thesis Research (1-6 Var Cr) /399/

0101	Arranged				Morgan
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EDHD 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101	Arranged				Staff
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EDUCATION, INDUSTRIAL

EDIN 102

Woodworking I (03) /002/

0101	MTuWThF	11	P	210	White
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EDIN 112

Shop Calculations (03) /012/

0101	MTuWThF	9.30	P	205	Stough
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EDIN 122	Woodworking II (03) /022/ 0101 MTuWThF 12.30	P 210	White
EDIN 127	Electricity-Electronics I (03) /028/ 0101 MTuWThF 8	P 206	Bradley
EDIN 133	Automotives (03) /033/ 0101 MTuWThF 8	P 104	Cooksey
EDIN 184	Organized and Supervised Work Experience (03) /084/ (Professors—Campbell, Gelina, Gettle, DuVall) 0101 Arranged		Staff
EDIN 243	Automotives II (03) /043/ 0101 MTuWThF 11	P 104	Cooksey
EDIN 247	Electricity-Electronics II (03) /048/ 0101 MTuWThF 9.30	P 206	Bradley
EDIN 324	Organized and Supervised Work Experience (03) /124/ (Professors—Campbell, Crosby, Gelina, Tierney) 0101 Arranged		Staff
EDIN 350	Methods of Teaching (03) /050/ (Sections 0101 and 0201 T and I Workshop Only)		
	0101 MTuThF 8	P 103	Staff
	0201 MTuThF 9.30	P 103	Staff
	0301 MTuThF 11	P 103	Staff
EDIN 450	Training Aids Development (03) /150/ 0101 MTuWThF 8	P 304	Beatty
EDIN 457	Tests and Measurements (03) /157/ 0101 MTuWThF 8	P 208	Stough
EDIN 464	Laboratory Organization and Management (03) /164/ (Sections 0101 and 0201 T and I Workshop Only)		
	0101 MTuThF 9.30	P 110	Anderson
	0201 MTuThF 11	P 110	Anderson
	0301 MTuThF 8	P 110	Gettle
EDIN 465	Modern Industry (03) /165/ 0101 MTuWThF 11	P 304	Harrison
EDIN 466	Educational Foundations of Industrial Arts (03) /166/ 0101 MTuWThF 9.30	P 208	Beatty
EDIN 467	Problems in Occupational Education (03) /167/ 0101 MTuWThF 8	P 205	Chambliss

EDIN 469

Occupational Analysis and Course Construction (03) /169/
(Sections 0101 and 0201 for T plus I Workshop Only)

0101	MTuThF 8	P	302	Staff
0201	MTuThF 9.30	P	302	Staff
0301	MTuThF 11	P	302	Staff

EDIN 471

History and Principles of Vocational Education (03) /171/

0101	MTuWThF 9.30	P	201-A	Luetkemeyer
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EDIN 475

Recent Technological Developments in Products and Processes
(03) /175/

0101	MTuThF 11	P	205	Crosby
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EDIN 487

Field Experience in Education (1-4 Var Cr) /187/
(See EDUC 489 for Description)

0101	Arranged			Staff
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EDIN 488

Special Problems in Education (1-3 Var Cr) /188/
(See EDUC 498 for Description)

0101	Arranged			Staff
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EDIN 489D

Workshop in Vocational Education (1-6 Var Cr) /189D/

0101	W 9.30	P	206	Duvall
0201	W 1.30	P	206	Duvall
0301	W 8.00	P	306	Duvall

EDIN 489R

Trade Advancement Workshop (1-6 Var Cr) /189R/

0101	Arranged			Staff
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EDIN 607

Philosophy of Industrial Arts Education (03) /207/

0101	MTuWThF 11	P	201-A	Leutkemeyer
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EDIN 616

Supervision of Industrial Arts (03) /216/

0101	MTuWThF 9.30	P	201-A	Tierney
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EDIN 641

Content and Method of Industrial Arts (03) /241/

0101	MTuWThF 8	P	304	Maley
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EDIN 642

Coordination of Work-Experience Programs (03) /242/

0101	MTuWThF 9.30	P	114	Chambliss
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EDIN 650

Teacher Education in Industrial Arts (03) /250/

0101	MTuWThF 8	P	201-A	Harrison
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EDIN 798

Special Problems in Education (1-6 Var Cr) /288/
(See EDUC 798 for Description)

0101	Arranged			Staff
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EDIN 799

Master's Thesis Research (1-6 Var Cr) /399/

0101	Arranged			Staff
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EDIN 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff

EDUCATION, MEASUREMENT AND STATISTICS

All courses in measurement and statistics are offered on a seven-week basis with the second, fourth, and sixth Wednesday classes not held.

EDMS 446

Quantitative Research Methods I (03)

0101	MTuWThF 8	FF	019	Bates
0102	MTuWThF 8	OO	222	Johnson
0103	MTuWThF 9.30	OO	026	Stunkard
0104	MTuWThF 9.30	T	203	Hamilton
0105	MTuWThF 11	FF	020	Vogt
0106	MTuWThF 11	OO	223	Hamilton
0107	MTuWThF 11	OO	222	Kruglich
0108	MTuWThF 12.30	OO	312	Kruglich
0109	MTuWTh 8.30-9.50 pm	J	010	Rogers

EDMS 446A

Quantitative Research Methods I (03)

Content Covers Material Formerly Presented in EDUC 146 and
EDUC 246. Concurrent Registration in EDMS 646A Required.

0101	MTuWThF 9.30-12.30	J	006	Schafer
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EDMS 451

Statistical Methods in Education (03)

0101	MTuWThF 11	FF	021	Dayton
0102	TuTh 7-9.50	O	307	Bates

EDMS 489

Field Experience in Education—Measurement and Statistics
(1-4 Var Cr)

0101	Arranged			Staff
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EDMS 498

Special Problems in Education—Measurement and Statistics
(1-3 Var Cr)

0101	Arranged			Staff
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EDMS 622

Measurement in Pupil Appraisal (03)

0101	MTuWThF 9.30	OO	307	Giblette
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EDMS 646

Quantitative Research Methods II (03)

0101	MTuWThF 11	GG	150	Stunkard
0102	MTuWThF 12.30	OO	307	Vogt

EDMS 646A

Quantitative Research Methods II (03)

Content Covers Material Formerly Presented in EDUC 146 and
EDUC 246.

Concurrent Registration in EDMS 446A Required.

0101	MTuWThF 9.30-12.30	J	006	Schafer
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EDMS 651

Intermediate Statistics in Education (03)

0101	MTuWThF 12.30	OO	223	Rogers
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EDMS 780

Research Methods and Materials (03)
0101 MTuWThF 9.30 OO 222

Johnson

EDMS 789

Special Problems in Education (1-6 Var Cr)
0101 Arranged

Staff

EDMS 799

Master's Thesis Research (Cr Arr)
0101 Arranged

Staff

EDMS 879

Doctoral Seminar (01)
0101 M 1-3.30 OO 222
0102 Tu 1-3.30 OO 222
0103 W 1-3.30 OO 222

Dayton
Dayton
Giblette

EDMS 888

Apprenticeship in Measurement and Statistics (1-9 Var Cr)
0101 Arranged

Staff

EDMS 889

Internship in Measurement and Statistics (3-16 Var Cr)
0101 Arranged

Staff

EDMS 899

Doctoral Thesis Research (Cr Arr)
0101 Arranged

Staff

EDUCATION, SECONDARY

EDSE 330

Principles and Methods of Secondary Education (03) /145/
0101 MTuWThF 8 OO 036
0201 MTuWThF 8 NN 320
0301 MTuWThF 12.30 OO 125

Adkins
Bialek
Quigley

EDSE 340

Curriculum, Instruction, and Observation-Art (03) /140A/
0101 MTuWThF 11 NN 314

Longley

EDSE 403

Problems in Teaching Office Skills (03) /101/
(Taught in Conjunction with Typewriting Demonstration Laboratory)
0101 MTuThF 11 OO 401

O'Neill

EDSE 404

Basic Business Education in the Secondary Schools (03) /104/
0101 MTuWThF 8 OO 401

Staff

EDSE 415

Financial and Economic Education (03) /114/
0101 MTuWThF 8.30-3.30 MM 304

Anderson

EDSE 416

Financial and Economic Education (03) /115/
0101 MTuWThF 8.30-3.30 MM 304

Anderson

EDSE 423C

Field Experiences—Distribution (03) /123/
 Supervised Work Experiences in a Distributive Occupation to
 Apply Theory of Distribution to the Function of Distribution as a
 Basis for Vocational Teaching and Guidance. By Individual
 Arrangement with the Advisor.
 0101 Arranged Staff

EDSE 425

Problems in Teaching Home Economics (03) /125/
 0101 MTuWThF 9.30 OO 312 Brabble

EDSE 430

Corrective—Remedial Reading Instruction (03)
 0101 TuTh 7-9.45 P.M. OO 105 Sullivan
 0201 Arranged Staff

EDSE 431

Laboratory Practice In Reading (2-4 Var Cr)
 0101 Arranged Staff

EDSE 440

Methods of Teaching English in Secondary Schools (03) /141/
 0101 MTuWThF 2 OO 126 Quigley

EDSE 442

Teaching the Audio-Lingual Skills in the Foreign Languages (03)
 /142/
 0101 MTuWThF 2 OO 220 Flores

EDSE 444

Methods of Teaching Mathematics in Secondary Schools (03) /137/
 0101 MTuWThF 2 OO 312 Davidson

EDSE 446

Methods of Teaching Science in Secondary Schools (03) /138/
 0101 MTuWThF 8 OO 210 Staff

EDSE 447

Methods of Teaching Social Studies in Secondary Schools (03) /133/
 0101 MTuWThF 2 OO 225 Wirth

EDSE 453

The Teaching of Reading in Secondary School (03) /153/
 0101 MTuWThF 11 OO 127 Staff

EDSE 498

Special Problems in Education (1-3 Var Cr) /188/
 (See EDUC 488 for Description)
 0101 Arranged Staff

EDSE 499B

Workshop for Teachers of Disadvantaged Youth (03) /189/
 (Meets June 21 to July 9)
 0101 MTuWThF 9.30-3.30 F 111 Bialek

EDSE 499D

Workshop in Team Teaching (03) /189/
 (Meets June 21 to July 9)
 0101 MTuWThF 9.30-3.30 GG 001 Funaro

EDSE 499L	Workshop—Curriculum Development and Instruction in Family Life Education (03) /189/ (Meets July 12 to July 30)				
	0101 MTuWThF 9.30-3.30 GG 001				Lemmon
EDSE 499M	Home Economics Education Workshop (03) /189M/ (Meets June 21-July 9)				
	0101 MTuWThF 9.30-3.30 GG 010				Green
EDSE 499P	Workshop in Distributive Education (03) /189P/ (Meets July 12-July 30)				
	0101 MTuWThF 8.30-3.30 GG 010				Staff
EDSE 499R	Workshop—Interpersonal Communication and Human Relations In the Classroom (03) /189/ (Meets July 12-July 30)				
	0101 MTuWThF 9.30-3.30 F 111				Funaro
EDSE 499Y	Workshop in Ethnic Studies (03)				
	0101 MTuWThF 9.30-3.30 AR 006				Adkins, Gantt
EDSE 600	Administration and Supervision of Business Education (03)				
	0101 MTuWThF 9.30 OO 401				Peters
EDSE 605	Principles and Problems of Business Education (03) /255/ (Meets July 12-July 30)				
	0101 MTuWThF 11 OO 401				Peters
EDSE 626	Problems of Teaching Reading in Secondary Schools (03)				
	0101 MTuWThF 11 AA 012				Brigham
EDSE 630	Diagnosis and Remediation of Reading Disabilities (03)				
	0101 Arranged				Sullivan
EDSE 631	Advanced Laboratory Experiences in Reading (03)				
	0101 Arranged				Wilson
EDSE 632	Advanced Laboratory Experiences in Reading (03)				
	0101 Arranged				Brigham
	0201 Arranged				Wilson
EDSE 644	Trends in Secondary School Curriculum—English (03) /240A/ (Meets July 12-July 30)				
	0101 MTuWThF 11 AR 002				Woolf
EDSE 645	Trends in Secondary School Curriculum—Foreign Languages (03) /240E/ (Meets July 12-July 30)				
	0101 MTuWThF 12.30 OO 030				Flores
EDSE 798	Special Problems in Education (1-6 Var Cr) /288/ (See EDUC 798 for Description)				
	0101 Arranged				Staff

EDSE 799	Master's Thesis Research (1-6 Var Cr) /399/ 0101 Arranged	Staff
EDSE 822	Seminar in Computer Assisted Instruction (03) /247M/ 0101 MTuWThF 9.30 AA 012	Walbesser
EDSE 826	Seminar in Home Economics Education (03) /247H/ 0101 MTuWThF 8 OO 312	Brabble
EDSE 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged	Staff

EDUCATION, SPECIAL

EDSP 470	Introduction to Special Education (03) /170/ 0101 MTuWThF 8 OO 220 0201 MW 7 OO 220	Staff Staff
EDSP 471	Characteristics of Exceptional Children—Mentally Retarded (03) /171A/ 0101 MTuWThF 9.30 OO 125	Staff
EDSP 472	Education of Exceptional Children—Mentally Retarded (03) /172A/ 0101 MTuWThF 11 AA 008	Staff
EDSP 473	Curriculum for Exceptional Children—Mentally Retarded (03) /173A/ 0101 MTuWThF 8 AA 008	Staff
EDSP 475	Education of the Slow Learner (03) /175/ 0101 MTuWThF 11 OO 220	Staff
EDSP 491	Characteristics of Exceptional Children—Perceptual Learning Problems (03) /171C/ 0101 MTuWThF 9.30 OO 301	Staff
EDSP 492	Education of Exceptional Children—Perceptually Impaired (03) /172C/ 0101 MTuWThF 11 OO 026	Staff
EDSP 498	Special Problems in Education (1-3 Var Cr) /188/ (See EDUC 498 for Description) 0101 Arranged	Staff
EDSP 600	Exceptional Children and Youth (03) /200/ 0101 MTuWThF 8 AA 012	Staff
EDSP 610	Administration and Supervision of Special Education Programs (03) /210/ 0101 MTuWThF 8 OO 223	Staff

EDUCATION**EDUC 300**

Human Development and Learning (06) /110/

Section 0301 for in Service Teachers Only. Section 0101 and 0201 for Regular Undergraduate. Note—All 300 Classes Last 2 Hours and 20 Minutes and Meets for an Eight Week Period. Section 1 and 2 will Require Two off-campus Visits each Week for six Weeks. No other Morning Class Should be Elected.

0101	MTuWThF	8-10.50	Y	005	Bennett
0201	MTuWThF	9.30-12.20	Y	019	Hardy
0301	MTuWThF	9.30-12.20	Y	021	McDaniel

EDUC 301

Foundations of Education (03) /111/

0101	MTuWThF	8	OO	303	Hopkins
0201	MTuThF	8	RR	019	Lindsay
0301	MTuThF	8	TH	111	Male
0401	MTuWThF	9.30	TH	111	Hopkins
0501	MTuThF	9.30	OO	220	Lindsay
0601	MTuThF	9.30	OO	223	Staff
0701	MTuThF	11	O	236	Agre
0801	MTuThF	1	Z	071	Huden

EDUC 370

Introduction to Librarianship (03) /EDLS 120/

0101	TuTh	9.30-12.20	OO	028	Anderson
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EDUC 372

Cataloging and Classification of Library Materials (03) /EDLS 126/

0101	WF	9.30-12.20	OO	028	Staff
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EDUC 373

Library Materials for Children (03) /EDLS 130/

0101	MW	2-4.50	OO	030	Anderson
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EDUC 375

School Library Administration and Service (03) /EDLS 128/

0101	TuTh	2-4.50	OO	030	Staff
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EDUC 411

History of Education in the United States (03) /102/

0101	MTuThF	11	OO	036	Male
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EDUC 420

Philosophy of Education (03) /107/

0101	MTuThF	9.30	OO	036	Agre
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EDUC 430

Educational Sociology (03) /160/

0101	MTuThF	9.30	J	014	Huden
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EDUC 440

Audio-Visual Education (03) /147/

0101	MTuWThF	8	OO	004	Staff
0201	MTuWThF	9.30	OO	004	Staff
0301	MTuWThF	11	OO	004	Staff
0401	MW	7-9.50	OO	004	Beckman

EDUC 442

Instructional Media Services (03) /148/

0101	MTuWThF	11	Y	001	Wedberg
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EDUC 444

Programmed Instruction (03) /149/
0101 MTuWThF 9.30 Y 023

Perrin

The following two courses, EDUC 489A, B, have as prerequisites at least 6 semester hours in education at the University of Maryland plus such other prerequisites as may be set by the major area in which the experience is to be taken. Planned field experience may be provided for selected graduate students who have had teaching experience and whose application for such field experience has been approved by the education faculty. Field experience is offered in a given area to both majors and non-majors. The maximum number of credits which may be earned in EDUC 489, 888, and 889 is 20 sem hours.

EDUC 489A

Field Experience in Education—Adult Education (1-4 Var Cr) /187A/
0101 Arranged

Staff

EDUC 489B

Field Experience in Education—Foundations (1-4 Var Cr) /187B/
0101 Arranged

Staff

EDUC 498

Special Problem in Education (1-3 Var Cr) /188/
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.

0101 Arranged

Staff

EDUC 499A

Supervision of Student Teachers (03) /189A/
(Meets June 21-July 12)

0101 Arranged

Hempstead

EDUC 499B

Workshop—Instructional Materials (03) /189B/
(Meets June 24-July 14)

0101 MTuWThF 1-4.30 OO 004

Chisholm, Beckman

EDUC 499J

Workshop in Music—Music Repertoire For Small Instrumental Ensembles (03) /189J/
(Meets June 21-July 9)

0101 MTuWThF 8-10.50 NN 116

Gallagher

EDUC 499S

Workshop in Music—Music For Today's Youth, With Emphasis On Special Needs of Urban Centers (03) /189J/
(Meets July 12-July 30)

0101 MTuWThF 12.30-3.20 NN 208

Staff

EDUC 798

Special Problems in Education (1-6 Var Cr) /288/
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 cards must have the title of the problem and the name of the faculty member under whom the work will be done.

0101 Arranged

Staff

EDUC 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

The following two courses, Apprenticeships in the Major Area of Study, are available to selected students whose application for an Apprenticeship has been approved by the Education Faculty

Prerequisites—Teaching experience a Master's Degree in Education, and at least six semester hours in Education at the University of Maryland.

EDUC 888A

Apprenticeship in Education—Adult Education (1-9 Var Cr) /224A/

0101 Arranged

Staff

EDUC 888B

Apprenticeship in Education—Foundations (1-9 Var Cr) /224B/

0201 Arranged

Staff

The following two courses, Internships in The Major Area of Study, are available to selected students who have teaching experience. These groups of students are eligible—(A) any student who has been advanced to candidacy for the Doctor's Degree, and (B) any student who receives special approval by the Education Faculty, provided that prior to taking an Internship, such student shall have completed at least 60 semester hours of Graduate Work, including at least 6 semester hours at this University. The Internship must be taken in a school situation different from the one where the student is regularly employed.

EDUC 889A

Internship in Education—Adult Education (3-6 Var Cr) /287A/

0101 Arranged

Staff

EDUC 889B

Internship in Education—Foundations (3-6 Var Cr) /287B/

0101 Arranged

Staff

EDUC 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

MUSIC EDUCATION

MUED 438

Special Problems in The Teaching of Instrumental Music—
Percussion (03) /176/

Prerequisite—Musc 113, 213 or the equivalent

Meets July 12-July 30

0101 MTuWThF 8-10.50 NN 116

Staff

MUED 450

Music in Early Childhood Education (03) /116/

Prerequisite—Musc 155. Meets July 12-July 30

0101 MTuWThF 9.30-12.20 NN 202

Shelley

MUED 470

Music in Secondary Schools (03) /132/

Meets June 21-July 9

0101 MTuWThF 12.30-3.20 NN 101

Shelley

MUED 472

Methods and Materials in Vocal Music For Secondary
Schools (03) /175/

Meets June 21-July 9

0101 MTuWThF 9.30-12.20 NN 202

Staff

COLLEGE OF ENGINEERING

ENGINEERING, AEROSPACE

ENAE 371	Aerodynamics I (03) /101/ 0101 MTuThF 8.00	J 244	Staff
ENAE 452	Flight Structures II (04) /114/ 0101 MTuWThF 9.30	J 244	Staff
ENAE 457	Flight Structures III (03) /184/ 0101 MTuThF 11.00	J 244	Staff
ENAE 488	Topics in Aerospace Engineering (1-4 Var Cr) /190/ 0101 Arranged		Staff
ENAE 799	Master's Thesis Research (Cr Arr) /399/ 0101 Arranged		Thomas
ENAE 899	Doctoral Thesis Research (Cr Arr) /499/ 0101 Arranged		Staff

ENGINEERING, CHEMICAL

ENCH 215	Chemical Engineering Analysis I (02) /015/ (Prerequisite—Consent of Department. Meets June 24-July 18) 0101 Arranged		Gomezplata
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ENCH 250

Chemical Engineering Analysis II (03) /050/

(Prerequisite—Consent of the Department. Meets July 20- Aug. 14)

0101 Arranged

Gomezplata

ENCH 437

Chemical Engineering Laboratory (03) /137/

0101 Arranged

Gomezplata

ENCH 468

Research (2-3 Var Cr) /165/

0101 Arranged

Staff

ENCH 648

Special Problems in Chemical Engineering (03) /247A/

0101 Arranged

Staff

ENCH 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

ENCH 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

ENGINEERING, CIVIL

ENCE 200

Fundamentals of Engineering Materials (03) /050/

(Prerequisite—ENES 220 or concurrent registration)

0101 MTuF 8-9/Th8-11 J 170 J 170

Staff

ENCE 280

Engineering Survey Measurements (03) /090/

Corequisite—Math 141 with Consent of Instructor. Open only to students enrolled in the College of Engineering. June 7-June 21.

0101 MTuWThF 8-5 J 154

0201 MTuWThF 8-5 J 156

Cournyn
Cournyn

ENCE 350

Fundamentals of Structural Analysis (03) /102/

0101 MTuThF 9

Piper

ENCE 360

Engineering Analysis and Computer Programming (03) /100/

0101 Arranged

Staff

ENCE 370

Fundamentals of Transportation Engineering (03) /108/

0101 MTuThF 8

Staff

ENCE 489

Special Problems (03) /199/

0101 Arranged

Staff

ENCE 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

ENCE 899	Doctoral Thesis Research (1-6 Var Cr) /499/ 0101 Arranged		Staff
ENGINEERING, ELECTRICAL			
ENEE 206	Circuit Analysis I (04) /090/ Corequisite—Math 241, Phys 263, ENEE 207. Required of Sophomores in Electrical Engineering.	0101 MTuWThF 8.00	J 226 Staff
ENEE 207	Circuits Laboratory I (01) /091/ Corequisite—ENEE 206. Required of Sophomores in Electrical Engineering. First meeting Wednesday, June 24 in S-006.	0101 Arranged	Staff
ENEE 306	Circuit Analysis II (04) /120/ 0101 Arranged		Staff
ENEE 307	Circuits Laboratory II (01) /121/ 0101 Arranged		Staff
ENEE 310	Electronics Circuits I (04) /122/ Prerequisite—ENEE 306. Required of Juniors in Electrical Engineering.	0101 MTuWThF 8.00	J 154 Staff
ENEE 311	Electronics Laboratory I (01) /123/ Corequisite—ENEE 310. Required of Juniors in Electrical Engineering. First meeting Wednesday, June 24, S Bldg. Laboratory fee \$10.00.	0101 Arranged	Staff
ENEE 320	Engineering Probability (02) /142/ Prerequisites—Math 241, ENEE 206. Required of Electrical Engineering Majors.	0101 MWF 8.00	J 122 Staff
ENEE 344	Introduction to Computers and Computation (03) 0101 MTuThF 11.00		Staff
ENEE 380	Engineering Electromagnetics I (03) /130/ Prerequisites—Math 241, Phys 263, ENEE 206, with an average of C or better in Math 241, Phys 262, 263 and ENEE 206. Required of Juniors in Electrical Engineering.	0101 MTuThF 9.30	J 154 Staff
ENEE 400	Network Synthesis (03) /150/ (Prerequisite—ENEE 306)	0101 MTuThF 8.00	J 134 Staff

ENEE 418

Projects in Electrical Engineering (1-3 Var Cr) /181/
Prerequisite—Senior standing in Electrical Engineering and approval of the proposed project by the instructor prior to registration.

0101 Arranged

Staff

ENEE 425

Signal Analysis, Modulation and Noise (03) /158/

0101 MTuThF 9.30

Staff

ENEE 460

Feedback Control Systems (03) /154/

(Prerequisites—Math 264, ENEE 310)

0101 MTuThF 8.00 J 140

Staff

ENEE 488

Topics in Electrical Engineering (03) /180/

Special studies in Biomedical, Circuits, Communication, Computing, Control and Electrophysics.

0101 Arranged

Staff

ENEE 620

Random Processes in Communication and Control (03) /218/

(Prerequisite—ENEE 425 or equivalent)

0101 MTuThF 8.00 J 236

Staff

ENEE 621

Estimation and Detection Theory (03) /219/

0101 MTuThF 3.30

Staff

ENEE 646

Digital Computer Design (03) /270/

0101 MTuThF 8.00

Staff

ENEE 655

Structure Theory of Machines (03) /263/

0101 MTuThF 3.30

Staff

ENEE 799

Master's Thesis Research (1-6 Var Cr) /399/

0101 Arranged

Staff

ENEE 899

Doctoral Thesis Research (1-6 Var Cr) /499/

0101 Arranged

Staff

ENGINEERING SCIENCE

ENES 101

Introduction to Engineering Science (03) /001/

(Prerequisite—Concurrent Math 115)

0101 M 8-10.50/TuTh 8 J 382 J 382

Puckett

ENES 110

Mechanics (03) /010/

(Prerequisite—ENES 101, Concurrent Math 141)

0101 MTuThF 8.00 J 378

Hayleck

ENES 220

Mechanics of Materials (03) /020/

0101 MTuThF 11.00 J 270

Staff

ENES 221	Dynamics (03) /021/ (Prerequisite—ENES 110, concurrent Math 240 and Phys 161) 0101 MTuThF 8.00 J 360	Cunniff
ENES 240	Algorithmic Analysis and Computer Programming (02) /080/ Corequisites—Math 240, ENES 243. Required of Sophomores in Electrical Engineering. 0101 MWF 9.30-10.50 J 226	Staff
ENES 243	Digital Computer Laboratory (01) /081/ Corequisite—ENES 240. Required of Sophomores in Electrical Engineering. First meeting Wednesday, June 24 J-128. 0101 Arranged	Staff
ENGINEERING MATERIALS		
ENMA 698	Special Problems in Engineering Materials (Cr Arr) /398/ 0101 Arranged	Staff
ENMA 799	Master's Thesis Research—Engineering Materials (1-6 Var Cr) 0101 Arranged	Staff
ENMA 899	Doctoral Thesis Research (Cr Arr) /499/ 0101 Arranged	Staff
ENGINEERING, MECHANICAL		
ENME 216	Thermodynamics I (03) /060/ (Prerequisite—Phys 262 and Math 240) 0101 MTuThF 9.30 J 360	Staff
ENME 321	Transfer Processes (03) /106/ 0101 Arranged	Sallet
ENME 340	Fluid Mechanics I (03) /102/ 0101 Arranged	Sayre
ENME 341	Gas Dynamics (03) /104/ 0101 Arranged	John
ENME 488	Special Problems (03) /166/ 0101 Arranged	Staff
ENME 788	Seminar (Cr Arr) /220/ 0101 Arranged	Staff
ENME 799	Master's Thesis Research (Cr Arr) /399/ 0101 Arranged	Staff

ENME 899

Doctoral Thesis Research (Cr Arr) /499/
0101 Arranged

Staff

ENGINEERING, NUCLEAR

ENNU 648

Special Problems in Nuclear Engineering (2-3 Var Cr) /ENCH 314/
0101 Arranged

Staff

ENNU 799

Master's Thesis Research (1-6 Var Cr) /ENCH 399B/
0101 Arranged

Staff

ENNU 899

Doctoral Thesis Research—Nuclear Engineering (1-6 Var Cr) /ENCH 499B/
0101 Arranged

Staff

GENERAL EDUCATION

GENERAL EDUCATION

GNED 260

Introduction to Interdisciplinary Urban Study (03) /060/
0101 MTuTh 12.30/Tu 2-4.50 MM 207 MM 413

Nikkel



COLLEGE OF HOME ECONOMICS

APPLIED DESIGN

APDS 101

Fundamentals of Design (03) /001/

0101 MTuWThF 8.00 H 101

Roper

APDS 210

Presentation Techniques (03) /010/

0101 MTuWThF 9.30 H 101

Roper

CRAFTS

CRAF 102

Recreational Crafts (02) /002/

0101 MTuWThF 9.30-11.30 H 005

Staff

CRAF 202

Creative Crafts (03) /102/

0101 MTuWThF 9.30-12.30 H 005

Staff

CRAF 220

Ceramics I—Material and Processes (03) /020/

0101 MTuWThF 9.30-11.30 H 102

Zimmerman

0201 MTuWThF 1.00 H 102

Zimmerman

CRAF 230

Metalry I (03) /030/

0101	MTuWThF 9.30	H	009	Nelson
0201	MTuWThF 1.00	H	009	Nelson

CRAF 320

Advanced Ceramics I (03) /120/

0101	MTuWThF 9.30	H	102	Zimmerman
0201	MTuWThF 1.00	H	102	Zimmerman

CRAF 330

Advanced Metalry I (02) /130/

0101	MTuWThF 9.30-12.30	H	009	Nelson
0201	MTuWThF 1.00	H	009	Nelson

CRAF 428

Individual Problems in Crafts—Ceramics (3-4 Var Cr) /190A/
Open only to advanced students who, with guidance,
can work independently.

0101	Arranged			Zimmerman
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CRAF 438

Individual Problems in Crafts—Metalry (3-4 Var Cr) /190B/
Open only to advanced students who, with guidance,
can work independently.

0101	Arranged			Nelson
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FAMILY & COMMUNITY DEVELOPMENT

FMCD 332

The Child in The Family (03) /132

0101	MTuWThF 2-3.20	HMC	001	Gaylin
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(Prerequisite—PSYC 100)

FMCD 444

Resident Experience in Home Management (03) /144/

Prerequisites FMCD 250, 280, 341, or 343, Food 260 or Equivalents.
Four weeks (June 21-July 16). Residence in HMC. Experience in
planning, coordinating, and participating in activities of a house-
hold, composed of a faculty member and a group of students. Stu-
dents not living in dormitories are billed at rate of \$5 a week for
a room in HM Residence. A charge of \$40 for food plus supplies
is assessed each student. Dormitory students will be refunded a
prorated amount for meals. Reservations must be made a semester
prior registration.

0101	Arranged	HMC	001	Orvedal
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FMCD 445A

Practicum With Families, Children, and Home Management (03) /145/
Planned, supervised experience in individual participaton and/or
observation in Community Setting to Relate Theory to Practice.
Limited to FMCD Majors who have had plans arranged and ap-
proved during spring term.

0101	Arranged			Churaman
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FMCD 445B

Practicum With Children (03) /145/

0101	Arranged			Churaman
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FMCD 445C

Practicum in Home Management and Consumer Studies (03) /145/
0101 Arranged Churaman

FMCD 485

Introduction To Family Counseling (03) /185/
Prerequisite—PSYC 100 and 235, FMCD 105 and 331 or equivalents.
This course meets July 12-30.
0101 MTuWThF 9-11.30 HMC Brown

FMCD 490F

Special Topic—Helping Families With Managerial and Consumer Problems (03) /190/
This workshop is designed to aid men and women who work in family-centered program in (1) clarifying key concepts in development and use of family resources and (2) designing approaches for helping families with consumer activities and task performance to meet family goals. Resource speakers will discuss alternative proposals for government income subsidies, legal aspects of consumer problems and the evaluation of family progress. Workshop meets June 21-July 17.
0101 MTuWThF 9-12.30 HMC Churaman

FOOD**FOOD 110**

Food and Nutrition of Individuals and Families (03) /005/
0101 MF 8/TuTh 8-10 H 309 H 222 Blyer

FOOD 490

Special Problems in Foods (03) /130/
0101 Arranged Prather

FOOD 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged Staff

HOME ECONOMICS**HOEC 658**

Special Topics in Housing and Applied Design (2-6 Var Cr) /290/
(Consent of Instructor)
0101 M 11/Arranged H 105 Staff

HOEC 678

Special Topics—Helping Families With Managerial and Consumer Problems (03) /290F/
0101 MTuWThF 9-12.30 HMC Churaman

HOEC 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged Staff

HOUSING & APPLIED DESIGN**HSAD 499**

Individual Study in Housing and/or Interior Design (3-4 Var Cr) /190/
(Consent of Instructor)
0101 M 10 Staff

INSTITUTION ADMINISTRATION

IADM 350

Practicum in Institution Administration (03) /140/
 (Prerequisite—5 Credits in IADM)
 0101 Arranged

Prather

IADM 490

Special Problems in Food Service (03) /130/
 0101 Arranged

Prather

IADM 460

Administrative Dietetics (03) /181/
 0101 Arranged

Prather

IADM 470

Administrative Dietetics (03) /182/
 0101 Arranged

Prather

IADM 480

Applied Diet Therapy (03) /183/
 0101 Arranged

Prather

IADM 799

Master's Thesis Research (1-6 Var Cr) /399/
 0101 Arranged

Staff

NUTRITION

NUTR 490

Special Problems in Nutrition (03) /130/
 0101 Arranged

Prather

NUTR 600

Recent Progress in Human Nutrition (03) /208/
 0101 MTuThF 8.00 H 222

Ahrens

NUTR 799

Master's Thesis Research (1-6 Var Cr) /399/
 0101 Arranged

Staff

TEXTILES AND APPAREL

TXAP 221

Apparel I (03)
 0101 MWF 1-4.30 H 132

Pledger

TXAP 425

Apparel Design—Experimental Processes (03)
 (Prerequisites TXAP 222 and TEXT 456)
 0101 MWF 8.30-12 H 132

Pledger

TXAP 799

Master's Thesis Research (1-6 Var Cr) /399/
 0101 Arranged

Staff

SCHOOL OF LIBRARY AND INFORMATION SERVICES

LIBRARY SCIENCE

LBSC 610

Introduction To Reference and Bibliography (03) /202/

0101 MTuWThF 8-9 L 405
0201 MTuWThF 2-3 L 100B

Warner
Daniel

LBSC 615

Literature and Research in The Social Sciences (03) /215/

0101 MTuWThF 12-1 L 405
0201 MTuWThF 2-3 L 405

Warner
Holroyd

LBSC 636

Children's Literature and Materials (03) /222/

0101 MTuWThF 10-11 L 100B

MacLeod

LBSC 642

Organization of Knowledge in Libraries I (03) /206/

0101 MTuWThF 8-9 L 100A
0201 MTuWThF 12-1 L 100B

Foskett
Wilson

LBSC 644

Organization of Knowledge in Libraries II (03) /207/

0101 MTuWThF 11-12 L 405

Batty

LBSC 650	Fundamentals of Documentation (03) /208/ 0101 MTuWThF 2-3	L 100A	Wilson
LBSC 653	Construction and Maintenance of Index Languages (03) /224/ 0101 MTuWThF 12-1	L 100A	Wellisch
LBSC 656	Introduction To Information Retrieval Systems (03) /210/ 0101 MTuWThF 8-9	L 100B	Batty
LBSC 665	Problems of Special Materials (03) /235/ 0101 MTuWThF 9-10	L 100B	Foskett
LBSC 711	Programming Systems For Information Handling Applications (03) /232/ 0101 MTuWThF 10-11	L 405M	Soergel
LBSC 715	Library Systems Analysis (03) /234/ 0101 MTuWThF 9-10	L 405M	Kraft
LBSC 731	Library Administration (03) /211/ 0101 MTuWThF 10-11	L 405	Holroyd
LBSC 743	Seminar in The Academic Library (03) /253/ 0101 MTuWThF 1-2	L 405M	Colson
LBSC 754	Seminar in The School Library (03) /264/ 0101 MTuWThF 9-10	L 100A	Liesener
LBSC 757	Library and Information Service Facilities—Objectives and Performance (03) /226/ 0101 MTuWThF 11-12	L 100B	Olson
LBSC 804	Communication and Libraries (03) /204/ 0101 MTuWThF 11-12	L 100A	Korotkin
LBSC 827	History of Libraries and Their Materials (03) /209/ 0101 MTuWThF 10-11	L 100A	Colson
LBSC 859	Independent Study (1-6 Var Cr) /290/ 0101 Arranged		Staff
LBSC 859F	Proseminar (03) /290F/ 0101 MTuWThF 9-10/MTuWThF 1-2 0102 MTuWThF 9-10/MTuWThF 1-2 0103 MTuWThF 9-10/MTuWThF 1-2	L 405 L 100A L 405 L 100B L 405 L 405	Staff, Wellisch Staff, Daniel Staff, Reynolds

COLLEGE OF PHYSICAL EDUCATION, RECREATION AND HEALTH

HEALTH

HLTH 105

Science and Theory of Health (02) /005/

0101	MTuThF 8.00	AA	010	Staff
0201	MTuThF 9.30	AA	010	Staff
0301	MTuThF 2.00	Q	104	Staff
0401	MTuThF 3.30	Q	104	Staff

HLTH 150

First Aid (01) /050/

0101	MTuThF 9.30	GG	150	Raymond
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HLTH 270

Safety Education (03) /070/

0101	MTuWThF 8.00	GG	150	Raymond
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HLTH 365

Organization, Administration, and Supervision of School Safety
Education (03) /165/

0101	MTuWThF 8.00	GG	202	Tompkins
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HLTH 375

Problems in Driver Education and Traffic Safety
Education (03) /175/

0101	MTuWThF 9.30	GG	202	Tompkins
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HLTH 450

Health Problems of Children and Youth (03) /150/

0101	MTuWThF 11.00	AA	010	Miller
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HLTH 488

Children's Physical Developmental Clinic (1-4 Var Cr) /188/
 (Must have Junior standing and prior permission of instructor)
 0101 Arranged

Johnson

HLTH 489

Institute—Advancements in Health Science and Health
 Education (3-6 Var Cr) /189/
 0101 MTuWThF 9-12 AR 018

Jones

HLTH 489D

Workshop—Curriculum Development in Driver and Traffic
 Safety (06) /189D/
 0101 MTuWTh 7-9.30 GG 202

Clearwater

HLTH 489K

Workshop—Current Issues in Health Education (3-6 Var Cr) /189K/
 First two weeks—Death Education and Suicide Behavior
 Second two weeks—Drug Education
 Third two weeks—Human Sex and Sex Education
 0101 MTuWThF 9-3 AR 033

Sands, Leviton

HLTH 600

Seminar in Health (01) /200/
 0101 Arranged

Fraleay

HLTH 688

Special Problems in Health Education (1-6 Var Cr) /288/
 0101 Arranged

Staff

HLTH 791

Curriculum Construction in Health Education (03) /291/
 0101 MTuWThF 9.30 Q 504

Miller

HLTH 799

Master's Thesis Research (1-6 Var Cr) /399/
 0101 Arranged

Staff

HLTH 899

Doctoral Thesis Research (1-6 Var Cr) /499/
 0101 Arranged

Staff

PHYSICAL EDUCATION

The following four courses, PHED 097A-D, are not available for credit to PHED Majors. Non-Majors may use this credit to fulfill graduation requirements in Physical Education. Fee \$6.00

PHED 097A

Physical Activities—Tennis (1-4 Var Cr) /010S/
 0101 MTuThF 8 GG CTS

Santa Maria

PHED 097B

Physical Activities—Tennis (1-4 Var Cr) /010S/
 0101 MTuThF 9.30 GG CTS

Santa Maria

PHED 097C

Physical Activities—Swimming (1-4 Var Cr) /010S/
 0101 MTuThF 11 GG POOL

Staff

PHED 097D	Physical Activities—Golf (1-4 Var Cr) /010S/ 0101 MTuThF 9.30 GG	Staff
PHED 400	Kinesiology (04) /100/ 0101 MTuWThF 9.30/Arr. GG 309	Kelley
PHED 420	Physical Education For The Elementary School (03) /120/ 0101 MTuWThF 9.30 GG 210	Humphrey
PHED 460	Physiology of Exercise (03) /160/ 0101 MTuWThF 9.30	Clarke
PHED 480	Measurement in Physical Education (03) /180/ 0101 MTuWThF 8.00 GG 210	Kelley
PHED 485	Motor Learning and Skilled Performance (03) /185/ 0101 MTuWThF 9.30	Husman
PHED 489A	Perceptual Motor Workshop (03) /189A/ 0101 MTuWThF 8.00 GG 010	Church
PHED 489B	Physical and Motor Development of The Adolescent (03) /189B/ 0101 MTuWThF 11 GG 210	Santa Maria
PHED 496	Quantitative Methods (03) /196/ 0101 MTuWThF 9.30	Stull
PHED 600	Seminar in Physical Education (01) /200/ 0101 Arranged	Fraley
PHED 602	Status and Trends in Elementary School Physical Education (03) /202/ 0101 MTuWThF 11 GG 309	Humphrey
PHED 610	Methods and Techniques of Research (03) /210/ 0101 MTuWThF 8.00 Arr.	Stull
PHED 620	Analysis of Contemporary Athletics (03) /205/ 0101 MTuWThF 8.00 Arr.	Husman
PHED 663	History of Sport in Western Culture (03) /207/ 0101 MTuWThF 11 Arr.	Eyler
PHED 689	Special Problems in Physical Education (1-6 Var Cr) /288/ Master or Doctoral Candidates who desire to pursue special re- search problems under the direction of their advisors may regis- ter for 1-6 hours of credit under this number. 0101 Arranged	Staff

122 / physical education

PHED 789

Advanced Seminar—Exercise Physiology (03) /287/
0101 MTuWThF 11 Arr.

Clarke

PHED 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged

Staff

PHED 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff

RECREATION

RECR 454

Outdoor Education (06) /184/
(Meets June 23-July 30)
0101 MTuWThF 9-3/Arr.

Eley, Leedy

RECR 489

Field Laboratory Projects and Workshops (1-6 Var Cr) /189/
0101 Arranged

Staff

RECR 600

Seminar in Recreation (01) /200/
0101 Tu 1.00 GG 202

Fraley

RECR 610

Methods and Techniques of Research (03) /210/
0101 MTuWThF 8.00 GG 309

Stull

RECR 688

Special Problems in Recreation (1-6 Var Cr) /288/
(Credit According to Work Assigned)
0101 Arranged

Staff

RECR 799

Master's Thesis Research (1-6 Var Cr) /399/
0101 Arranged

Staff

RECR 899

Doctoral Thesis Research (1-6 Var Cr) /499/
0101 Arranged

Staff



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MRS. MICHAEL J. DEEGAN, JR. (Appointed June 1970)
9939 Good Luck Road, Apartment 204, Seabrook 20801

GEORGE C. FRY
Cecilton 21913

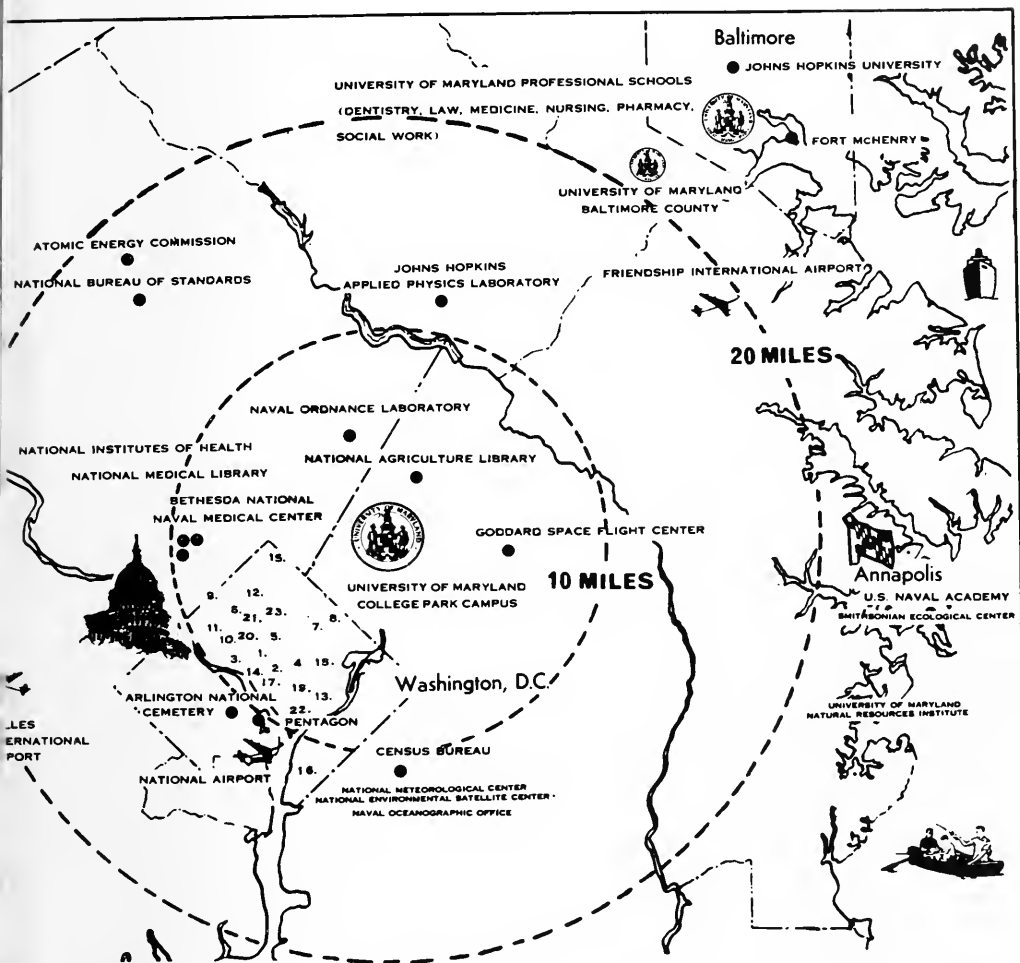
EDWARD V. HURLEY (Appointed June 1970)
Commission on Human Relations, Mount Vernon Building, 701 St. Paul Street,
Baltimore 21202

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

HUGH A. McMULLEN (Appointed September 1970)
Geppert and McMullen, 21 Prospect Square, Cumberland 21502



THE UNIVERSITY OF MARYLAND ACADEMIC RESOURCES AND POINTS OF INTEREST



- | | |
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| 1. NATIONAL ARCHIVES | 12. NATIONAL ZOOLOGICAL PARK |
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| 3. NATIONAL MUSEUM OF SCIENCES AND TECHNOLOGY | 14. SMITHSONIAN INSTITUTION |
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| 7. HOWARD UNIVERSITY | 18. THE FOLGER SHAKESPEARE LIBRARY |
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NAME _____
Last First Middle

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SUMMER 1971

Please send me an application for UNDERGRADUATE admission to the 1971 Summer School.

Undergraduate day students or graduate students who were registered on the College Park Campus with the University during the Spring Semester and who are in good academic standing at the end of the Spring Semester need only to appear for registration at the time indicated on page 7.

NAME _____
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Please send me an application for admission to the Graduate School. I intend to begin graduate study with the 1971 summer session through the Summer School.

I understand that applications for the summer session must be received in the Graduate School by May 17, 1971 and that the application is not considered complete until two copies of all my transcripts have also been received in the Graduate School by that date.

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From Remarks at Convocation of
Dr. C. E. Bishop, Chancellor
University of Maryland
College Park Campus
September 16, 1970

For more information, please write or phone—

THE SUMMER SCHOOL
201 Turner Laboratory
University of Maryland
College Park, Maryland 20742
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