



SUMMER PROGRAMS '87

THE UNIVERSITY OF MARYLAND
COLLEGE PARK

COLLEGE PARK CAMPUS ADMINISTRATION

Chancellor

John B. Slaughter

B.S., Kansas State University, 1956, Electrical Engineering;
M.S., University of California, Los Angeles, 1961;
Ph.D., University of California, San Diego, 1961.

Vice Chancellor for Academic Affairs and Provost

William E. Kirwan

A.B., University of Kentucky, 1960;
M.S., Rutgers University, 1962;
Ph.D., Rutgers University, 1964.

Vice Chancellor for Administrative Affairs

Charles F. Sturtz

B.A., Wittenberg University, 1958;
M.P.A. Wayne State University, 1961.

Vice Chancellor for Student Affairs

William L. Thomas, Jr.

B.S., University of Tennessee, 1955;
M.S., University of Tennessee, 1965;
Ph.D., Michigan State University, 1970.

Vice Chancellor for Institutional Advancement

A. H. Edwards

B.S., Northwest Missouri State University, 1957
M.S., Northwest Missouri State University, 1971
Ph.D., Clayton University, St. Louis, 1975

SUMMER PROGRAMS ADMINISTRATION

Administrative Dean for Summer Programs

Melvin Bernstein

B.A., Southwestern at Memphis, 1947;
B.Mus., Southwestern at Memphis, 1948;
M.Mus., University of Michigan, 1949;
M.A., University of North Carolina, 1954;
Ph.D., University of North Carolina, 1964.

Director of Cultural Programs

George A. Moquin

B.A., University of Maryland, 1971.

Director for Public Relations

Neale Perl

B.M. Peabody Conservatory, 1977
M.M. Temple University, 1979

Director of Finance

David N. Catania

B.S., University of Maryland, 1978.

Director of Intramural Sports and Recreation

Nick Kovalakides

B.S., University of Maryland, 1961;
M.A., University of Maryland, 1968.

CENTRAL ADMINISTRATION OF THE UNIVERSITY

President

John S. Toll

B.S., Yale University, 1944;
M.A., Princeton University, 1948;
Ph.D., Princeton University, 1952.

UNIVERSITY POLICY STATEMENTS

The provisions of this publication are not to be regarded as a 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 interest 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 to be detrimental to the interests of the university community, that person may be required to withdraw from the university.

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

It is university policy that smoking in classrooms is prohibited. Any student has the right to remind the instructor of this policy throughout the duration of the class.

Vice President for Academic Affairs

Rita R. Colwell

B.S., Purdue University, 1956
M.S., Purdue University, 1958
Ph.D., Univ. of Washington, 1961

Vice President for Agricultural

Affairs and Dean
Raymond J. Miller

B.S., University of Alberta, 1957
M.S., Wash. State University, 1960
Ph.D., Purdue University, 1962

Vice President for General Administration

Donald L. Myers

B.A., Pennsylvania State Univ., 1951
B.S., N.C. State University, 1961
M.B.A., U. of Southern California, 1966

Vice President for Governmental Relations

Patricia S. Florestano

B.S., University of Maryland, 1958
M.A., University of Maryland, 1970
Ph.D., University of Maryland, 1974

Vice President for Graduate Studies and Research

David S. Sparks

B.A., Grinnell College, 1944
M.A., Univ. of Chicago, 1945
Ph.D., Univ. of Chicago, 1951

Vice President for Policy & Planning

Leroy Keith, Jr.

B.S., Morehouse College, 1961
M.S., Indiana University, 1968
Ed.D., Indiana University, 1970

Vice President for University Relations

Robert G. Smith

B.S., State University of New York at Geneseo, 1952;
M.A., Ohio University, 1956.

BOARD OF REGENTS

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Allen L. Schwait

Assistant Secretary

Betty R. Cross

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The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities are in conformance with pertinent federal and state laws and regulations on nondiscrimination regarding race, color, religion, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964, as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individual designated below.

Director of the Office of Human Relations
1107 Hornbake Library
University of Maryland, College Park
College Park, Maryland, 20742

Campus Coordinator for S504 of the
Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Cover: Urban Folk Story, Carved Wood Sculpture

by Pamela Biotner, Art Department, University of Maryland

Original Size: 12" x 8" x 10"

TABLE OF CONTENTS

USP Courses for Summer 1987 on pages 12 & 13

1. THE UNIVERSITY		11. SPECIAL PROGRAMS	Industrial Tech., Occ. Ed.	40
College Park Campus Administration	i	Workshops, Institutes and Other	Measurement and Statistics	42
Summer Programs Administration	i	Special Offerings	Policy, Planning & Administration	42
Central Administration	i	12. TAWES THEATRE EVENTS	Special Education	43
Board of Regents	i	13. AMERICAN VIOLIN CONGRESS	Engineering	43
2. ON-CAMPUS HOUSING SCHEDULE	2	INTERNATIONAL PIANO FESTIVAL AND	Aerospace	43
3. TUITION AND FEES	3	WILLIAM KAPELL COMPETITION	Agricultural	43
Payment of Fees	3	CONSTITUTIONAL BICENTENNIAL	Chemical	43
4. DETERMINATION OF IN-STATE STATUS	3	14. MAPS	Civil	43
5. DIRECTORY OF INFORMATION		Area Resource Map	Co-operative Education	44
SERVICES	3	College Park Campus Map	Electrical	44
6. SUMMER REGISTRATION		15. FORM BOOKLET	Materials	45
Important Dates	4	The following forms are contained in the	Mechanical	45
Procedure Summary for Registration	4	booklet in the center of this catalog along	Nuclear	45
Mail-In Registration Procedures	5	with a return envelope for mail-in	Science	44
Walk-In Registration Procedures	5	registration purposes.	English	44
Late Registration	6	VISITING GRADUATE & ADVANCED	Entomology	46
Non-Standard Date Course Registration	6	SPECIAL STUDENT APPLICATION	Family and Community Development	46
Cancellation of Registration	6	SUMMER ONLY - READMIT	Food Science	46
Withdrawal from Summer School	6	SCHEDULE REQUEST FORM -	French	47
Requesting Refund of Tuition	6	SESSION I	Geography	47
Change of Address Procedure	6	ESTIMATED BILL FORM - SESSION I	Geology	48
7. ADMISSIONS		SESSION II	German	48
Undergraduates		ESTIMATED BILL FORM - SESSION II	Government and Politics	48
UMCP Students	8	HOUSING INFORMATION	Hebrew	49
Visiting Students	8	SUMMER RESIDENCE HALLS	Hearing and Speech Sciences	49
High School Juniors/Seniors	8	AGREEMENT	Health	50
Fall Admitted Students	8	17. SCHEDULE OF CLASSES	History	49
University College Students	8	Agricultural and Extension Education	Horticulture	50
Graduates		Agriculture	Housing and Applied Design	50
UM Students	9	Agriculture and Resource Economics	Institution Administration	50
New Degree and AGS Cert.	9	Agronomy	Italian	50
Advanced Special Studies	9	American Studies	Individual Studies	50
Visiting Graduate Students	9	Animal Sciences	Japanese	52
Special Summer Institute Participants	9	Anthropology	Journalism	52
Foreign Students	9	Applied Design	Latin	52
8. CHANGE OF COLLEGE/MAJOR		Applied Mathematics	Library Science	52
Graduate Programs	10	Architecture	Linguistics	53
Undergraduate College/Major	10	Art History	Marine Estuarine Environmental	
9. ACADEMIC INFORMATION		Art, Studio	Sciences	54
University Studies Program	12	Astronomy	Maryland English Institute	60
General University Requirements	14	Biochemistry	Mathematics	53
Academic Credit	14	Botany	Meteorology	54
Marking System	14	Business Management	Microbiology	54
Advanced Placement	15	Chemical Physics	Music	55
Code of Student Conduct	15	Chemistry	Music Education	54
Protection of Privacy	15	Chinese	Nutrition	55
Candidates for Degrees	15	Classics	Nutritional Science	55
Definition of Full-Time Status	15	Comparative Literature	Philosophy	56
Golden Identification Program	15	Computer Science	Physical Education	55
USP Advanced Studies	13	Consumer Economics	Physics	56
USP Distributive Studies	12	Co-operative Education Program	Psychology	57
10. GENERAL INFORMATION		Criminal Justice	Public Communication	55
Veterans Benefits	17	Criminology	Radio, Television and Film	58
Computer Science Center	17	Dance	Recreation	57
Summer Recreation Program	17	Economics	Slavic	58
Motor Vehicle Registration	19	Education	Sociology	58
Health Center	19	Curriculum & Instruction	Spanish	59
On-Campus Housing	19	Counseling and Personnel Services	Speech	59
Guest Services	19	Human Development	Statistics	59
Research Facilities	20	Textiles	Textiles	59
Dining Services	20	Textiles and Consumer Economics	Theatre	60
Disabled Student Services	20	Theatre	Urban Studies	60
Libraries	21	Urban Studies	Women's Studies	60
University Book Center	21	Zooology	Zooology	61
Retired Volunteer Corps	21			

The University reserves the right to change, eliminate, or modify course offerings and programs when in the judgements of the University authorities, circumstances make such action necessary.

SUMMER SESSIONS UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS

Two Six Week Sessions

SESSION I June 1 - July 10
SESSION II July 13 - August 21

Summer Sessions 1987

The University of Maryland at College Park offers a richly varied summer educational program to its continuing degree students and to qualified non-degree students for both graduate and undergraduate study. Students may select from over 1,000 courses representing 75 academic disciplines and a number of workshops and institutes designed to meet specific needs within disciplines. The summer sessions offer opportunities for degree students to accelerate completion of degrees, to make up deficiencies and requirements, and to broaden programs with studies which otherwise could not be fitted into their academic schedules.

The Summer Programs provide opportunities for non-degree students who may wish to test their abilities to pursue college level study or who may wish to indulge special academic interests. The professional or post-graduate student will find courses and workshops which permit updating of knowledge and techniques in specific disciplines within convenient schedules.

The summer faculty consists of distinguished members of the College Park faculty and outstanding visiting lecturers. In addition to academic studies the Summer Programs seek to provide a total university environment through varied and exciting recreational and cultural programs.

CAMPUS HOLIDAYS

Offices will be closed and there will be no classes.

Monday May 25
Friday July 3

ON-CAMPUS HOUSING SCHEDULE

March 16	Monday	Summer 1987 <i>Residence Halls Agreement</i> available at Department of Resident Life, 3117 North Administration (also at center of this catalog). Submission of housing Agreement by lottery deadline of May 1 is advised for higher priority for your assignment preferences.
May 11	Monday	Deadline for release from <i>Summer 1987 Residence Halls Agreement</i> for Session I without financial obligation; written cancellation must be received by Resident Life, 3117 North Administration Building.
May 31	Sunday	Residence halls open 12 noon for Session I only residents and for Session I and II residents to claim room assignments.
June 1	Monday	Room assignments in residence halls not claimed by 12 noon are forfeited. "No-show" cancellation charge equal to three weeks' housing cost (\$184.31) is assessed.
June 22	Monday	Deadline for release from <i>Summer 1987 Residence Hall Agreement</i> for Session II without financial obligation; written cancellation must be received by Resident Life, 3117 North Administration Building.
July 10	Friday	Residents not remaining in residence halls for Summer Session II must vacate by 7pm.
July 12	Sunday	Residence halls open 12 noon for Summer Session II only new students.
July 13	Monday	Room assignments in residence halls not claimed by 12 noon forfeited. "No-show" cancellation charge equal to three weeks' housing cost (\$184.31) is assessed.
August 21	Friday	Residence halls close 7pm. All residents must vacate their summer assignments. No on-campus housing available after 7pm., except as Fall Semester campus residents who have secured "interim" housing privileges.





TUITION AND FEES

ALL STUDENTS

Registration Fee per Session	5.00
Recreation Fee per Session	6.00
Student Health Fee per Session	5.00
Auxiliary Facilities Fee Per Session	6.00
Summer Vehicle Registration Fee, per vehicle (not charged if vehicle was registered for Fall or Spring Semester) Resident Student	7.00
Commuter Student	5.00
Each additional vehicle	10.00

UNDERGRADUATE STUDENTS

Tuition per Credit Hour	84.00
Non-resident Fee per Session (must be paid by all students who are not residents of Maryland)	20.00
Application Fee (New Students)	20.00

GRADUATE STUDENTS

Application Fee (Every student must be admitted)	20.00
Tuition per Credit Hour:	
Resident Student	99.00
Non-resident Student	176.00
Continuous Registration Fee (Doctoral Candidate)	10.00

ON-CAMPUS HOUSING

Per Six-Week Session	368.64
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OTHER FEES

Graduation Application Fee for Bachelor's Degree	15.00
Graduation Application Fee for Master's Degree	25.00
Graduation Application Fee for Doctor's Degree	50.00
Late Registration Fee	20.00
Service Charge for Dishonored Check (depending on amount of check) up to	20.00

Fees for auditors and courses taken for audit are the same as those charged for courses taken for credit at both undergraduate and graduate levels. Fees for altering academic programs are discussed in the section on Admissions and Registrations. **Although changes in fees and charges ordinarily will be announced in advance, the University reserves the right to make such changes without prior announcement.**



DETERMINATION OF IN-STATE STATUS FOR ADMISSION AND TUITION

The deadline for meeting all requirements for an in-state status and for submitting all documents for reclassification is the last day of late registration of the semester for which the student wishes to be classified as an in-state student.

DEADLINES

Summer Session I, 1987	June 5, 1987
Summer Session II, 1987	July 17, 1987

For further information:

Campus Classification Office
Frances Scott Key Hall
Room 1116
University of Maryland
College Park, Maryland 20742
(301) 454-3977

Payment of Fees

Returning students will not be permitted to complete registration until all financial obligations to the University including library fines, parking violation assessments and other penalty fees and service charges are paid in full.

Tuition and fees for summer school courses are due and payable in full at the time of registration. Students who fail to settle their account by 3:00 p.m. of the working day after they register will have their registration cancelled. The University sends bills to students for other financial obligations, i.e., parking tickets, library fines, etc., on a regular basis. A copy of the bill may be obtained by coming to Room 1103, South Administration Building, Monday through Friday, from 8:30 a.m. to 4:15 p.m.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check. In cases where the University has awarded a grant, scholarship, or workship, the appropriate amount will be deducted on the bill, mailed approximately one month after the start of the semester.

Students will be severed from University services for delinquent indebtedness to the University which occurs in a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. Students removed from housing because of delinquent indebtedness will be placed at the bottom of the waiting list after the financial obligation is satisfied and after reapplying for housing. Students who are severed from University services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to pre-register or register for subsequent semesters until the debt is cleared. In the event of actual registration in a subsequent semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester.

Severance Fee \$25.00. Students who fail to pay the balance due on their accounts will have their University services severed. In order to have the services restored, students will be required to pay the total amount due plus the \$25.00 Severance Fee.

In accordance with State law, the accounts of delinquent and severed students are referred to the State Central Collections Unit in Baltimore for collection and legal follow-up. Costs incurred in collecting delinquent accounts are charged to the student. Collection costs are normally 15% plus any attorney and/or court fees. Changes in Maryland law allow the central collection unit to block issuance of Maryland state income tax refunds for individuals with delinquent accounts. In addition, the State of Maryland has implemented a system whereby unpaid parking tickets issued on state property may result in the withholding of motor vehicle tags until such time as the tickets are paid.

No degree will be conferred, nor any diploma, certificate, or transcript of record issued to a student who has not made satisfactory settlement of his or her account.



DIRECTORY OF INFORMATION SERVICES

General Information	454-3311
Summer Programs Office	454-3347
Admissions	
Office of Undergraduate Admissions	
North Administration Building	454-5550
Graduate Admissions	
South Administration Building	454-3141
Graduate Records	454-5428
Housing	
Off-Campus	454-3645
On-Campus	454-2711
Registration	
North Administration Bldg	454-5559
Undergraduate Studies	454-2530
College of Agriculture	454-6332
College of Arts and Humanities	454-6790
College of Behavioral and Social Sciences	454-5272
College of Business and Management	454-4314
College of Computer, Mathematical and Physical Sciences	454-4906
College of Education	454-2011
College of Engineering	454-2421
College of Human Ecology	454-2136
College of Journalism	454-2228
College of Library and Information Services	454-5441
College of Life Sciences	454-6332
College of Physical Education, Recreation and Health	454-5616
Computer Science Center	454-4255
Institute of Criminal Justice and Criminology	454-4538
Institute of Urban Studies	454-5718
School of Architecture	454-3427
University College	985-7000

SUMMER SESSIONS IMPORTANT DATES

SUMMER SESSION I

March 30 - May 15 Mail-in Registration; Requests processed daily

March 30 - May 29 Walk-in Registration —9–11:45 am; 1–3 pm. Room 1130 North Administration Building

June 1 Classes begin.

June 1 - June 5 Late Registration (with a \$20.00 Late Fee).
Room 1130 North Administration Building

SUMMER SESSION II

March 30 - July 1 Mail-in Registration; Requests processed daily

March 30 - July 10 Walk-in Registration —9–11:45 am; 1–3pm.
Room 1130 North Administration Building

July 13 Classes begin.

July 13 - July 17 Late Registration (with a \$20.00 Late Fee)
Room 1130 North Administration Building

NOTE: The University will be closed May 25 for Memorial Day, and July 3 for Independence Day.

SUMMARY OF DEADLINES FOR SUMMER 1986

Type of Change	Last Day to Process Change	
	SS I	SS II
Add a course	June 5	July 17
Cancel Registration with 100% refund	May 29	July 10
Change Credit Level	June 5	July 17
Drop a course - Undergraduate Student without "W" Mark	June 5	July 17
with "W" Mark	June 25	August 6
Drop a course - Graduate Student (Graduate Student does not receive a "W" mark.)	June 25	August 6
Drop a course with a \$2.00 fee	June 25	August 6
Drop a course with (70%) refund	June 5	July 17
Change Grading Option	June 5	July 17
Process a Late Registration	June 5	July 17
Change Sections	July 10	August 21
Withdraw from all classes with 100% refund	May 29	July 10
Withdraw from all classes with 70% refund	June 5	July 17
Withdraw from all classes with 50% refund	June 12	July 24
Withdraw from all classes with 20% refund	June 19	July 31
Withdraw from all classes with 0% refund	July 10	August 21

NOTE:

Registration and Schedule Adjustment transactions are complete when payment has been made and the Registration Forms have been validated by the Registrations Office.

SUMMER 1987 REGISTRATION PROCEDURES

Note: LOCATION FOR REGISTRATION

All registration, drop, add, and section change activity will occur in the Registrations Office, Room 1130, North Administration Building. Payment must be made in the Bursar's Office, South Administration Building, at the time of registration.

Instructions are outlined below for both Mail-In and Walk-In registration methods.

Students are eligible to register if they were enrolled Spring 1987 or have processed admission or readmission forms:

Students registered at the College Park Campus for the Spring 1987 Semester should follow the registration procedures outlined below

Former students who were **not registered for the Spring 1987 Semester** must follow the readmission/reinstatement information on page 8 of the catalog before registering.

New students must read the admissions information on page 8 and 9 of the catalog before registering.

Payments must accompany all mail-in registrations.

A. WALK-IN REGISTRATION

WHO?

Any student eligible to attend the University of Maryland, College Park campus except: *Students owing an outstanding debt to the University.*

WHEN?**Summer Session I**

March 30 - May 29; 9:00-11:45 a.m.
1:00-3:00 p.m.

WHERE?

Registrations Office
Room 1130
North Administration Building

Summer Session II

March 30 - July 10; 9:00-11:45 a.m.
1:00-3:00 p.m.

HOW?

1. Go to Room 1130, North Administration Building, where you will receive confirmation of course availability. If admission or readmission action is necessary, you will be referred to the proper office.
2. **BY 3 PM OF THE NEXT WORKING DAY** pay your bill at:
The Bursar's Office, Room 1103, South Administration Building, between 9 a.m. and 3 p.m.
Obtain a copy of your current Student Account Receivable (SAR Account) and pay this amount plus your summer school bill at the Cashier's Office.
NOTE: If you have financial aid, go to the Financial Aid Office, North Administration Building, 2nd floor Counter, prior to going to the Bursar's Office.
3. Once your bill is paid at the Cashier's Office, you will receive course verification and a validated ID for the summer.

STUDENTS WHO DO NOT GO TO THE BURSAR'S OFFICE BY 3 PM OF THE NEXT WORKING DAY AND PAY THEIR BILL WILL HAVE COURSE REQUESTS CANCELLED. PAYMENTS MADE ON OR AFTER JUNE 1 FOR SSI AND JULY 13 FOR SSII WILL HAVE A \$20 LATE FEE ASSESSED.

B. MAIL-IN REGISTRATION

WHO?

Any student eligible to attend the University of Maryland, College Park Campus except: *Students owing an outstanding debt to the University.*

WHEN?

Must be postmarked from:
March 30 - May 15 for Summer Session I.
March 30 - July 1 for Summer Session II.

WHERE?

All materials should be returned to:
Office of the Bursar, South Administration Building
University of Maryland
College Park, Maryland 20742

A return envelope is provided in the center of this catalog for your convenience.

HOW?

1. Complete the Schedule Request and Estimated Bill Form in the center of this catalog for the session you wish to attend.
USE ONE FORM FOR EACH SESSION.
2. Return the following in the enclosed envelope:
 - a. Schedule Request and Estimated Bill Form(s)
 - b. Admission Application, if necessary
 - c. Check made payable to the UNIVERSITY OF MARYLAND. Write your SOCIAL SECURITY NUMBER on the check.
3. Confirmation of your requested schedule and a Summer ID card will be sent to you by mail. If confirmation is not received within 2 weeks, please call the Office of Registrations, 454-5225, for immediate assistance.
4. The Office of the Bursar will notify you of any incorrect payments or adjustments to your account, such as additional charges, refunds, and credits.
5. Any outstanding debt to the University will be deducted from payment submitted and the remainder applied to your summer school charges.

PLEASE NOTE: Registration material received by mail will be returned to the sender if information is incomplete, and your registration will be voided.

LATE REGISTRATION

SUMMER SESSION I—A late fee of \$20.00 is assessed for registration on or after the first day of instruction, June 1. Special permission of the dean must be obtained prior to registration after June 5.

SUMMER SESSION II—A late fee of \$20.00 is assessed for registration on or after the first day of instruction, July 13. Special permission of the dean must be obtained prior to registration after July 17.

PROCEDURES:

- Go to Room 1130, North Administration Building, where you will receive confirmation of course availability. If admission or readmission action is necessary, you will be referred to the proper office.
- BY 3 P.M. OF THE NEXT WORKING DAY pay your bill at:
The Bursar's Office, Room 1103, South Administration Building, between 9 a.m. and 3 p.m. Obtain a copy of your current Student Account Receivable (SAR Account) and pay this amount plus your summer school bill at the Cashier's Office.

NOTE: If you have financial aid, go to the Financial Aid Office, North Administration Building, 2nd floor counter, prior to going to the Bursar's Office.

- Once your bill is paid at the Cashier's Office, you will receive course verification and a validated ID for the summer.

STUDENTS WHO DO NOT GO TO THE BURSAR'S OFFICE BY 3 PM OF THE NEXT WORKING DAY AND PAY THEIR BILL WILL HAVE COURSE REQUESTS CANCELLED. PAYMENTS MADE ON OR AFTER JUNE 1 FOR SUMMER SESSION I OR JULY 13 FOR SUMMER SESSION II WILL HAVE A \$20 LATE FEE ASSESSED.

COURSE REGISTRATION IS ONLY COMPLETE AND OFFICIAL WHEN ALL FEES ARE PAID.

NONSTANDARD DATE COURSE REGISTRATION

Courses which vary in beginning dates from the starting dates for each Summer Session will be available for registration at the normal registration period for each session. Additionally, registration will be available on the first day of each class or an alternate day if requested by the department or instructor. Courses which vary in length from the regular Summer Session will have late registration, schedule adjustment, and other dates adjusted proportionally to the length of the course. In these instances students are urged to contact the department or instructor for information. Grades for nonstandard date courses ending after the regular session in which they begin will be posted after the regular session grade reports are mailed. Students desiring official notification of grades in these courses should request an unofficial transcript approximately two (2) weeks after the course ends. Instructors of these courses will receive information on various deadlines. Please check with the department in late spring 1987 concerning specific questions.

CANCELLATION OF SUMMER SCHOOL REGISTRATION

Students who register and later decide not to attend the University must **cancel** their registration **prior to the first day of classes**. Failure to cancel registration will result in financial obligation to the University even though the student does not attend class. Cancellation requests must be received in writing. All requests should be sent by **Registered Mail** to:

OFFICE OF REGISTRATIONS
Rm 1130, NORTH ADMINISTRATION BLDG
UNIVERSITY OF MARYLAND
COLLEGE-PARK, MD. 20742

WITHDRAWAL FROM SUMMER SCHOOL

Students who wish to terminate their registration on or after the first day of classes must **WITHDRAW**. This applies to all students regardless of the number of courses or credits for which they are enrolled.

- Students withdrawing from a Summer Session must complete a Withdrawal Form which may be obtained at Room 1101, North Administration Building.
- Withdrawal becomes effective on the date the form is filed with the Records Office.
- Registration, Recreation and Health Fees are not refundable.

The chart below indicates the percentage of tuition which will be credited upon withdrawal.

SUMMER SESSION I	
June 1-5	70%
June 8-12	50%
June 15-19	20%
June 22	00%
SUMMER SESSION II	
July 13-17	70%
July 20-24	50%
July 27-31	20%
Aug. 3	00%

Withdrawals from workshops or institutes must be effected prior to the first day of the workshop in order to receive a refund. After a workshop has begun no refund will be granted.

WITHDRAWAL FROM SUMMER SESSIONS DOES NOT AFFECT REGISTRATIONS FOR FALL SEMESTER 1987 COURSES

REQUESTING REFUND OF TUITION

To obtain a refund of a credit balance, a STUDENT must request the refund in writing. This can be done by (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, MD 20742, or (2) completing a request for refund form available at the Student counter, 1103 South Administration Building or the Records or Current Registrations Office, first floor, North Administration Building. **NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED.** Approximately 6 to 8 weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from the state Treasurer's Office in Annapolis. **THE CHECK WILL BE MADE PAYABLE TO THE STUDENT** and mailed to the address requested by the student on the refund form. Refund checks will not be mailed to a campus address.

CHANGE OF ADDRESS PROCEDURE Changes in either local mailing address or permanent address can be processed **AT ANYTIME DURING THE SEMESTER IN WHICH THEY OCCUR**. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

- Office of the Bursar, Address Unit, South Administration Building, Room 1121 or 1103, 8:30 a.m. to 4:15p.m., Monday-Friday.
- Registrations Counter, North Administration Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday.
- Deans' Offices, 8:30 a.m.-4:30 p.m., Monday-Friday.
- STAR CENTER, Student Union, Room 1122, 9:00 a.m.-4:00 p.m., Monday-Friday.

Since many University communications to students are handled through the mail, it is imperative that accurate, and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.



*Pianist **John Browning**, described as "a poet of extraordinary expressive powers" (Milwaukee Sentinel) appears at the Piano Festival on Wednesday, July 15.*

UNDERGRADUATE ADMISSION INFORMATION

The following is designed to help you, the prospective summer school student, to determine how or whether to use the admission application found in this catalog. *Registration information is on pages 4-6. "Summer Only" admission and registration forms are in center section form booklet.*

IF YOU ARE NEW TO UMCP...

AND ARE A:

ADMISSION REQUIREMENTS AND PROCEDURES

- | | |
|--|--|
| <p>1. VISITOR from another college or university including UMBC and UMES:</p> | <ul style="list-style-type: none"> - Complete enclosed undergraduate application - Must be in good standing at parent institution - If you are on an F-1 visa a letter of permission is required - A non-refundable \$20 application fee is required, if you have never enrolled at any campus of the University of Maryland - No transcripts required - It is your responsibility to verify acceptability by parent institution of credits earned at UMCP |
| <p>2. UNIVERSITY COLLEGE student:</p> | <ul style="list-style-type: none"> - Must present letter of permission from UMUC to register - No application required - No transcripts required |
| <p>3. GRADUATE FROM ANOTHER COLLEGE OR UNIVERSITY:</p> | <ul style="list-style-type: none"> - Complete enclosed undergraduate application - A non-refundable \$20 application fee is required if you have never enrolled at any campus of the University of Maryland - No transcripts are required * See Graduate Study if wishing to attempt graduate level (500-above) courses |
| <p>4. TEACHER SEEKING CERTIFICATION FOR PROFESSIONAL ADVANCEMENT including those who have been admitted for a previous summer term as "term only" and those who have never been enrolled at UMCP:</p> | <ul style="list-style-type: none"> - Same as in number 3 above. |
| <p>5. HIGH SCHOOL GRADUATE:</p> | <ul style="list-style-type: none"> - Must have a minimum of a "C" average in academic subjects - Complete enclosed undergraduate application - A non-refundable \$20 application fee is required if you have never enrolled at any campus of the University of Maryland - No transcripts required * Full admission is prerequisite for Fall 1987 enrollment. Please visit the Office of Undergraduate Admission, Lower Level, North Administration Building. |
| <p>6. HIGH SCHOOL STUDENT ENTERING YOUR JUNIOR OR SENIOR YEAR:</p> | <ul style="list-style-type: none"> - Must have a minimum of a "B" average - Complete regular admission application obtainable from Office of Undergraduate Admissions, Lower Level, North Administration Building. - High School transcripts required - A non-refundable \$20 application fee is required if you have never enrolled at any campus of the University of Maryland. |
| <p>7. NEWLY ADMITTED FALL 1987 STUDENT:</p> | <ul style="list-style-type: none"> - no application required - must present letter of admission for Fall, 1987 |

IF YOU ARE A UMCP STUDENT OR A FORMER UMCP STUDENT...

AND:

ADMISSION REQUIREMENTS AND PROCEDURES

- | | |
|--|--|
| <p>1. Attended UMCP previously as a "Term Only" registrant...
Must present letter of readmission to register.</p> | <ul style="list-style-type: none"> - Complete enclosed undergraduate application |
| <p>2. You were <i>not</i> enrolled the Spring 1987 semester and you are in good academic standing, or on academic probation and did not withdraw your last semester...
Must present letter of readmission to register.</p> | <ul style="list-style-type: none"> - Complete enclosed undergraduate application |
| <p>3. Attended UMCP this past Spring 1987 semester and you were <i>not</i> academically dismissed (this includes students who graduated May 1987)
Must present ID card to register.</p> | <ul style="list-style-type: none"> - No application required for Summer Session registration - You will be notified of summer session eligibility by the enrollment office. |
| <p>4. Attended UMCP Spring 1987 semester and either <i>withdrew</i> or you were <i>academically dismissed at the end of Spring 1987</i>
Must present ID card to register</p> | <ul style="list-style-type: none"> - No application required for Summer Session registration * However, reinstatement is a prerequisite for Fall 1987 registration |
| <p>5. Were dismissed or withdrew from UMCP prior to the Spring 1987 semester (and did not attend Spring 1987)</p> | <ul style="list-style-type: none"> - Must be reinstated through Reenrollment Office, Office of Undergraduate Admissions, Lower Level, North Administration Building, by below deadlines:
For Summer Session I - April 15, 1987
For Summer Session II - May 15, 1987 |

GRADUATE ADMISSIONS INFORMATION

Registration information is on pages 4-6. Summer Only forms for admission and registration are in the center section form booklet.

The "Summer Only" application is designed for first-time, non-degree students in the following categories:

Admission Status

ADVANCED SPECIAL STUDENTS

(first enrollment on campus)

Advanced Special Student Status is not intended as a qualifying program for degree programs. If the student is subsequently accepted for degree or certificate study, no more than 6 credits earned in the Advanced Special Student Status may be applicable to the new program with the approval of the departmental faculty.

ADVANCED SPECIAL STUDENTS

(Previously enrolled on campus—graduate admission no longer valid)

SPECIAL SUMMER INSTITUTE PARTICIPANTS

VISITING GRADUATE STUDENTS

(Other Colleges and Universities)

Admission Requirements and Procedures

- complete the enclosed application
- submit \$20 application fee
- meet one of the following criteria
 - a. Hold a baccalaureate degree from a regionally accredited institution with an overall "B" (3.0) average (official transcript required).
 - b. Hold a master's or doctoral degree from a regionally accredited institution (official transcript required).
 - c. Hold a baccalaureate degree from a regionally accredited institution and have at least four years of successful post-baccalaureate work or professional experience (official transcript required).
 - d. Achieve a score that places the applicant in the upper 50 percentile of appropriate national standardized aptitude examinations such as the Graduate Record Examination, The Miller Analogies Test, the Graduate Management Admissions Test (Official test transcripts are required).

- complete the enclosed application

- contact institute director for special procedures

- complete the enclosed application
- provide letter of permission from parent institution
- submit \$20 application fee

The "Summer Only" application in this booklet is NOT appropriate for the following students:

VISITING GRADUATE STUDENTS

(Other campuses of the University of Maryland)

- no application required
- obtain intercampus registration form from your Graduate Dean
- obtain necessary authorizations on the home campus, then proceed to UMCP Graduate School for clearance

CURRENT UMCP GRADUATE STUDENT IN GOOD STANDING

- no application required

UMCP GRADUATE STUDENT—TIME LIMITS EXPIRED

- contact academic advisor to discuss possibilities for an extension

UMCP GRADUATE STUDENT WHO WISHES TO CHANGE PROGRAM/DEPARTMENT OR DEGREE REQUIREMENTS

- must file regular Graduate School application
- must meet departmental requirements and deadlines

APPLICANTS FOR DEGREE PROGRAMS WHO WISH TO BEGIN STUDY IN SUMMER SESSION

- must file regular Graduate School application
- must meet departmental requirements and deadlines
- must submit \$20 application fee

If you do not find a situation listed above that is applicable to you, or if you need additional information, write or call:

THE GRADUATE SCHOOL
South Administration Building
University of Maryland
College Park, Maryland 20742
(301) 454-3141

FOREIGN STUDENTS ADMISSION INFORMATION

Students on F-1 (student) visas who wish to attend the University of Maryland, College Park, for the Summer Sessions only must present a letter from the Dean/Chairperson of their academic department at the college or university that they are currently attending. The letter should state the institution is aware that the student is applying to UMCP's Summer Session and will return to the same institution in the Fall term. Before applying for Summer School only, foreign students must be enrolled in an academic program at another degree institution, not in an English as a Second Language program.

Foreign students on F-1 (student) status who wish to apply to begin their studies at the University of Maryland, College Park on a full-time degree-seeking basis must apply for the fall semester. If their admission is completed prior to the beginning of the Summer Session, undergraduate foreign students already in the U.S. may use their fall letter of admission to enroll in coursework offered during the Summer Sessions. Graduate foreign students should contact the Graduate School in the South Administration Building prior to registration.

COLLEGE/MAJOR (COURSE OF STUDY)

UNDERGRADUATE STUDENTS ONLY:

College and Major (Course of Study) changes may be made at any time, the only restrictions being Board of Regents limitations on enrollment.

If you wish to initiate a change in your College and/or Major (Course of Study):

1. Go to a College office or the Registrations Office, first floor lobby, North Administration Building, to obtain the College/Major (Course of Study) Change Form. College office locations are listed below.
2. Complete the information requested on the form. (All necessary information is on the form.)
3. Take the completed form to your new College if you are changing Colleges. If you are changing Major (Course of Study) only, take completed form to your present College.

College	Location
Agriculture	1116 Symons
Allied Health	2106 Turner
Architecture	1204 Architecture
Arts & Humanities	1111 Francis Scott Key
Behavioral & Social Sciences	2115 Tydings
Business & Management	2136 Tydings
Education	1210 Education
Engineering	1131 Engr. Classroom Bldg.
General Studies/Individual Studies	1115 Hornbake Library
Human Ecology	1100 Marie Mount Hall
Journalism	2109 Journalism
Library & Information Services	4105 Hornbake Library
Life Sciences	1110 Symons
Mathematical & Physical Sciences	2300 Math
Physical Education, Recreation & Health	3310 Physical Education, Recreation & Health Building
Undergraduate Studies-	1117 Hornbake Library
"Undecided" Undergraduates	

GRADUATE PROGRAMS

The Graduate School offers degree programs at both the master's and doctoral level, as well as professional certificates in selected fields. Listed below are the current graduate departments and programs at College Park. People interested in information about any of these programs and the degrees offered should contact the individual department by addressing an inquiry to: Graduate Director, Department of _____, University of Maryland, College Park, Maryland 20742. Application forms for regular degree programs may be obtained from the Graduate School or the department. Catalogs may be ordered from:

University Book Store
Adele Stamp Union
UMCP
College Park, Maryland 20742

Please enclose \$2.50 to cover postage and handling. Visitors to the campus may pick up a free copy at the Graduate School, 2133 South Administration Building.

N.B. If you wish to change programs or degree objectives, you must submit a new application to the Graduate School. Current deadlines for new applications apply.

Animal Sciences	Administration	Journalism
Agricultural & Extension Education	Special Education	Library & Information Services
Agronomy	Aerospace Engineering	Linguistics
American Studies	Agricultural Engineering	Business and Management/Law
Anthropology	Civil Engineering	Applied Mathematics
Architecture	Chemical Engineering	Mathematics
Agricultural & Resource Economics	Electrical Engineering	Marine Estuarine and Environmental Science
Art	English Language & Literature	Meteorology
Astronomy	Engineering Materials	Microbiology
Biochemistry	Mechanical Engineering	Music
Botany	Nuclear Engineering	Nutritional Sciences
Business and Management	Entomology	Public Communications
Business and Management/Public Management	Food Science	Physical Education
Chemistry	Family & Community Development	Philosophy
Chemical Physics	Food, Nutrition and Institutional Administration	Physics
Classics	French Language and Literature	Policy Studies
Comparative Literature	Geography	Poultry Science
Communication, Arts & Theatre	Geology	Psychology
Computer Science	Geography/Library and Information Services	Public Management
Criminal Justice and Criminology	German Language & Literature	Public Management/Law
Dairy Science	Government & Politics	Public Policy
Economics	Hearing and Speech Science	Recreation
Curriculum & Instruction	History/Library and Information Services	Sociology
Counseling and Personnel Services	History	Spanish Language & Literature
Human Development Education	Health Education	Mathematical Statistics
Industrial, Technological and Occupational Education	Horticulture	Textiles & Consumer Economics
Measurement & Statistics		Urban Studies
Education Policy, Planning		Zoology



MARIN ALSOP will lead the STRING FEVER ensemble in a jazz concert on June 11 at Tawes Theatre in connection with THE FIRST AMERICAN VIOLIN CONGRESS

ACADEMIC INFORMATION

The information given below is taken from *Academic Regulations*, a complete statement of which may be found in the Undergraduate and Graduate catalogs.

THE UNIVERSITY STUDIES PROGRAM

Virtually all American colleges and universities ask that students receiving a baccalaureate degree complete a common set of requirements. These common requirements are usually referred to by the generic term "general education." General education requirements represent a faculty's definition of the knowledge, awareness and skills that all graduates should possess before that faculty will give its consent to the awarding of a degree. General education is that portion of the degree requirements in which the entire faculty has a concern.

The University Studies Program is the general education requirement at the University of Maryland, College Park. This program must be completed by all students who began baccalaureate study after May, 1980. It is intended to provide students with the intellectual skills and conceptual background basic to an understanding of the universe, society and themselves. The focus is not on any particular bodies of knowledge, for almost any subject matter can lead to an awareness of general modes of understanding the world. Thus, for example, it does not matter whether the student studies physics or botany as long as he or she comes away from the course with some understanding of the power of the empirical investigation that characterizes science.

The University Studies Program has three parts. The "Fundamental Studies" section of the program is intended to establish the student's ability to participate in the discourse of the university through demonstrated mastery of written English and mathematics. Those requirements are to be completed early in the student's program in order to serve as a foundation for subsequent work.

The "Distributive Studies" requirement is intended, through study in particular disciplines, to acquaint students with the different ways of analyzing and talking about the world that characterize the three areas into which the university's knowledge is traditionally divided: the physical and biological sciences, the social and behavioral sciences, and the arts and humanities. The fourth category, "History and Culture," includes courses that lead to the consideration of historical and cultural differences and the relationship of our own society to those of other times and places.

In fulfilling "Distributive Studies" requirements, students will have gained some experience of the way in which scholars in different kinds of disciplines make and organize observations about the world and arrive at general statements. It is the purpose of "Advanced Studies" courses to show how these different intellectual approaches match with each other or may be used in complementary ways to analyze and solve problems. "Development of Knowledge" courses deal with the basis upon which people who use these different approaches claim to know something and the different kinds of insights to which these intellectual strategies lead. "Analysis of Human Problems" courses consider these matters in terms of specific cultural, social, scientific or aesthetic problems which may be approached from several points of view.

The University Studies requirements, designed to be spread throughout the student's four years, represent a third of the total academic work required for graduation. It is the purpose of this program, in combination with the extensive work of the major, to help prepare students to become productive, aware and sensitive members of society, capable of understanding their world and the many kinds of people in it and of taking responsibility for their own decisions and their own lives.

OUTLINE OF THE PROGRAM

These requirements are effective for students beginning baccalaureate study in May, 1980 or thereafter.

- I. FUNDAMENTAL STUDIES - 9 credits. (Except for ENGL 391 or 393, this requirement must be attempted by the time the student has completed 30 credit hours and passed successfully by the time the student has completed 60 credit hours.)
 - A. English Composition - 6 credits.
 1. ENGL 101 - 3 credits.
 - a. Students with TSWE scores below 33 take ENGL 104-105-106 (1 credit each)

- b. Students with SAT verbal scores of 600 or above are exempt.
- c. Students with AP scores of 4 or 5, or an AP of 3 plus SAT verbal scores of 600 or above are exempt and earn 3 credits for ENGL 101 and 3 credits for ENGL 102.
2. ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) - 3 credits
 - a. Must be taken *after* the student has completed 56 credit hours (i.e., has reached junior standing).
 - b. Students with SAT verbal scores of 700 or above or a grade of A in ENGL 101 or AP scores of 4 or 5 are exempt.
- B. Mathematics - 3 credits.
 - Math 110 (or the modular equivalent Math 102-3-4) or MATH 115.
 1. Students with the following minimum examination scores or higher are exempt:
 - a. SAT: 600
 - b. College Board Achievement Tests in Mathematics, Level I or II: 600
 - c. Advanced Placement Examinations, Calculus AB or BC: 3
 - d. Any CLEP *Subject Examination in Mathematics*: 60
 2. Successful completion of any of the following entry level courses higher than
 - MATH 110: MATH 111,140,141,150,151, 220,221,240, 241,246,250,251; STAT 100,250.

II. DISTRIBUTIVE STUDIES - minimum: 24 credits.

- A. Culture and History (min: 6 credits, 2 courses)
- B. Natural Sciences and Mathematics (2 cr., 2 courses)
 - One course must be a laboratory science.
- C. Literature and the Arts (min: 6 credits, 2 courses)
 - Courses must be taken in two different departments, except honors courses.
- D. Social and Behavioral Sciences (min: 6 credits, 2 courses)

III. ADVANCED STUDIES - 6 credits.

This requirement may be fulfilled only *after* the student has completed 56 credit hours. It is intended that, in fulfilling this requirement, students choose courses that offer a contrast to the major rather than supplementing it. Courses to fulfill these requirements must be from *two different* units outside the department of the student's major.

- A. The Development of Knowledge (1 course; 3 credits)
 - Courses which focus on the creation, discovery, exploration, testing and evaluation of knowledge in one or more disciplines.
- B. The Analysis of Human Problems (1 course; 3 credits)
 - Courses which focus on the application of knowledge from one or more disciplines to the study of important human problems.

Courses to meet these requirements may be chosen from the following list. Consult the *Schedule of Classes* for course descriptions. For a complete listing of all USP courses see the Undergraduate Catalog and/or the Spring *Schedule of Classes*.

Distributive Studies (A) Cultural and Historical—Approved Courses

CHIN 101	Elementary Chinese I
CHIN 102	Elementary Spoken Chinese
CHIN 103	Elementary Written Chinese
CLAS 170	Greek and Roman Mythology
FMCD 330	Family Patterns
FREN 101	Elementary French I
FREN 102	Elementary French II
FREN 103	Review of Elementary French
FREN 104	Intermediate French
GEOG 150	World Cities
GEOG 202	The World in Cultural Perspective
GERM 101	Elementary German I
GERM 102	Elementary German II
GERM 104	Intermediate German
GVPT 240	Political Ideologies
HIST 130	The Ancient World
HIST 133	Modern Europe
HIST 156	History of the United States to 1865
HIST 200	Introduction to the History of Science
HIST 236	History of Britain, 1688 to the Present
HIST 237	Russian Civilization
ITAL 101	Elementary Italian I
ITAL 102	Elementary Italian II
JAPN 101	Elementary Japanese I
JAPN 102	Elementary Japanese II
LATN 120	Intensive Latin

PHIL 100	Introduction to Philosophy
PHIL 250	Philosophy of Science I
SLAV 101	Elementary Russian I
SLAV 102	Elementary Russian II
SLAV 104	Intermediate Russian
SPAN 101	Elementary Spanish I
SPAN 102	Elementary Spanish II
SPAN 203	Intermediate Spanish
SPAN 204	Review of Oral and Written Spanish
SPAN 311	Advanced Conversation I
SPAN 312	Advanced Conversation II
TEXT 347	History of Costume II
TEXT 363	History of Textiles
THET 110	Introduction to the Theatre
THET 310	The American Theatre

**Distributive Studies (B) Natural Sciences and Mathematics—
Approved Courses**

Lab Sciences

ASTR 100	Introduction to Astronomy
ASTR 110	Astronomy Laboratory
BOTM 100	General Botany for Non-Science Students
CHEM 103	General Chemistry I
CHEM 104	Fundamentals of Organic and Biochemistry
CHEM 113	General Chemistry II
ENES 121A	The Man-made World
ENTM 100	Insects
GEOL 100	Physical Geology
MICB 200	General Microbiology
PHED 360	Physiology of Exercise
PHYS 121	Fundamentals of Physics I
PHYS 122	Fundamentals of Physics II
PHYS 262	General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
ZOOL 101	General Zoology
ZOOL 210	Animal Diversity

Non-Lab Sciences and Mathematics

ASTR 100	Introduction to Astronomy
ENES 121A	The Man-Made World
ENTM 100	Insects
GEOL 100	Physical Geology
MATH 111	Introduction to Mathematics II
MATH 140	Calculus I
MATH 141	Calculus II
MATH 210	Elements of Mathematics
MATH 211	Elements of Geometry
MATH 220	Elementary Calculus I
MATH 221	Elementary Calculus II
MATH 240	Introduction to Linear Algebra
MATH 241	Calculus III
MATH 246	Differential Equations for Scientists and Engineers
NUTR 100	Elements of Nutrition
PHYS 161	General Physics
SOCY 201	Introductory Statistics for Sociology

**Distributive Studies (C) Literature and the Arts—Approved
Courses (must be taken in two different departments)**

APDS 104	Survey of Design History
ARCH 170	Introduction to the Built Environment
ARCH 222	History of Western Architecture
ARTH 100	Introduction to Art
ARTH 260	History of Art I
ARTH 261	History of Art II
DANC 200	Introduction to Dance
ENGL 201	World Literature
ENGL 205	Introduction to Shakespeare
ENGL 222	American Literature
ENGL 246	The Short Story
ENGL 304	The Major Works of Shakespeare
MUSC 130	Survey of Music Literature
RTVF 314	Introduction to the Film
SPAN 221	Readings in Spanish
SPAN 321	Survey of Spanish Literature
THET 110	Introduction to the Theatre
WMST 250	Introduction to Women's Studies

**Distributive Studies (D) Social and Behavioral Sciences—
Approved Courses**

AMST 203	Popular Culture in America
CJUS 100	Introduction to Law Enforcement
CNEC 100	Introduction to Consumer Economics
CRIM 220	Criminology
ECON 201	Principles of Economics I
ECON 203	Principles of Economics II
ECON 205	Fundamentals of Economics
ECON 310	Evolution of Modern Capitalism in Western Europe and United States
EDHD 306	A Study of Human Behavior
EDPA 201	Education in Contemporary American Society

FMCD 201	Concepts in Community Development
FMCD 205	Decision Making in Families and Communities
FOOD 110	Food for People
GEOG 100	Introduction to Geography
GEOG 130	Developing Countries
GEOG 203	Economic Geography
GVPT 100	Principles of Government and Politics
GVPT 170	American Government
GVPT 300	International Political Relations
HESP 120	Introduction to Linguistics
HIST 157	History of the US Since 1865
HLTH 230	Introduction to Health Behavior
HLTH 285	Controlling Stress and Tension
JOUR 100	Introduction to Mass Communication
PHED 350	Psychology of Sport
PHED 385	Motor Learning and Skilled Performance
PHIL 140	Contemporary Moral Issues
PSYC 100	Introduction to Psychology
PSYC 310	Perception
PSYC 331	Introduction to Abnormal Psychology
PSYC 335	Personality and Adjustment
PSYC 355	Child Psychology
RECR 130	History and Introduction to Recreation
RTVF 124	Mass Communication in 20th Century Society
SOCY 100	Introduction to Sociology
SOCY 105	Introduction to Contemporary Social Problems
SOCY 300	American Society
URBS 100	Introduction to Interdisciplinary Urban Studies

Advanced Studies Development of Knowledge

AMST 428A	American Cultural Eras: Social Dramas in American Cultural History
ANTH 401	Cultural Anthropology: Principles and Process
ASTR 330	Solar System Astronomy
ASTR 380	Life in the Universe
ECON 402	Business Cycles
EDCI 488N	Learning Styles and Learning Environments
EDMS 451	Introduction to Educational Statistics
ENGL 379E	Special Topics in Literature: Film Analysis—The Rhetoric of Fictional Worlds
ENGL 379J	Special Topics in Literature: Interpreting the Bible
ENGL 420	Literature of the Romantic Period
ENGL 453	Literary Criticism
ENGL 489A	Special Topics in English Language: The Language of Advertising
GVPT 442	History of Political Theory—Modern and Recent
MATH 406	Introduction to Number Theory
PHIL 331	Philosophy of Art
PHIL 447	Philosophy of Law
PHYS 420	Principles of Modern Physics
THET 495	History of Theatrical Theory and Criticism
WMST 400	Theories of Feminism

Advanced Studies Analysis of Human Problems

AMST 428B	American Cultural Eras: American Film Culture in the 1960's
AREC 365	World Hunger, Population, Food Supplies and Public Policy
CLAS 374	Greek Tragedy in Translation
CNEC 410	Consumer Finance
CNEC 431	The Consumer and the Law
CNEC 437	Consumer Behavior
ECON 415	Introduction to Economic Development of Underdeveloped Areas
EDCI 381	The Parental Role in the Educative Process
EDCP 420	Education and Racism
EDHD 413	Adolescent Development
EDHD 445	Guidance of Young Children
EDIT 476	Application of Technology to Societal Problems
EDPA 400	The Future of the Human Community
EDPA 488G	Technology, Social Change and Education
FMCD 381	Poverty and Affluence Among Families and Communities
FMCD 431	Family Crisis and Intervention
FMCD 487	Legal Aspects of Family Problems
FMCD 497	The Child and the Law
FREN 478C	Themes and Movements of French Literature in Translation
FREN 479A	Masterworks of French Literature in Translation: The Age of Anxiety
GEOG 434	Agricultural and Rural Development
GVPT 457	American Foreign Relations
HIST 312A	Crisis and Change in the United States
HIST 314A	Crisis and Change in the Middle East and Africa
SOCY 305	Scarcity and Modern Society
SOCY 325	Sex Roles
SPCH 425	Communication and Sex Roles

GENERAL UNIVERSITY REQUIREMENTS

Students who began baccalaureate study prior to May, 1980 may elect to complete these requirements rather than the University Studies Program requirements (see above).

In order to provide educational breadth for all students, there have been established the General University Requirements. These requirements consist of 30 semester hours of credit distributed among the three areas listed below. (For an exception to this regulation, see the Bachelor of General Studies Program, General Undergraduate Catalog.) At least 6 hours must be taken in each area. At least 9 of the 30 hours must be taken at the 300 level or above. None of the 30 hours may be counted toward published departmental, college or divisional requirements for a degree. Area A: 6-12 hours elected in the Divisions of Agricultural and Life Sciences; Mathematical and Physical Sciences and Engineering. Area B: 6-12 hours in the Divisions of Behavioral and Social Sciences; and Human and Community Resources. Area C: 6-12 hours in the Division of Arts and Humanities.

In meeting these area requirements, students may choose from among any undergraduate courses for which they are qualified. The students may select either the pass-fail or letter grading option for these courses as outlined on page 32. Students are urged to consult with academic advisors for guidance in determining which courses in each area best fit individual needs and interests.

Demonstration of competency in English composition: unless the student has been exempted from English composition, at least one course in the subject will be required. Exemption is granted if the student earns an acceptable score on the SAT Verbal test (score announced annually) or an acceptable score on the English Advanced Placement Test (score announced annually), or by satisfactory completion of a similar writing course at another institution.

Students taking a course to satisfy this requirement may apply the credits toward the 30-hour General University Requirement but may not count these credits toward the satisfaction of the minimum 6-hour requirement in any of the three designated areas. Credit for such a course may be in addition to the 12-hour maximum in any area.

NOTE: Students who began baccalaureate study after May, 1978 must complete the English composition requirement specified in the Fundamental Studies section of the University Studies Program (see above). Only three hours of this six hour requirement may be used to satisfy General University Requirements.

Students who entered the University prior to June, 1973 have the option of completing requirements under the former General Education Program rather than the new General University Requirements. Each student is responsible for making certain that the various provisions of either set of requirements have been satisfied prior to certification for the degree. Assistance and advice may be obtained from the academic advisor or the Office of the Administrative Dean for Undergraduate Studies.

ACADEMIC CREDIT

The semester hour is the unit of credit. During the Summer Session a typical 3 credit hour course meets five times a week for six weeks and requires daily preparation. 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 summer courses. Each student is responsible for the determination of applicability of courses selected to the degree program and is urged to consult a summer academic advisor.

All students enrolled for credit will receive an official grade for each course.

MARKING SYSTEM

- The following symbols are used on the student's permanent record for all courses in which enrollment is continued after the initial registration and schedule adjustment period: A, B, C, D, F, I, P, S, and W. These marks remain as part of the student's permanent record and may only be changed by the original instructor on certification, approved by the department chairman and the dean or provost, that an actual mistake was made in determining or recording the grade.
- The **mark of A** denotes excellent mastery of the subject. It denotes outstanding scholarship. In computations of cumulative or semester averages, a mark of A will be assigned a value of 4 quality points per credit hour.
- The **mark of B** denotes good mastery of the subject. It denotes good scholarship. In computation of cumulative or semester averages a mark of B will be assigned 3 quality points per credit hour.

- The **mark of C** denotes acceptable mastery. It denotes the usual achievement expected. In computation of cumulative or semester averages a mark of C will be assigned a value of 2 quality points per credit hour.
- The **mark of D** denotes borderline understanding of the subject. It denotes marginal performance, and it does not represent satisfactory progress toward a degree. In computations of cumulative or semester averages a mark of D will be assigned a value of 1 quality point per credit hour.
- The **mark of F** denotes failure to understand the subject. It denotes unsatisfactory performance. In computations of cumulative or semester averages a mark of F will be assigned a value of 0 quality points per credit hour.
- The **mark of P** is a student option mark equivalent to A, B, C, or D. (See **Pass-Fail** option below.) The student must inform the Office of Registrations of his selection of this option by the end of the schedule adjustment period. In computation of cumulative averages a mark of P will not be included. In computation of quality points achieved for a semester, a mark of P will be assigned a value of 2 quality points per credit hour.
- The **mark of S** is a department option mark which may be used to denote satisfactory participation by a student in progressing thesis projects, orientation courses, practice teaching and the like. In computation of cumulative averages a mark of S will not be included. In computation of quality points achieved for a semester, a mark of S will be assigned a value of 2 quality points per credit hour.
- The **mark of I** is an exceptional mark which is an instructor option. It is given only to a student whose work in a course has been qualitatively satisfactory, when, because of illness or other circumstances beyond his control, he or she has been unable to complete some small portion of the work of the course. In no case will the mark I be recorded for a student who has not completed the major portion of the work of the course. The student will remove the I by completing work assigned by the instructor. It is the student's responsibility to request arrangements for completion of the work. The work must be completed by the end of the next semester in which the course is again offered and in which the student is in attendance at the College Park Campus; otherwise the I becomes terminal (equivalent to W). Exceptions to the time period cited above may be granted by the student's dean or provost upon the written request of the student if circumstances warrant further delay. If the instructor is unavailable, the department chairman will, upon request of the student, make appropriate arrangements for the student to complete the course requirements. It is the responsibility of the instructor or department chairman concerned to return the appropriate supplementary grade report to the Office of Registrations promptly upon completion of the work. The I cannot be removed through re-registration for the course or through the method of "credit by examination." In any event this mark shall not be used in any computations.
- The **mark of W** is used to denote that the student withdrew from a course after the end of the schedule adjustment period. This mark shall not be used in any computation, but for information and completeness is placed on the permanent record by the Office of Registrations. The Office of Registrations will promptly notify the instructor that the student has withdrawn from the course.
- Audit.** A student may register to audit a course or courses in which space is available. The notation **AUD** will be placed on the transcript for each course audited. A notation to the effect that this symbol does not imply attendance or any other effort in the course will be included on the transcript in the explanation of the grading system.

PASS/FAIL OPTION

Undergraduate students who have completed 15 or more credit hours on the College Park Campus and have a cumulative average of at least 2.0 may register on a pass/fail basis if the course offers the pass/fail grading option. No more than 20 percent of the credits offered toward a degree may be taken on the pass/fail basis. A complete statement of regulations concerning the pass/fail option is available in the **Undergraduate Catalog**.

Graduate students may enroll on a pass/fail basis for courses numbered 399 or below.

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 Administrative Dean for Undergraduate Studies. Additional information is presented in the consolidated catalog. For detailed information about examinations and procedures in taking them, write:

Director of Advanced Placement Program
College Entrance Examination Board
475 Riverside Drive
New York, New York 10027

CODE OF STUDENT CONDUCT

All students are expected to adhere to the provisions of the *Code of Student Conduct*, as set forth in the Undergraduate Catalog and in the *Student Handbook*. Copies of the code may also be obtained from the office of Judicial Programs in room 2108A North Administration Building, telephone 454-2927.

ACADEMIC DISHONESTY

Academic Dishonesty is a serious offense at the University and is defined in the *Code of Student Conduct* and in the University pamphlet entitled *Academic Dishonesty*. The code also provides that any act of academic dishonesty, including a first offense, will place the student in jeopardy "of suspension from the University, unless specific and mitigating factors are present." Disciplinary records for any act of academic dishonesty are also retained in the Judicial Programs Office for three years from the date of final adjudication. These records are available to prospective employers and other educational institutions in accordance with Federal regulations. To report *academic dishonesty*, or to obtain additional information, dial 454-4746 and ask for the "Campus Advocate."

PROTECTION OF PRIVACY UNIVERSITY POLICY ON DISCLOSURE OF STUDENT RECORDS

The University of Maryland adheres to a policy of compliance with the Family Educational Rights and Privacy Act (Buckley Amendment). As such, it is the policy of the University (1) to permit students to inspect their education records, (2) to limit disclosure to others of personally identifiable information from education records without students' prior written consent, and (3) to provide students the opportunity to seek correction of their education records where appropriate. A complete statement of the University policy and procedures is contained in the Undergraduate Catalog, 1984-85, College Park Campus.

CANDIDATES FOR DEGREES

All students who expect to complete requirements for degrees during the summer should complete application for diplomas during summer registration at the Registrations Office, North Administration Building. Applications should be filed no later than July 17. Degrees to be awarded as of August 25, 1986. While there is no graduation ceremony in August, August graduates are invited to attend the ceremony held in December. Doctoral graduates should notify the Candidate Office, Room 1101B, North Administration Building, if they intend to participate in the December ceremonies.

DEFINITION OF FULL-TIME STATUS

For those students seeking University certification of full-time student status, the following definitions will be applied.

UNDERGRADUATES

Normally, enrollment in courses totaling six semester hours of academic credit will be defined as full-time enrollment for one Summer Session. Enrollment for six semester hours of academic credit in each of the two Summer Sessions will be defined as full-time enrollment for the summer.

GRADUATES

Enrollment for academic credits totaling 24 graduate units will be defined as full-time enrollment for one Summer Session. Enrollment for academic credits totaling 24 graduate units in each of the two Summer Sessions will be defined as full-time enrollment for the summer.

Courses in the series: 000-399
carry 2 units/credit hour
Courses in the series: 400-499
carry 4 units/credit hour
Courses in the series: 500-599
carry 5 units/credit hour
Courses in the series: 600-898
carry 6 units/credit hour
Research course: 799 carries
12 units/credit hour
Research course: 899 carries
18 units/credit hour

MAXIMUM LOAD

Undergraduate students may not enroll for more than eight semester hours of academic credit in one Summer Session. Normally, graduate students should not enroll for more than six semester hours in one Summer Session. Registrations above these maximums must be approved by the student's Dean or Provost.

GOLDEN IDENTIFICATION CARD

Retired residents of Maryland age 60 and older who are not gainfully employed for more than 20 hours per week or who are under 60 years of age and are retired or disabled as defined by the Social Security or Railroad Retirement Act are invited to apply for a University of Maryland College Park Golden Identification Card.

The card entitles the holder to free tuition on a space-available basis for all University of Maryland credit courses, waiver of most fees and access to all College Park programs and activities on the same basis as all other students.

Program participants may simply take courses that interest them or work toward a graduate or undergraduate degree.

A high school diploma is not required for admission to undergraduate courses on the Golden ID card.

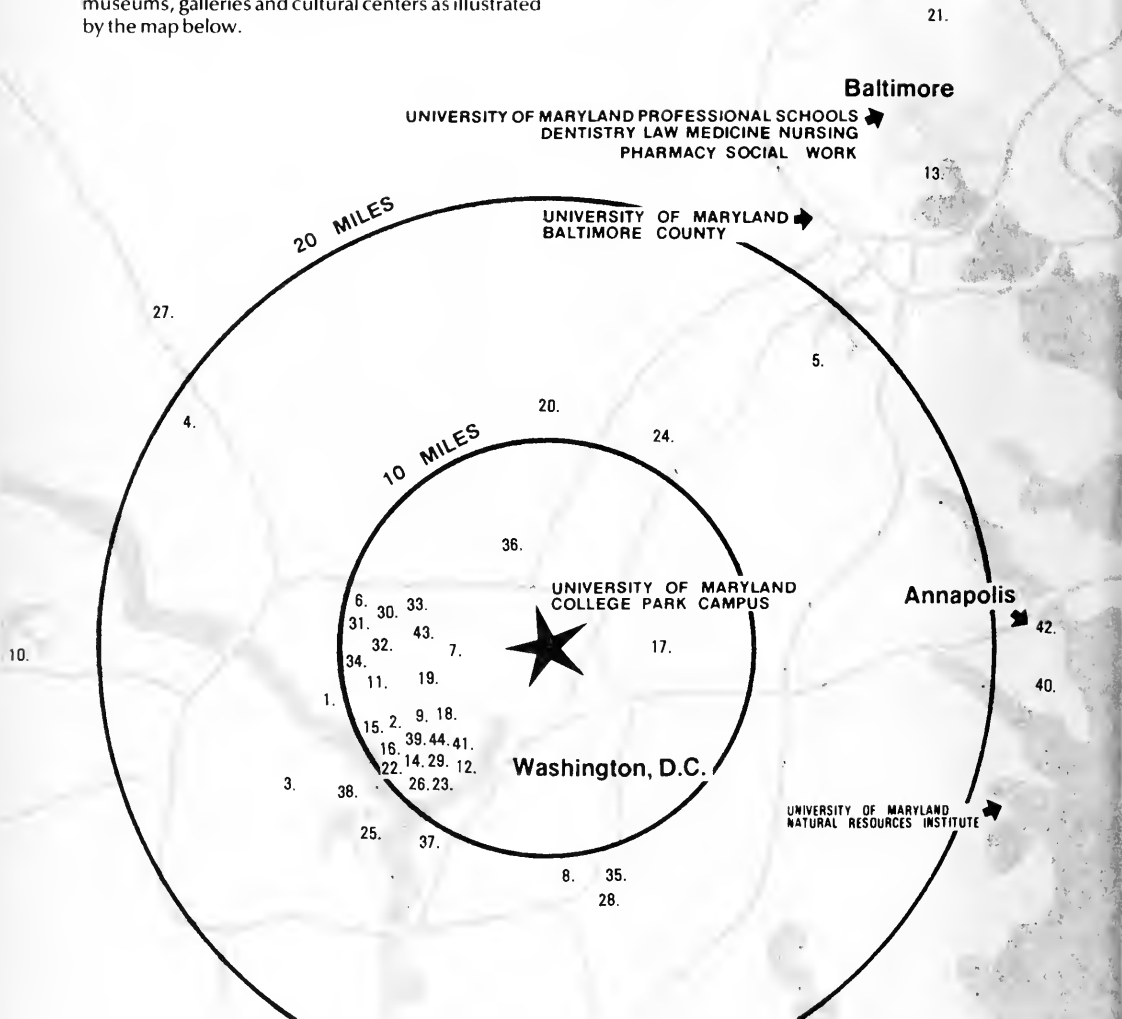
Eligibility for admission to graduate courses varies considerably from one area of study to another. In general, a bachelor's degree and a superior undergraduate academic record in an appropriate field are required. However, under some circumstances, appropriate training and experience may make up for deficiencies. The Graduate School Admission Office will respond to individual inquiries.

For information about obtaining a Golden Identification Card, contact the Office of Undergraduate Admissions at 454-5550.

AREA RESOURCE MAP

OTHER AREA RESOURCES

The College Park Campus is in a region which is unusually rich in libraries, research facilities, museums, galleries and cultural centers as illustrated by the map below.



- | | | |
|---------------------------------------|--|-----------------------------------|
| 1. AMERICAN UNIVERSITY | 16. GEORGE WASHINGTON UNIVERSITY | 31. NAT. METEOROLOGICAL CTR. |
| 2. ARENA STAGE | 17. GOODARD SPACE FLIGHT CTR. | 32. NAT. ZOOLOGICAL PARK |
| 3. ARLINGTON NAT. CEMETERY | 18. HIRSHHORN GALLERY | 33. NAVAL MEDICAL CTR. |
| 4. ATOMIC ENERGY COMMISSION | 19. HOWARD UNIVERSITY | 34. NAVAL OBSERVATORY |
| 5. BALTO./WASH. INTERNATIONAL AIRPORT | 20. JOHNS HOPKINS APPLIED PHYSICS LAB. | 35. NAVAL OCEANOGRAPHIC OFFICE |
| 6. BETHESDA NAT. NAVAL MEDICAL CTR. | 21. JOHNS HOPKINS UNIVERSITY | 36. NAVAL ORDINANCE LAB. |
| 7. CATHOLIC UNIVERSITY | 22. KENNEDY CTR. FOR THE PERFORMING ARTS | 37. NAVAL RESEARCH LAB. |
| 8. CENSUS BUREAU | 23. LIBRARY OF CONGRESS | 38. PENTAGON |
| 9. CORCORAN GALLERY | 24. NAT. AGRICULTURE LIBRARY | 39. SMITHSONIAN INSTITUTION |
| 10. DULLES INTERNATIONAL AIRPORT | 25. NAT. AIRPORT | 40. SMITHSONIAN ECOLOGICAL CTR. |
| 11. DUMBARTON OAKS | 26. NAT. ARCHIVES | 41. U.S. CAPITAL |
| 12. FOLGER SHAKESPEARE LIBRARY | 27. NAT. BUREAU OF STANDARDS | 42. U.S. NAVAL ACADEMY |
| 13. FORT McHENRY | 28. NAT. ENVIRONMENTAL SATELLITE CTR. | 43. WALTER REED ARMY MEDICAL CTR. |
| 14. FREER GALLERY | 29. NAT. GALLERY OF ART | 44. WHITE HOUSE |
| 15. GEORGETOWN UNIVERSITY | 30. NAT. INSTITUTES OF HEALTH | |

GENERAL INFORMATION

GENERAL INFORMATION



VETERANS BENEFITS

Students attending the University under the Veterans Education Assistance Act (Title 38, U.S. Code) who completed registration will be certified on the basis of registration course requests. This certification should be verified by the student at the Registrations Office, Room 1108, North Administration Building, 9:00 a.m. to 4:00 p.m., Monday through Friday.

ENROLLMENT CERTIFICATION AND VA PAYMENTS

1. Computation of enrollment status. Undergraduate student enrollment status is based on the number of standard class sessions for which the student is registered.

Computation of Standard Class Session

Number of Days/Week Class Meets	Lecture Session			
	80	100	120	180
1	1.6	2	2.4	3.6
2	3.2	4	4.8	7.2
3	4.8	6	7.2	10.8
4	6.4	8	9.6	14.4
5	8.0	10.0	12.0	18.0

Example: If class meets M, Tu, W, Th 8:00-9:20, then Standard Class Session (SCS) = 6.4 = 1.2 time

Number of Days/Week Class meets	Laboratory Sessions				
	80	100	120	180	240
1	.8	1	1.2	1.8	2.4
2	1.6	2	2.4	3.6	4.8
3	2.4	3	3.6	5.4	7.2
4	3.2	4	4.8	7.2	9.6
5	4.0	5	6.0	9.0	12.0

Example: If lab course meets M, Tu, W, Th, F 12:30-1:50
Lecture: M, W, F 8:00-11:00 Lab, Tu, Th 9:30-10:50
Discussion: then SCS = 8 + 5.4 + 3.2 = 16.2 = full-time

Graduate student enrollment status is based on the number of units for which the student is registered. Courses taken as "AUDIT" cannot be counted toward credit for graduate or undergraduate students. Charges are the same for audit and for credit courses.

TABLE FOR COMPUTING GRADUATE UNITS

000-399	2 Units per credit
400-499	4 Units per credit
500-599	5 Units per credit
600-898	6 Units per credit
799	12 Units per credit
899	18 Units per credit

Graduate registration will not be certified for any course below the 400 level unless the course is required by the major department. A letter verifying the requirement must be approved by the Graduate School and submitted to the Veterans Affairs Office. Courses below 400-level will not receive Graduate Credit.

2. Basis for payment during each Summer Session.*

Standard Class Session (SCS) Credits	Graduate Students	Status
12+	24	Full time
9-11	18	3/4 time
6-8	12	1/2 time
less than 5	6	1/4 time

*COURSES WHICH VARY FROM THE REGULAR SIX WEEK SESSIONS ARE CALCULATED BY THE V.A. ACCORDING TO LENGTH OF TIME AS WELL AS CREDITS OR UNITS.

The Schedule of Benefits is available in the Veterans Office, Room 1108, North Administration Building.

3. Graduate Assistants: Graduate students who are graduate assistants will be certified for full time if the assistantship is confirmed in writing by the Graduate School. Enrollment must be for 12 units each summer session.

Please note—the Veterans Administration's definition of "full time" for Graduate Assistants differs from the University of Maryland definition and should be used only for V.A. purposes.

PROTECTION OF PRIVACY INFORMATION SHEET

Public law 93-579 entitled the Privacy Act of 1974 requires that all claimants be informed of the purposes and uses to be made of the information which is solicited. The following is furnished to explain why the information is requested and the general uses to which that information may be put.

AUTHORITY: The Veterans Administration is empowered to solicit the information requested in this form under the authority of Title 38, United States Code.

PURPOSE: The information requested is considered relevant and necessary to determine maximum entitlement to the benefit for which the student has applied.

USES: The information will be used in determining eligibility for the maximum benefits allowable by law. The responses which are submitted may be disclosed as permitted by law outside the Veterans Administration.

EFFECTS OF NON-DISCLOSURE: Disclosure of the requested information is voluntary. No penalty will be imposed for failure to respond. However, the decision as to entitlement for the benefit being claimed must then be made on the basis of available evidence of record. This may result in a delay in the processing of the claim, payment of less than maximum benefits, or complete disallowance of the claim. Failure to provide information in connection with the benefit currently being sought will have no detrimental effect on any other benefits to which a veteran is entitled. (From VA Form 20-8739, July 1975).

COMPUTER SCIENCE CENTER

Attend a free "Introduction to the Computer Science Center." One-hour orientation seminar for new and potential computer users. No need to register; held during the first week of July. Look for dates and times in the *Diamondback*. Also, non-credit short courses will be offered beginning in June. Call 454-4261 for registration information.

SUMMER RECREATION PROGRAM

WATCH FOR THE RECREATION BROCHURE
GREAT SUMMER SPORTS ACTIVITIES
CULTURAL EVENTS
SPORTS TOURNAMENTS
AND COMPETITIONS

For information: Reckord Armory, Room 1104, 454-3124



OKLAHOMA! Donald Westwood directs the Opera Northeast Co. in a rooftop production of Rodgers & Hammerstein's landmark of American theater. June 20th at Taves Theater, 8:15 PM.

GENERAL INFORMATION



MOTOR VEHICLE REGISTRATION

All students are required to register their motor vehicles at the time of registration for classes. **STUDENTS MUST BRING THE CURRENT REGISTRATION CARD FOR EACH VEHICLE TO BE REGISTERED. YOU CANNOT REGISTER YOUR VEHICLE WITHOUT THIS DOCUMENT, AND A STUDENT I.D. CARD.**

Parking stickers for motor vehicles previously registered for the 1986-87 academic year will be honored for the 1987 Summer Sessions. For motor vehicles operated by new students or non-registered motor vehicles operated by continuing students, there will be a registration fee of \$7.00 for resident students for the first vehicle and \$5.00 for commuter students for the first vehicle and \$10.00 for each additional vehicle, which must be paid to the Motor Vehicle Administration Office when the vehicle is registered (see Tuition and Fees). Vehicles must be registered by the legal operator only. Several parking lots are designated for use by students and staff. Students may park registered motor vehicles in lots 1, 2, 3, 4, 7, 9, 11 and if the vehicle is a compact car, it may utilize small car parking lot 8. All other lots are reserved for faculty and staff members. University Regulations prohibit the parking of motor vehicles on any Campus road, fire lane or medical spaces reserved for handicap parking. These regulations are enforced by the University Police. Questions regarding Motor Vehicle Registration should be directed to the Motor Vehicle Office, Rosborough Drive, opposite Ritchie Coliseum, from 8:30a.m. to 4:15p.m. Monday through Friday, or by telephone on 454-4242 or 4243.

HANDICAPPED PARKING

Only vehicles displaying STATE issued handicapped license tags and/or window permits, identifying the driver or passenger as handicapped will be authorized to park in designated handicapped spaces, at unpaid parking meters or in any ungated parking lot on this campus. DAV tags or any locally issued tags will not be recognized for this purpose. Contact your state MVA office for details. All persons associated with the University must purchase and display a UMCP parking decal for the current year.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lots.



HEALTH CENTER

Check out the Health Center located directly across from the Stamp Union on Campus Drive for primary care of illness and injury, health promotion and maintenance, consultation or education. Health Center services include the dental clinic, men's clinic, women's clinic, skin care, sports medicine, physical therapy, nutrition counseling, mental health, social services, laboratory and a pharmacy. Individual and group health education programs are also available on topics such as sexual health, stress management and substance use and abuse.

The Health Center is open 24 hours, seven days a week. Hours vary during semester breaks and holidays. Appointments are recommended. Students, however, are also seen on a walk-in basis.

Currently registered students who have paid the health fee are eligible for care. This fee covers most routine costs. There are addi-

tional charges for special services such as X-ray, laboratory tests, dental treatment, allergy injections, casts, and pharmacy supplies.

All information in student medical records is confidential. Medical information is released only with the student's written permission or court-ordered subpoena. The Health Center does not issue routine absence excuses for illness or injury. In cases of prolonged absence or a missed exam, with the student's signed permission, the Health Center will verify dates of treatment.

Health Center telephone numbers to remember: information X3444, appointments X4923, mental health service X4925, pharmacy X6439, health insurance X6750, health education X4922.



ON-CAMPUS HOUSING

Every student who registers for summer sessions coursework is encouraged to live on campus in the undergraduate residence halls. Early reservation for summer sessions housing is advised. Room reservation procedures are discussed in the *Summer 1987 Residence Halls Agreement*, located at the center of this catalog. **This Agreement and accompanying instructions should be carefully read and understood before the Agreement is returned and financial obligation is incurred.** No provisions are made for family members or spouses.

For summer sessions, rooms are available from the period just prior to the start of Session I classes until final examinations are completed for Session II. Please consult the calendar on page 2 of this catalog. Spring semester campus residents who register for Session I may be permitted to move directly from spring room assignments to Summer Sessions assignments, possibly involving an additional move to a temporary assignment, according to procedures and a calendar established by the Department of Resident Life. Spring semester residents should indicate their current assignment and their desire for temporary "interim housing" privileges in the appropriate spaces on the Residence Halls Agreement (in booklet section in the center of the catalog).

Rooms in apartment/suite hall types are available for long-term stays:

- Summer assignments are in fully furnished and fully equipped apartments and suites. One or two baths, shared living area and single and double bedrooms are within each apartment/suite for four to eight students. Apartments/suites are air-conditioned and fully carpeted. Apartments only include kitchen facilities and dining area; **occupancy in suite will require limited meal plan.**

Rooms are furnished with essentials for student study and sleep. Curtains, desk lamp, wastebasket, pillow, linens, all other personal effects and room accessories are not provided. Coin-operated laundry and vending services are available.

Inquiries regarding summer sessions housing are welcomed at Department of Resident Life, 3117B North Administration Bldg., University of Maryland, College Park, MD 20742. Tel: (301) 454-2711.

CAMPUS GUEST SERVICES

Accommodations are also available for visiting faculty and lecturers, researchers and other educators associated with the summer sessions or involved in the special programs offered during the summer term. Accommodations, rates and reservation process vary depending on length of stay and type of program.

In addition, accommodations may be provided for conference

GENERAL INFORMATION

and special interest groups who wish to hold their events on campus in the summertime.

For more information about these services contact Campus Guest Services, University of Maryland, Office of the Vice-Chancellor for Student Affairs, Room 2108 North Administration Building, College Park, MD 20742. Tele. (301) 454-8723.



RESEARCH FACILITIES

The research programs at the University derive their existence and vigor from a faculty comprised of internationally recognized scholars and scientists. It is an advantage for undergraduate students to be aware of the University's research facilities as they plan their programs.

Active research takes place in every department on the campus. Among the exceptional research facilities are: scanning electron microscopes; subsonic, supersonic, and hypersonic wind tunnels; laboratories for radiation research and biochemical reactions; a nuclear training reactor; an electron ring accelerator; complete laboratories for the dynamic studies of soils and structures; a unique facility utilizing satellite remote sensing data; a dynamic photomechanics lab; a gravitational radiation detection system including a gravimeter on the moon; three retroreflector arrays on the moon; a psycho-pharmacology laboratory; a comfort and perception research laboratory; a historic costume/textile research laboratory; a linear accelerator; a high resolution spectroscopy facility; small groups behavioral research laboratories; computer simulation and gaming facilities; remote sensing and cartographics laboratories; specialized sound chambers for audiology research; a center for theoretical physics; a criminal forensics laboratory; an archaeometrics laboratory; laboratories for parallel computation, computer graphics, computer-aided design, software engineering, and machine intelligence and pattern analysis; the Center for Automation Research which includes the computer vision, robotics and human/computer interaction laboratories; centers for rotorcraft education and research, architecture and engineering performance information, transportation studies, archaeoastronomy, and Mediterranean archaeology; the Astronomy Observatory; and the Water Resources Center.

The College Park Campus also operates one of the largest and most sophisticated long-wavelength radio telescopes (located at Clark Lake, Southern California).

In addition to these research facilities, the campus supports a number of organized research activities, many of which have received national and international recognition for the quality of their research work. Among the major organized research units on campus are: the Bureaus of Business and Economic Research, and Governmental Research; the Center on Aging and Centers for Family Service; Educational Research and Development; Family, Housing and Community; Industrial Relations and Labor Studies; Information Sciences Research; Mediterranean Archaeology; Philosophy and Public Policy; Productivity and Quality of Working Life; Renaissance and Baroque Studies; Study and Research in Business and Public Policy; Young Children; and the Survey Research Center; the Engineering Research Center; the Laboratory for Plasma and Fusion Energy Studies; and the Institutes for Exceptional Children and Youth; Physical Sciences and Technology; Research in Higher and Adult Education, the Center for Research in Public Communication of the College of Journalism, and the Center for Architectural Design (CADRE) in the School of Architecture.

Investigation in agriculture is an important aspect of University research. The Agricultural Experiment Station, which has its headquarters on the College Park campus, uses its personnel and laboratories at UMCP and UMES, as well as the off-campus research farms (totalling over 3,000 acres) to conduct research in the areas of natural resources and forestry, plants and crops, animals and poultry, economics and rural life, and general resource technology.

The College of Physical Education, Recreation and Health maintains modern research laboratories including, but not limited to, Psychophysiological Research Laboratory, the Biofeedback Learning Lab, The Safety Education Center, Leisure and Recreation Studies

Laboratory, Cinematographic Analysis, Cardiovascular Measurement, Strength and other Motor Fitness Assessments, Body Composition, Analysis of Motion, and Motor Learning Research.



DINING SERVICES

The Department of Dining Services has 18 operations to serve the University community. Among these are four dining halls, located in the Cambridge, Ellicott, and Denton Complexes, and in the South Campus.

A full service restaurant and diverse fast food eateries line the underground central hallway of the Adele H. Stamp Union. Each shop is open daily Monday through Friday and some shops are open with special hours on Saturday.

For a special occasion or just a change of pace, What's Your Beef Restaurant offers flame broiled steaks, BBQ chicken and ribs and an extensive salad bar. Fresh dough pizza, made to order, by the slice or whole, is available at the Pizza Shop. This N' That offers a variety of favorites, including all beef hot dogs, nachos and hot pretzels. Popular, Maryland Dairy ice cream, is served any way you like it, at Dory's Sweets. Fresh from the oven breads, doughnuts and assorted pastries are prepared daily at the Bakery Stop. Ask about our personalized cakes. The Butcher's Block features flame broiled quarterpound cheeseburgers and Cajun style fried chicken. Stop by the Maryland Sandwich Factory for deli subs, sandwiches, cheeses and meats by the platter or the pound. Create your own salad at the Farmer's Market with a salad bar featuring over 50 items. Quench your thirst at the Oasis which offers an extensive selection of hot and cold beverages.

Elsewhere on campus is the Gazebo Room, open Monday through Friday, conveniently located in South Campus Dining Hall. This cafeteria features an extensive soup and salad bar, sandwiches, grill line, hot entrees and an ever changing a la carte menu. For a late night snack you needn't go far. South Hill Snack Bar, located in South Campus Dining Hall is open 9:00 PM until 1:00 AM Sunday through Thursday. Now open Monday through Sunday, is the Leonardtown Convenience Store which sells groceries and sundries. The Hi-Rise Snack Bar and Convenience Store, located near the Ellicott Dining Hall, is also open for your convenience Monday through Sunday, for a quick bite to eat or an emergency item.



DISABLED STUDENT SERVICES

Special assistance is available for students with disabilities. Among the services offered are: assistance with registration, reading services, interpreter services, accessibility information and orientation. Students should contact the office at the earliest possible opportunity so that services can be arranged by the start of classes.

454-5028 (voice)
454-5029 (TDD)

Contact the Disabled Student Services Office in the Counseling Center, Shoemaker Hall, Room 0126, 8:30 to 4:00 Monday through Friday.

SPECIAL PROGRAMS



LIBRARIES

Libraries of the campus are the Theodore R. McKeldin Library (the general library), the R. Lee Hornbake Library containing the Undergraduate Library, Nonprint Media Services, and the Music Library, the Architecture Library, the Art Library, the Library of the College of Library and Information Services and its Juvenile Teaching Materials Collection, the White Memorial Chemistry Library and the Engineering and Physical Sciences Library. The libraries have a total book collection of more than 1.7 million volumes and currently receive over 20,000 serials. In addition, the libraries contain 2.5 million microforms; 600,000 U.S., state and international government documents; 900,000 technical reports; 56,000 cassettes, records and tapes; and over 88,000 maps. Bibliographical facilities include book catalogs of the British Museum, Bibliothèque Nationale, Library of Congress and national bibliographies of many foreign countries. Special collections include the Katherine Anne Porter Room, East Asia collection, Marylandia, industrial and craft union files, music education association files and numerous sets of microreproductions of rare books, early and rare journals, archives and manuscripts, and other research materials in many subjects. Study carrels and lockers are available to faculty members and graduate students in the McKeldin Library. Facilities for microform reading, photocopying, ordering online data-base searches, reading reserve material and arranging interlibrary loans are available in all libraries.



UNIVERSITY BOOK CENTER

The University Book Center, is located in the lower level of the Adele H Stamp Union Building. Textbooks, popular and professional books, classroom materials, University and fashion clothing, groceries and many other items may be purchased at reasonable prices.



RETIRED VOLUNTEER SERVICE CORPS

People who are retired and have career or life experience skills which they would like to continue to use can do so through the Retired Volunteer Service Corps. By volunteering three hours or more a week, talented older people can help personalize undergraduate education and provide a unique perspective to students at U.M.C.P. Volunteers utilize their unique skills as tutors, career counselors, academic advisors, teaching assistants, technical assistants and office assistants, as well as having the option of assisting in a volunteer job of their own design. For further information contact the Retired Volunteer Service Corps office at 454-4767.

SPECIAL PROGRAMS

WORKSHOPS, INSTITUTES AND OTHER SPECIAL OFFERINGS

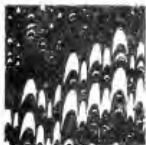
The summer sessions offer a number of special programs of interest to both students and professional audiences. The programs frequently differ from traditional courses in instructional format and duration. In many classes scheduling differs from the dates of the standard academic sessions. Many of the special programs provide the option of registering either for credit or on a non-credit, non-matriculant basis. Some of the special programs are offered on a special fee, non-credit basis only.

Unless noted otherwise, admission procedures for credit registrations are the same as those for standard courses. Special arrangements for registration will be provided for certain workshops, details of which may be obtained from the program directors. The standard tuition and fee schedule applies for all credit registrations except that University Health Services are not provided for students registered in courses offered away from the College Park Campus, in which case the student health fee is not charged.

Reference to additional or alternative fees may be found under individual listings. Special non-credit fees apply only where specifically quoted. Registrations based upon these fees are available only to non-matriculated applicants and do not provide credit. Because special planning based upon the number of registrants is required, and because applicant screening and/or auditioning may be required, most of the special fee programs require an extra charge after a specified registration period and only a partial refund for late withdrawal. No refunds will be granted on or after the first day of any program which is less than the standard six-week term in length. In each case, campus housing will be available at additional charge.

The descriptions following are intended to indicate only general content. For detailed information please contact the program director.

SPECIAL PROGRAMS



THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

George Moquin, Executive Director

In coordination with the Summer Entertainment Series described elsewhere in the catalog, the Institute (MSICPA) presents the following career development training programs.

THE FIRST AMERICAN VIOLIN CONGRESS

June 9-13, Sir Yehudi Menuhin, President

The Institute, in cooperation with the Violin Society of America, the American String Teachers Association, The American Federation of Violin & Bow Makers, Inc., the Division of Musical Instruments, Smithsonian Institution, the Music Division, Library of Congress, and the National Symphony Orchestra, will sponsor this first exposition of the state of the art of violin playing in America. Leading American artists, pedagogues and speakers will lead symposia on career development; the evolution of violin playing in the United States, including the folk and jazz traditions; teaching and playing principles; the orchestral player; famous instruments and their owners. The agenda will also feature lecture-recitals on American works for violin and 'new' Baroque playing, and public evening concerts. Luthiers, manufacturers of accessories and publishers of music will participate in exhibitions. Registration is open to anyone interested in the violin.

Pre-Registration Fees
(Received by May 8, 1987)

Full Congress: \$120.00
Daily Rate: \$40.00

Late Registration Fees
(After May 8, 1987)

Full Congress: \$150.00
Daily Rate: \$50.00

THE UNIVERSITY OF MARYLAND INTERNATIONAL PIANO FESTIVAL AND WILLIAM KAPELL COMPETITION

Eugene Istonin, Artistic Director
July 9-18, 1987

The Festival presents internationally-acclaimed artists and teachers in master-classes, lecture-recitals, symposia and concert-recitals. The Competition offers contestants from throughout the world more than \$35,000 in prize money. The First Prize includes \$15,000, a performance with the Philadelphia Orchestra and a major debut in Carnegie Hall, New York. Finals will be held in the Kennedy Center with the National Symphony Orchestra. All events are open to the general public.

Pre-Registration Fees
(Received by June 9, 1987)

Full Festival: \$225.00
Daily Rate: \$30.00

Late Registration Fees
(After June 9, 1987)

Full Festival: \$275.00
Daily Rate: \$40.00



UNIVERSITY CHORUS 1987 SUMMER SEASON

Join the University Chorus and sing some of the world's great choral literature. The Music Director, Dr. Paul Traver, has planned an exciting season with rehearsals and performances scheduled through both summer sessions. Several exciting events are being planned for this summer season. The chorus is open to all students, faculty and staff of the University and their families. Summer membership requires participation during both Summer Sessions. Contact the Music Department for further information about auditions and rehearsals.

The Chorus regularly performs with some of the world's major symphony orchestras and frequently appears with the National Symphony at both the John F. Kennedy Center and Wolf Trap Farm Park. Come and enjoy being part of so highly-respected an organization.

UMCP ELDERHOSTEL Program

UMCP ELDERHOSTEL is an academically-oriented residential program which attracts persons age 60 and above from around the nation to the UMCP Campus for two one-week sessions. Three specialized daily courses, taught by some of the outstanding UMCP faculty members, are offered to participants during each session. The curriculum is designed to offer a flavor of the academic strengths of the University and the historical background of the Washington Metropolitan Area.

The benefits of ELDERHOSTEL, however, are not strictly academic. Participants are offered a wide range of social and cultural activities, including field trips to Washington, D.C., campus receptions, and Tawes Theatre productions. Local residential or commuter participants are welcomed.

For further information, contact Experiential Learning Programs/Retired Volunteer Service Corps Office, (301) 454-4767.



College of Journalism

Eleventh Annual University of Maryland School Press Workshops and Yearbook Short Course

School Press Workshop I:	School Press Workshop II:
Writing and Editing	Design and Production
June 22 through June 26	June 29 through July 3
MTWThF, 9:30-3:30	MTWThF, 9:30-3:30
Special Fee: \$70.00	Special Fee: \$70.00

Featuring nationally known journalists and educators, the School Press Workshops provide special training for high school newspaper and newsmagazine publishing. School Press Workshop I focuses on news writing, interviewing, sports reporting, editorial writing, and feature writing. School Press Workshop II provides experience with design techniques, typography, pasteup, and headline writing. Air-conditioned dorm/hotel accommodations available at extra charge. For further information and application, write to Mrs. Lois Kay, College of Journalism, University of Maryland, College Park, MD 20742 or call 301-454-6939.

Yearbook Short Course

June 22-24
M-W, 10 a.m.-4 p.m.
Special Fee: \$50.00

In the twelfth annual Yearbook Short Course high school editors, reporters, and advisers can plan their 1987-88 school yearbook. Lecturers include noted yearbook experts. Lectures and work sessions will be held on budget and finance, advertising, theme, content, copywriting, photography, contemporary design, graphics, covers, and staff organization. Air-conditioned dorm/hotel accommodations available at extra charge. For further information and application, write to Mrs. Lois Kay, College of Journalism, University of Maryland, College Park, MD 20742 or call 301-454-6939.

SPECIAL PROGRAMS



COLLEGE OF ARTS AND HUMANITIES

Department of Music

MUSC 448C/699C. **Flute Masterclass**, 2 credits, or non-matriculant/non-credit registration at special fees: performers, \$165.; participants, \$70.; auditors, \$35. June 29 to July 11, 1987. M-F, 9 a.m.-10 p.m.; Sat., 9 a.m.-6 p.m. Performers accepted only by audition or tape.

Dr. William Montgomery

This annual masterclass, open to qualified musicians of all ages, has attracted outstanding flutists worldwide. The class features presentations on both the flute repertoire and technique and presents outstanding performances.



COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Department of Anthropology

ANTH 499A/699A SUMM 015. **Field Methods in Historical Archaeology**, 6 credits or non-matriculant/non-credit registration at a special fee of \$525.00. Session I. MTWTh, 8:00 a.m. - 4:00 p.m.

Professor Mark Leone

An anthropological field school conducted at Annapolis, Maryland in cooperation with the Historical Annapolis Society. This area, one of the richest in resources on colonial America, provides a wonderful opportunity for students who wish to acquire skills in anthropological research. Open to both majors and non-majors. For details contact Dr. Mark Leone, Department of Anthropology, University of Maryland, College Park, Maryland 20742.

Telephone: (301) 454-4154.

Department of Hearing and Speech Sciences.

HESP 438B/639B SUMM 018. **The Use and Care of the Professional Voice**, 1 credit or non-matriculant/non-credit registration. July 27-31. M-F, 9:00-12:00; 1:30-4:30. A workshop for professionals concerned with the professional use of the voice: actors, singers, public speakers, health care professionals, Speech-Language Pathologists. A series of lectures and demonstrations by experts including performing artists, drama coaches, teachers of singing, otolaryngologists and speech-language pathologists. Special non-matriculant/non-credit fee (SUMM 018) of \$250.00.

Professor Gerald McCall



COLLEGE OF LIBRARY AND INFORMATION SERVICES

LBSC 499A SUMM 008A. **Archival Automation**, 3 credits or non-matriculant/non-credit registration at special fee of \$410. Session I, TuTh, 6:00-9:00 p.m.

Professor Frank Burke

Computer applications for a broad range of records management and archival activities including control of office files through appraisal, accessioning, arrangement, description, and use. Special emphasis on administering documentary collections with computer assistance.

LBSC 488E/SUMM 008E. **Introduction to Expert Systems with Illustrations in Prolog**, 3 credits or non-matriculant/non-credit registration. June 4 - July 11. Thurs.; Sat., 6:30-9:00 p.m.; 9:30 a.m.-12:30 p.m. A Study of expert informational systems and development of programming faculty in Prolog. Lectures and exercises in development of a small expert system using Prolog. Special non-matriculant/non-credit fee: \$410.00.

Professor Dagobert Soergel



COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Department of Mathematics

SUMM 004. **Essentially Algebra: A Workshop to Accompany Math 110S**, Non-credit. Session I. M-F, 11:15 a.m.-12:00 p.m. Special fee: \$125. Concurrent registration with MATH 110S required.

Professor Mary Alter

To provide both instruction and practice in the basic algebra required in MATH 110 along with the regular MATH 110 topics. Instead of the usual sequence of algebra instruction in MATH 001 followed by MATH 110 at a later date, students will be enrolled concurrently in the MATH 110S Workshop and MATH 110S where they will be taught basic algebra and immediately apply the basic algebra to the appropriate topic in MATH 110.

At the beginning of the session, most of the student's time will be directed towards the MATH 110S Workshop. As the session progresses, less time will be spent on the MATH 110S Workshop and the emphasis will be on the topics of MATH 110.

SUMM 003. **Building Math Self-Confidence: A Review of High School Algebra**, Non-credit. June 1 to June 19, M-F, 9:00 a.m. - 12:00 p.m. Building N, Room 2102. Special fee: \$225.00.

Professor Elizabeth Shearn.

Offered through the Counseling Center, this special course assists students in gaining confidence in math through instruction and practice in the basics of Algebra. The work prepares students for college level math courses.

“For Your Pleasure, A Summer of Fine Entertainment Awaits You at Tawes Theatre”

SCHEDULE OF EVENTS

SESSION I

THE FIRST AMERICAN GUITAR CONGRESS

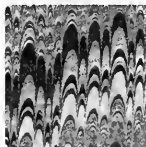
Tuesday, June 9
SIR YEHUDI MENUHIN
with violinist colleagues in
a gala opening recital

Thursday, June 11
**FOLK AND JAZZ FIDDLE
CONCERT** featuring **LIZ
CARROLL, JUNIOR
DAUGHERTY, THE REALLY
ECLECTIC STRING QUARTET**
and **STRING FEVER**

Saturday, June 13
Gala Closing Concert conducted by
SIR YEHUDI MENUHIN
featuring violin ensembles and an
orchestra of 200 violins.

Saturday, June 20
Rodgers & Hammerstein's
OKLAHOMA, a fully-staged
production with orchestra
from New York

Saturday, June 17
PARIS BOYS CHOIR on tour
from Paris, France, directed by
Olivier Girault



MARYLAND
SUMMER
INSTITUTE
FOR THE
CREATIVE
AND
PERFORMING
ARTS



SESSION II

THE UNIVERSITY OF MARYLAND INTERNATIONAL PIANO FESTIVAL

Sunday, July 12
SHURA CHERKASSKY

Monday, July 13
IVAN MORAVEC

Tuesday, July 14
YOURI EGOROV

Wednesday, July 15
JOHN BROWNING

Thursday, July 16
NIKITA MAGALOFF

Friday, July 17
To be announced

Saturday, July 25
KYOKO TAKEZAWA, First Prize
Winner, The International Violin
Competition of Indianapolis (1986)
and **JEFFREY BIEGEL**, First
Prize Winner, The University of
Maryland International Piano
Competition (1985) in a joint recital.



COMPLIMENTARY TICKETS

Students who register for Summer Sessions, and students, faculty, staff and alumni who purchase a Summer Activity Card are eligible for one complimentary ticket for each 1986 performing arts event sponsored by the Maryland Summer Institute for the Creative and Performing Arts listed on the opposite page.

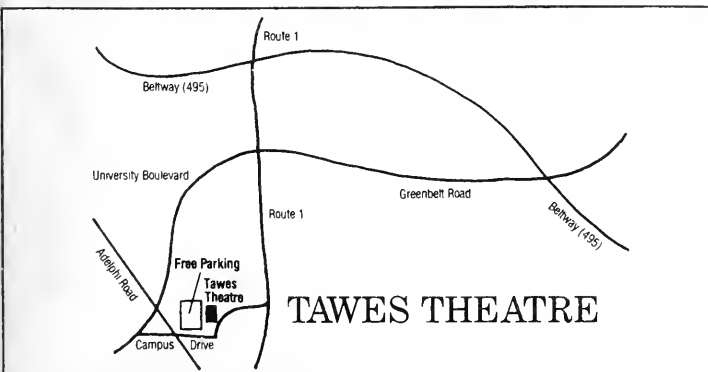
HOW TO QUALIFY

Registered Summer Sessions students present their Registration Card at the Tawes Theatre Box Office. Faculty, staff, alumni and students not registered for Summer Sessions can purchase a Summer Activity Card at the cashier's window in the South Administration Building, and then present the card at the Tawes Theatre Box Office.

WHERE AND WHEN

Tawes Theatre Box Office (open Monday through Friday from 12:30-5:30 pm) will distribute complimentary tickets weekly to registered Summer Sessions students and Summer Activity Card holders on a first-come, first-served basis beginning Monday, June 1.

For more information, call 454-4241 or 454-2201. *(All programs subject to change. All events in Tawes Theatre unless otherwise indicated.)*





The First American
**VIOLIN
CONGRESS**

SIR YEHUDI MENUHIN

President

June 9-13, 1987

The University of Maryland, College Park
& Washington, DC

Presented by

The Maryland Summer Institute
for the Creative and Performing Arts

Providing an exposition of the state of the art of violin playing in America, the Congress agenda will include symposia, lecture-recitals and concerts with leading American artists, and exhibitions of instruments, accessories, publications and recordings.

For information

Violin Congress, Summer Programs
University of Maryland
College Park, Maryland 20742
(301) 454-5910, 454-4241



Sir Yehudi Menuhin, President, The First American Violin Congress



THE UNIVERSITY OF MARYLAND

International

PIANO FESTIVAL

— and —

William Kapell Competition



Eugene Istomin
Artistic Director

Presented by

The Maryland Summer Institute
for the Creative and Performing Arts

The Festival

Daytime master classes and
lecture-recitals; evening recitals
by internationally-acclaimed
artists

For Information:

Piano Festival & Competition
SUMMER PROGRAMS
University of Maryland
College Park, MD 20742
(301) 454-5276

The Competition

Preliminary Rounds
July 9-11
Semi-Final Rounds
July 12-15

Final Round with the National
Symphony Orchestra, Mstislav
Rostropovich, Music Director,
Stanislaw Skrowaczewski,
Conductor, Concert Hall,
Kennedy Center, Washington,
DC, July 18, 1987

July 9-18, 1987

College Park, Maryland
and
Washington, DC

A Constitutional Bicentennial Summer

We the People

JULY, 1987

TAWES THEATER

UNIVERSITY OF MARYLAND

COLLEGE PARK, MARYLAND

THE LAW OF THE LAND

In commemoration of the signing of the Constitution in 1787, Summer Programs is proud to present an exciting four-part series of lecture-debates. Prominent national figures will lecture on enduring constitutional issues. In much the same way that the proposed Constitution was explained to the public two hundred years ago, each address will be followed by a lively debate by scholars and legal experts. You are invited to attend this series which will celebrate the vitality of the Constitution and the importance of the issues which surround it today.



Carl T. Rowan
Syndicated Columnist,
radio and television
commentator. Subject:
"Equality: Its Definition
as a Constitutional
Value."
July 22, 1987



Arthur M. Schlesinger, Jr.
Albert Schweitzer Chair in the
Humanities, the Graduate
School of the City University
of New York, Pulitzer prize
winning historian, and authority
on the contemporary presidency.
Subject: "The Presidency
and the Constitution."
July 23, 1987



Archibald Cox
Professor of Law,
Harvard Law School,
author, and former
Special Prosecutor
during the Nixon Presidency.
Subject: "The
Rule of the Supreme
Court: Judicial
Activism or Self-
Restraint?"
July 28, 1987



Charles McC. Mathias, Jr.
Former United States Senator
from Maryland and authority
on the Federalist Papers.
Subject: "Original Intent and
the Constitution."
July 29, 1987

For additional information contact Dr. Whitman Ridgway: (301) 454-2643

A EED**AGRICULTURAL AND EXTENSION EDUCATION****(AGRICULTURE)**

- A EED 313 Student Teaching 5 credits; Grading Method REG/AUD**
Contact department to make arrangements
0201 Time Arranged Room Arranged Cooper, E
Prerequisite: satisfactory academic average and permission of instructor Full-time student teaching in an off-campus student teaching center under an approved supervising teacher of agriculture, participating experience in all aspects of the work of a teacher of agriculture.
- A EED 315 Student Teaching 1-4 credits; Grading Method REG/AUD**
Contact department to make arrangements
0201 Time Arranged Room Arranged Cooper, E
Prerequisite: satisfactory academic average and permission of instructor Full-time observation and participation in work of teacher of agriculture in off-campus student teaching center. Provides students opportunity to gain experience in the summer program of work, to participate in opening of school activities, and to gain other experience needed by teachers.
- A EED 325 Directed Experience In Extension Education 1-5 credits; Grading Method REG P-F/AUD**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
Prerequisite: satisfactory academic average and permission of instructor Full-time observation and participation in selected aspects of extension education in an approved training course.
- A EED 487 Conservation of Natural Resources 3 credits; Grading Method REG P-F**
Concurrent registration with A EED 497 required. Field trips 6.6; 6.13, 6.23-6.25 (Eastern Shore); 6.30-7.2 (Western Maryland). A \$70 transportation fee for field trips will be assessed.
0101 W 7:00pm-10:00pm Bldg. SYM, Room 0115 Gibson Jr., G
Time Arranged Room Arranged (DIS)
Designed primarily for teachers. Study of state's natural resources soil, water, fisheries, wildlife, forests, and minerals; natural resources problems and practices. Extensive field study. Concentration on subject matter. Taken concurrently with A EED 497 in summer session.
- A EED 488 Critique In Rural Education 1 credit; Grading Method REG P-F/AUD**
Contact department to make arrangements
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
Current problems and trends in rural education.
- A EED 489 Field Experiences 1-4 credits; Grading Method REG P-F/AUD**
Contact department to make arrangements
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
Planned field experience for both major and non-major students. Repeatable to a maximum of four credits.
- A EED 497 Conservation of Natural Resources 3 credits; Grading Method REG P-F**
Concurrent registration with A EED 487 required.
0101 W 7:00pm-10:00pm Bldg. SYM, Room 0115 Gibson Jr., G
Time Arranged Room Arranged (DIS)
Designed primarily for teachers. Study of state's natural resources soil, water, fisheries, wildlife, forests, and minerals; natural resources problems and practices. Extensive field study. Methods of teaching conservation included. Taken concurrently with A EED 487 in summer session.
- A EED 499 Special Problems 1-3 credits; Grading Method REG P-F/AUD**
Contact department to make arrangements
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- A EED 699 Special Problems 1-3 credits; Grading Method REG/AUD**
Contact department to make arrangements
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- A EED 789S Special Topics: Developing and Maintaining Community Relations 3 credits; Grading Method REG/AUD**
0101 Tu 4:30pm-7:00pm Bldg SYM, Room 0115 Staff
- A EED 799 Master's Thesis Research 1-6 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- A EED 899 Doctoral Dissertation Research 1-8 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

AGRI**AGRICULTURE****(AGRICULTURE)**

- AGRI 389 Internship In Natural Resources Management 3 credits; Grading Method S-F**
Permission of department required. Natural Resources Management majors only
0101 Time Arranged Room Arranged Gibson Jr., G

AGRO**AGRONOMY****(AGRICULTURE)**

- AGRO 386 Field Work 1-3 credits; Grading Method REG P-F/AUD**
Permission of department required.
0101 Time Arranged Room Arranged Staff
- AGRO 387 Field Work Analysis 1-3 credits; Grading Method REG P-F/AUD**
Permission of department required
0101 Time Arranged Room Arranged Staff
- AGRO 499 Special Problems In Agronomy 1-3 credits; Grading Method REG P-F/AUD**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- AGRO 608 Research Methods 2 credits; Grading Method REG/AUD**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- AGRO 608A Research Methods: Field Studies In Pedology 1-4 credits; Grading Method REG/AUD**
Permission of department required
0201 Time Arranged Room Arranged Rabenhurst, M
- AGRO 799 Master's Thesis Research 1-6 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- AGRO 899 Doctoral Dissertation Research 1-8 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

AMST**AMERICAN STUDIES****(ARTS AND HUMANITIES)**

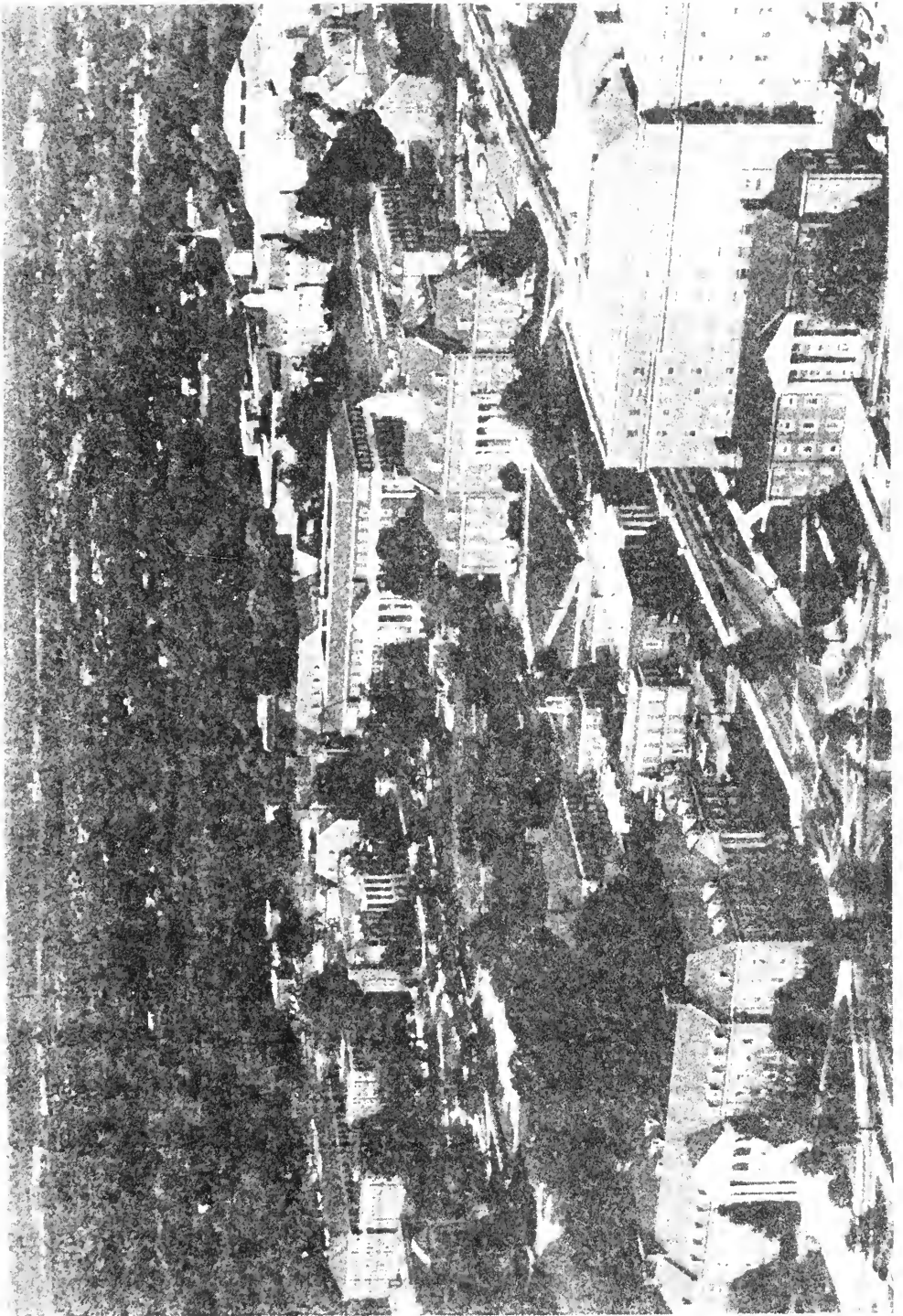
- AMST 203 Popular Culture In America 3 credits; Grading Method REG P-F/AUD**
Meets USF Distributive Studies (D) Social and Behavioral Sciences requirement.
0201 MW 10:00am-4:00pm Bldg TLF, Room 2108 Mintz, L
An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.
- AMST 330 Critique of American Cultural 3 credits; Grading Method REG P-F/AUD**
Meets USF Advanced Studies Analysis of Human Problems requirement.
0201 TuTh 1:00pm-4:00pm Bldg TLF, Room 2108 Mintz, L
Philosophy of American social purpose and thought. Readings from "classical" American thinkers, contemporary social commentators, and American studies scholars.
- AMST 398 Independent Studies 1-3 credits; Grading Method REG P-F/AUD**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- AMST 428A American Cultural Eras: Social Dramas In American Cultural History 3 credits; Grading Method REG P-F/AUD**
Meets USF Advanced Studies Development of Knowledge requirement.
0101 MW 7:00pm-10:00pm Bldg TLF, Room 2126 Lounsbury, M
Focus on images of the future—as found in advertising, utopian literature, film, world's affairs, science fiction, community planning and Toffler's "Future Shock"—to illustrate the strategies of social rhetoric and institutions in responding to the conflict and changes of America's past. Prerequisite: a prior course in American studies, history, or sociology.
- AMST 428B American Cultural Eras: American Film Culture In the 1960's 3 credits; Grading Method REG P-F/AUD**
Meets USF Advanced Studies Analysis of Human Problems requirement.
0101 MW 10:00am-4:00pm Bldg TLF, Room 2126 Lounsbury, M
Investigating the interaction between the film medium and an era of significant cultural change, the topic will emphasize: 10 institutional factors (the Hollywood industry, the avant-garde film critics) that influence the production and appreciation of the motion picture, 20 Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing substantial transformations during this period, documentaries and experimental narrative films exploring the medium as an instrument for social observation and reform. Prerequisite: one of the following: American studies course; a film course; a twentieth-century American history course; an art history course; a sociology course.
- AMST 698 Directed Readings In American Studies 3 credits; Grading Method REG/AUD**
0201 Time Arranged Room Arranged Staff
0101 Time Arranged Room Arranged Staff
- AMST 799 Master's Thesis Research 1-6 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- AMST 899 Doctoral Dissertation Research 1-8 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

ANSC**ANIMAL SCIENCE****(AGRICULTURE)**

- ANSC 386 Field Work 1-3 credits; Grading Method REG P-F/AUD**
Permission of department required.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ANSC 387 Field Work Analysis 1-3 credits; Grading Method REG P-F/AUD**
Permission of department required
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ANSC 399 Special Problems In Animal Science 1-2 credits; Grading Method REG P-F/AUD**
Permission of department required.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ANSC 699 Special Problems In Animal Science 1-2 credits; Grading Method REG/AUD**
Permission of department required.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ANSC 799 Master's Thesis Research 1-6 credits; Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ANSC 899 Doctoral Dissertation Research 1-8 credits; Grading Method REG**
Permission of department required.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

AGRI**ANTH****ANTHROPOLOGY****(BEHAVIOR AND SOCIAL SCI)**

- ANTH 389 Research Problems 1-6 credits; Grading Method REG P-F/AUD**
0201 Time Arranged Room Arranged Staff
- ANTH 389C Research Problems: Culture and Personality 3 credits; Grading Method REG P-F/AUD**
Meets USF Advanced Studies Development of Knowledge requirement.
0101 MTuWThF 9:30am-10:50am Bldg. WDS, Room 1114 Stuart, W
- ANTH 401 Cultural Anthropology: Principles and Processes 3 credits; Grading Method REG P-F/AUD**
Meets USF Advanced Studies Development of Knowledge requirement.
0101 MTuWThF 12:30pm-1:50pm Bldg WDS, Room 1114 Stuart, W
Prerequisite: ANTH 101, 102, or 221. An examination of the nature of human culture and its processes, both historical and functional. The approach will be topical and theoretical rather than descriptive.
- ANTH 499A Field Methods In Archaeology: Summer Field School In Archaeology 1-8 credits; Grading Method REG P-F/AUD**
See special programs of catalog.
0101 MTuWThF 8:00am-4:00pm Room Arranged Leone, M
- ANTH 688A Special Problems In Anthropology 1-6 credits; Grading Method REG/AUD**
0101 Time Arranged Room Arranged Leone, M
- ANTH 699A Advanced Field Training In Archaeology 1-6 credits; Grading Method REG/AUD**
See special programs section of catalog.
0101 MTuWThF 8:00am-4:00pm Room Arranged Leone, M
- ANTH 705 Internship 6-12 credits; Grading Method REG/AUD**
Permission of department required.
0101 Time Arranged Room Arranged (LAB) Chambers, E
Prerequisite: ANTH 701. Problem-oriented internship with an appropriate public agency or private institution. Minimum 6 credits. Review of departmental internship experience.
- ANTH 712 Internship Analysis 3 credits; Grading Method REG/AUD**
0101 Time Arranged Room Arranged Chambers, E
Prerequisite: ANTH 705. The preparation and presentation of internship reports; development of skills in report writing and presentation. The completion of a professional quality report based on the internship experience. Review of problems in ethics and professional development.



APDS

(ARTS AND HUMANITIES)

APPLIED DESIGN

- APDS 101 Fundamentals of Design 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 MW 9:00am-12:00pm Bldg MMH, Room 2411 (LAB) Roper, J
 Knowledge of basic art elements and principles gained through design problems which employ a variety of media.
- APDS 102 Design II 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 MW 1:00pm-4:00pm Bldg MMH, Room 2415 (LAB) Eckerley, M
 Prerequisite: APDS 101 Continued exploration of design as a means of visual expression with added emphasis on color and lighting.
- APDS 103 Design III: Three-Dimensional Design 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 TuTh 8:00am-12:30pm Bldg MMH, Room 2415 (LAB) Thomas, C
 Pre- or corequisite APDS 102 Creative efforts directed to discriminating use of form, volume, depth, and movement.
- APDS 104 Survey of Design History 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 9:30am-10:50am Bldg MMH, Room 1400 McWhinnie, H
 A general introduction to, and historical development of, the design fields from 1850 to the present. Examination of the influence of design on our lives and our environment, with emphasis on western culture.
- APDS 210 Presentation Techniques 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 TuTh 8:00am-12:30pm Bldg MMH, Room 1108 (LAB) Oland, S
 Prerequisites: APDS 101, 102 or equivalent Comparative approach to basic presentation techniques used in the several areas of commercial design.
- APDS 237 Photography 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 TuTh 1:30pm-6:00pm Bldg MMH, Room 0110 (LAB) Elliott, L
 Prerequisites: APDS 101, 102, or equivalent Study of fundamental camera techniques. Exploration of the expressive possibilities in relation to the field of design and visual communication.
- APDS 337 Advanced Photography 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 TuTh 8:00am-12:30pm Bldg MMH, Room 0110 (LAB) Elliott, L
 Prerequisite: APDS 237 Composition, techniques and lighting applied to illustration, documentation, advertising design, and display.
- APDS 431 Advanced Problems in Advertising Design 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets JUN 1 to JUL 24
 TuTh 8:00am-12:30pm Bldg MMH, Room 1413 Thorpe, J
 Prerequisite: APDS 430 Advanced problems in design and layout planned for developing competency in one or more areas of advertising design.
- APDS 499A Individual Problems in Applied Design 3-4 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff

ARCH

(ARCHITECTURE)

ARCHITECTURE

- ARCH 170 Introduction to the Built Environment 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 9:30am-10:50am Bldg ARC, Room 1105 Johns, F
 Introduction to conceptual, perceptual, behavioral and technical aspects of environmental design, methods of analysis, problem solving and project implementation.
- ARCH 222 History of Western Architecture 3 credits; Grading Method: REG-P-F-AUD**
- 0201 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 9:30am-10:50am Bldg ARC, Room 1105 Vann, R
 Prerequisite: ARCH 170 or permission of instructor Survey of the major monuments and styles of western architectural history from the ancient world to the twentieth century. Not available for credit to students who have taken ARCH 220 or ARCH 221. Not available for credit to students who have taken ARCH 340 or ARCH 341.
- ARCH 242 Drawing I 2 credits; Grading Method: REG-P-F-AUD**
- 0101 TuTh 7:00pm-10:00pm Bldg ARC, Room 1105 Staff
 Introduces the student to basic techniques of sketching and use of various media.
- ARCH 428C Selected Topics in Architectural History: Cape May Seminar 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets MAY 31 to JUN 25
 5:31-8:25-87
 Contact David Fogle for information Attendance in Cape May, NJ required
 Room Arranged Staff
 A survey of the development of American styles of architecture from colonial days to the early twentieth century with emphasis on the middle and late Victorian period, analysis of selected Victorian buildings in the city of Cape May, N.J., a National Register landmark site.
- ARCH 470 Computer Applications in Architecture 3 credits; Grading Method: REG-P-F-AUD**
- 0101 TuTh 7:00pm-10:00pm Bldg ARC, Room 1115 O'Konski, A
 Prerequisite: ARCH 302 or permission of instructor Introduction to computer programming and utilization with conceptual, behavioral and technical aspects.
- ARCH 488C Selected Topics in Architectural Preservation: Cape May Historic Preservation Workshop 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff
 Contact David Fogle for information Attendance in Cape May, N.J. required 31 May - 25 June
 Four hours of "hands on" restoration work with historic structures and one hour evening lecture for a five-day, four-week period in Cape May, New Jersey, National Register of Historic Places landmark site.

AREC

AGRICULTURE AND RESOURCE ECONOMICS (AGRICULTURE)

- AREC 365 World Hunger, Population, and Food Supplies 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP Advanced Studies Analysis of Human Problems requirement.
 MTuWThF 9:30am-10:50am Bldg HJP, Room 2242 Hanson, J
 An introduction to the problem of world hunger and possible solutions to it. World demand, supply, and distribution of food. Alternatives for leveling off world food demand, increasing the supply of food, and improving its distribution. Environmental limitations to increasing world food production.

AREC cont.

- AREC 399 Special Problems 1-2 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- AREC 699 Special Problems in Agricultural and Resource Economics 1-2 credits; Grading Method: REG-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- AREC 799 Master's Thesis Research 1-6 credits; Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- AREC 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

ARTH

(ARTS AND HUMANITIES)

ART HISTORY

- ARTH 100 Introduction to Art 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 9:30am-10:50am Bldg ASY, Room 1213 Wages, S
 0201 MTuWThF 8:00am-9:20am Bldg ASY, Room 1213 Garff, D
 Basic tools of understanding visual art. This course stresses major approaches such as techniques, subject matter, form, and evaluation. Architecture, sculpture, painting, and graphic arts will be discussed. Requirement of all art majors in the first year.
- ARTH 260 History of Art 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 11:00am-12:20pm Bldg ASY, Room 1213 Spiro, M
 A survey of western art as expressed through architecture, sculpture and painting. Prehistoric times to Renaissance.
- ARTH 261 History of Art 3 credits; Grading Method: REG-P-F-AUD**
- 0201 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 9:30am-10:50am Bldg ASY, Room 1213 Hoffman, J
 A survey of western art as expressed through architecture, sculpture and painting from Renaissance to the present.
- ARTH 320 Masterpieces of Painting 3 credits; Grading Method: REG-P-F-AUD**
- 0201 Meets USP Distributive Studies (C) Literature and the Arts requirement.
 MTuWThF 11:00am-12:20pm Bldg ASY, Room 3215 Weiler, D
 A study of the contributions of a few major painters, ranging from Giotto to Titian.
- ARTH 386 Field Work 1-3 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
 Permission of department required.
- ARTH 387 Field Work Analysis 1-3 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
 Permission of department required.
- ARTH 425 High Renaissance Art in Italy 3 credits; Grading Method: REG**
- 0201 Meets USP 9:30am-10:50am Bldg ASY, Room 3215 Johnson, L
 Architecture, sculpture and painting from about 1500 to 1525.
- ARTH 440 19th Century European Art 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 9:30am-10:50am Bldg ASY, Room 3215 Ottesen, B
 Architecture, sculpture and painting in Europe from Neo-Classicism to Romanticism.
- ARTH 450 20th Century Art 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 11:00am-12:20pm Bldg ASY, Room 3215 Denny, D
 Painting, sculpture and architecture from the late 19th century to 1920.
- ARTH 451 20th Century Art 3 credits; Grading Method: REG-P-F-AUD**
- 0201 Meets USP 11:00am-12:20pm Bldg ASY, Room 3211 Hoffman, J
 Painting, sculpture and architecture from 1920 to the present.
- ARTH 476 History of American Art to 1900 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 8:00am-9:20am Bldg ASY, Room 3215 Tebow, E
 Architecture, sculpture and painting in the United States from the Colonial period to 1900.
- ARTH 498 Directed Studies in Art History I 2-3 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- ARTH 499 Directed Studies in Art History II 2-3 credits; Grading Method: REG-P-F-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- ARTH 698 Directed Graduate Studies in Art History 3 credits; Grading Method: REG-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- ARTH 798 Directed Graduate Studies in Art History 3 credits; Grading Method: REG-AUD**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- ARTH 799 Master's Thesis Research 1-6 credits; Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- ARTH 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

ARTS

ART STUDIO

- ARTS 100 Elements of Design 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 9:00am-5:30pm Bldg ASY, Room 2317 Blotner, P
 0201 MTuWThF 3:00pm-5:30pm Bldg ASY, Room 2317 Craig, P
 Principles and elements of design through manipulation and organization of materials in two and three dimensions.
- ARTS 110 Elements of Drawing 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 11:00am-1:30pm Bldg ASY, Room 2317 (LAB) Pogue, S
 0201 MTuWThF 11:00am-1:30pm Bldg ASY, Room 2317 (LAB) Morrison, K
 An introductory course with a variety of media and related techniques. Problems based on still life, figure and nature.
- ARTS 200 Intermediate Design 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 3:00pm-5:30pm Bldg ASY, Room 2317 Blotner, P
 0201 MTuWThF 3:00pm-5:30pm Bldg ASY, Room 2317 Craig, P
 Prerequisite: ARTS 100 AND 110. A continuation of Design I with more individually structured problems in terms of form, composition and meaning.
- ARTS 210 Intermediate Drawing 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 11:00am-1:30pm Bldg ASY, Room 2317 (LAB) Pogue, S
 0201 MTuWThF 11:00am-1:30pm Bldg ASY, Room 2317 (LAB) Morrison, K
 Prerequisites: ARTS 100 AND 110. Emphasis on understanding organic form, as related to study from the human figure and to pictorial composition.
- ARTS 320 Elements of Painting 3 credits; Grading Method: REG-P-F-AUD**
- 0101 Meets USP 9:00am-9:00pm Bldg ASY, Room 2317 (LAB) Niese, H
 0201 MTuWThF 8:30pm-9:00pm Bldg ASY, Room 2317 (LAB) Klenk, R
 Prerequisite: ARTS 210. Basic tools and language of painting. Oil and/or water-based paints.



FORM BOOKLET CONTENTS:

Visiting Graduate and Advanced Special Student Application.....	Page 3
Undergraduate Admission Application.....	5
Schedule Request and Estimated Bill Form – <i>Summer Session I</i>	7-9
Schedule Request and Estimated Bill Form – <i>Summer Session II</i>	11-13
Summer Residence Halls Agreement.....	15-16

GUIDELINES FOR COURSE SELECTION

Courses with multiple sections may be offered in both summer sessions. The session for which a specific section is scheduled is designated by the first two digits of the section number: 01 for Summer Session I; 02 for Summer Session II.

If the course or section meeting dates deviate from the regular Summer Session dates, the specific starting and ending dates are displayed below the title for the course. The section number indicates the session to which a nonstandard course or section belongs for registration purposes.

Below are 3 examples of typical course listings in the schedule of classes. In using the registration forms students should take care that the form for the proper session is completed: the Session I form is for course sections beginning with 01; the Session II form is for course sections beginning with 02.

USE OF THE WRONG FORM WILL INVALIDATE THE REGISTRATION

Additional information on nonstandard date courses may be found on page 6 of the catalog. In many instances registration, billing and grading procedures will be different for these courses.

- ECON 205 Fundamentals of Economics** 3 credits, grading method Reg P-F/Aud
 USP Distributive Studies (D) Soc and Behavioral Sciences Approved Courses

0101	MTuWThF8	Bldg. G, Rm. 3118	Staff
0102	MTuWThF11	Bldg. GG, Rm 3111	Staff
0201	MTuWThF9:30	Bldg. GG, Rm 3109	Staff

IN THIS EXAMPLE, SECTIONS 0101 AND 0102 MEET DURING SUMMER SESSION I FIVE DAYS PER WEEK AT THE TIMES INDICATED. SECTION 0201 MEETS DURING THE SECOND SUMMER SESSION FIVE DAYS PER WEEK AT THE TIME INDICATED. SECTION 0101 MEETS IN BUILDING G (JOURNALISM BUILDING) AND SECTIONS 0102 AND 0201 MEET IN BUILDING GG (COLE STUDENT ACTIVITIES BLDG). BUILDING CODES ARE LISTED WITH THE MAP AT THE BACK OF THIS CATALOG.

- DANC 100 Modern Dance I for Non-Majors** 2 credits, grading method Reg P-F/Aud
 0102-12 Jun-24 Jun

0101	MTuWThF9:30	Bldg W Rm 2102	Rosen, M
0102	MTuWThF11	Bldg EE, Rm 1115	Owens, G

Basic principles of modern dance, emphasizing fundamentals of movement.

IN THIS EXAMPLE, SECTION 0101 MEETS FOR THE ENTIRE SUMMER SESSION I FIVE DAYS PER WEEK AT THE TIME INDICATED. SECTION 0102 BEGINS JUN 12 AND ENDS JUN 24 – THIS IS A NON-STANDARD DATE COURSE FOR SUMMER SESSION I.

- MUSC 448B Special Topics in Music Vocal Production and Repertoire** 3 credits, grading method: Reg/Aud
 0201 – 11 Jul – 28 Jul

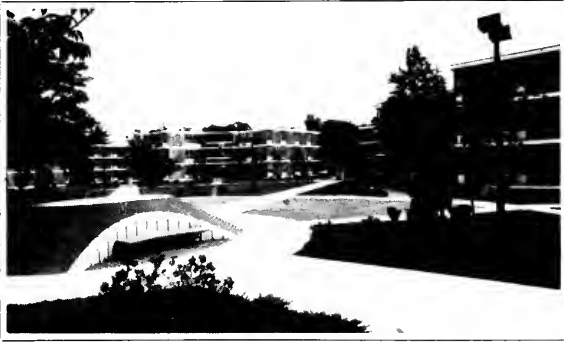
0201	MTuWThF9-12	Bldg NN, Rm 2123	Fleming, L
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IN THIS EXAMPLE, THIS COURSE IS A NON-STANDARD DATE COURSE WHICH IS OFFERED BETWEEN JULY 11 AND JULY 28. THIS IS A SUMMER SESSION II COURSE AND THE SESSION II REGISTRATION FORM MUST BE USED.

Any course that has the note "BY PERMISSION ONLY" requires a Department Stamp next to your course listing(s) on the Schedule Request Form. This stamp must be obtained from the Department offering the course prior to registration for the course.

SUMMER SESSION FORM BOOKLET

LIVE ON CAMPUS THIS SUMMER!



Enjoy living on campus this summer in apartments/suites with single and double bedrooms accommodating four to eight students. Apartments/suites are fully furnished, with carpeting and the comfort of air-conditioning. Apartments include full kitchens.

Take a break from studying with the recreational facilities nearby. Tennis, basketball and volleyball are available for your enjoyment, or relax in the Community Center offering video games, snacks, laundry facilities and telephones.



Early reservations are advised, see the Summer Residence Halls Agreement, pages 15-16.

NON-DEGREE APPLICATION FOR GRADUATE ADMISSION

A non-refundable fee of U.S. \$20.00 must accompany the application. Incomplete application will be returned.



The Graduate School
University of Maryland/UMCP
College Park, Maryland 20742

Are you claiming Maryland residency? yes no (If yes, complete the back of this application)

Have you ever applied to our Graduate School before either as an Advanced Special or Degree Seeking Student? yes no Year _____

Do you qualify for the Golden I.D. fee waiver? yes no

SOCIAL SECURITY NUMBER

			-			-						
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G	R	A	D
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SUMMER TERM 1987

Name: Last Name _____ First _____ Middle _____ Other _____

Present Address: Street _____ City _____ State or Country _____ Zip Code _____ MD County _____ Phone Numbers Home: _____ Work: _____

Please check one criterion <input type="checkbox"/> Visiting Graduate Institute <input type="checkbox"/> Advanced Special Student (check one criterion) <input type="checkbox"/> a. Bachelor Degree with 3.0 gpa <input type="checkbox"/> b. Masters or Doctoral Degree <input type="checkbox"/> c. Bachelor Degree (4 yrs out) <input type="checkbox"/> d. Test Scores	Citizenship <input type="checkbox"/> U.S. <input type="checkbox"/> Non-U.S. Non-U.S. Citizens or Permanent Immigrants Country of Citizenship _____ City and Country of Birth _____ Type of Visa _____ Permanent Alien Registration # _____ Date of Issue _____
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The information in this item is solely for the purpose of determining compliance with Federal civil rights law. Your response will not affect consideration of your application.

Birthdate _____ (mmddy) Race: American Indian Native Indian Hispanic
 Sex: Male _____ Female _____
 Black, not of Hispanic origin White
 Asian Pacific Islander

List in chronological order, all colleges, universities or other institutions of higher learning which you have attended, including the University of Maryland. Attach official transcript if required for admission as an Advanced Special Student. Visiting graduate students must submit a letter of permission from the applicant's Dean indicating that the applicant is in good standing

INSCODE	Name of Inst	Location	From	To	Major	Degree	Date Awarded/ Expected	Overall Average

If appropriate, please complete the following and have the testing agency send OFFICIAL test results to the Graduate School. If you have not taken the required examination, indicate when you plan to do so. Our institutional code is 5814

Graduate Record General (Aptitude) (GRE) Date _____ Verbal _____ Quantitative _____ Analytical _____
 Miller Analogies Test (MAT) Date _____ Score _____
 Graduate Management Admissions Test (GMAT) Date _____ Score _____
 Test of English as a Foreign Language (TOEFL) Date _____ Score _____

List any work and military experiences (major categories and time periods only) for the past two years.

TITLE OR PERSON	EMPLOYER	STATE	FROM	TO

MARYLAND RESIDENTS ONLY

The following information is used to determine your eligibility for in-state status for admission and tuition purposes. The University reserves the right to request additional information if necessary.

YES NO

- 1. For the most recent 12 months has another person(s) provided half or more than half your support?
- 2. Have you been, or will you be claimed as a dependent by another person(s) on federal and/or state income tax returns for any of the following years? 1986? YES NO 1987? YES NO
- 3. If the answer to 1 and/or 2 is yes, indicate name of person who has provided financial support or is claiming you as a dependent.
Name _____ Relationship to applicant _____

If you, the applicant, answered "NO" to questions 1 and 2, please complete the following.

****IN ALL OTHER CASES****

The person listed in question 3 should complete the following.

- 4. Are you or your spouse a full-time member of the U.S. Armed Forces?
If yes, you may omit questions 5-16. Please attach a photocopy of most recent orders.
- 5. Current Residence _____
Street Address Apt. # City County State Zip M / D / Y M / D / Y
(Dates Occupied)
- 6. Previous Residence _____
Street Address Apt. # City County State Zip M / D / Y M / D / Y
- 7. Do you own any property outside of Maryland? Date of acquisition _____
If yes, for what purpose do you hold such property? _____
- 8. Are you a citizen of the United States?
If no, type of visa _____ Alien Registration Number _____
Date visa issued _____ Expiration date of visa _____
- 9. Are you registered to vote?
a. If yes, in what state/country? _____ b. Date of registration _____
- 10. Do you possess a valid driver's license?
a. If yes, in what state was it issued? _____ b. Date of issue _____
- 11. Do you own a motor vehicle(s)?
a. If yes, registered in what state _____ b. Date of registration _____
- 12. Do you have the use of a motor vehicle registered in another person's name?
If yes, indicate the name and relationship of person _____
- 13. Have you paid Maryland income tax for the most recent year on all earned income including all taxable income earned outside the State?
If no, please state reason _____
- 14. List actual years and state in which you have filed a tax return in the last 3 years _____
(State/Country Tax Year) (State/Country Tax Year) (State/Country Tax Year)
- 15. If employed, is Maryland income tax being withheld?
- 16. Did you give a Maryland home address on most recent federal and state income tax forms?
- 17. Do you receive any type of financial aid (loans, scholarships, grants) from a state other than Maryland?
YES NO If yes, from which state _____

I certify that the information submitted in this application is complete and accurate to the best of my knowledge. I agree to abide by the rules, policies and regulations of the University of Maryland if I am admitted as a student.

Signature _____ Date _____

University of Maryland College Park Campus

Undergraduate Application for *Summer Only*

Do not use this application to apply for reinstatement or to apply as a degree seeking student.

Please confine name and address to the spaces provided, abbreviate where necessary and leave a space between name and initial (if used) DO NOT WRITE IN SHADED SPACES

1.

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U.S. Social Security Number

2.

--	--	--

Last Name First Name Middle Name

3.

--	--	--	--

Number & Street of Present Mailing Address City State Zip Code

4.

--	--	--	--	--	--

County Country Area Code & Telephone Number

6. Length of time you've occupied the above address:

--	--	--

 M D Y

--	--	--

 M D Y _____ Former Name

8. Please check the appropriate box below

White, not of Hispanic Origin Asian or Pacific Islander American Indian or Alaskan Native

Black, not of Hispanic Origin Hispanic

RA:

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 GEOG:

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 CITZ:

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 APPFEE:

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7.

--	--	--	--

 M D Y Birthdate

UGTERM:

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 COUST:

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9. Are you a United States citizen? Yes No If no, please complete the following

Country of birth _____ Country of citizenship _____ Type of visa _____

Alien registration number _____ Date issued _____ Date of expiration _____

10. Please read instructions on page 8 and check one admission status

a. high school graduate.

b. visitor from another college university.

c. college university graduate.

d. former UMCP student who was in good standing or on academic probation at the conclusion of your last semester

3	
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UG TYPE ENSTAT

11. Have you previously applied for admission to the University of Maryland? Yes No

If yes, which campus? UMAB UMBC UMCP UMES UMUC

Type of program: Undergraduate Graduate

Term Year Applied For: _____ Dates of Attendance: _____

12. List the high school from which you graduated or expect to graduate. Also list all colleges and universities previously attended including U of MD. Failure to list all institutions previously attended may result in cancellation of admission and any registration.

Name of Institution	Location City, State	Attendance Dates Month and Year		Grad Date	Credits Earned	Degree Obtained
		From	Through			
Secondary School or GED						
College/University						
College/University						

High School:

--	--	--	--	--	--	--	--

College Board Code:

--	--	--	--	--	--	--	--

Previous Institution Code:

--	--	--	--	--	--	--	--

13. Are you currently attending the last institution mentioned? Yes No

14. Are you in good academic standing at all previous institutions? Yes No If no, please explain _____

MARYLAND RESIDENTS ONLY

The following information is used to determine your eligibility for in-state status for admission and tuition purposes. The University reserves the right to request additional information if necessary.

YES NO

- 15. For the most recent 12 months has another person(s) provided half or more than half your support?
- 16. Have you been, or will you be claimed as a dependent by another person(s) on federal and/or state income tax returns for any of the following years? 1985? YES NO 1986? YES NO
- 17. If the answer to 15 and/or 16 is yes, indicate name of person who has provided financial support or is claiming you as a dependent.
Name _____ Relationship to applicant _____

If you, the applicant, answered "NO" to questions 15 and 16, please complete the following.

****IN ALL OTHER CASES****

The person listed in question 17 should complete the following.

- 18. Are you or your spouse a full-time employee of the University?
If yes, you may omit questions 19-32. Please attach a letter from your personnel office confirming full-time employment.
(Dates Occupied)
- 19. Current Residence _____
Street Address Apt. # City County State Zip M / D / Y M / D / Y
(Dates Occupied)
- 20. Previous Residence _____
Street Address Apt. # City County State Zip M / D / Y M / D / Y
- 21. Do you own any property outside of Maryland? Date of acquisition _____
If yes, for what purpose do you hold such property? _____
- 22. Are you a citizen of the United States?
If no, type of visa _____ Alien Registration Number _____
Date visa issued _____ Expiration date of visa _____
- 23. Are you registered to vote?
a. If yes, in what state/country? _____ b. Date of registration _____
- 24. Do you possess a valid driver's license?
a. If yes, in what state was it issued? _____ b. Date of issue _____
- 25. Do you own a motor vehicle(s)?
a. If yes, registered in what state _____ b. Date(s) of registration _____
- 26. Do you have the use of a motor vehicle registered in another person's name?
If yes, indicate name and relationship of person _____
- 27. Have you paid Maryland income tax for the most recent year on all earned income including all taxable income earned outside the State?
If no, please state reason _____
- 28. List actual years and state in which you have filed a tax return in the last 3 years: _____
(State Country Tax Year) (State Country Tax Year) (State Country Tax Year)
- 29. If employed, is Maryland income tax being withheld?
- 30. Did you give a Maryland home address on most recent federal and state income tax forms?
- 31. Do you receive any type of financial aid (loans, scholarships, grants) from a state other than Maryland?
If yes, from which state _____
- 32. Are you or your spouse a full-time member of the U.S. Armed Forces?

YES NO

Sign

Sign

Sign

By signing below, high school graduates and students currently enrolled in colleges other than the University of Maryland College Park Campus certify that they meet requirements for admission for the summer session(s). To be eligible for admission for the summer session(s), a high school graduate must have graduated with an overall "C" average in academic subjects. Applicants currently attending (or attended in the past) another college or university must be in good standing at that institution and have the permission of the parent institution to enroll for the summer session.

I certify that I meet the requirements as listed above and that the information recorded on this form is correct. I understand that inaccurate or false information will result in my dismissal from the University. I also understand that this form does not place me into consideration for admission to the College Park Campus for the fall or spring terms.

Sign

Signature of Applicant _____ Date _____

RES.	DEC.	CODE	DATE	EVAL	DATE LT SENT

Estimated Billing Form

1987
SUMMER SESSION I ONLY

ESTIMATED BILLING FORM INSTRUCTIONS:

- Add the number of credit hours on the Schedule Request Form. Only courses listed on that page should be included in this total
- Locate your status (undergraduate, graduate resident, graduate non-resident) on lines 1-4 above. (Please note, A Graduate Student is one who has been admitted to the Graduate School either at the University of Maryland or another institution. Students who have graduated from this or another institution are not considered graduate students until they have been admitted to the Graduate School. Any student not admitted to the Graduate School is classified as an Undergraduate. If you have any questions on this or your residence status, please call the Undergraduate Admissions Office, 454-4137 or the Graduate Records Office, 454-5428. The University reserves the right to make the final and official determination of the student's residence status.)
- On the line next to your status circle the number of credit hours you have requested above. The number below the hours circled is your cost of tuition.
- Enter the cost in the amount column on the right. If you are an Undergraduate Non-resident, enter the \$20.00 Non-resident Fee (line 2) in the amount column.
- Line 5 lists mandatory fees charged to every student each summer session. The fees are therefore entered in the amount column for you.
- If you are requesting On-Campus Housing, enter the appropriate amount for 6 weeks on line 6 in the amount column. If your course schedule requires other than 6 weeks residence, enter the number of weeks, calculate the amount and enter it in the amount column of line 7. Attach the Residence Halls Agreement tear-off portion to the Schedule Request and Estimated Bill Form.
- If you wish to register a car for the summer, enter \$4 on line 8. Parking stickers must be picked up at the Motor Vehicle Administration Office on the campus. Note: UM students' stickers assigned the previous Fall semester are valid through August.
- If this form is accompanied by an Application, you must also pay an Application Fee. If this pertains to you, enter the appropriate amount on line 9. Note: only one Application for Admission and one Application Fee is required for both summer sessions.
- To determine the amount you owe the University add all charges entered in the amount column. Enter this total on line 10. Make a check for the amount owed payable to the University of Maryland. Write Student Social Security Number on face of check. You will be notified of any bill adjustments that are necessary. Payment must accompany the Estimated Bill Form.
- Students entitled to credit on their bills (contract, scholarships, etc.) must attach a purchase order from the agency paying their fees and/or certifying documentation for the scholarship credit.
- MONIES OWED THE UNIVERSITY WILL BE DEDUCTED FROM CHECKS RECEIVED PRIOR TO APPLICATION OF THE REMAINDER TO SUMMER SCHOOL TUITION CHARGES INCURRED DURING THE SUMMER ARE PAYABLE IMMEDIATELY.
- Enclose the Schedule Request and Estimated Bill Form (and if applicable, application and housing request) along with your check in the return envelope provided herein, or use the following address:

Office of the Bursar
Summer Mail-In Registration
Room 1108 South Administration Bldg.
University of Maryland
College Park, Maryland 20742

ESTIMATED BILL FORM											AMOUNT	
Undergraduate Students	CREDIT HOURS											
	1	2	3	4	5	6	7	8	9	10		
1. Tuition	84	168	252	336	420	504	588	672	756	840	\$	
2. Non-Resident Undergraduate Fee (flat fee, not per cr. hr.)											\$20.00	\$
Graduate Students	CREDIT HOURS											
	1	2	3	4	5	6	7	8				
3. Resident Tuition	99	198	297	396	495	594	693	792			\$	
4. Non-Resident Tuition	176	352	528	704	880	1056	1232	1408			\$	
5. Mandatory Fees For All Students	Registration Fee										\$ 5	\$ 5.00
	Recreation Fee										\$ 6	\$ 6.00
	Health Fee										\$ 5	\$ 5.00
	Auxiliary Facilities Fee										\$ 6	\$ 6.00
6. On-Campus Housing (attach Residence Halls Agreement Form)	Six Weeks										\$368.64	\$
	_____ Wks for \$61.44 wk (must be at least 6 wk period)											\$
8. Vehicle Registration Fee											\$ 4	\$
Each Additional Vehicle										\$10	\$	
9. Application Fee for New Students (non-refundable)											\$20	\$
TOTAL BILL											\$	

MAKE CHECKS PAYABLE TO UNIVERSITY OF MARYLAND. INCLUDE THE STUDENT SOCIAL SECURITY NUMBER ON CHECK.

One check may be used to pay for both summer sessions. Add the 'Total Bill' from both estimated bill forms to determine the total amount of your check.

NOTE: Fees listed are subject to change at any time without advance notice.

PLEASE NOTE: At press time, credit cards not yet approved. CHECK AT 454-3121 BEFORE USING. Registration will not be valid without proper payment.

All tuition and fees subject to adjustment.

If you wish to use your credit card, check one and fill in:

CHOICE MasterCard VISA

Customer Account Number _____

Effective Date _____ Expiration Date _____

Your Signature _____

Estimated Billing Form

1987
SUMMER SESSION II ONLY

ESTIMATED BILLING FORM INSTRUCTIONS:

- 1 Add the number of credit hours on the Schedule Request Form. Only courses listed on that page should be included in this total.
- 2 Locate your status (undergraduate, graduate resident, graduate non-resident) on lines 1-4 above. (Please note: A Graduate Student is one who has been admitted to the Graduate School either at the University of Maryland or another institution. Students who have graduated from this or another institution are not considered graduate students until they have been admitted to the Graduate School. Any student not admitted to the Graduate School is classified as an Undergraduate. If you have any questions on this or your residence status, please call the Undergraduate Admissions Office, 454-4137 or the Graduate Records Office, 454-5428. The University reserves the right to make the final and official determination of the student's residence status.)
- 3 On the line next to your status circle the number of credit hours you have requested above. The number below the hours circled is your cost of tuition.
- 4 Enter the cost in the amount column on the right. If you are an Undergraduate Non-resident, enter the \$20.00 Non-resident Fee (line 2) in the amount column.
- 5 Line 5 lists mandatory fees charged to every student each summer session. The fees are therefore entered in the amount column for you.
- 6 If you are requesting On-Campus Housing, enter the appropriate amount for 6 weeks on line 6 in the amount column. If your course schedule requires other than 6 weeks residence, enter the number of weeks, calculate the amount and enter it in the amount column of line 7. Attach the Residence Halls Agreement tear-off portion to the Schedule Request and Estimated Bill Form.
- 7 If you wish to register a car for the summer, enter \$4 on line 8. Parking stickers must be picked up at the Motor Vehicle Administration Office on the campus. Note: UM students' stickers assigned the previous Fall semester are valid through August.
- 8 If this form is accompanied by an Application, you must also pay an Application Fee. If this pertains to you, enter the appropriate amount on line 9.
- 9 Note: only one Application for Admission and one Application Fee is required for both summer sessions.
- 9 To determine the amount you owe the University add all charges entered in the amount column. Enter this total on line 10. Make a check for the amount owed payable to the University of Maryland. Write Student Social Security Number on face of check. You will be notified of any bill adjustments that are necessary. Payment must accompany the Estimated Bill Form.
- 10 Students entitled to credit on their bills (contract, scholarships, etc.) must attach a purchase order from the agency paying their fees and/or certifying documentation for the scholarship credit.
- 11 MONIES OWED THE UNIVERSITY WILL BE DEDUCTED FROM CHECKS RECEIVED PRIOR TO APPLICATION OF THE REMAINDER TO SUMMER SCHOOL TUITION. CHARGES INCURRED DURING THE SUMMER ARE PAYABLE IMMEDIATELY.
- 12 Enclose the Schedule Request and Estimated Bill Form (and if applicable application and housing request) along with your check in the return envelope provided herein, or use the following address:

Office of the Bursar
Summer Mail-In Registration
Room 1108 South Administration Bldg.
University of Maryland
College Park, Maryland 20742

ESTIMATED BILL FORM											AMOUNT		
Undergraduate Students	CREDIT HOURS												
	1	2	3	4	5	6	7	8	9	10			
1. Tuition	84	168	252	336	420	504	588	672	756	840	\$		
2. Non-Resident Undergraduate Fee (flat fee, not per cr. hr.)											\$20.00	\$	
Graduate Students	CREDIT HOURS												
	1	2	3	4	5	6	7	8					
3. Resident Tuition	99	198	297	396	495	594	693	792			\$		
4. Non-Resident Tuition	176	352	528	704	880	1056	1232	1408			\$		
5. Mandatory Fees For All Students	Registration Fee										\$ 5	\$	5.00
	Recreation Fee										\$ 6	\$	6.00
	Health Fee										\$ 5	\$	5.00
	Auxiliary Facilities Fee										\$ 6	\$	6.00
6. On-Campus Housing (attach Residence Halls Agreement Form)	Six Weeks										\$368.64	\$	
	_____ Wks @ \$61.44 wk (must be at least 6 wk period)											\$	
8. Vehicle Registration Fee											\$ 4	\$	
	Each Additional Vehicle										\$10	\$	
9. Application Fee for New Students (non-refundable)											\$20	\$	
TOTAL BILL											\$		

MAKE CHECKS PAYABLE TO UNIVERSITY OF MARYLAND. INCLUDE THE STUDENT SOCIAL SECURITY NUMBER ON CHECK.

One check may be used to pay for both summer sessions. Add the "Total Bill" from both estimated bill forms to determine the total amount of your check.

NOTE: Fees listed are subject to change at any time without advance notice.

PLEASE NOTE: At press time, credit cards not yet approved. CHECK AT 454-3121 BEFORE USING. Registration will not be valid without proper payment.

All tuition and fees subject to adjustment.

If you wish to use your credit card, check one and fill in:			
<input type="checkbox"/> CHOICE	<input type="checkbox"/> MasterCard	<input type="checkbox"/> VISA	<input type="checkbox"/>
Customer Account Number _____		Effective Date _____ Expiration Date _____	

Your Signature _____

How To Reserve On-Campus Summer Housing

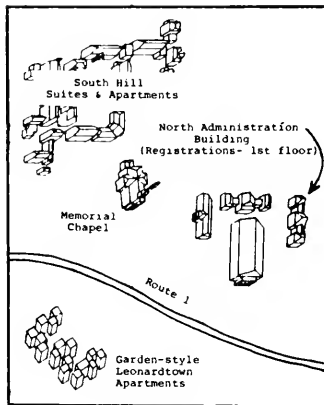
STUDY the terms and conditions under which housing is offered. These are in the Summer Residence Halls Agreement below and on the reverse. **COMPLETE** the Agreement form on the reverse and **sign your name**. Use this form only if your summer enrollment is at the College Park Campus (not University College).

Do not complete the Agreement form if you will be enrolled and working this summer for Resident Life or another campus department. Separate procedures apply; contact Resident Life at 454-2711 or 3117 North Administration Building for instructions.

DETACH the Agreement form at the dotted line and submit it with the appropriate housing payment to the Office of the Bursar. **Payment must be included.** The Agreement may be submitted along with the Schedule Request and Estimated Bill form.

SUBMIT the Agreement by **May 1** (recommended) in order to receive priority consideration for your assignment preferences. Housing will be provided to all interested Summer Sessions students, regardless of the date the Agreement is submitted.

KEEP the Agreement below for your records and information. Notice of your actual assignment will be mailed by Resident Life about 10-14 days before the start of classes.



SUMMER RESIDENCE HALLS AGREEMENT

When the Agreement Form within this booklet is signed by the resident and confirmed by the University this Agreement provides the resident with the opportunity to live in a University summer residence hall, subject to all terms stated below. The resident is also subject to responsibilities and processes set forth in the *Code of Student Conduct*, *Undergraduate/Graduate Catalog*, *Summer Sessions Catalog*, and other relevant University documents.

The residence hall facilities are provided as a service and are unique to the University environment. Therefore, the relationship between the University and the resident, as described within this document, should not be construed to constitute a landlord/tenant relationship.

ELIGIBILITY Individuals must be properly registered for Summer Sessions coursework at the College Park Campus in order to be assigned and be eligible for the Summer Sessions housing fee of \$368.64 for each six-week session. Proof of payment, financial eligibility and proper registration may be required before Resident Life will confirm services at the stated fee and/or permit occupancy. No provisions are made for spouses or family members.

At Resident Life's discretion, other individuals may occupy a summer residence hall subject to a separate fee structure published annually by Resident Life, when these individuals are (a) UMCP students for the preceding spring or coming fall semesters, as demonstrated by a current Registration ID or proof of admission, or (b) students from another campus, college or university, or individuals of similar age and interests, who are visiting UMCP in pursuit of an educational goal and for whom written sponsorship has been provided by a Campus Department or faculty member, a faculty member or administrator from another educational institution, or an administrator of a government agency sponsoring an educational program. Proof of payment of established fees and of eligibility sponsorship may be required before Resident Life will confirm services and/or permit occupancy.

OCCUPANCY PERIODS Housing may be requested for Session I only, Session II only, or for both Sessions I and II. In general, summer occupancy is scheduled from May 31, 1987 to August 21, 1987 for Sessions I and II registrants; from May 31, 1987 to July 10, 1987 for Session I only registrants and from July 12, 1987 to August 21, 1987 for Session II only registrants.

ASSIGNMENT OF BUILDING AND ROOM Summer accommodations are coeducational. Men and women are housed on separate floors or wings of a building or in separate apartment/suite units. Daily hours for visitation may extend to 24 hours. Resident Life does not discriminate in assignment on the basis of race, color, religion or national origin. Summer housing does not affect an individual's request for housing in any subsequent academic term.

An individual who has this Agreement confirmed by Resident Life will be assigned to and is obligated to accept a building and room designated by Resident Life. Available accommodations normally are in apartments (include kitchens and dining area) and suites (no kitchens, no cooking permitted). Both apartments and suites are fully furnished, and have carpeting, shared living room area, 1-2 baths, and single and/or double bedrooms. Individuals assigned to suites must maintain an approved meal program, as determined by the Department of Dining Services, for the full period of assignment to a suite.

Available spaces, especially singles, in each building type are limited. To assure that these spaces are assigned as a building and room designated by Resident Life. Available accommodations normally are in apartments (include kitchens and dining area) and suites (no kitchens, no cooking permitted). Both apartments and suites are fully furnished, and have carpeting, shared living room area, 1-2 baths, and single and/or double bedrooms. Individuals assigned to suites must maintain an approved meal program, as determined by the Department of Dining Services, for the full period of assignment to a suite.

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Building assignments normally are confirmed in advance of the first occupancy date. This confirmation is mailed to the applicant's local address not sooner than about three weeks before the first occupancy date or within 10 days, when the Agreement has been submitted less than three weeks before the first occupancy date.

LIABILITY The University cannot and does not assume responsibility for personal accident, injury, or illness sustained by residents, guests or visitors, nor for the damage, theft, or loss of personal property. The resident releases the University's officers, agents and employees from any liability on account of any accident, injury, illness, property damage, theft, or loss. The University recommends an insurance carrier of the individual's choice to assure protection against such harm or loss.

UNIVERSITY SERVICES: SPACE, UTILITIES, HOUSEKEEPING, FURNISHINGS AND REPAIRS This Agreement, when confirmed by the University, permits the individual to use residence hall facilities and receive services. Although the University will endeavor to provide the following services on a continual basis, interruptions may be necessitated by an act of God, an order of a University/civil authority, a limited or restricted control or availability of resources as determined by the University, maintenance activities, or any condition other than those that is reasonably beyond administrative control. Services are provided in accordance with standards and levels of service determined by the University. It is the expectation of the University that services will be available and uninterrupted and that any disruption of services vital to the health and safety of residents will be restored within a reasonable time.

The University will furnish a space in a residence hall and will grant the resident use of the facilities of the hall in accordance with terms and conditions specified within this Agreement.

The University will provide heat, water and electricity. The University is responsible for cleaning only the designated common areas on a scheduled basis.

The University will provide to each resident one bed, one mattress and cover, one dresser, and one desk and chair set. The University will provide each bed-study room with a mirror, window shade, window screen, and smoke detector.

The University will make all repairs and perform maintenance in the residence hall and the resident's room through authorized personnel. Repairs to the room or University furnishings will occur upon request or in accordance with routine schedules. Repairs and maintenance activities shall be conducted under a system of priority scheduling.

CARE OF FACILITIES The resident accepts responsibility for self and guest(s), for care of the residence hall facility, assigned space, common areas, and University property, and for promptly reporting any interruptions of services or need for repair.

The resident will take reasonable action to protect and prevent the building and property from war, reckless or negligent damage, will refrain from encouraging or participating in activities which cause damage, will report property or facilities damage, and will take reasonable action to assist the University in identifying individuals responsible for damage.

The resident, at the time of checkout, will return the assigned space and its University furnishings in the same condition as they were received, with the exception of reasonable wear and tear, as determined by Resident Life.

The resident assumes responsibility for the appropriate use of safety and security hardware within the assigned space and building and will immediately report loss of assigned key(s).

CONDUCT The resident shall behave in a manner which facilitates a quiet, safe and secure residence hall environment conducive to the pursuit of academic goals.

The resident shall insure that the roommate will have access to and equitable use of the assigned space. The resident will abide by the rules, regulations, policies and procedures established by Resident Life and the University.

Rules and regulations are intended to promote the safety and well-being of residents. They include, but are not limited to, prohibitions against (a) flammable materials, (b) weapons and firecrackers, (c) unauthorized modification of assigned space, (d) pets, (e) duplication and transfer of University keys, (f) disruptive/destructive behavior, (g) behavior such as intimidation or harassment which threatens the property, safety, security, health and well-being of others, (h) improper use of fire safety and building security equipment, (i) threats to and/or interference with University staff in the performance of their duties.

Violation of rules and regulations, as well as violations of probationary status can constitute grounds for termination of the Agreement. When determined by Resident Life that an individual has violated state or federal laws and/or University rules and regulations, and when such conduct indicates that the individual's residence in University residence halls constitutes a threat to the safety, health, or well-being of community members, disciplinary and/or administrative action, including the termination of this Agreement, may be pursued.

The resident shall be responsible for familiarity with all rules and regulations, the behaviors which can result in the termination of the Agreement, and the adjudication procedures. Information may be found in the *Code of Student Conduct*.

Violations of rules and regulations, as well as violations of probationary status can constitute grounds for termination of the Agreement. When determined by Resident Life that an individual has violated state or federal laws and/or University rules and regulations, and when such conduct indicates that the individual's residence in University residence halls constitutes a threat to the safety, health, or well-being of community members, disciplinary and/or administrative action, including the termination of this Agreement, may be pursued.

If a vacancy occurs in the assigned room, the remaining resident(s) agrees to follow established procedures for the reassignment of another student to that space.

When vacating an assigned space, regardless of reason, the resident agrees to complete established checkout procedures.

SUMMER 1987 RESIDENCE HALLS AGREEMENT

Male
 Female

--	--	--	--	--	--	--	--

Social Security No. Requested

LAST NAME, FIRST, MI

HOME STREET, NUMBER

CITY

STATE

ZIP

HOME PHONE

ASSIGNMENT PREFERENCES — must be ranked 1, 2, 3

- Garden-style apartment with kitchen (Leonardtown complex) Approx. 40% of all available spaces
- Kitchenless suite in South Hill building (renovated 1984) Approx. 35% of all spaces. No cooking; must purchase meal program (e.g., D.S. Cash minimum of \$150.00 per 6-week session)
- South Hill apartment with kitchen (renovated 1984) Approx. 25% of all available spaces

DO YOU yes no **DO YOU OBJECT TO A ROOMMATE WHO SMOKES?** yes no

DO YOU LIVE IN UMCP CAMPUS HOUSING NOW?

no
 yes

building & room #

Additional \$61.44 enclosed solely by current on-campus resident in order to request campus housing from end of finals in May to start of Summer Session I, subject to Resident Life approval and according to "interim housing" procedure.

DATES OF OCCUPANCY/PAYMENT

- Session I only, May 31-July 10
\$368.64 housing fee enclosed
- Session II only, July 12-Aug. 21
\$368.64 housing fee enclosed
- Sessions I and II
\$737.28 housing fee enclosed
- Eight-week course: May 31-July 24
\$491.50 housing fee enclosed

NOTE: If course lasts fewer than 6 weeks, contact Resident Life 301-454-5909 or room 3117 North Administration Building to make special housing arrangements

I understand that I am obligated to accept co-educational summer housing upon Resident Life's receipt of this Agreement form. I have read, understand and agree to abide by all terms and conditions of residence halls occupancy stated in the Residence Halls Agreement published in the Summer Sessions Catalog

STUDENT SIGNATURE _____ AGE _____

DATE _____

PARENT SIGNATURE (if student under 18 yrs) _____

FOR OFFICE USE

DT RECD:
ASSIGN BY/TO:
DTE CONF:

CHANGES OF ASSIGNMENT An individual may move from an assigned space only with Resident Life's approval. Requests may be made to the Community Office. No request which is based upon considerations of race, religion or national origin can be honored.

To meet its responsibilities to student health, safety, and well being and maintenance of property and facilities, Resident Life reserves the right to move a resident from one space to another, or, at Resident Life's discretion, to another occupied hall for which the individual is eligible.

GUESTS A guest may stay in the assigned space only with the concurrence of the roommate(s) and for no more than three consecutive nights. Resident Life may invoke limitations of the guest privileges. Guests must abide by established University/Resident Life regulations.

UNIVERSITY PREROGATIVE The University reserves the right to change fees, to change its academic calendar, and to alter existing procedures. Such alteration would be pursued in accordance with appropriate University processes.

ROOM ENTRY, INSPECTION, AND PROPERTY REMOVAL The University reserves the right to enter rooms for purposes of (a) improvements, (b) maintenance, (c) recovery of University/State owned property which is not authorized for use in the assigned space, (d) fire and safety inspection, and (e) actions necessary to insure the safety, health and general welfare of the resident or others and/or the protection of University or student property.

A resident's request for maintenance and repair constitutes consent for room entry. Attempts will be made to provide prior notification whenever feasible.

The University reserves the right to remove and dispose of any personal property remaining in a room more than 24 hours following termination of the Agreement, the resident's separation by from the University, and/or the date the resident officially checks out of the room. A charge for costs incurred for such removal may be assessed to the resident.

The University respects the resident's right to privacy within the assigned space and will give reasonable consideration to resident when entry is required.

REVIEW OF HOUSING STATUS When determined that a resident has violated a term of this Agreement or any other Resident Life or University rule, regulation or procedure, the resident is subject to disciplinary sanctions, administrative action and/or financial responsibility for any damage, theft, or loss.

When a violation is reported, and the established administrative review process to terminate this Agreement is initiated, the resident will be provided with the following procedural safeguards: (a) notice of the violations charged, (b) opportunity to respond to the charge, and (c) opportunity to appeal the decision to terminate the Agreement. Administrative action by Resident Life under the Agreement may range from a verbal or written warning to change of assignment to termination of residence hall services.

When disciplinary action is taken, procedures defined within the *Code of Student Conduct* apply.

The Director of Resident Life or authorized representative may temporarily suspend a resident from residence halls pending initiation and/or implementation of administrative and/or disciplinary action when in the judgement of the Director the individual may be a threat to self and/or to the safety of other people or property.

LIABILITY FOR DAMAGES The resident will be assessed charges for damage, loss, or special service due to misuse or abuse of the assigned space and the State property contained therein. When the assigned space is shared, and where the responsible resident(s) fails to assume responsibility, an equal portion of the charges will be assessed to each occupant.

Individuals identified as being responsible for damage, theft, loss, or special service whether intentional or accidental in common areas of the residential facility will be assessed the cost of repair, replacement or restoration.

When individual responsibility cannot be determined, and where deemed necessary by Resident Life, residents will be held collectively responsible for damage, theft, loss, special service within the common areas or to University property within the residential facility. Residents will be notified in advance of the initiation of a collective billing process and of the common areas for which they share responsibility.

TERMINATION OF AGREEMENT Resident Life may automatically terminate this Agreement at any time and require the individual to forfeit the assigned space:

- a. When determined that information furnished by the individual or other person for the purpose of obtaining residence hall services is substantially incomplete, misleading, or false in whole or in part
- b. When an individual, for whatever reason, is not eligible, or has lost eligibility, to reside in the building. In such cases, the individual may be required to check-out of the residence hall on the date of notification

- c. When a convened "Review of Housing Status" determines that the individual has committed a breach of residence hall rules and regulations. In such cases, continued access to any University residence hall may be denied.
- d. When facilities are found to be inadequate in number or physical condition
- e. When an individual has failed to properly execute or complete all terms and conditions of a Residence Halls Agreement 1986-1987, or had such Agreement terminated for disciplinary/behavioral reasons
- f. When an individual (1) fails to properly check in to the assigned space (i.e., no-show) or (2) fails to notify Resident Life of delayed arrival by 12 noon of the first class day, or within 72 hours after receipt of the assignment if the assignment is made after classes begin.

CONFIRMATION OF AGREEMENT The individual and parent or guardian of student is under 18 must sign and submit the *Summer Residence Halls Agreement* form without alteration. This Agreement shall not be accepted by the University nor does the student have permission to reside in a University residence hall until the applicant has been provided with a confirmation of residence hall services and/or other notification that an assignment has been made.

RELEASE PRIOR TO OCCUPANCY PERIOD Voluntary release from this Agreement will be approved by Resident Life, prior to the date services may be claimed and without the individual incurring any financial obligation, when written notice signed by the individual is received by Resident Life on or before May 11, 1987 for Session I or June 22, 1987 for Session II. If notice is received after these dates, but before the first day of classes of the term in question, the individual, regardless of University status at the date of release from the Agreement, will be charged as follows:

Notice for Session I by	Amount	Notice for Session II by	Amount
May 11	\$0.00	June 22	\$0.00
May 12-18	\$61.44	June 23-29	\$61.44
May 19-25	\$122.88	June 30-July 6	\$122.88
May 26-June 1	\$184.31	July 7-13	\$184.31
No-show/No notice to Resident Life by June 1	\$184.31	No-show/No notice to Resident Life by July 13	\$184.31

RELEASE DURING OCCUPANCY PERIOD Resident Life will release an individual from this Agreement after services are claimed, without the student incurring any financial obligation beyond charges associated with occupancy to date, when Resident Life has received proof from the student of withdrawal from Summer Sessions or notice signed by the student that, regardless of reason, the assigned space will be vacated three weeks or more after this notice to Resident Life. If proof of withdrawal is not received or if notice that the resident will check out is received less than three weeks before the actual departure, the following release charges will be incurred:

CANCELLATION NOTICE RECEIVED BY RESIDENT LIFE	AMOUNT OF RELEASE CHARGE
More than three weeks before actual departure	\$0.00
Two to three weeks before actual departure	\$61.44
One to two weeks before actual departure	\$122.88
Less than one week before actual departure	\$184.31

CANCELLATION PROCEDURE Requests for release from this Agreement must be made in writing and directed specifically to Resident Life. NOTICE TO ANY OTHER UNIVERSITY OFFICE WILL NOT INSURE RELEASE.

REFUNDS AND CREDITS Refunds and credits for housing fees will not be approved until release from this Agreement has been secured and checkout has been completed. Charges and credits are based upon the weekly cost of housing services. Appropriate release charges are assessed in addition to charges for housing services from the week during which services must be claimed through the week during which checkout is completed. Failure to checkout by the date specified by the resident when requesting release from this Agreement will decrease the amount of credit, if any. No credit is approved if checkout occurs during the last three weeks of each session or if the occupancy period is three weeks or less. Refund, if due, must be requested in writing from the Bursar.

BMGT cont.

- management implementation.
- BMGT 710 Advanced Accounting Theory 3 credits, Grading Method REG AUD**
Permission of department required
0201 MW 7:00pm–10:00pm Bldg TYD, Room 2108 Staff
Prerequisite: BMGT 610 Contemporary issues in financial accounting. The nature of income, the relationship between asset valuation and income determination, and various approaches to accounting for inflation. The accounting standards setting process. The measurement and valuation of assets (e.g., foreign investments) and liabilities (e.g., leases and pensions)
- BMGT 741 Advanced Financial Management 3 credits, Grading Method REG AUD**
Permission of department required
0101 MW 7:00pm–10:00pm Bldg TYD, Room 2110 Chen, S
Prerequisite: BMGT 640. Concepts underlying financial decision making in the firm. Case studies, model building and applications in financial theory and management
- BMGT 743 Investment Management 3 credits, Grading Method REG AUD**
0201 TuTh 7:00pm–9:30pm Bldg ARC, Room 1123 Chang, E
Prerequisite: BMGT 640. Methods of security selection and portfolio management in the debt and equity markets. Investment alternatives, securities markets, bond and common stock valuation, options, portfolio theory, and behavior of stock prices
- BMGT 753 International Marketing 3 credits, Grading Method REG**
0101 TuTh 6:30pm–9:30pm Bldg TYD, Room 2106 Greet, T
Prerequisite: BMGT 650 Environmental, organizational, and financial aspects of international marketing as well as problems of marketing research, pricing, channels of distribution, product policy, and communications which face U.S. firms trading with foreign firms or which face foreign firms in their operations
- BMGT 762 Problems and Issues in Collective Bargaining 3 credits, Grading Method REG AUD**
0101 MW 7:00pm–10:00pm Bldg TYD, Room 2109 Levine, M
Current problems and issues in collective bargaining, including methods of handling industrial disputes, legal restrictions on various collective bargaining activities, theory and philosophy of collective bargaining, and internal union problems
- BMGT 791 MBA Field Project 3 credits, Grading Method REG AUD**
Permission of department required. Total Enterprise Strategy - Management Practicum.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
Permission of director of MBA program. Experimental research project in the identification of management problems, the evaluation of alternative solutions, and the recommendation for management
- BMGT 796A Special Topics in Business and Management: Expert Systems**
3 credits, Grading Method: REG AUD
Permission of department required.
0101 TuTh 7:00pm–10:00pm Bldg TYD, Room 2111 Staff
- BMGT 798B Special Topics in Business and Management: Advanced Topics in Linear Programming**
3 credits, Grading Method: REG AUD
Permission of department required
0101 MW 7:00pm–10:00pm Bldg TYD, Room 2111 Gass, S
- BMGT 798C Special Topics in Business and Management: Logistics**
3 credits, Grading Method: REG AUD
0101 MW 7:00pm–10:00pm Bldg KEY, Room 0120 Poist, R
- BMGT 798D Special Topics in Business and Management: Implementing Strategy**
3 credits, Grading Method: REG AUD
0201 TuTh 7:00pm–10:00pm Bldg TYD, Room 2111 Guota, A
- BMGT 798G Special Topics in Business and Management: Industrial Marketing**
3 credits, Grading Method: REG AUD
Permission of department required
0201 TuTh 6:00pm–9:00pm Bldg TYD, Room 2140 Krapfel Jr, R
- BMGT 799 Master's Thesis Research 1–6 credits, Grading Method REG**
Permission of department required
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- BMGT 828 Independent Study in Business and Management 1–9 credits, Grading Method REG AUD**
Permission of department required. Contact Graduate Program Director to make arrangements.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- BMGT 828A Independent Study in Business and Management: Operations Research Applications in Database Design, 3 credits, Grading Method REG AUD**
0101 Time Arranged Room Arranged Staff
- BMGT 899 Doctoral Dissertation Research 1–8 credits, Grading Method REG**
Permission of department required. Contact Graduate Program Director to make arrangements.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

BOTN (LIFE SCIENCES)

- BOTN 100 General Botany For Non-Science Students 4 credits, Grading Method REG P-F AUD**
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
0101 MTuWThF 9:00am–9:50am Bldg HJF, Room 1223 Van Valkenburg, S
MTuWThF 10:00am–12:00pm Bldg HJF, Room 2103 (LAB) Van Valkenburg, S
0102 MTuWThF 10:00am–12:00pm Bldg HJF, Room 2104 (LAB) Van Valkenburg, S
0103 MTuWThF 9:00am–9:50am Bldg HJF, Room 2242 Kohnes, P
MTuWThF 10:00am–12:00pm Bldg HJF, Room 2103 (LAB) Kohnes, P
0202 MTuWThF 9:00am–9:50am Bldg HJF, Room 2242 Kohnes, P
MTuWThF 10:00am–12:00pm Bldg HJF, Room 2104 (LAB) Kohnes, P
- A basic course in plant biology specifically designed to meet the educational needs of the general or non-science student. Emphasis is placed on an ecological approach to studying fundamental concepts and processes of plants, and discussing the importance of plant life to human welfare. Credit not allowed for both BOTN 100 AND 101
- BOTN 399 Research for Both Botany I and Botany II 1–3 credits, Grading Method REG P-F AUD**
Permission of department required
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- BOTN 403 Medicinal and Poisonous Plants 2 credits, Grading Method REG P-F AUD**
Students may register for BOTN 699C for additional credit.
0101 MW 4:15pm–7:00pm Bldg HJF, Room 1229 Lockard, J
- Prerequisites: BOTN 101 and CHEM 104. A study of plants important to man that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.
- BOTN 699C Special Problems in Botany: Physiology 1–3 credits, Grading Method REG**
0101 Time Arranged Room Arranged Lockard, J
- BOTN 799 Master's Thesis Research 1–6 credits, Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

BOTN cont.

- BOTN 899 Doctoral Dissertation Research 1–8 credits, Grading Method REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CHEM (LIFE SCIENCES)

- CHEM 103 General Chemistry I 4 credits, Grading Method REG P-F AUD**
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
0131 MTuWThF 11:00am–12:20pm Bldg PHY, Room 1412 Staff
MW 8:00am–10:50am Bldg CHM, Room 1105 (LAB) Room Arranged
TuTh 9:30am–10:50am Bldg CHM, Room 0119 (DIS) Staff
0132 MTuWThF 11:00am–12:20pm Bldg PHY, Room 1412 Staff
MW 8:00am–10:50am Bldg CHM, Room 1106 (LAB) Room Arranged
0133 MTuWThF 11:00am–12:20pm Bldg CHM, Room 0112 (DIS) Staff
MW 8:00am–10:50am Bldg CHM, Room 1109 (LAB) Room Arranged
0134 MTuWThF 11:00am–12:20pm Bldg CHM, Room 2201 (DIS) Staff
MW 8:00am–10:50am Bldg PHY, Room 1412 Staff
0231 MTuWThF 11:00am–12:20pm Bldg CHM, Room 1110 (LAB) Room Arranged
MW 8:00am–10:50am Bldg CHM, Room 0127 (DIS) Staff
0232 MTuWThF 11:00am–12:20pm Bldg CHM, Room 1109 (LAB) Room Arranged
MW 8:00am–10:50am Bldg EGR, Room 3114 (DIS) Staff
- Prerequisite: a satisfactory math test score or an adequate knowledge of high school chemistry or satisfactory performance in CHEM 101. The first semester of a chemistry sequence intended for students whose careers require a year or more of chemistry. The nature and composition of matter; chemical calculations; elements and inorganic compounds. Credit may be received for only one course of the following: CHEM 102, 103, 105, 107, 111.
- CHEM 104 Fundamentals of Organic and Biochemistry 4 credits, Grading Method REG P-F AUD**
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement.
0261 MTuWThF 11:00am–12:15pm Bldg CHE, Room 2110 Staff
MW 8:00am–11:00am Bldg CHE, Room 1208 (LAB) Room Arranged
0262 MTuWThF 11:00am–12:15pm Bldg CHE, Room 2110 Staff
MW 8:00am–11:00am Room Arranged (LAB) Room Arranged
0263 MTuWThF 9:30am–11:30am Bldg MTH, Room 1313 (DIS) Staff
- Prerequisite: CHEM 103 or CHEM 105. Intended for students whose curricula require one year of chemistry. Students requiring two or more years of chemistry should register for CHEM 233 OR 235. Students may not receive credit for both CHEM 104 and CHEM 233 (OR 235). The chemistry of carbon: aliphatic compounds, aromatic compounds, C-13 NMR spectroscopy, halides, amines, and amides; alcohols, esters, carbohydrates, and natural products
- CHEM 113 General Chemistry II 4 credits, Grading Method REG P-F AUD**
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
0141 MTuWThF 11:00am–12:20pm Bldg CHM, Room 1402 Staff
MW 8:00am–10:50am Bldg CHM, Room 1124 (LAB) Room Arranged
0142 MTuWThF 11:00am–12:20pm Bldg CHM, Room 0112 (DIS) Staff
MW 8:00am–10:50am Bldg CHM, Room 1402 Staff
0144 MTuWThF 11:00am–12:20pm Bldg EGR, Room 3114 (DIS) Staff
MW 8:00am–10:50am Bldg CHM, Room 1402 Staff
0241 MTuWThF 11:00am–12:20pm Bldg EGR, Room 1128 (LAB) Room Arranged
MW 8:00am–10:50am Bldg PHY, Room 1412 Staff
0242 MTuWThF 11:00am–12:20pm Bldg CHM, Room 1124 (DIS) Staff
MW 8:00am–10:50am Bldg CHM, Room 1128 (DIS) Staff
0243 MTuWThF 11:00am–12:20pm Bldg PHY, Room 1412 Staff
MW 8:00am–10:50am Bldg CHM, Room 1119 (LAB) Room Arranged
0244 MTuWThF 11:00am–12:20pm Bldg ANS, Room 1115 (DIS) Staff
MW 8:00am–10:50am Bldg CHM, Room 1412 Staff
TuTh 9:30am–10:50am Bldg EGR, Room 1126 (DIS) Staff
- Prerequisites: CHEM 103 OR 105. Kinetics; chemical equilibria; heterogeneous and ionic equilibria; oxidation-reduction; electrochemistry; chemistry of the elements. Credit may be received for only one of CHEM 113 OR 115
- CHEM 233 Organic Chemistry I 4 credits, Grading Method REG P-F AUD**
0171 MTuWThF 11:00am–12:20pm Bldg CLB, Room 0111 Staff
MW 8:00am–10:50am Bldg CHM, Room 1216 (LAB) Room Arranged
0172 MTuWThF 11:00am–12:20pm Bldg CHM, Room 0124 (DIS) Staff
MW 8:00am–10:50am Bldg CHM, Room 0111 Staff
TuTh 9:30am–10:50am Bldg EGR, Room 1221 (LAB) Room Arranged
0173 MTuWThF 11:00am–12:20pm Bldg CLB, Room 0111 (LAB) Staff
MW 8:00am–10:50am Bldg CHM, Room 1224 (LAB) Room Arranged
0174 MTuWThF 11:00am–12:20pm Bldg CHM, Room 0112 (DIS) Staff
MW 8:00am–10:50am Bldg EGR, Room 1126 (LAB) Room Arranged
0175 MTuWThF 11:00am–12:20pm Bldg CLB, Room 0111 (LAB) Staff
MW 8:00am–10:50am Bldg CHM, Room 1224 (LAB) Room Arranged
- Prerequisite: CHEM 113 or 115. This course is the first of a two-semester sequence in organic chemistry and is intended to be followed by CHEM 243 or 245. The chemistry of carbon aliphatic compounds; aromatic compounds; stereochemistry; amines; halides; alcohols, aldehydes, ketones, and spectroscopy. Credit may be received for only one course of CHEM 104, 233, 235
- CHEM 243 Organic Chemistry II 4 credits, Grading Method REG P-F AUD**
0261 MTuWThF 11:00am–12:20pm Bldg CLB, Room 0111 Staff
MW 8:00am–10:50am Bldg CHM, Room 1224 (LAB) Room Arranged
0262 MTuWThF 11:00am–12:20pm Bldg EGR, Room 1126 (LAB) Staff
MW 8:00am–10:50am Bldg CHM, Room 0111 (LAB) Room Arranged
0263 MTuWThF 11:00am–12:20pm Bldg CHM, Room 1221 (LAB) Room Arranged
MW 8:00am–10:50am Bldg MTH, Room 0403 (DIS) Staff
0264 MTuWThF 11:00am–12:20pm Bldg CLB, Room 0111 Staff
MW 8:00am–10:50am Bldg CHM, Room 1227 (LAB) Room Arranged
TuTh 9:30am–10:50am Bldg MTH, Room 1311 (DIS) Staff
- Prerequisite: CHEM 243 or 235. A continuation of CHEM 243 with emphasis on molecular structure, isolation reactions, carbonyl ions, aromaticity, synthetic processes, macro-molecules. Credit may be received for only one of CHEM 243 or 245
- CHEM 399 Introduction to Chemical Research 1–2 credits, Grading Method REG P-F AUD**
Permission of department required. Research plans must be approved by Dr. Boyd or Dr. Duro before registration.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CHEM cont.

CHEM 481 Physical Chemistry I 3 credits; Grading Method: REG-P-F-AUD

0101 Meets JUN 1 to JUL 24
MTuThF 8:00am-9:15am Bldg. CHM, Room 1402 Staff

Prerequisite: CHEM 113 OR 115, CHEM 243 OR 245, MATH 141, PHYS 142 or PHYS 263 (PHYS 263 may be taken concurrently); or consent of instructor. A course primarily for chemists and chemical engineers

CHEM 482 Physical Chemistry II 3 credits; Grading Method: REG-P-F-AUD

0101 Meets JUN 1 to JUL 24
MTuThF 12:30pm-4:50pm Bldg. CHM, Room 1402 Staff

Prerequisite: CHEM 481, or consent of instructor. A course primarily for chemists and chemical engineers.

CHEM 699 Special Problems in Chemistry 1-6 credits; Grading Method: REG-UD

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CHEM 799 Master's Thesis Research 1-6 credits; Grading Method: REG

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CHEM 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CLAS (ARTS AND HUMANITIES)

CLASSICS (ARTS AND HUMANITIES)

CLAS 170 Greek and Roman Mythology 3 credits; Grading Method: REG-P-F-UD

Meets USP Distributive Studies (A) Cultural and Historical requirement

0101 MTuWThF 9:30am-10:50am Bldg. JMZ, Room 1112 Staff
0201 MTuWThF 11:00am-12:20pm Bldg. JMZ, Room 2206 Staff

Teught in English, no prerequisite; cannot be taken for language credit. This course is particularly recommended for students planning to major in foreign languages: English, history, the fine arts, or journalism.

CLAS 374 Greek Tragedy in Translation 3 credits; Grading Method: REG-P-F-UD

Meets USP Advanced Studies Analysis of Human Problems requirement.

0101 MTuWThF 11:00am-12:20pm Bldg. HSK, Room 1112 Staff

Study and analysis of the tragedies of Aeschylus, Sophocles and Euripides with special attention to the concepts of character and of thought as conceived by Aristotle in *The Poetics*.

CMLT

COMPARATIVE LITERATURE (ARTS AND HUMANITIES)

CMLT 479A Major Contemporary Authors: The Age of Anxiety: Existentialism and the Absurd 3 credits; Grading Method: REG-P-F-UD

0201 MTuWThF 9:30am-10:50am Bldg. JMZ, Room 2122 Demaire, A

Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety and related themes such as alienation, nihilism, revolt and the search for a new ethic. Authors include: Drieu, Malraux, Sartre, Camus, Beckett, Ionesco. Works are analyzed primarily as a reflection of the philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist philosophy.

CMLT 498 Selected Topics in Comparative Literature: I and They: Conflict Between Individual and Society in French Literature 3 credits; Grading Method: REG-P-F-UD

0101 MTuWThF 11:00am-12:20pm Bldg. JMZ, Room 3118 MacBain, W

An examination of how major French writers confront the question of conflicting demands made by the individual on the one hand and society on the other. Students will be required to examine the issues raised and give reasoned critiques of the attitudes expressed.

CMLT 799 Master's Thesis Research 1-6 credits; Grading Method: REG

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CMLT 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CHIN

CHINESE (ARTS AND HUMANITIES)

CHIN 101 Intensive Elementary Chinese I 6 credits; Grading Method: REG-P-F-UD

Meets USP Distributive Studies (A) Cultural and Historical requirement

0101 MTuWThF 9:30am-12:10pm Bldg. JMZ, Room 0204 Hong, J

Introduction to speaking, reading, and writing Chinese with an emphasis on mastering the essentials of pronunciation, basic characters and structural patterns.

CHIN 102 Elementary Spoken Chinese 3 credits; Grading Method: REG-P-F-UD

Meets USP Distributive Studies (A) Cultural and Historical requirement

0201 MTuWThF 9:30am-10:50am Bldg. JMZ, Room 1123 Sun, Y

Prerequisite: CHIN 101, or equivalent. Continued study of grammatical patterns and vocabulary buildup with particular emphasis on conversation. May be taken in conjunction with CHIN 103.

CHIN 103 Elementary Written Chinese 3 credits; Grading Method: REG-P-F-UD

Meets USP Distributive Studies (A) Cultural and Historical requirement.

0201 MTuWThF 11:00am-12:20pm Bldg. JMZ, Room 1123 Sargent, S

Prerequisite: CHIN 101 or equivalent. Continued study of grammatical patterns and buildup of vocabulary with particular emphasis on reading and writing. May be taken in conjunction with CHIN 102.

CHPH

CHEMICAL PHYSICS (COMP, MATH, AND PHYS SCI)

CHPH 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CJUS

INSTITUTE OF CRIMINAL JUSTICE AND CRIMINOLOGY (BEHAVIOR AND SOCIAL SCI)

CJUS 100 Introduction to Law Enforcement 3 credits; Grading Method: REG-P-F-UD

Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.

0101 MTuWThF 9:30am-10:50am Bldg. LEF, Room 1220 Brooks, L
0201 MTuWThF 11:00am-12:20pm Bldg. LEF, Room 1222 Staff

Introduction to the administration of criminal justice in a democratic society, with emphasis upon the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction, policy formulation.

CJUS 320 Introduction to Criminologies 3 credits; Grading Method: REG-P-F-UD

0101 TuTh 6:00pm-9:00pm Bldg. LEF, Room 0208 Mauriello, T
0201 TuTh 6:00pm-9:00pm Bldg. LEF, Room 0208 Mauriello, T

Prerequisite: CJUS 220 and consent of instructor. An introduction to modern methods used in the detection, investigation and solution of crimes. Practical analysis of evidence in a criminal investigation laboratory, including photographs, fingerprints and other impressions, ballistics, glass, hair, handwriting and document examination, drug analysis, and its detection.

CJUS 386 Field Work 1-3 credits; Grading Method: REG

Permission of department required

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CJUS 387 Field Work Analysis 1-3 credits; Grading Method: REG

Permission of department required.

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CJUS 398 Law Enforcement Field Training 1-3 credits; Grading Method: REG-P-F-UD

0101 Time Arranged Room Arranged Staff
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CJUS 399 Directed Independent Research 1-3 credits; Grading Method: REG-P-F-UD

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CJUS 630 Seminar in Criminal Law and Society 3 credits; Grading Method: REG

0201 MW 4:00pm-7:00pm Bldg. LEF, Room 1222 Paternoster, R

Prerequisite: CJUS 250 or its equivalent and a course in introductory criminology. The criminal law is studied in the context of general studies in the area of the sociology of law. The evolution and social and psychological factors affecting the formulation and administration of criminal laws are discussed. Also examined is the impact of criminal laws and their sanctions on behavior in the light of recent empirical evidence.

CJUS 699 Special Problems in Criminal Justice 1-3 credits; Grading Method: EG-UD

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CJUS 799 Master's Thesis Research 1-6 credits; Grading Method: REG

0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

CMSC

COMPUTER SCIENCE (COMP, MATH, AND PHYS SCI)

CMSC 103 Introduction to Computing 3 credits; Grading Method: REG-P-F-UD

0201 MTuWThF 8:00am-9:20am Bldg. CSS, Room 2324 Staff

Basic concepts of Fortran. Elements of computer organization. Algorithms in the computational solution of problems. Survey of non-numerical and numerical operations. Programming projects. Credit will be given for only one course, CMSC 103 or CMSC 110.

CMSC 110 Introduction to Fortran Programming 4 credits; Grading Method: REG-P-F-UD

CMSC majors must take CMSC 112 as a first course.

0101 Meets JUN 1 to JUL 24
MTuWThF 9:30am-10:50am Bldg. CSS, Room 2352 Williams, J
Tu 11:00am-12:20pm Bldg. CSS, Room 2352 (DIS)

Pre- or co-requisite: MATH 140 or 220. Construction of algorithms and the efficient solution of computational problems. Conducted in FORTRAN. Intended for scientists, engineers, and business majors. Not applicable to the major requirements in computer science. Credit will be given for only one course, CMSC 103 or 110.

CMSC 112 Computer Science I 4 credits; Grading Method: REG-P-F-UD

0101 Meets JUN 1 to JUL 24
MTuWThF 9:30am-10:50am Bldg. CSS, Room 2324 Mallory, R
W 9:30am-10:50am Bldg. CLB, Room 0102 (DIS)

Pre- or co-requisite: MATH 140. Design and analysis of programs using structured programming and data abstraction. Formal syntax and semantics, and program verification. Conducted in Pascal. Intended for computer science majors.

CMSC 120 Introduction to Pascal Programming 4 credits; Grading Method: REG-P-F-UD

0101 MTuWThF 8:00am-9:20am Bldg. CSS, Room 2330 Williams, J
Tu 11:00am-12:20pm Bldg. CLB, Room 0102 (DIS)

Prerequisite: MATH 110. Design and analysis of programs in Pascal. An introduction to computing, using structured programming concepts. Bldg. CSS, Room 2324. Design and analysis of programs in computer science. Credit will be given for only one course, CMSC 113, 120 or 122.

CMSC 211 Assembly Language Programming 3 credits; Grading Method: REG-P-F-UD

0101 MTuWThF 8:00am-9:20am Bldg. CSS, Room 2324 Park, C
M 9:30am-10:50am Bldg. CLB, Room 0104 (DIS)

Prerequisite: CMSC 120 or CMSC 112. Assembly language programming, assemblers, loaders, linkage editors, and nucleus.

CMSC 250 Introduction to Discrete Structures 3 credits; Grading Method: REG-P-F-UD

0101 MTuWThF 8:00am-9:20am Bldg. CSS, Room 2352 Fontecilla, R

Prerequisite: CMSC 110 or CMSC 112, MATH 111 or equivalent. Fundamental mathematical concepts and algebraic structures, such as sets, relations, functions, semigroups, monoids, and Boolean algebras. Introduction to the theory of graphs and trees and their realization as computer programs. Emphasis on examples and applications rather than mathematical rigor.

CMSC 311 Computer Organization 3 credits; Grading Method: REG-P-F-UD

0101 MW 5:00pm-8:00pm Bldg. CLB, Room 2324 Preston, D

Prerequisite: CMSC 122. Introduction to assembly language design of digital logic circuits, organization of central processors, including instruction sets, register transfer operations, control microprogramming, data representation, and arithmetic algorithms. Memory and input/output organizations.

CMSC 450 Elementary Logic and Algorithms 3 credits; Grading Method: REG-P-F-UD

0102 MTuWThF 11:00am-12:20pm Bldg. MTH, Room 0106 Staff
0103 MTuWThF 9:30am-10:50am Bldg. MTH, Room 0104 Cacedo, X
0201 MTuWThF 9:30am-10:50am Bldg. MTH, Room B0421 Staff

Prerequisite: CMSC 120 or consent of instructor. This course is the same course as MATH 444. An elementary development of propositional logic, predicate logic, set algebra, and Boolean algebra, with a discussion of Markov algorithms, Turing machines and recursive functions. Topics include post productions, word problems, and formal languages.

CMSC 460 Computational Methods 3 credits; Grading Method: REG-P-F-UD

0101 MTuWThF 8:00am-9:20am Bldg. CLB, Room 0111 Hummel, J

Prerequisites: MATH 240 and 241; CMSC 110 or 122. Basic computational methods for interpolation, least squares, approximation, numerical quadrature, numerical solution of polynomial and transcendental equations, systems of linear equations and initial value problems for ordinary differential equations. Emphasis on the methods and their computational properties rather than on their analytic aspects. Listed also as MAPL 460. (Credit will be given for only one of the courses, CMSC 460 or CMSC 470.)

ECON cont.

- ECON 375 Economics of Poverty and Discrimination 3 credits, Grading Method: REG-P-F/AUD**
Prerequisites: ECON 201 and ECON 203, or ECON 205
0201 MTuWThF 9:30am-10:50am Bldg. TYD, Room 1101 Staff
Prerequisite: ECON 201 AND 203. OR 205. The study of the persistence of low income groups, the relationship of poverty to technological change, to economic growth, and to education and training, economic results of discrimination, proposed remedies for poverty and discrimination
- ECON 399 Individual Reading and Research For Undergraduates 3 credits, Grading Method: REG-P-F/AUD**
Prerequisite: 6 hours of upper-division economic courses
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ECON 401 National Income Analysis 3 credits, Grading Method: REG-P-F/AUD**
Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 401 or ECON 402
0101 MTuWThF 9:30am-10:50am Bldg. TYD, Room 1114 Meyer, P
0201 TuTh 7:00pm-10:00pm Bldg. TYD, Room 2116 Brechling, F
Prerequisite: ECON 201, 203. Required for economics majors. Analysis of the determination of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy.
- ECON 402 Business Cycles 3 credits, Grading Method: REG-P-F/AUD**
Meets USP Advanced Studies Development of Knowledge requirement. Prerequisite: ECON 430
0101 MTuWThF 8:00am-9:20am Bldg. TYD, Room 2110 Staff
First semester. Prerequisite: ECON 430. A study of the causes of depressions and unemployment, cyclical and secular instability, theories of business cycles, and the problem of controlling economic instability.
- ECON 403 Intermediate Price Theory 3 credits, Grading Method: REG-P-F/AUD**
Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 403 or ECON 406.
0101 MTuWThF 11:00am-12:20pm Bldg. TLF, Room 2101 Staff
0201 MW 7:00pm-10:00pm Bldg. TYD, Room 1140 Brechling, F
Prerequisite: ECON 201, 203. Required for economics majors. An analysis of the theories of consumer behavior and of the firm, and of general price and distribution theory, with applications to current economic issues.
- ECON 415 Introduction to Economic Development of Underdeveloped Areas 3 credits, Grading Method: REG-P-F/AUD**
Meets USP Advanced Studies Analysis of Human Problems requirement. Prerequisites: ECON 201 and ECON 203, or ECON 205.
0101 MTuWThF 11:00am-12:20pm Bldg. TYD, Room 1102 Clague, C
Prerequisite: ECON 201 AND 203; OR 205. An analysis of the economic and social characteristics of underdeveloped areas. Recent theories of economic development, obstacles to development, policies and planning for development.
- ECON 421 Economic Statistics 3 credits, Grading Method: REG-P-F/AUD**
Prerequisite: MATH 110 or equivalent. Not open to students who have taken BMGT 230 or BMGT 321.
0101 MTuWThF 8:00am-9:20am Bldg. TYD, Room 0111 Kellejian, H
Prerequisite: MATH 110 or equivalent. Not open to students who have taken BMGT 230 or BMGT 231. An introduction to the use of statistics in economics. Topics include probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis, correlation.
- ECON 430 Money and Banking 3 credits, Grading Method: REG-P-F/AUD**
Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 430 or ECON 431.
0101 MTuWThF 11:00am-12:20pm Bldg. TYD, Room 1114 Meyer, P
0201 MTuWThF 9:30am-10:50am Bldg. TYD, Room 1114 Meyer, P
Prerequisite: ECON 201 and ECON 203. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level. Credit will be given for only one course: ECON 430 or ECON 431.
- ECON 440 International Economics 3 credits, Grading Method: REG-P-F/AUD**
Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course: ECON 440 or ECON 441.
0101 MTuWThF 8:00am-9:20am Bldg. TYD, Room 1102 Clague, C
0201 MTuWThF 11:00am-12:20pm Bldg. TYD, Room 1128 Clague, C
Prerequisite: ECON 201 and ECON 203. A description of international trade and the analysis of international transactions, exchange rates, and balance of payments. Analysis of policies of protection, devaluation, and exchange rate stabilization and their consequences. Credit will be given for only one course: ECON 440 or ECON 441.
- ECON 698 Selected Topics in Economics 3 credits, Grading Method: REG**
Prerequisite: Department required.
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ECON 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- ECON 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

EDCI cont.

- EDCI 410 The Child and the Curriculum: Early Childhood 3 credits, Grading Method: REG-P-F/AUD**
Meets JUN 22 to JUL 10 Bldg. EDU, Room 2101 Amersch, K
MTuWThF 9:00am-12:00pm Bldg. EDU, Room 2101
Relationship of the school curriculum, nursery school through grade 3, to child growth and development. Recent trends in curriculum organization; the effect of environment on learning readiness to learn; and adapting curriculum content and methods to maturity levels of children. Primarily for in-service teachers, nursery school through grade 3.
- EDCI 426 Methods of Teaching Social Studies in Secondary Schools 3 credits, Grading Method: REG-P-F/AUD**
0101 TuTh 4:00pm-7:00pm Bldg. EDU, Room 1315 Cirincione, J
Prerequisite: EDHD 300 and EDCL 390, or consent of instructor. The objectives, selection and organization of subject matter, appropriate methods, lesson plans, textbooks and other instructional materials, measurement and topics pertinent to social studies education. For in-service teachers. Includes emphasis on multicultural education.
- EDCI 434 Methods of Teaching English to Speakers of Other Languages 3 credits, Grading Method: REG-P-F/AUD**
0201 TuTh 4:00pm-7:00pm Bldg. EDU, Room 0202 Markham, P
An introductory course in methods for teaching listening, speaking, reading and writing techniques and a review of research findings.
- EDCI 443 Literature for Children and Youth 3 credits, Grading Method: REG-P-F/AUD**
0101 MW 1:00pm-4:00pm Bldg. HBK, Room 0109 Williams, H
0201 MTuWThF 9:00am-12:00pm Bldg. EDU, Room 1121 Dreher, J
Analysis of literary materials for children and youth. Timeless and ageless books, and outstanding examples of contemporary publishing. Evaluation of the contributions of individual authors, illustrators and children's book awards.
- EDCI 444 Language Arts in Early Childhood Education 3 credits, Grading Method: REG-P-F/AUD**
0101 Meets JUN 22 to JUL 10
0201 MTuWThF 1:00pm-4:00pm Bldg. EDU, Room 1121 Church, M
Teaching of spelling, handwriting, oral and written expression and creative expression. Primarily for in-service teachers, nursery school through grade 3.
- EDCI 445 Language Arts in the Elementary School 3 credits, Grading Method: REG-P-F/AUD**
0101 Meets JUN 22 to JUL 10 Bldg. EDU, Room 1121 Church, M
0201 MTuWThF 1:00pm-4:00pm Bldg. EDU, Room 1121 Church, M
Teaching of spelling, handwriting, oral and written expression and creative expression. Primarily for in-service teachers, grades 1-6.
- EDCI 446 Methods of Teaching English, Speech, Drama in Secondary Schools 3 credits, Grading Method: REG-P-F/AUD**
0101 TuTh 7:00pm-10:00pm Bldg. EDU, Room 1121 Staff
Prerequisite: EDHD 300 and EDCL 390, or consent of instructor. The objectives, selection and organization of subject matter, appropriate methods, lesson plans, textbooks, and other instructional materials, measurement and topics pertinent to English, speech, and drama education. For in-service teachers.
- EDCI 452 Mathematics in Early Childhood Education 3 credits, Grading Method: REG-P-F/AUD**
0101 Meets JUN 22 to JUL 10 Bldg. EDU, Room 2121 Staff
0201 MTuWThF 9:00am-12:00pm Bldg. EDU, Room 2121 Staff
Prerequisite: MATH 210 or equivalent. Emphasis on materials and procedures which help pupils sense arithmetic meanings and relationships. Primarily for in-service teachers, nursery school through grade 3.
- EDCI 453 Mathematics in the Elementary School 3 credits, Grading Method: REG-P-F/AUD**
0101 TuTh 4:00pm-7:00pm Bldg. EDU, Room 2121 Johnson, M
Prerequisite: MATH 210 or equivalent. Emphasis on materials and procedures which help pupils sense arithmetic meanings and relationships. Primarily for in-service teachers, grades 1-6.
- EDCI 455 Methods of Teaching Mathematics in Secondary Schools 3 credits, Grading Method: REG-P-F/AUD**
0101 MW 4:00pm-7:00pm Bldg. EDU, Room 2121 Davidson, N
Prerequisite: EDHD 300 and EDCL 390, or consent of instructor. The objectives, selection and organization of subject matter, appropriate methods, lesson plans, textbooks and other instructional materials, measurement and topics pertinent to mathematics education. For in-service teachers.
- EDCI 461 Reading in Early Childhood Education 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 1107 Saracho, O
Fundamentals of developmental reading instruction, including reading readiness, use of experience stories, procedures in using basal readers, the improvement of comprehension, word analysis, and procedures for determining individual needs. Primarily for in-service teachers, nursery school through grade 3.
- EDCI 462 Reading in the Elementary School 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 1107 Saracho, O
Fundamentals of developmental reading instruction, including reading readiness, use of experience stories, procedures in using basal readers, the improvement of comprehension, word analysis, and procedures for determining individual needs. Primarily for in-service teachers, grades 1-8.
- EDCI 463 The Teaching of Reading in the Secondary School 3 credits, Grading Method: REG-P-F/AUD**
0201 TuTh 4:00pm-7:00pm Bldg. EDU, Room 1121 Davey, H
The fundamentals of secondary reading instruction, including emphasis on content reading instruction.
- EDCI 467 Teaching Writing 3 credits, Grading Method: REG-P-F/AUD**
0201 MW 4:00pm-7:00pm Bldg. EDU, Room 1121 Slier, W
Sources and procedures for developing curriculum objectives and materials for teaching written composition, prewriting, composing, and revision procedures; contemporary directions in rhetorical theory; surveys of research on composition instruction.
- EDCI 472 Methods of Teaching Science in Secondary Schools 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 0220 Krajcik, J
MTuWThF 9:00am-12:00pm
Prerequisites: EDHD 300, EDCL390, and consent of instructor. The study of the teachers role in secondary school science instruction preparing objectives, planning lessons, selecting and organizing for classroom and laboratory instruction, determining appropriate teaching methods, selecting textbooks and other instructional materials, measuring and evaluating student achievement. Includes lab and field experience. For in-service teachers.
- EDCI 474 Science in Early Childhood Education 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 2212 Williams, D
MTuWThF 9:00am-12:00pm
Objectives, methods, materials and activities for teaching science in the elementary school. Primarily for in-service teachers, nursery school through grade 3.
- EDCI 475 Science in the Elementary School 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 2212 Williams, D
MTuWThF 9:00am-12:00pm
Objectives, methods, materials, and activities for teaching science in the elementary school. Primarily for in-service teachers, grades 1-6.
- EDCI 487 Introduction to Computers in Instructional Settings 3 credits, Grading Method: REG-P-F/AUD**
0101 TuTh 4:00pm-7:00pm Bldg. EDU, Room 0206 Krajcik, J
Prerequisite: EDHD 300 and EDCL 390. A first-level survey course for students interested in the possibilities of using computers for instructional purposes. "Hands-on" experience with computers. Site visits, guest speakers, and individual project opportunities.
- EDCI 488B Selected Topics in Teacher Education: Bicentennial Constitution 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 2102 Weaver, V
An interdisciplinary approach to the study of the US Constitution for elementary and secondary teachers, designed to help teachers prepare curriculum materials for celebration of the Bicentennial of the Constitution, focusing on 19 September 1987. Includes selected aspects of the history of the

CURRICULUM AND INSTRUCTION

(EDUCATION)

- EDCI 301 Teaching Art in the Elementary School 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 9:00am-12:00pm Bldg. EDU, Room 3233 McWhinnie, H
Limited to non-art education majors. Art methods and materials for elementary schools. Includes laboratory experiences with materials appropriate for elementary schools. Emphasis on emerging areas of art education for the elementary classroom teacher.
- EDCI 313 Creative Activities and Materials for the Young Child 3 credits, Grading Method: REG-P-F/AUD**
0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 2119 Church, M
MTuWThF 1:00pm-4:00pm
Prerequisites: EDCL 380. Corequisites: EDHD 300, MUED 450, EDCL 318 and EDCL314. Techniques and resources for art, music, play and creative dramatics.
- EDCI 390 Principles and Methods of Secondary Education 3 credits, Grading Method: REG-P-F/AUD**
0101 MW 7:00pm-10:00pm Bldg. EDU, Room 1107 Craig, R
0102 Meets JUN 22 to JUL 10 Bldg. EDU, Room 1121 Staff
0201 TuTh 4:00pm-7:00pm Bldg. EDU, Room 1107 Doloranzo, W
0202 Meets JUL 13 to JUL 31 Bldg. EDU, Room 1121 Brigham, B
Prerequisite: EDHD 300 or consent of instructor. Principles and methods of teaching in junior and senior high schools. Instructional problems common to all of the subject fields, considered in relation to the needs and interests of youth, the urgent social problems of today, and the central values of society.

EDIT cont.

- EDT 471 History and Principles of Vocational Education 3 credits, Grading Method: REG-P-FAUD**
 0101 MW 4:00pm-7:00pm Bldg. JMP, Room 2202 Lurikemeyer, J.
 The development of vocational education from primitive times to the present with special emphasis given to the vocational education movement with the american program of public education
- EDT 476 Application of Technology to Social Problems 3 credits, Grading Method: REG-P-FAUD**
 Meets USP Advanced Studies Analysis of Human Problems requirement
 0101 MW 7:00pm-10:00pm Bldg. JMP, Room 3201 Usiak, K
 0102 MTuWThF 11:00am-12:20pm Bldg. JMP, Room 3104 Usiak, K
 A study of alternative solutions of a technological nature with respect to such areas as housing, transportation, energy, communications, production, trash and waste disposal, water development, and pollution control.
- EDT 486 Field Experiences in Marketing and Distributive Education 3 credits, Grading Method: REG-P-FAUD**
 0101 Time Arranged Room Arranged Anderson, C
- EDT 488R Selected Topics in Education: Robots in Industry 3 credits, Grading Method: REG-AUD**
 0101 MW 7:00pm-10:00pm Bldg. JMP, Room 2201 Milligan, D
- EDT 498 Special Problems in Education 1-6 credits, Grading Method: REG-P-FAUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDT 499D Workshops, Clinics, and Inlites: Working in Vocational Education (T and I) 1 credit, Grading Method: REG-P-FAUD**
 0101 Time Arranged Room Arranged Maley, D
 Lecture and participation workshop sessions will provide introductory experiences for the beginning vocational teacher. The workshop will link content, school and student to better prepare the beginning teacher for the art of teaching.
- EDT 499R Workshops, Clinics, and Inlites: Work Experience, Trade Advancement 1-6 credits, Grading Method: REG-P-FAUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
 Student must make prior arrangements with an advisor to participate in workshops that are formally arranged by corporations, businesses, others and document their participation. One Aek (40 hours) participation along with a written implementation plan is needed per credit.
- EDT 499T Workshops, Clinics, and Inlites: Curriculum Modification for Career Vocational Education for the Handicapped 3 credits, Grading Method: REG**
 Permission of department required
 0101 Meets MAY 29 to JUN 28 Room Arranged Beatty, C
 Time Arranged Room Arranged
 Seminars and simulation activities will be utilized to modify curriculum handicapped-disadvantaged students for laboratory based activities.
- EDT 600 Administration and Supervision of Business Education 3 credits, Grading Method: REG-AUD**
 0101 MW 4:00pm-7:00pm Bldg. JMP, Room 3225 Peters, R
 Major emphasis on departmental organization and its role in the school program, curriculum, equipment, budget-making, supervision, guidance, placement and follow-up, school-community relationships, qualifications and selection of teaching staff, vocal aids, and in-service programs for teacher development. For administrators, supervisors, and others.
- EDT 644 Curriculum Trends in Business Education 3 credits, Grading Method: REG-AUD**
 0101 MW 7:00pm-10:00pm Bldg. JMP, Room 3105 Boyce, J
 Recent developments in educational thinking and practice which have affected the curriculum in business education.
- EDT 78P Selected Topics in Education: Phenomenological Inquiry 3 credits, Grading Method: REG-AUD**
 0101 TuTh 4:00pm-7:00pm Bldg. JMP, Room 3225 Hultgren, F
- EDT 798 Special Problems in Education 1-6 credits, Grading Method: REG-AUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDT 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDT 888 Apprenticeship in Education 1-8 credits, Grading Method: REG-AUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDT 889 Internship in Education 3-8 credits, Grading Method: REG-AUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDT 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

EDMS

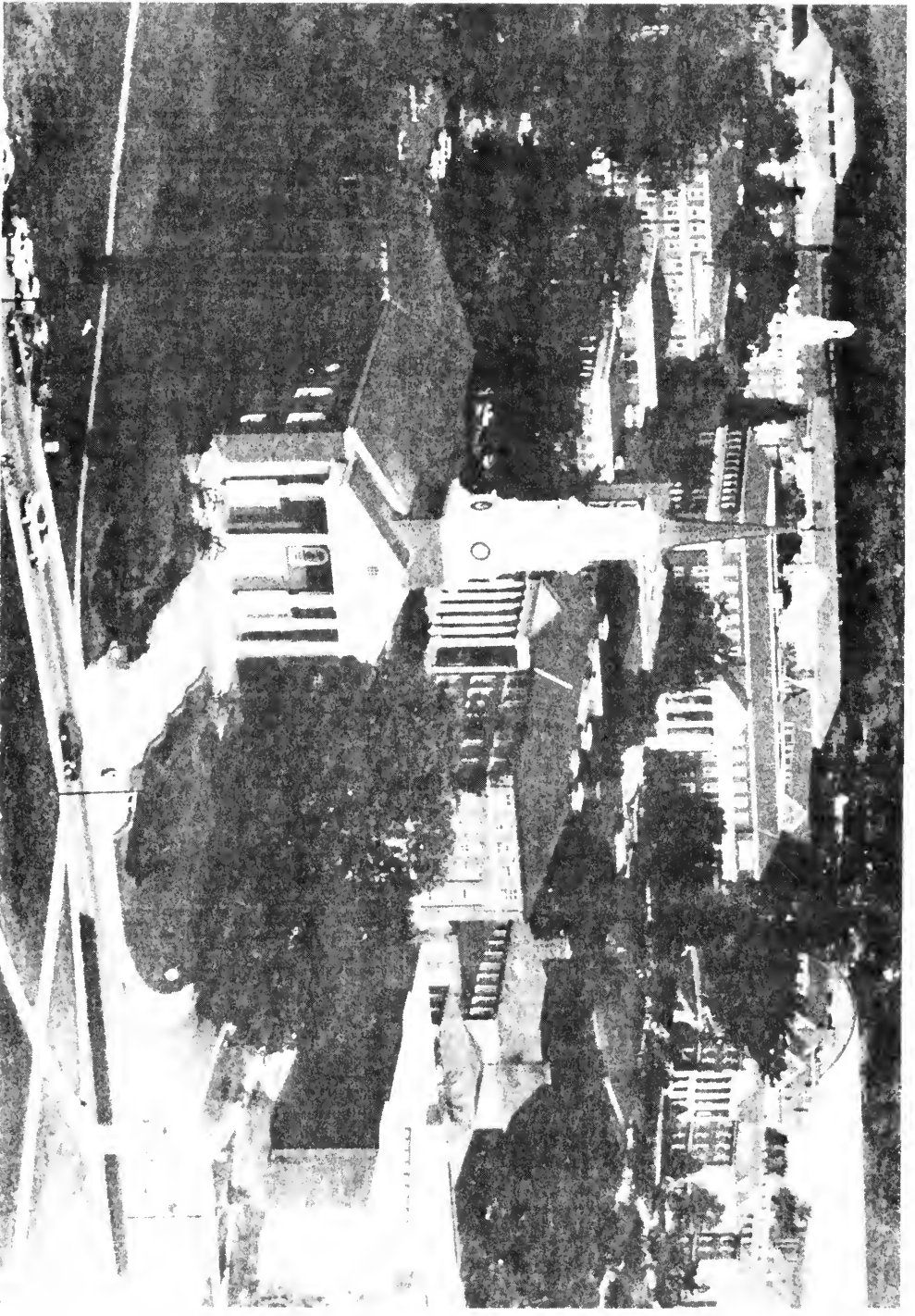
MEASUREMENT, STATISTICS, AND EVALUATION (EDUCATION)

- EDMS 451 Introduction to Educational Statistics 3 credits, Grading Method: REG-AUD**
 Meets USP Advanced Studies Development of Knowledge requirement
 0101 MTuWThF 8:00am-9:20am Bldg. EDU, Room 4233 Staff
 0201 MTuWThF 9:30am-10:50am Bldg. EDU, Room 2119 Benson, J
 Prerequisite: 1 semester in statistics for students in education. Emphasis is upon educational applications of descriptive statistics, including measures of central tendency, variability and association. Also included are inferential statistics through one-way ANOVA.
- EDMS 645 Quantitative Research Methods II 3 credits, Grading Method: REG-AUD**
 0101 MTuWTh 4:30pm-6:10pm Bldg. EDU, Room 4233 Schaler, W
 0201 MTuWThF 9:30am-10:50am Bldg. EDU, Room 4233 Macready, G
 An introduction to research design principles and the scientific method as applied to behavioral phenomena. Instrumentation procedures including the planning and construction of simple data collection instruments and their analysis, and assessment of the reliability and validity of such instruments. Statistical procedures appropriate to the analysis of data from simple research designs. Laboratory experiences in instrumentation and research design are emphasized.
- EDMS 646 Quantitative Research Methods II 3 credits, Grading Method: REG-AUD**
 0101 MTuWTh 7:00pm-8:40pm Bldg. EDU, Room 4233 Schaler, W
 0201 MTuWThF 9:30am-10:50am Bldg. EDU, Room 4233 Macready, G
 Prerequisite: EDMS 645. Special problems arising in the implementation of educational research designs. Instrumentation to measure attitudes and collection of questionnaire data. Additional statistical procedures appropriate to the analysis of education research designs. Laboratory experiences in instrumentation and research design are emphasized.
- EDMS 798 Special Problems in Education 1-6 credits, Grading Method: REG-AUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDMS 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDMS 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

EDPA

EDUCATION, POLICY, PLANNING AND ADMINISTRATION (EDUCATION)

- EDPA 201 Education In Contemporary American Society 3 credits, Grading Method: REG-P-FAUD**
 Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
 0101 MW 7:00pm-10:00pm Bldg. EDU, Room 2119 Noll, J
 An examination of the relationship between education and the social environment in contemporary American society. Issues of equality or equal opportunity, individual and cultural differences, education outside of schools, the control of education, and the future of education.
- EDPA 301 Foundations of Education 3 credits, Grading Method: REG-P-FAUD**
 0101 MW 4:00pm-7:00pm Bldg. EDU, Room 2119 Noll, J
 0102 TuTh 7:00pm-10:00pm Bldg. EDU, Room 2119 Hudner, D
 0201 TuTh 4:00pm-7:00pm Bldg. EDU, Room 2119 Mele, G
 0202 MW 7:00pm-10:00pm Bldg. EDU, Room 2119 Agre, G
 Prerequisite: EDHD 300, completion of at least 90 hours and approval for admission to teacher education. Historical, social, cultural, and philosophical foundations of American education. Considered as a profession, and the organizational structure, operation and function of modern school systems. Comparative education and contemporary issues are included.
- EDPA 400 The Future of the Human Community 3 credits, Grading Method: REG-P-FAUD**
 Meets USP Advanced Studies Analysis of Human Problems requirement
 0101 MW 4:00pm-7:00pm Bldg. EDU, Room 0114 Spaine, J
 0201 MW 7:00pm-10:00pm Bldg. EDU, Room 0114 Lindsay, R
 0202 TuTh 7:00pm-10:00pm Bldg. EDU, Room 2119 Lindsay, R
 Examination of the future of our social and cultural institutions for education and child rearing, social and family relationships, health and leisure, information exchange, and the provision of food, clothing, and shelter.
- EDPA 488P Special Topics in Education Policy and Administration: Technology, Social Change and Education 3 credits, Grading Method: REG-AUD**
 0101 MW 7:00pm-10:00pm Bldg. EDU, Room 2102 Spaine, J
 Effect of computers and television on the learning process. Does learning from a computer make you "computer-like"? Are we losing the human element in our schools and colleges?
- EDPA 498 Special Problems in Education 1-6 credits, Grading Method: REG-P-FAUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDPA 522 Values, Ideology, and Education Policy 3 credits, Grading Method: REG-AUD**
 0101 MW 4:00pm-7:00pm Bldg. EDU, Room 2102 Hopkins, R
 Prerequisite: EDPA 620 or consent of instructor. The study of education policy as it reflects values and ideologies and as it structures choice.
- EDPA 635 Principles of Curriculum Development 3 credits, Grading Method: REG-AUD**
 0101 TuTh 4:00pm-7:00pm Bldg. EDU, Room 2102 Beerman, L
 Curriculum planning, improvement, and evaluation in the schools, principles for the selection and organization of the content and learning experiences, ways of working in classroom and school on curriculum improvement.
- EDPA 660 Administrative Foundations 3 credits, Grading Method: REG**
 0101 MW 4:00pm-7:00pm Bldg. EDU, Room 2101 Intriligator, B
 Develops a theoretical and research based structure for the study and practice of administration in the field of education by introducing the student to selected contributors to administration, and by indicating the multiplicity nature of administrative study as it relates to purpose-determination, policy-definition, and task-assignment.
- EDPA 661 Administrative Behavior and Organizational Management 3 credits, Grading Method: REG-AUD**
 0201 MW 4:00pm-7:00pm Bldg. EDU, Room 2102 Goldman, H
 A critical analysis of organizational management (informal and formal dimensions), an assessment of the contributions from other fields (traditional and emerging) to the study of administrative behavior and the governance of organizations, and an analysis and assessment of the administrator's motivations, perceptions, and sensitivity as determinants of behavior. The theoretical and research bases for these areas and such related concepts as status, role, systems, interpersonal relations, and sensitivity training are examined.
- EDPA 663 Policy Formulation in Education 3 credits, Grading Method: REG-AUD**
 0201 TuTh 7:00pm-10:00pm Bldg. EDU, Room 2102 Stephens, E
 Introduction to education policy at all levels of school governance. Policy formation, administration and evaluation issues are studied. Conceptual and analytical models for the study of policy.
- EDPA 676 School Finance and Business Administration 3 credits, Grading Method: REG-AUD**
 0101 Meets USP 22 to JUL 10 Bldg. EDU, Room 0202 McLone, E
 MTuWThF 4:00pm-7:00pm
 An introduction to principles and practices in the administration of the public school finance activity. Sources of tax revenue, the budget, and the function of finance in the educational program are considered.
- EDPA 690 Research Issues in Education Policy, Planning and Administration 3 credits, Grading Method: REG-AUD**
 0201 MW 4:00pm-7:00pm Bldg. EDU, Room 2101 Agre, G
 Prerequisite: a course of department. An introduction to the practice of research and a survey of various modes of conceptualization, problem identification, and research design used in studies of education policy, planning, and administration.
- EDPA 700 Qualitative Research Methods In Education 3 credits, Grading Method: REG-AUD**
 0101 TuTh 4:00pm-7:00pm Bldg. EDU, Room 2102 Hudner, D
 Qualitative methods in education research, emphasizing the paradigms of philosophy, history, sociology, anthropology, and comparative studies as they rely on narrative rather than quantitative ordering of data.
- EDPA 780 Special Topics in Education Policy and Administration: Managing Productive Schools 3 credits, Grading Method: REG-AUD**
 0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 2101 Dudley, J
 MTuWTh 1:00pm-4:00pm
 Special problems in Managing Productive Schools is designed to meet needs of principals, assistant principals, department heads, and supervisors of instruction who are interested in developing skill and understanding of skills and concepts critical to the development of a highly productive school.
- EDPA 780S Special Topics in Education Policy and Administration: Development of Leadership Behavior 3 credits, Grading Method: REG-AUD**
 0201 Meets JUL 13 to JUL 31 Bldg. EDU, Room 2101 Goldman, H
 MTuWTh 9:30am-12:40pm
 A practically oriented course focusing on development of leadership behaviors in human service organizations. Emphasis on developing skills in the area of problem solving.
- EDPA 798 Special Problems in Education 1-6 credits, Grading Method: REG-AUD**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDPA 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- EDPA 837 Curriculum Theory and Research 3 credits, Grading Method: REG-AUD**
 0201 TuTh 4:00pm-7:00pm Bldg. EDU, Room 2101 Selden, S
 Prerequisite: EDPA 635. Critical and analytic review of major themes, concepts and language forms relevant to current curriculum theory and research.
- EDPA 851 College and University Development 3 credits, Grading Method: REG-AUD**
 0101 TuTh 4:00pm-7:00pm Bldg. EDU, Room 2111 Carbone, R
 Identification and acquisition of extramural fiscal resources for institutions of higher education. The nature of philanthropy, foundation solicitation, alumni administration, publications and public relations, and funding agency relationships.
- EDPA 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff



ENCO ENGINEERING, COOPERATIVE EDUCATION (ENGINEERING)

ENCO 098 Co-op Internship No credit. Grading Method: S-F. Permission of department required. Completion of freshman and sophomore engineering requirements.

ENEE ENGINEERING, ELECTRICAL (ENGINEERING)

ENEE 204 Systems and Circuits I 3 credits. Grading Method: REG. Permission of department required. Prerequisite: MATH 141. Engineering College only (04).

ENEE 250 Computer Structures 3 credits. Grading Method: REG. Permission of department required. Prerequisite: ENES 240. Engineering College only (04).

ENEE 300 Principles of Electrical Engineering 3 credits. Grading Method: REG. Permission of department required. Prerequisite: MATH 241 and PHYS 262. Engineering College only (04).

ENEE 301 Electrical Engineering Laboratory I credit. Grading Method: REG. Permission of department required. Co-requisite: ENEE 300. Engineering College only (04).

ENEE 304 Systems and Circuits II 3 credits. Grading Method: REG. Permission of department required. Prerequisite: ENEE 204. Co-requisite MATH 246. ENEE majors only (09090).

ENEE 305 Fundamental Laboratory 2 credits. Grading Method: REG. Permission of department required. Prerequisite: ENEE 204. ENEE majors only (09090).

ENEE 314 Electronic Circuits 3 credits. Grading Method: REG. Permission of department required. Prerequisite: ENEE 304. ENEE majors (09090) only.

ENEE 380 Electromagnetic Theory 3 credits. Grading Method: REG. Permission of department required. Prerequisite: MATH 241 and PHYS 263. ENEE majors only (09090).

ENEE 413 Electronics Laboratory 2 credits. Grading Method: REG. Permission of department required. Prerequisite: ENEE 305 and co-requisite ENEE 314. ENEE majors only (09090).

ENEE 418 Projects in Electrical Engineering 1-3 credits. Grading Method: REG. Permission of department required.

ENEE 419 Apprenticeship in Electrical Engineering 2-3 credits. Grading Method: REG. Permission of department required.

ENEE cont. ENEE 444 Logic Design of Digital Systems 3 credits. Grading Method: REG. Permission of department required. Prerequisite: ENEE 250. ENEE majors only (09090).

ENES ENGINEERING SCIENCE (ENGINEERING)

ENES 101 Introductory Engineering Science 3 credits. Grading Method: REG-P/FAUD. ENES 101A Introductory Engineering Science 3 credits. Grading Method: REG-P/FAUD.

ENES 121A The Man-Made World 3 credits. Grading Method: REG-P/FAUD. ENES 220 Mechanics of Materials 3 credits. Grading Method: REG-P/FAUD.

ENES 221 Dynamics 3 credits. Grading Method: REG-P/FAUD. ENES 240 Engineering Computation 3 credits. Grading Method: REG-P/FAUD.

ENES 405 Power and the Environment 3 credits. Grading Method: REG-P/FAUD. ENES 101 Introductory Engineering Science 3 credits. Grading Method: REG-P/FAUD.

ENGL ENGLISH (ARTS AND HUMANITIES)

ENGL 101 Introduction to Writing 3 credits. Grading Method: REG. ENGL 101X Introduction to Writing 3 credits. Grading Method: REG.

ENGL 101X Introduction to Writing 3 credits. Grading Method: REG. ENGL 101X Introduction to Writing 3 credits. Grading Method: REG.

FMCD cont.

FMCD 799	Master's Thesis Research 1-6 credits; Grading Method REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

FOOD (HUMAN ECOLOGY)

FOOD 110	Food For People 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement. A study of food in contemporary living: economic, social, cultural and aesthetic implications of food. Selection and use of food in relation to eating habits and well-being of the individual.	Big. JMZ, Room 0108 Oran, J	
0101	MTuWThF 11:00am-12:20pm		
FOOD 799	Master's Thesis Research 1-6 credits; Grading Method REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
FOOD 899	Doctoral Dissertation Research 1-8 credits; Grading Method REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

FREN (ARTS AND HUMANITIES)

FREN 101	Elementary French 4 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. JMZ, Room 3118	Staff
0101	MTuWThF 8:00am-10:00am		
0102	MTuWThF 7:00pm-9:00pm		
0201	MTuWThF 12:00pm-2:00pm		
FREN 102	Elementary French 4 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. JMZ, Room 3118	Staff
0101	MTuWThF 10:00am-12:00pm		
0201	MTuWThF 8:00am-10:00am		
FREN 103	Review of Elementary French 4 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. JMZ, Room 3120	Staff
0101	MTuWThF 10:00am-12:00pm		
0201	MTuWThF 10:00am-12:00pm		
FREN 104	Intermediate French 4 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. JMZ, Room 3120	Staff
0101	MTuWThF 1:00pm-3:00pm		
0201	MTuWThF 12:00pm-2:00pm		

GEOG (BEHAVIOR AND SOCIAL SCI)

GEOG 100	Introduction to Geography 3 credits; Grading Method: REG Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.	Big. LEF, Room 1201	Crimmon, J
0101	TuTh 7:00pm-10:00pm		
GEOG 130	Developing Countries 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.	Big. LEF, Room 1221	Paris, G
0201	MTuWThF 11:00am-12:20pm		
GEOG 150	World Cities 3 credits; Grading Method: REG Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. LEF, Room 2208	Groves, P
0101	TuTh 4:00pm-7:00pm		
GEOG 202	The World in Cultural Perspective 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. LEF, Room 1221	Mitchell, R
0201	TuTh 6:30pm-9:30pm		
GEOG 203	Economic Geography 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.	Big. LEF, Room 1221	Maistran, S
0201	MW 7:00pm-10:00pm		
GEOG 310	Research and Writing in Geography 3 credits; Grading Method: REG P-F/AUD	Big. LEF, Room 1173	Brodsky, H
0101	MW 9:00am-12:00pm		
GEOG 384	Internship in Geography 3 credits; Grading Method: REG P-F/AUD Permission of department required		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
GEOG 385	Internship Research Paper 3 credits; Grading Method: REG P-F/AUD Permission of department required		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
GEOG 434	Agricultural and Rural Development 3 credits; Grading Method: REG Meets USP Advanced Studies Analysis of Human Problems requirement		
0101	MTuWThF 11:00am-12:20pm		
GEOG 450	The Contemporary City 3 credits; Grading Method: REG P-F/AUD	Big. LEF, Room 1222	Kellerman, A
0201	TuTh 4:00pm-7:00pm		

FREN cont.

FREN 499	Special Topics in French Studies: Conversation, composition et lecture explicite 3 credits; Grading Method: REG P-F/AUD Registration for this course before May 29		
0101	Meets JUN 22 to JUL 10 MTuWThF 1:00pm-4:00pm	Big. JMZ, Room 3118	MacBain, W
FREN 499A	Special Topics in French Studies: The Age of Existentialism and Absurdist Literature in France 3 credits; Grading Method: REG P-F/AUD Readings, exams and paper must be in French in order for course to count towards French major	Big. JMZ, Room 3118	Dematre, A
0201	MTuWThF 9:30am-10:50am		
FREN 499B	Special Topics in French Studies: The Age of Existentialism and Absurdist Literature in France 3 credits; Grading Method: REG P-F/AUD Readings, exams and paper must be in French in order for course to count towards French major	Big. JMZ, Room 3118	Dematre, A
0201	MTuWThF 9:30am-10:50am		
FREN 699	Seminar: Conversation, composition et lecture explicite 3 credits; Grading Method: REG/AUD Registration for this course on or before May 29	Big. JMZ, Room 3118	MacBain, W
0101	Meets JUN 22 to JUL 10 MTuWThF 1:00pm-4:00pm		
FREN 798	Master's Independent Study 1-3 credits; Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
FREN 898	Doctoral Independent Study 3 credits; Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
FREN 899	Doctoral Dissertation Research 1-8 credits; Grading Method: REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

GEOG (BEHAVIOR AND SOCIAL SCI)

GEOG 100	Introduction to Geography 3 credits; Grading Method: REG Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.	Big. LEF, Room 1201	Crimmon, J
0101	TuTh 7:00pm-10:00pm		
GEOG 130	Developing Countries 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.	Big. LEF, Room 1221	Paris, G
0201	MTuWThF 11:00am-12:20pm		
GEOG 150	World Cities 3 credits; Grading Method: REG Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. LEF, Room 2208	Groves, P
0101	TuTh 4:00pm-7:00pm		
GEOG 202	The World in Cultural Perspective 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Big. LEF, Room 1221	Mitchell, R
0201	TuTh 6:30pm-9:30pm		
GEOG 203	Economic Geography 3 credits; Grading Method: REG P-F/AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.	Big. LEF, Room 1221	Maistran, S
0201	MW 7:00pm-10:00pm		
GEOG 310	Research and Writing in Geography 3 credits; Grading Method: REG P-F/AUD	Big. LEF, Room 1173	Brodsky, H
0101	MW 9:00am-12:00pm		
GEOG 384	Internship in Geography 3 credits; Grading Method: REG P-F/AUD Permission of department required		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
GEOG 385	Internship Research Paper 3 credits; Grading Method: REG P-F/AUD Permission of department required		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
GEOG 434	Agricultural and Rural Development 3 credits; Grading Method: REG Meets USP Advanced Studies Analysis of Human Problems requirement		
0101	MTuWThF 11:00am-12:20pm		
GEOG 450	The Contemporary City 3 credits; Grading Method: REG P-F/AUD	Big. LEF, Room 1222	Kellerman, A
0201	TuTh 4:00pm-7:00pm		

GEOG cont.

Table listing GEOG courses including: GEOG 498 Topical Investigations 3 credits, Grading Method: REG/P-F/AUD; GEOG 679C Seminar in Urban Geography: The Contemporary City 3 credits; GEOG 688A Seminar in Third World Development: Agricultural and Rural Development 3 credits; GEOG 788 Selected Topics in Geography 1-3 credits; GEOG 799 Master's Thesis Research 1-6 credits; GEOG 899 Doctoral Dissertation Research 1-8 credits.

GEOL (COMP, MATH, AND PHYS SCI)

Table listing GEOL courses including: GEOL 100 Physical Geology 3 credits, Grading Method: REG/P-F/AUD; GEOL 490 Geology Field Camp 6 credits, Grading Method: REG/P-F/AUD; GEOL 799 Master's Thesis Research 1-4 credits; GEOL 899 Doctoral Dissertation Research 1-8 credits.

GERM (ARTS AND HUMANITIES)

Table listing GERM courses including: GERM 101 Elementary German I 4 credits, Grading Method: REG/P-F/AUD; GERM 102 Elementary German II 4 credits, Grading Method: REG/P-F/AUD; GERM 104 Intermediate German 4 credits, Grading Method: REG/P-F/AUD; GERM 415 German-English Translation I 3 credits, Grading Method: REG/P-F/AUD; GERM 419A Selected Topics in German Language Study: Business German 3 credits.

GVPT

GOVERNMENT AND POLITICS (BEHAVIOR AND SOCIAL SCI)

Table listing GVPT courses including: GVPT 100 Principles of Government and Politics 3 credits, Grading Method: REG/P-F/AUD; GVPT 170 American Government 3 credits, Grading Method: REG/P-F/AUD; GVPT 231 Law and Society 3 credits, Grading Method: REG/P-F/AUD; GVPT 240 Political Ideologies 3 credits, Grading Method: REG/P-F/AUD; GVPT 300 International Political Relations 3 credits, Grading Method: REG/P-F/AUD; GVPT 376 Applied Field Research in Government and Politics 6 credits; GVPT 377 Seminar For Academic Interns 3 credits, Grading Method: REG/P-F/AUD; GVPT 386 Field Work 1-3 credits, Grading Method: REG/P-F/AUD; GVPT 387 Field Work Analysis 1-3 credits, Grading Method: REG/P-F/AUD; GVPT 388 Topical Investigations 3 credits, Grading Method: REG/P-F/AUD; GVPT 398A Topical Investigations: Analysis of Concepts and Filmm Images 3 credits; GVPT 396 Introduction to Political Research 3 credits, Grading Method: REG/P-F/AUD; GVPT 397 Honors Research 3 credits, Grading Method: REG/P-F/AUD; GVPT 399A Seminar in Government and Politics: Films and the Politics of the Family 3 credits; GVPT 442 History of Political Theory—Medieval to Recent 3 credits, Grading Method: REG/P-F/AUD; GVPT 457 American Foreign Relations 3 credits, Grading Method: REG/P-F/AUD; GVPT 473 Problems of American Policy: Politics of the Vietnam War 3 credits, Grading Method: REG/P-F/AUD; GVPT 708 Survey of International Relations Theory 3 credits, Grading Method: REG/AUD; GVPT 741 Political Theory 3 credits, Grading Method: REG/AUD.

A graduate-level introduction to the history of political philosophy and political theory.

GVPT cont.

- GVPT 799 Master's Thesis Research 1-6 credits, Grading Method REG
0101 Time Arranged Room Arranged Staff Staff
GVPT 878A Problems in American Government and Politics: The Presidency 3 credits, Grading Method REG A/D
0101 TuTh 6:30pm-9:30pm Bldg LEF, Room 2123 Uslander, E
GVPT 878B Problems in American Government and Politics: Separation of Powers 3 credits, Grading Method REG A/D
0201 MW 3:30pm-6:30pm Bldg LEF, Room 2138H Reeves, M
GVPT 896 Readings in Government and Politics 3 credits, Grading Method REG A/D
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff
GVPT 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff

HEBR

- HEBR 498L Special Topics in Hebrew: Languages of the Jews (ARTS AND HUMANITIES) 3 credits, Grading Method REG P-F A/D
0101 MTuWThF 9 30am-10:50am Bldg JMZ, Room 2117 Liberman, E
A historical overview of the development of Hebrew and other languages generated by Jewish communities.

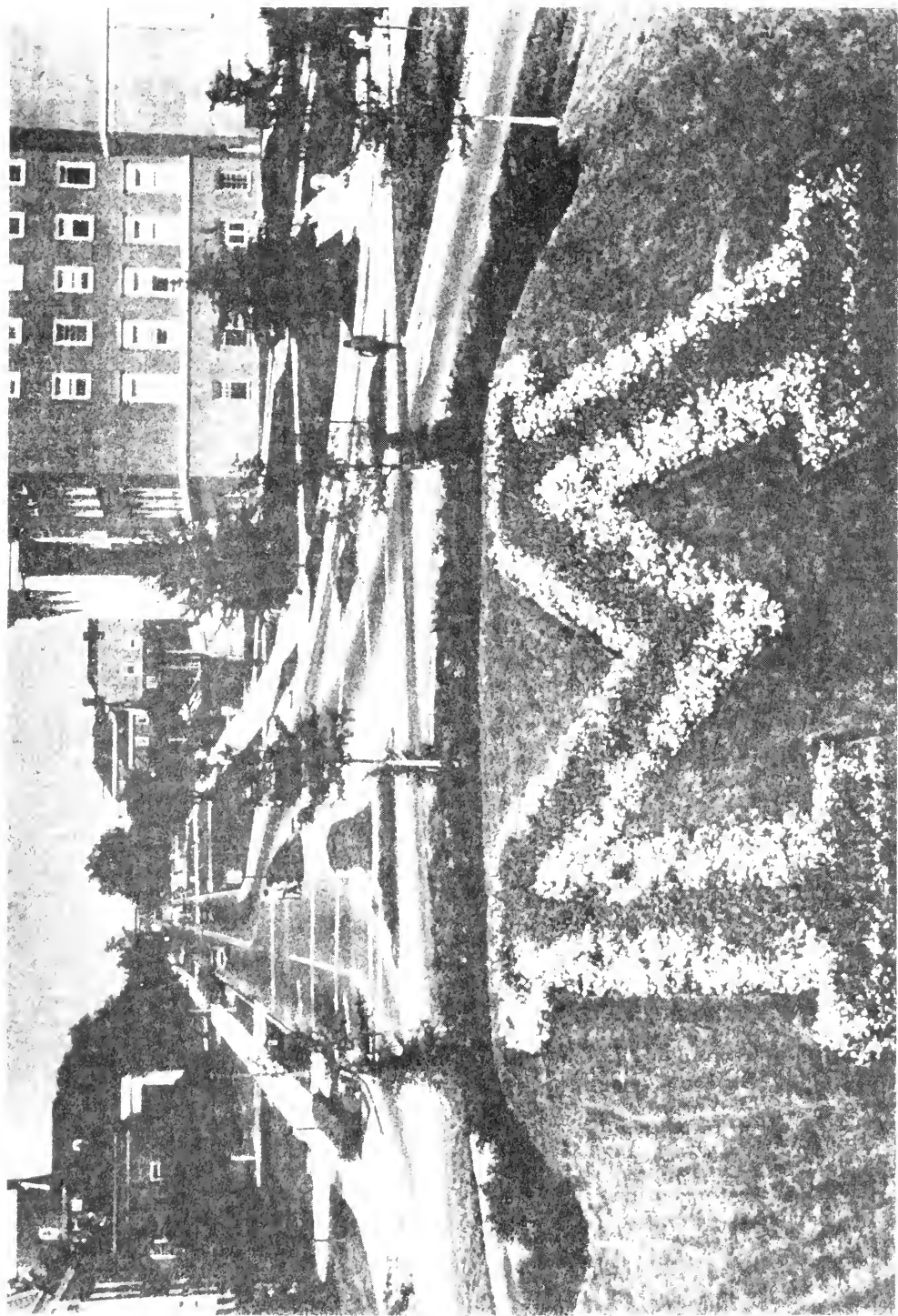
HESP

HEARING AND SPEECH SCIENCES (BEHAVIOR AND SOCIAL SCI)

- HESP 120 Introduction to Linguistics 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
0101 MTUWThF 11:00am-12:20pm Bldg LEF, Room 2176 Staff
An introduction to the scientific study of natural language with focus on the basic concepts of phonology, syntax, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles
HESP 202 Introduction to Hearing and Speech Sciences 3 credits, Grading Method REG P-F A/D
0101 MTUWThF 9:30am-10:50am Bldg LEF, Room 1221 Staff
Introduction to phonetics, the physiological bases of speech production and reception, and the physics of sound
HESP 311 Anatomy, Pathology and Physiology of the Auditory System 3 credits, Grading Method REG P-F A/D
0101 MTUWThF 9:30am-10:50am Bldg LEF, Room 1208 Gordon-Salant, S
Prerequisite: HESP 202 Gross anatomy of the ear and pathways for transmission of sound energy through the peripheral and central auditory system. Causes, development and effects of pathological conditions contributing to temporary or chronic hearing impairments
HESP 400 Speech and Language Development in Children 3 credits, Grading Method REG P-F A/D
0101 MTUWThF 11:00am-12:20pm Bldg LEF, Room 1222 Roth, F
Prerequisite: HESP 300. Analysis of the normal processes of speech and language development in children
HESP 438A Seminar: Special Issues in Early Childhood Special Education: Pragmatics Language Disorders in School-Aged Learning Disabled Students 2 credits, Grading Method REG P-F A/D Permission of department required
0201 Meets JUL 13 to JUL 24
MTUWThF 9 30am-12 30pm Bldg LEF, Room 0135 Roth, F
HESP 438B Seminar: Special Issues in Early Childhood Special Education: The Use and Care of the Professional Voice 1 credit, Grading Method REG P-F A/D Permission of department required
0201 Meets JUL 27 to JUL 31
MTUWThF 9:00am-12:00pm Bldg LEF, Room 2205 McCall, G
MTUWThF 1:30pm-4:30pm Bldg LEF, Room 2205
HESP 498 Seminar: Manual Communication Systems 3 credits, Grading Method REG P-F A/D
0101 MWF 12:30pm-2:30pm Bldg LEF, Room 0135 Gordon-Salant, S
HESP 499 Independent Study: Topics in Hearing and Speech Sciences 1-3 credits, Grading Method REG P-F A/D
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff
HESP 610 Aphasia 3 credits, Grading Method REG A/D
0101 TuTh 12:30pm-3:30pm Bldg LEF, Room 0135 Grant, S
Language problems of adults associated with brain injury
HESP 638 Minor Research Problems 1 credit, Grading Method REG A/D
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Room Arranged
HESP 639 Special Topics in Hearing and Speech Sciences: Manual Communication Systems 3 credits, Grading Method REG A/D
0101 MWF 12:30pm-2:30pm Bldg LEF, Room 0135 Gordon-Salant, S
HESP 639A Special Topics in Hearing and Speech Sciences: Pragmatics Language Disorders in School-Aged Learning Disabled Students 2 credits, Grading Method REG A/D
0201 Meets JUL 13 to JUL 24
MTUWThF 9:30am-12:30pm Bldg LEF, Room 0135 Roth, F
HESP 639B Special Topics in Hearing and Speech Sciences: The Use and Care of the Professional Voice 1 credit, Grading Method REG A/D
0201 Meets JUL 27 to JUL 31
MTUWThF 9 00am-12 00pm Bldg LEF, Room 2205 McCall, G
MTUWThF 1 30pm-4 30pm Bldg LEF, Room 2205
HESP 648 Clinical Practice in Speech 1-3 credits, Grading Method REG A/D Permission of department required
0101 Time Arranged Room Arranged Patrick, S
HESP 649 Clinical Practice in Audiology 1-3 credits, Grading Method: REG A/D Permission of department required
0101 Time Arranged Room Arranged McCabe, M
HESP 708 Independent Study 1-6 credits, Grading Method REG A/D
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff
HESP 729 Advanced Clinical Practice in Audiology: Advanced Clinical Practicum 1-8 credits, Grading Method REG A/D Permission of department required
0101 Time Arranged Room Arranged McCabe, M
HESP 799 Master's Thesis Research 1-6 credits, Grading Method REG
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff
HESP 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff

HIST (ARTS AND HUMANITIES)

- HIST 130 The Ancient World 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0101 MTUWThF 9 30am-10 50am Bldg KEY, Room 1117 Eckstein, A
0201 MTUWThF 9:30am-10:50am Bldg KEY, Room 0116 Holm, K
Interpretation of select literature and art of the ancient Mediterranean world with a view to illuminating the antecedents of modern culture: religion and myth in the ancient near East, Greek philosophical/scientific, and literary invention, and the Roman tradition in politics and administration
HIST 133 Modern Europe: 1789 - Present 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0201 MTUWThF 11 00am-12 00pm Bldg KEY, Room 1117 Harns, J
Nation-states in Europe since the outbreak of the French revolution: Rapid changes in industrial-economic structure and in demography related to national growth. Emergence of a distinctly modern secular society including "Europeanism" throughout the world. Emphasis on continental, western European countries and people, Eastern Europe and Insular Great Britain
HIST 156 History of the United States to 1865 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0101 MTUWThF 9 00am-9 20am Bldg KEY, Room 0105 Bradbury, M
0201 MTUWThF 8 00am-8 20am Bldg KEY, Room 1117 Olson, K
A survey of the history of the United States from colonial times to the end of the Civil War. Emphasis on the establishment and development of American institutions
HIST 157 History of the United States since 1865 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0101 MTUWThF 12 30pm-1 50pm Bldg KEY, Room 0103 Smith, E
0201 MTUWThF 12 30pm-1 50pm Bldg KEY, Room 0116 Moss Jr., A
A survey of economic, social, intellectual, and political developments since the Civil War. Emphasis on the rise of industry and the emergence of the United States as a world power
HIST 200 Introduction to the History of Science 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0101 MTUWThF 9:30am-10:50am Bldg KEY, Room 0116 Hagen, J
A survey of the development of science through the ages. Specific examples of discoveries and theories from the viewpoint of theories of historical change, philosophies of science, and interaction of science with philosophy. Students cannot receive credit for both PHIL 250 and HIST 200
HIST 206 The Holocaust or European Jewry 3 credits, Grading Method REG P-F A/D
0101 MTUWThF 11 00am-12 20pm Bldg KEY, Room 0120 Rozantbil, M
Roots of Nazi Jewish policy in the 1930's and during World War II, the process of destruction and the implementation of the "Final solution of the Jewish problem" in Europe, and the responses made by the Jews to their concentration and annihilation
HIST 219A Special Topics In History: Military History In Film 3 credits, Grading Method REG P-F A/D
0101 MTh 12 30pm-3 30pm Bldg KEY, Room 0116 Sumida, J
HIST 236 History of Britain 1688 to Present 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0201 MTUWThF 8 00am-8 20am Bldg KEY, Room 0103 Tabli, L
British history from the Glorious Revolution of 1688 to the present. The revolution of 1688, the structure of 18th century society and politics, economic and social change in the industrial revolution, 19th and 20th century political and social reform, imperialism, the impact of the First and Second World Wars on British society
HIST 237 Russian Civilization 3 credits, Grading Method REG P-F A/D Meets USP Distributive Studies (A) Cultural and Historical requirement.
0201 MTUWThF 11 00am-12 20pm Bldg KEY, Room 0116 Majeska, G
An overview of Russian history stressing the main lines of development of the Russian State and the evolution of Russian culture to the present day
HIST 312A Crisis and Change in the United States: The Changing Urban Scene 3 credits, Grading Method REG P-F A/D Meets USP Advanced Studies Analysis of Human Problems requirement
0101 MTUWThF 9 30am-10 50am Bldg KEY, Room 0126 Flack, J
This course explores the changing urban scene throughout history with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development
HIST 314A Crisis and Change in the Middle East and Africa: Nationalism and Nation-Building in the Middle East 3 credits, Grading Method REG P-F A/D Meets USP Advanced Studies Analysis of Human Problems requirement
0201 MTUWThF 9 30am-10 50am Bldg KEY, Room 0119 Zilli, M
This course compares the changing urban scene throughout history with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development
HIST 337 Europe in the World Setting of the 20th Century 3 credits, Grading Method REG P-F A/D
0201 MTUWThF 9 30am-10 50am Bldg KEY, Room 0102 Kent, G
Political, economic and cultural developments in 20th century Europe with special emphasis on the factors involved in the two world wars and their global impacts and significance
HIST 346 Social and Cultural History of Europe 3 credits, Grading Method REG P-F A/D
0201 MTUWThF 11 00am-12 30pm Bldg KEY, Room 0119 Mallossan, M
An exploration of social structure, life styles, rituals, symbols, and myths of the peoples of Europe
HIST 360 American Colonial History 3 credits, Grading Method REG P-F A/D
0201 MTUWThF 11 00am-12 00pm Bldg KEY, Room 1117 McCusker, J
Colonial aspects from Jamestown to 1763. Emphasis on the numerous colonies with emphasis on the reasons for the instability of colonial society to 1689, the emergence of stable societies after 1689, the development of colonial regionalism, political institutions, social divisions, education, urban and frontier problems in the eighteenth century
HIST 398 Honors Thesis 3 credits, Grading Method REG P-F A/D Permission of department required, by permission only
0101 Time Arranged Room Arranged Olson, A
0201 Time Arranged Room Arranged Olson, A
HIST 400 Independent Study 1-6 credits, Grading Method REG P-F A/D Permission of department required
0101 Time Arranged Room Arranged Staff Staff
0201 Time Arranged Room Arranged Staff Staff
HIST 410 Introduction to Archives 1 3 credits, Grading Method REG P-F A/D Concurrent registration in HIST 411 required
0101 W 7 00pm-9 00pm Bldg KEY, Room 2119 Grnsted, D
Time Arranged Room Arranged
Prerequisite: Consent of department. Corequisite HIST 411. History of the basic intellectual problems relating to archives and manuscript repositories; emphasis on problems of selection, access, preservation, inventorying and cataloging, as well as preservation of rare documents housing documents
HIST 411 Introduction to Archives II 3 credits, Grading Method REG P-F A/D Concurrent registration in HIST 410 required
0101 Time Arranged Room Arranged Grnsted, D
Time Arranged Room Arranged
Prerequisite: Consent of department. Corequisite HIST 410. Practical experience through placement in cooperating archives or manuscript repositories in the Baltimore-Annapolis-Washington, D C areas. Assignments to specific projects based on intellectual interest of students



LBSC cont.

LBSC 701	Research Methods in Library and Information Activity 1 credits, <i>Grading Method: REG/AUD</i> Permission of department required Additional project required	0101 Tu 6:00pm-9:00pm Sa 9:30am-12:30pm	Blgd. HBK, Room 0103 Blgd. HBK, Room 0103	Marchionini, G
The techniques and strategies of research and their implications for the definition, investigation and evaluation of library problems				
LBSC 702	Field Study in Library Service 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Prerequisites: LBSC 600, 651, 671, 690 or 691, and permission of instructor, prior to May 14, 1987	0201 Time Arranged	Room Arranged	Cunningham, W
Prerequisites: LBSC 600, 651, 671, 690 or 691 and permission of instructor. Familiarization of students with library operations through supervised experience and/or the opportunity to perform a study to solve a specific problem in a suitable library or other information agency				
LBSC 708T	Special Topics in Library and Information Science: Information Resources Management 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Plus project	0201 MW 6:00pm-9:00pm	Blgd. HBK, Room 4113	Stelow, F
LBSC 709	Independent Study 1-3 credits, Grading Method: REG/AUD Permission of department required Permission of CLIS Admissions Committee required.	0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff
LBSC 727	Science Information and the Organization of Science 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Plus additional project.	0201 Tu 6:00pm-9:00pm Sa 9:30am-12:30pm	Blgd. HBK, Room 0103 Blgd. HBK, Room 0103	Kidd, J
Describes the institutional environments in which science information is produced, evaluated and disseminated				
LBSC 734	Seminar in the Academic Library 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Additional field trips and project to be arranged	0101 MW 9:00am-12:00pm	Blgd. HBK, Room 4115	White, M
Academic library within the framework of higher education, treating problems of programs, collections, support, planning, physical plant, cooperation, and fiscal management.				
LBSC 745	Storytelling Materials and Techniques 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required	0101 Tu/Th 6:00pm-8:00pm	Blgd. HBK, Room 0115	Williams, H
Literary sources are studied and instruction and practice in oral techniques are offered				
LBSC 746	Analysis of Client Groups: Young Adults 3 credits, <i>Grading Method: REG/AUD</i> Meets July 11 9:30-4:30 in addition to times listed below Formerly LBSC 708N	0101 Tu/Th 6:00pm-9:00pm	Blgd. HBK, Room 4113	Liesener, J
A seminar in the analysis of the special characteristics of youth and the resultant implications for the interpretation of information materials and services in all types of library and information settings.				
LBSC 751	Literature and Research in the Humanities 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Plus field trip and project	0201 MW 12:00pm-3:00pm	Blgd. HBK, Room 4113	Stelow, F
Analysis of the bibliographic organization and information structure, research methods and reference services in the humanities, focusing on core vocabularies, classification, representative reference tools, and the presentation of bibliographic information.				
LBSC 766	Business Information Services 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Meets daily June 1-11	0101 MTuWThF 9:00am-12:00pm	Blgd. HBK, Room 4113	Wasserman, P
Survey and analysis of information sources in business, finance, and economics with emphasis upon their use in problem solving				
LBSC 767	Governmental Information Systems 3 credits, <i>Grading Method: REG/AUD</i> Permission of department required Plus lab and field trips	0101 TuTh 12:00pm-3:00pm	Blgd. HBK, Room 0105	White, M
Production and distribution of government information and its control and utilization within information agencies. State, local, foreign and international governmental information practices				
LBSC 899	Doctoral Dissertation Research 7-8 credits, <i>Grading Method: REG</i> Permission of department required	0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff

LING

LINGUISTICS (ARTS AND HUMANITIES)

LING 499	Directed Studies in Linguistics 3 credits, <i>Grading Method: REG/P-F/AUD</i> 0201 Time Arranged	Room Arranged	Lightfoot, D
LING 698	Directed Study: MA Level 1-6 credits, Grading Method: REG 0201 Time Arranged	Room Arranged	Staff
LING 799	Master's Thesis: Master's Thesis 1-6 credits, Grading Method: REG 0201 Time Arranged	Room Arranged	Staff
LING 889	Directed Research: Ph.D. Level: Directed Research 1-8 credits, Grading Method: REG 0201 Time Arranged	Room Arranged	Staff
LING 895	Doctoral Research Paper 1-6 credits, Grading Method: REG 0201 Time Arranged	Room Arranged	Staff
LING 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG 0201 Time Arranged	Room Arranged	Staff

MAPL APPLIED MATHEMATICS (COMP, MATH, AND PHYS SCI)

MAPL 460	Computational Methods 3 credits, <i>Grading Method: REG/P-F/AUD</i> 0101 MTuWThF 9:00am-12:00pm	Blgd. CLS, Room 0111	Hummel, J
Prerequisites: MATH 240, 241, and CMSC 110 or equivalent. Basic computational methods for interpolation, least squares, approximation, numerical quadrature, numerical solution of polynomial and transcendental equations, systems of linear equations and initial value problems in ordinary differential equations. Emphasis on the methods and their computational properties rather than on their analytic aspects. Listed also as CMSC 460 (Credit will be given for only one of the courses, MAPL 460 or MAPL 470.)			

MAPL cont.

MAPL 799	Master's Thesis Research 1-6 credits, Grading Method: REG 0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff
MAPL 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG 0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff

MATH (COMP, MATH, AND PHYS SCI)

MATH 110	Introduction to Mathematics I 3 credits, <i>Grading Method: REG/P-F/AUD</i> MATH 110 is not open to students in the Engineering and Computer, Mathematical, and Physical Sciences Colleges	0101 MTuWThF 8:00am-9:20am 0102 MTuWThF 9:30am-10:50am 0104 MTuWThF 11:00am-12:20pm 0201 MTuWThF 8:00am-9:20am 0202 MTuWThF 9:30am-10:50am	Blgd. MTH, Room 0101 Blgd. MTH, Room 0106 Blgd. MTH, Room 0102 Blgd. MTH, Room 0101 Blgd. MTH, Room 0101	Staff Staff Staff Staff Staff
Prerequisite: 2-1/2 years of college preparatory mathematics. If the student does not have a satisfactory SAT mathematics score, or did not take the SAT mathematics test, the student must take and pass a placement test, or take and pass MATH 001 before taking MATH 110. Linear programming, systems of linear equations, matrices; elementary algebraic and transcendental functions with emphasis on their properties and graphs. (Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be given for only one course, MATH 110 or MATH 115.)				
MATH 110S	Introduction to Mathematics I 3 credits, <i>Grading Method: REG/P-F/AUD</i> Permission of department required In this version of MATH 110, each topic is preceded by an appropriate algebra review. Concurrent registration with 'Essentially Algebra: A Workshop to Accompany MATH 110S' is required; see listing under workshops in this catalog Workshop fee is \$25.	0101 MTuWThF 8:45am-11:15am	Blgd. MTH, Room B0421	Alter, M
MATH 111	Introduction to Mathematics II 3 credits, <i>Grading Method: REG/P-F/AUD</i> Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement MATH 111 is not open to students in the Engineering and Computer, Mathematical, and Physical Sciences Colleges	0102 MTuWThF 9:30am-10:50am 0201 MTuWThF 8:00am-9:20am	Blgd. MTH, Room 0102 Blgd. MTH, Room 0103	Staff Staff
Prerequisite: 2-1/2 years of college preparatory mathematics and satisfactory performance on the SAT mathematics test, or MATH 110, or MATH 115. Logic, Boolean algebra, counting, probability, random variables; expectation applications of the normal probability distribution. Credit will be given for only one of the courses, MATH 111 or STAT 100 (Not open to students majoring in Mathematics, Engineering or the Physical Sciences.)				
MATH 115	Pre-Calculus 3 credits, <i>Grading Method: REG/P-F/AUD</i> 0101 MTuWThF 9:00am-9:20am 0102 MTuWThF 11:00am-12:20pm 0201 MTuWThF 8:00am-9:20am 0202 MTuWThF 9:30am-10:50am	Blgd. MTH, Room 0401 Blgd. MTH, Room 0104 Blgd. MTH, Room 0105 Blgd. MTH, Room 0105	Staff Staff Staff Staff	
Prerequisite: 3-1/2 years of college preparatory mathematics. If the student does not have a satisfactory SAT mathematics score, or did not take the SAT mathematics test, the student must take and pass a placement test, or take and pass MATH 001 before taking MATH 115. An introductory course for students not qualified to start MATH 140 or MATH 220. Elementary functions and graphs, polynomials, rational functions, exponential and logarithmic functions, trigonometric functions. (Credit will be given for only one course, MATH 115 or MATH 110.)				
MATH 140	Calculus I 4 credits, <i>Grading Method: REG/P-F/AUD</i> Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement	0101 Meets JUN 1 to JUL 24 0103 Meets JUN 1 to JUL 24 0105 Meets JUN 1 to JUL 24	Blgd. MTH, Room 0405 Blgd. MTH, Room 0304	Staff Staff Staff
Prerequisite: 3 1/2 years of college preparatory mathematics including trigonometry or MATH 115. Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. The course is especially recommended for science and mathematics majors. Credit will be given for only one course, MATH 140 or MATH 220.				
MATH 141	Calculus II 4 credits, <i>Grading Method: REG/P-F/AUD</i> Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement.	0101 Meets JUN 1 to JUL 24 0103 Meets JUN 1 to JUL 24 0105 Meets JUN 1 to JUL 24	Blgd. MTH, Room 0304 Blgd. MTH, Room 0305 Blgd. MTH, Room 0305	Staff Staff Staff
Prerequisite: MATH 140 or equivalent. Continuation of MATH 140, including techniques of integration, improper integrals, applications of integration (such as volumes, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series. Credit will be given for only one course, MATH 141 or MATH 221.				
MATH 210	Elements of Mathematics 4 credits, <i>Grading Method: REG/P-F/AUD</i> Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement Open only to elementary education majors.	0101 Meets JUN 1 to JUL 24 0103 Meets JUN 1 to JUL 24	Blgd. MTH, Room 1311	Staff
Prerequisite: one year of college preparatory mathematics. Required for majors in elementary education, and open only to students in this field. Topics from algebra and number theory, designed to provide insight into arithmetic inductive proof, the natural number system based on the Peano axioms, mathematical systems, groups, fields, the system of integers, the system of rational numbers, congruence, divisibility, systems of numeration.				
MATH 211	Elements of Geometry 4 credits, <i>Grading Method: REG/P-F/AUD</i> Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement Open only to elementary education majors.	0101 Meets JUN 1 to JUL 24 0103 Meets JUN 1 to JUL 24	Blgd. MTH, Room 0409	Staff
Prerequisite: MATH 210 or equivalent. Structure of mathematics systems, algebra of sets, geometrical structures, logic, measurement, congruence, similarity, graphs in the plane, geometry on the sphere.				
MATH 220	Elementary Calculus I 3 credits, <i>Grading Method: REG/P-F/AUD</i> Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement	0101 MTuWThF 8:00am-9:20am 0103 MTuWThF 9:30am-10:50am 0105 MTuWThF 11:00am-12:20pm 0201 MTuWThF 8:00am-9:20am 0202 MTuWThF 9:30am-10:50am 0203 MTuWThF 11:00am-12:20pm	Blgd. MTH, Room 0105 Blgd. MTH, Room 0105 Blgd. MTH, Room 0105 Blgd. MTH, Room 0306 Blgd. MTH, Room 0307 Blgd. MTH, Room 0307	Staff Staff Staff Staff Staff Staff
Prerequisite: three and one-half years of college preparatory mathematics including Trig. and satisfactory performance on the SAT mathematics test, or MATH 110, or MATH 115. Basic ideas of differential and integral calculus, with emphasis on elementary techniques of differentiation and applications. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be given for only one course, MATH 140 or MATH 220.				

MUED cont.

- MUED 696B Current Trends in Music Education: Performing in the General Music Class**
3 credits, Grading Method: REG/AUD
- 0101 Meets JUN 22 to JUL 10
MTUwThF 9:00am-12:00pm Bldg. TWS, Room 3238 Baker, D
- MUED 698C Current Trends in Music Education: Fine Arts Requirement: Competition Through Performance** 3 credits, Grading Method: REG/AUD
- 0101 Meets JUN 22 to JUL 10
MTUwThF 1:00pm-4:00pm Bldg. TWS, Room 3238 Folstrom, R
- MUED 698D Current Trends in Music Education: Band Literature: Analysis and Teaching Procedures** 3 credits, Grading Method: REG/AUD
- 0201 Meets JUL 13 to JUL 27
MTUwThF 8:30am-12:30pm Bldg. TWS, Room 1123 Gallagher, C

MUSP cont.

- MUSP817A Interpretation, Performance, and Pedagogy** 4 credits

NUSC (AGRICULTURE)

- NUTRITIONAL SCIENCE**
- NUSC 670 Intermediary Metabolism in Nutrition** 3 credits, Grading Method: REG/AUD
0101 MTUwThF 9:00am-10:50am Bldg. MMH, Room 0108 Ahrens, R
Prerequisites: NUSC 462 or NUTR 300, CHEM 461 or 462. The major routes of carbohydrate, fat and protein metabolism, with particular emphasis on metabolic shifts and their detection and significance in nutrition
 - NUSC 699 Problems in Nutrition 1-4 credits, Grading Method: REG/AUD**
Contact department for instructions
 - 0101 Time Arranged Room Arranged Staff
 - 0201 Time Arranged Room Arranged Staff
 - NUSC 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
 - 0101 Time Arranged Room Arranged Staff
 - 0201 Time Arranged Room Arranged Staff
 - NUSC 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
 - 0101 Time Arranged Room Arranged Staff
 - 0201 Time Arranged Room Arranged Staff

MUSIC (ARTS AND HUMANITIES)

- MUSIC 100A Beginning Class Voice 2 credits, Grading Method: REG/AUD**
Open to non-music majors
- 0101 MTUwTh 9:30am-10:50am Bldg. TWS, Room 3228 Fleming, L
- 0201 MTUwTh 9:30am-10:50am Bldg. TWS, Room 3228 Fleming, L
- MUSIC 130 Survey of Music Literature** 3 credits, Grading Method: REG/P-F/AUD
Meets USP Distributive Studies (C) Literature and the Arts requirement
- 0101 MTUwThF 11:00am-12:20pm Bldg. TWS, Room 2102 Troth, E
Open to all students, except music and music education majors. MUSIC 130 and 131 may not both be taken for credit. A study of the principles upon which music is based, and an introduction to the musical repertoires performed in America today
- MUSIC 140 Music Fundamentals I** 3 credits, Grading Method: REG/P-F/AUD
Meets USP Distributive Studies (C) Literature and the Arts requirement
- 0101 MTUwThF 12:30pm-1:50pm Bldg. TWS, Room 2123 Staff
- 0201 MTUwThF 11:00am-12:20pm Bldg. TWS, Room 2123 Staff
- An introductory theory course for the non-music major. Notation, scales, intervals, triads, rhythm, form, and basic aural skills.
- MUSIC 155 Fundamentals for the Classroom Teacher** 3 credits, Grading Method: REG/P-F/AUD
- 0101 MTUwThF 9:00am-10:20am Bldg. TWS, Room 2135 Saunders, C
Open to students majoring in elementary education or childhood education, other students take MUSIC 150. MUSIC 150 and 155 may not both be counted for credit. The fundamentals of music theory and practice, relating to the needs of the classroom and kindergarten teacher, and organized in accord with the six-area concept of musical learning
- MUSIC 329Z Ensemble: Chorus I** 1 credit, Grading Method: REG/AUD
Permission of department required. Students who wish to register for Summer Session II only must also participate in Summer Session
- 0101 Tu 7:00pm-10:00pm Bldg. TWS, Room 2102 Traver, P
- 0201 Tu 7:00pm-10:00pm Bldg. TWS, Room 2102 Traver, P
- MUSIC 448C Special Topics in Music: Flute Masterclass** 1987 2 credits, Grading Method: REG/AUD
- 0101 Meets JUN 29 to JUL 11 Bldg. TWS, Room 1125 Montgomery, W
MTUwThF 9:00am-10:00pm Bldg. TWS, Room 1125
Sa 9:00am-6:00pm
- MUSIC 499 Independent Studies 2-3 credits, Grading Method: REG/P-F/AUD**
Permission of department required
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff
- MUSIC 608 Chamber Music Repertoire 1-3 credits, Grading Method: REG/AUD**
Permission of department required
- 0101 Tu 7:00pm-10:00pm Bldg. TWS, Room 2102 Traver, P
- 0201 Tu 7:00pm-10:00pm Bldg. TWS, Room 2102 Traver, P
- MUSIC 699 Special Topics in Music 2-6 credits, Grading Method: REG/AUD**
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff
- MUSIC 699C Special Topics in Music: Flute Masterclass** 1987 2 credits, Grading Method: REG/AUD
- 0101 Meets JUN 29 to JUL 11 Bldg. TWS, Room 1125 Montgomery, W
MTUwThF 9:00am-10:00pm Bldg. TWS, Room 1125
Sa 9:00am-6:00pm
- MUSIC 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff
- MUSIC 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff

NUTR (HUMAN ECOLOGY)

- Element**
- NUTR 100 Elements of Nutrition** 3 credits, Grading Method: REG/P-F/AUD
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement.
 - 0101 MTUwThF 11:00am-12:20pm Bldg. MMH, Room 1400 Staff
Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs. Credit will be given for only one course: NUTR 100 or NUTR 200.
 - NUTR 200 Nutrition For Health Services** 3 credits, Grading Method: REG/P-F/AUD
 - 0101 TuTh 8:00am-10:00am Bldg. WDS, Room 1130 Morgan, P
TuTh 10:00am-12:00pm Bldg. WDS, Room 1130 (LAB) Staff
Pre-requisite: CHEM 104, ZOOL 201
Nutrition related to maintenance of normal health and prevention of disease, nutritional requirements for individuals in different stages of development, current concerns in nutrition for the professional in health services. Credit will be given for only one course: NUTR 100 or 200
 - NUTR 460 Therapeutic Human Nutrition** 3 credits, Grading Method: REG/P-F/AUD
Not open for graduate credit. Prerequisites: NUTR 300 and 450.
 - 0101 MWF 9:30am-10:50am Bldg. MMH, Room 1206 Staff
TuTh 9:00am-11:00am Bldg. LEF, Room 1210 (LAB) Staff
 - Prerequisite: NUTR 300, 450. Modifications of the normal adequate diet to meet human nutritional needs in pathological conditions.
 - NUTR 670 Intermediary Metabolism in Nutrition** 3 credits, Grading Method: REG/AUD
Prerequisite: CHEM 461, 462 or equivalent.
 - 0101 MTUwThF 9:30am-10:50am Bldg. MMH, Room 0108 Ahrens, R
Time Arranged Room Arranged Staff
The major routes of carbohydrate, fat, and protein metabolism with particular emphasis on metabolic shifts and their detection and significance in nutrition
 - NUTR 678A Special Topic in Nutrition: Independent Study 1-6 credits, Grading Method: REG/AUD**
Permission of instructor required
 - 0101 Time Arranged Room Arranged Staff
 - NUTR 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
 - 0101 Time Arranged Room Arranged Staff
 - 0201 Time Arranged Room Arranged Staff
 - NUTR 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
 - 0101 Time Arranged Room Arranged Staff
 - 0201 Time Arranged Room Arranged Staff

PCOM (ARTS AND HUMANITIES)

- PCOM 888 Doctoral Practicum in Public Communication** 3-9 credits, Grading Method: REG/AUD
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff
- PCOM 889 Doctoral Topic in Public Communication** 3-8 credits, Grading Method: REG/AUD
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff
- PCOM 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
- 0201 Time Arranged Room Arranged Staff

MUSP (ARTS AND HUMANITIES)

- MUSIC PERFORMANCE**
Individual performance instruction courses in piano are available during the Summer Session I. They are open to qualified major students by permission of the Music Department Chairman. Instructor section numbers and registration permission forms may be obtained in the Department of Music Office
- Principal Series**
Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is for higher placement after one semester of study.
- MUSP109A, 110A, 207A, 208A, 305A, 306A, 409A, 410A** 2 credits
Music Performance; Principal Series Grading method REG Time and room to be arranged
- MUSP609A Interpretation and Repertoire** 2 credits
Grading method REG Time and room to be arranged
- MUSP610A Graduate Music Performance** 4 credits
Grading method REG Time and room to be arranged
- Major Series**
Intended for students majoring in music performance. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer is 119A.
- MUSP119A, 120A, 217A, 218A, 315A, 316A, 419A** 2 credits
Music Performance; Major Series Grading method REG Time and room to be arranged
- MUSP420A Music Performance, Major Series** 4 credits
Grading method REG Time and room to be arranged
- MUSP619A Interpretation and Repertoire** 2 credits
Grading method REG Time and room to be arranged
- MUSP620A Graduate Music Performance** 4 credits
Grading method REG Time and room to be arranged
- MUSP719A Interpretation and Repertoire** 2 credits
Grading method REG Time and room to be arranged
- MUSP815A Interpretation, Performance, and Pedagogy** 4 credits
Grading method REG Time and room to be arranged
- MUSP816A Interpretation, Performance, and Pedagogy** 4 credits
Grading method REG Time and room to be arranged

PHED (PHYS ED, RECR, AND HEALTH)

- PHED 137N Physical Education Activities: Coed Golf (Beginning)** 1 credit, Grading Method: REG/P-F
- 0101 MTUwTh 9:30am-10:50am Bldg. PHH, Room 1101 Staff
- 0201 MTUwTh 11:00am-12:20pm Bldg. PHH, Room 1101 Tyler, R
- PHED 146N Physical Education Activities: Coed Rescuet Ball** 1 credit, Grading Method: REG/P-F
- 0101 MTUwTh 1:00pm-2:20pm Bldg. PHH, Room 0222 Staff
- 0201 MTUwTh 9:30am-10:50am Bldg. PHH, Room 0222 Staff
- PHED 154N Physical Education Activities: Coed Beginning Swimming** 1 credit, Grading Method: REG/P-F
- 0101 MTUwTh 1:00pm-2:20pm Bldg. PKT, Room 1112 Staff
- 0201 MTUwTh 1:00pm-2:20pm Bldg. PKT, Room 1112 Staff
- PHED 155N Physical Education Activities: Coed Tennis (Beginning)** 1 credit, Grading Method: REG/P-F
- 0101 MTUwTh 8:00am-9:20am Bldg. PHH, Room 2240 Staff
- 0102 MTUwTh 9:30am-10:50am Bldg. PHH, Room 2240 Staff
- 0103 MTUwTh 11:00am-12:20pm Bldg. PHH, Room 2240 Staff
- 0201 MTUwTh 8:00am-9:20am Bldg. PHH, Room 2240 Staff
- 0202 MTUwTh 11:00am-12:20pm Bldg. PHH, Room 2240 Staff
- PHED 155D Physical Education Activities: Coed Tennis (Intermediate)** 1 credit, Grading Method: REG/P-F
- 0101 MTUwTh 8:00am-9:20am Bldg. PHH, Room 2101 Vander Valden, L
- 0102 MTUwTh 9:30am-10:50am Bldg. PHH, Room 2101 Vander Valden, L
- 0103 MTUwTh 11:00am-12:20pm Bldg. PHH, Room 2101 Vander Valden, L
- 0201 MTUwTh 8:00am-9:20am Bldg. PHH, Room 2101 Staff
- 0202 MTUwTh 11:00am-12:20pm Bldg. PHH, Room 2101 Staff

PHED cont.

PHED 157N Physical Education Activities: Coed: Weight Training (Beginning)
1 credit; Grading Method: REG-P-F
 0101 MTuWTh 9:30am-10:50am Bldg. PRH, Room 0101 Staff
 0201 MTuWTh 8:00am-9:20am Bldg. PRH, Room 0101 Staff

PHED 157O Physical Education Activities: Coed: Weight Training (Intermediate)
1 credit; Grading Method: REG-P-F
 0101 MTuWTh 9:30am-10:50am Bldg. PRH, Room 0101 Staff
 0201 MTuWTh 8:00am-9:20am Bldg. PRH, Room 0101 Staff

PHED 289 Topical Investigations 1-3 credits; Grading Method: REG
Permission of department required.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHED 300 Kinesiology 3 credits; Grading Method: REG-P-F-AUD
 0101 MTuWThF 11:00am-1:00pm Bldg. PRH, Room 2132 Kelley, D.
Prerequisites: Z00L 201, 202. The study of human movement and the physical and physiological principles upon which it depends. Body mechanics, posture, motor efficiency, sports, the performance of a typical individual and the influence of growth and development upon motor performance.

PHED 350 The Psychology of Sports 3 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
 0101 TuTh 4:00pm-7:00pm Bldg. PRH, Room 1301 Steel, D.
 0201 TuTh 4:00pm-7:00pm Bldg. PRH, Room 1301 Hatfield, B
An exploration of the personality factors, including, but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

PHED 360 Physiology of Exercise 3 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement.
 0101 MTuWThF 9:30am-10:50am Bldg. PRH, Room 2132 Vaccaro, P.
Prerequisites: Z00L 101, 201 and 202 and consent of instructor. A study of the physiology of exercise, including concepts of work, muscular contraction, energy transformation, metabolism, oxygen debt, and nutriment. Emphasis on cardiovascular and respiratory function in relation to physical activity and training.

PHED 361 Weight Control Through Diet and Exercise 3 credits; Grading Method: REG-P-F-AUD
 0201 MTuWThF 11:00am-12:00pm Bldg. PRH, Room 1303 Staff
Lecture and laboratory. The basic principles of weight control are given and the students participate in diet and exercise programs.

PHED 370 Motor Development 3 credits; Grading Method: REG-P-F-AUD
 0101 MW 4:00pm-7:00pm Bldg. PRH, Room 0307 Clark, J.
Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturization of skeletal system; analysis of the underlying mechanisms of motor skill development, and correlates of motor development.

PHED 385 Motor Learning and Skill Performance 3 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
 0201 MW 4:00pm-7:00pm Bldg. PRH, Room 1301 Staff
A study of the research dealing with motor learning and motor performance. Scientific methodology, individual differences, specificity, proprioceptive control of movement, motivation, timing, transfer, and retention.

PHED 389 Topical Investigations 1-3 credits; Grading Method: REG
Permission of department required.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHED 406 Perceptual-Motor Development in the Young Child 3 credits; Grading Method: REG-P-F-AUD
 0101 MW 4:00pm-7:00pm Bldg. PRH, Room 0305 Church, K
Analysis of perceptual-motor components, their progression, interrelationships, developmental aspects and evaluation. Study of the growth and other factors that influence perceptual-motor development in the young child.

PHED 496 Quantitative Methods 3 credits; Grading Method: REG-P-F-AUD
 0201 MW 4:00pm-7:00pm Bldg. PRH, Room 0303 Staff
Statistical techniques most frequently used in research pertaining to physical education. Effort is made to provide the student with the necessary skills, and to acquaint him with the interpretations and applications of these techniques.

PHED 497 Independent Studies Seminar 3 credits; Grading Method: REG
 0101 TuTh 4:00pm-7:00pm Bldg. PRH, Room 0307 Phillips, S
Discussions of contemporary issues vital to the discipline; critiques of research in the student's areas of special interest, completion of a major project where the student will be asked to demonstrate the ability to carry out investigative processes in problem solving and critical writing under faculty direction.

PHED 689 Special Problems in Physical Education 1-3 credits; Grading Method: REG
Permission of department required.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHED 799 Master's Thesis Research 1-6 credits; Grading Method: REG
Permission of department required.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHED 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG
Permission of department required.

0101 Time Arranged Room Arranged Staff

PHIL cont.

PHIL 328B Studies in the History of Philosophy: Marxist Philosophy
3 credits; Grading Method: REG-P-F-AUD
 Meets USP Advanced Studies Development of Knowledge requirement.
 0101 TuTh 3:30pm-6:30pm Bldg. PKY, Room 1113 Menukien, E

PHIL 331 Philosophy of Art 3 credits; Grading Method: REG-P-F-AUD
 Meets USP Advanced Studies Development of Knowledge requirement.
 0201 MTuWThF 11:00am-12:20pm Bldg. SKN, Room 1106 Crosthwaite, J.
Concepts central to thought about art, including the concept of the fine arts both in its historical development and in its present problematic situation.

PHIL 447 Philosophy of Law 3 credits; Grading Method: REG-P-F-AUD
 Meets USP Advanced Studies Development of Knowledge requirement.
 0101 MTuWThF 9:30am-10:50am Bldg. SKN, Room 1106 Johnson, C
 0201 MTuWThF 9:30am-10:50am Bldg. SKN, Room 1113 Jackson, K
Prerequisite: one course in philosophy. Examination of fundamental concepts related to law, e.g., legal system, law and morality, justice, legal reasoning, responsibility.

PHIL 498 Topical Investigations 1-3 credits; Grading Method: REG-P-F-AUD
Register for this course only if you have already chosen a topic and have obtained the agreement of some faculty member of the philosophy department to work together with you on that topic.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHIL 688 Selected Problems In Philosophy 1-3 credits; Grading Method: REG-AUD
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHIL 799 Master's Thesis Research 1-6 credits; Grading Method: REG
 Contact department to make arrangements.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHIL 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG
 Contact department to make arrangements.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHYS (COMP. MATH. AND PHYS SCI)

PHYSICS

PHYS 121 Fundamentals of Physics 1 4 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. This course meets entire Summer Session I plus the first two weeks of Summer Session II.

0101 Meets JUN 1 to JUL 23 Bldg. PHY, Room 1410 Restorf, K
 MTuWTh 9:30am-10:50am Bldg. PHY, Room 3306 (LAB)
 MW 1:00pm-1:50pm Bldg. PHY, Room 4220 (DIS)
 MW 1:00pm-1:50pm

0102 Meets JUN 1 to JUL 23 Bldg. PHY, Room 1410 Restorf, K
 MTuWTh 9:30am-10:50am Bldg. PHY, Room 3306 (LAB)
 TuTh 2:00pm-4:00pm Bldg. PHY, Room 4220 (DIS)
 TuTh 10:00pm-1:50pm
Prerequisite: previous course work in trigonometry or MATH 110 or MATH 115. The first part of a two-semester course in general physics treating the fields of mechanics, heat, sound, electricity, magnetism, optics, and modern physics. Together with PHYS 122, this generally satisfies the minimum requirement of medical and dental schools.

PHYS 122 Fundamentals of Physics II 4 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. This course meets entire Summer Session I plus the first 2 weeks of Summer Session II.

0101 Meets JUN 1 to JUL 23 Bldg. PHY, Room 0405 Rapport, M
 MTuWTh 9:30am-10:50am Bldg. PHY, Room 3316 (LAB)
 MW 2:00pm-4:00pm Bldg. PHY, Room 0405 (DIS)
 MW 1:00pm-1:50pm

0102 Meets JUN 1 to JUL 23 Bldg. PHY, Room 0405 Rapport, M
 MTuWTh 9:30am-10:50am Bldg. PHY, Room 3316 (LAB)
 TuTh 2:00pm-4:00pm Bldg. PHY, Room 0405 (DIS)
 TuTh 10:00pm-1:50pm
Prerequisite: PHYS 121 or equivalent. A continuation of PHYS 121. Which together with it, generally satisfies the minimum requirement of medical and dental schools.

PHYS 161 General Physics: Mechanics and Particle Dynamics
3 credits; Grading Method: REG-P-F-AUD
 Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement.

0101 MTuWTh 9:30am-10:50am Bldg. PHY, Room 1412 Fivel, D.
 MW 11:00am-12:00pm Bldg. PHY, Room 0405 (DIS)
 0102 MTuWThF 9:30am-10:50am Bldg. PHY, Room 0405 (DIS) Fivel, D.
 TuTh 11:00am-12:00pm Bldg. PHY, Room 1412 Fivel, D.
 0103 MTuWThF 9:30am-10:50am Bldg. PHY, Room 4220 (DIS) Fivel, D.
 MW 11:00am-12:00pm Bldg. PHY, Room 1412 Fivel, D.
 0104 MTuWThF 9:30am-10:50am Bldg. PHY, Room 4220 (DIS) Fivel, D.
 TuTh 11:00am-12:00pm
First semester of a three-semester calculus-based general physics course. Pre- or corequisite: MATH 141. Laws of motion, force, and energy; principles of mechanics; collisions; linear momentum; rotation, and gravitation.

PHYS 262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
4 credits; Grading Method: REG-P-F-AUD
 Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. PHYS 262A must be taken concurrently.

0201 MTuWTh 9:30am-10:50am Bldg. PHY, Room 1412 Kacser, C.
 MW 11:00am-12:00pm Bldg. PHY, Room 4220 (DIS)
 0202 MTuWThF 9:30am-10:50am Bldg. PHY, Room 1412 Kacser, C.
 TuTh 11:00am-12:00pm Bldg. PHY, Room 4220 (DIS)
 0203 MTuWThF 9:30am-10:50am Bldg. PHY, Room 1412 Kacser, C.
 MW 11:00am-12:00pm Bldg. PHY, Room 1219 (DIS)
Second semester of a three-semester calculus-based general physics course. Prerequisite: PHYS 161. Vibrations; waves; fluids; heat, kinetic theory; and thermodynamics; electrostatics; circuits; and magnetism; PHYS 262A must be taken concurrently. This course is registered for at the same time as PHYS 262A. General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory) No credit; Grading Method: NGI

PHYS 262A must be taken concurrently.

0201 MW 1:00pm-3:00pm Bldg. PHY, Room 3312 (LAB) Staff
 0202 TuTh 1:00pm-3:00pm Bldg. PHY, Room 3312 (LAB) Staff
 0203 MW 3:00pm-5:00pm Bldg. PHY, Room 3312 (LAB) Staff

PHYS 299 Special Problems in Physics 1-6 credits; Grading Method: REG-P-F-AUD
Permission of department required.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHYS 399 Special Problems in Physics 1-3 credits; Grading Method: REG-P-F-AUD
Permission of department required.

0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PHYS 420 Principles of Modern Physics 3 credits; Grading Method: REG-P-F-AUD
 Meets USP Advanced Studies Development of Knowledge requirement.

0101 MTuWThF 1:00pm-2:20pm Bldg. PHY, Room 1412 Fivel, D.
Prerequisites: PHYS 263 or 294 or 404 or 405, MATH 241 or consent of instructor. A survey of atomic and nuclear phenomena and the modern theory of physics. This course is appropriate for students in engineering and other physical sciences. It should be taken in addition to PHYS 421.

PHILOSOPHY (ARTS AND HUMANITIES)

PHIL 100 Introduction to Philosophy 3 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (A) Cultural and Historical requirement.

0101 MW 3:30pm-6:30pm Bldg. SKN, Room 1113 Marin, R.
 0201 MTuWThF 9:30am-12:20pm Bldg. SKN, Room 0124 Stairs, A

PHIL 140 Contemporary Moral Issues 3 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.

0101 MTuWThF 9:30am-10:50am Bldg. SKN, Room 1113 Odeli, S.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice.

PHIL 170 Introduction to Logic 3 credits; Grading Method: REG-P-F-AUD
 0101 MTuWThF 11:00am-12:20pm Bldg. KEY, Room 0103 Odeli, S.
A general introduction to the discipline of logic. Traditional and modern deductive techniques, informal fallacies.

PHIL 209S Philosophical Issues: Socrates and the Quest for Meaning
3 credits; Grading Method: REG-P-F-AUD

0201 MTuWThF 12:30pm-1:50pm Bldg. SKN, Room 1106 Nola, R

PHIL 250 Philosophy of Science 1.3 credits; Grading Method: REG-P-F-AUD
Meets USP Distributive Studies (A) Cultural and Historical requirement.

0101 MTuWThF 11:00am-12:20pm Bldg. SKN, Room 1106 Cordero, A.
An introduction to the main issues in the philosophy of science, giving special attention to the ways scientific developments have influenced the philosophy of science and how philosophy of science has influenced scientific progress. Case studies of selected historical episodes in which science and philosophy have interacted significantly, focusing on the physical, biological, or social sciences. Students cannot receive credit for both HIST 200 and PHIL 250.

PHYS cont.

- PHYS 429** Atomic and Nuclear Physics Laboratory 3 credits; Grading Method: REG-P-F/AUD
 Permission of department required. This course meets entire Summer Session I plus the first two weeks of Summer Session II.
 0101 Meets JUN 1 to JUL 21
 M 1:00pm-5:00pm Bldg PHY, Room 3333 (LAB) Mathews, D
- PHYS 499** Special Problems in Physics 1-6 credits; Grading Method: REG-P-F/AUD
 Permission of department required
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PHYS 621** Graduate Laboratory 3 credits; Grading Method: REG/AUD
 Permission of department required. The course meets entire Summer Session I plus the first four weeks of Summer Session II.
 0101 Meets JUN 1 to JUL 4
 Tu 1:00pm-6:00pm Bldg PHY, Room 3333 (LAB) Mathews, D
 Design and performance of advanced experiments in modern and classical physics.
- PHYS 798** Special Problems in Advanced Physics 1-3 credits; Grading Method: REG/AUD
 Permission of department required. Contact department to make arrangements
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PHYS 798A** Special Problems in Advanced Physics: Phd Qualifier Workshop 3 credits; Grading Method: REG/AUD
 0101 MTuWThF 9:30am-10:50am Bldg PHY, Room 4220 Kim, Y
- PHYS 799** Master's Thesis Research 1-6 credits; Grading Method: REG
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PHYS 899** Doctoral Dissertation Research 1-8 credits; Grading Method: REG
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

PSYC

PSYCHOLOGY (BEHAVIOR AND SOCIAL SCI)

- PSYC 100** Introduction to Psychology 3 credits; Grading Method: REG-P-F/AUD
 Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
 0101 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1243 Sternheim, C
 0201 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1243 Sharkin, B
 A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.
- PSYC 200** Statistical Methods in Psychology 3 credits; Grading Method: REG-P-F/AUD
 0101 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1238 Hughes, A
 0201 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 1228 Dehls, V
 Prerequisite: PSYC 100 and MATH 111 or 140 or 220. A basic introduction to quantitative methods used in psychological research.
- PSYC 235** Psychology of Adjustment 3 credits; Grading Method: REG-P-F/AUD
 Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
 0101 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 1238 Coursey, R
 0201 MTuWThF 12:30pm-1:50pm Bldg ZOP, Room 1236 Steele, R
- PSYC 310** Perceptual Psychology 3 credits; Grading Method: REG-P-F/AUD
 Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
 0101 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 1236 Sternheim, C
 Prerequisite: PSYC 100 or consent of the instructor. A survey of phenomena and theories of perception including psychological, anatomical, physiological, and environmental factors important in determining how we perceive the world. Historical background will be examined as well as contemporary research. No credit for students who have completed PSYC 410.
- PSYC 332** Psychology of Human Sexuality 3 credits; Grading Method: REG-P-F/AUD
 0201 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 1243 Brown, R
 Prerequisite: PSYC 100. A survey of historical and contemporary psychological views on a wide variety of sexual behaviors, theory and research bearing on the relationship between life span psychological development, psychological functioning, interpersonal processes and sexual behaviors, political and social issues involved in current sexual norms and practices.
- PSYC 334** Psychology of Interpersonal Relations 3 credits; Grading Method: REG-P-F/AUD
 0201 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1236 Brown, R
- PSYC 336** Psychology of Women 3 credits; Grading Method: REG-P-F/AUD
 0201 MW 2:00pm-5:00pm Bldg ZOP, Room 1243 Staff
 Prerequisite: PSYC 100. A survey of the biological, life-span development, socialization, personality, mental health factors, and special problems of women.
- PSYC 337** Introduction to Community Psychology 3 credits; Grading Method: REG-P-F/AUD
 0201 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1238 Steele, R
 Prerequisite: PSYC 100. Survey and critical examination of environmental factors associated with variations in individual functioning. Effects of social process and social structure in community life on individual mental health, theoretical models in community psychology. Additional topics within community psychology.
- PSYC 353** Adult Psychopathology 3 credits; Grading Method: REG-P-F/AUD
 0101 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1236 Coursey, R
- PSYC 355** Child Psychology 3 credits; Grading Method: REG-P-F/AUD
 Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
 0101 TuTh 2:00pm-5:00pm Bldg ZOP, Room 1243 Johnson, J
 Prerequisite: PSYC 100. Survey of research and theory of psychological development from conception through childhood, stressing physiological, conceptual and behavioral changes and the social and biological context in which individuals develop. Not open for credit to students who have already completed PSYC 333.
- PSYC 361** Survey of Industrial and Organizational Psychology 3 credits; Grading Method: REG-P-F/AUD
 0101 TuTh 6:00pm-9:00pm Bldg ZOP, Room 1236 Rentsch, J
 Prerequisite: PSYC 100. A general survey of the field of industrial/organizational psychology including such topics as organizational entry, recruitment, selection, training, socialization, organizational psychology (motivation, leadership, job attitudes), and productivity in the work place (performance appraisal, absenteeism, turnover). The role that the larger environment plays in affecting work behaviors and work attitudes.
- PSYC 400** Experimental Psychology: Learning and Motivation 4 credits; Grading Method: REG-P-F/AUD
 Permission of department required
 0101 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 1250 Gollub, L
 0201 MTuWThF 9:30am-10:50am Bldg ZOP, Room 4102 (LAB) Gollub, L
 0102 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 1250 Gollub, L
 0103 MTuWThF 12:30pm-1:50pm Bldg ZOP, Room 4102 (LAB) Gollub, L
 Prerequisite: PSYC 100 and PSYC 200 or a course in statistics. Primarily for psychology majors. The experimental analysis of behavior with emphasis on conditioning, learning and motivational processes. Experiments are conducted on the behavior of animals.
- PSYC 420** Experimental Psychology: Social Processes 4 credits; Grading Method: REG-P-F/AUD
 0101 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1247 Sigall, H
 TuTh 12:30pm-1:50pm Bldg ZOP, Room 0147 (LAB) Sigall, H
 Prerequisite: PSYC 200 and 221. Primarily for psychology majors. A laboratory course which provides a basic understanding of experimental method in social psychology and experience in conducting research on social processes.
- PSYC 431** Abnormal Psychology 3 credits; Grading Method: REG-P-F/AUD
 0201 MTuWThF 8:00am-9:20am Bldg ZOP, Room 1250 Dies, R
 Prerequisite: PSYC 100. The nature, diagnosis, etiology, and treatment of mental disorders. A student may not receive credit for both PSYC 311 and 431.

PSYC cont.

- PSYC 436** Introduction to Clinical Psychology 3 credits; Grading Method: REG-P-F/AUD
 0101 MTuWThF 11:00am-12:20pm Bldg ZOP, Room 2283 Des, R
 Prerequisites: PSYC 100. A survey and critical analysis of clinical psychology, with particular emphasis on current developments and trends. Students will be expected to conduct individual projects with substantial amount of direct supervision.
- PSYC 440** Experimental Psychology: Cognitive Processes 4 credits; Grading Method: REG-P-F/AUD
 0201 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1234 Plude, D
 MW 11:00am-12:20pm Bldg ZOP, Room 1234 (LAB) Plude, D
 0202 MTuWThF 9:30am-10:50am Bldg ZOP, Room 1234 Plude, D
 TuTh 11:00am-12:20pm Bldg ZOP, Room 1234 (LAB) Plude, D
 Prerequisite: PSYC 200 or equivalent. A laboratory course which provides a systematic survey of the content, models, and methods in cognitive psychology with an emphasis on auditory and visual pattern recognition, information processing, attention, memory, learning, problem solving, and language.
- PSYC 478** Independent Study in Psychology 1-3 credits; Grading Method: REG-P-F/AUD
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PSYC 479** Special Research Problems in Psychology 1-3 credits; Grading Method: REG-P-F/AUD
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PSYC 499H** Honors Thesis Research 3 credits; Grading Method: REG-P-F/AUD
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PSYC 788** Special Research Problems 1-4 credits; Grading Method: REG/AUD
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PSYC 799** Master's Thesis Research 1-6 credits; Grading Method: REG
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- PSYC 899** Doctoral Dissertation Research 1-8 credits; Grading Method: REG
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff

RECR

RECREATION (PHYS ED, RECR, AND HEALTH)

- RECR 130** Recreation and Leisure 3 credits; Grading Method: REG-P-F/AUD
 Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
 0101 MTuWThF 9:30am-10:50am Bldg PRH, Room 1302 Iso-Ahola, S
 0201 MTuWThF 9:30am-10:50am Bldg PRH, Room 1302 Iso-Ahola, S
 The study of recreation and leisure behavior, including concepts, theories and terminology. Psychological, social psychological and sociological factors that affect recreation and leisure behavior throughout the lifespan. The history of recreation and leisure behavior in our changing society.
- RECR 220** Methods and Materials in Recreation 3 credits; Grading Method: REG-P-F/AUD
 0101 MW 7:00pm-10:00pm Bldg PRH, Room 0102 Strobel, A
 Roles, duties and responsibilities of the recreation activity leader. Practical experience in planning, organizing, leading, participating and evaluating a wide variety of recreation activities.
- RECR 325** General Fundamentals of Recreation 3 credits; Grading Method: REG-P-F/AUD
 0201 TuTh 7:00pm-10:00pm Bldg PRH, Room 1303 Staff
 This course is designed for and limited to students not majoring in recreation who wish to develop some understanding of the place, importance and potentialities of recreation in modern life. Included are the history of recreation, the social and cultural functions of recreation, leadership techniques, organization and administration, and interrelationships with other fields.
- RECR 335** Recreation and Leisure 3 credits; Grading Method: REG-P-F/AUD
 0101 MW 4:00pm-7:00pm Bldg PRH, Room 1302 Leedy, C
 Introduction to the study of leisure or park and recreation services. The challenges, opportunities, and problems of leisure as it affects individuals' lives and the social fabric of their local, national and world communities.
- RECR 340** Field Work I 6 credits; Grading Method: REG
 Permission of department required. Sophomore field experience. Students may enroll for either Section 0101 or 0201 but must attend all class meetings during both summer sessions. Section 0102 is Field Work II in recreation resource planning and management and is held in New Hampshire. Cost for Section 0102 includes tuition plus room, board and incidental field expenses.
 0101 Tu 7:00pm-9:00pm Bldg PRH, Room 0305 Leedy, C
 Time Arranged Room Arranged
 0102 Time Arranged Room Arranged (LAB) Kuss, F
 0201 Tu 7:00pm-9:00pm Bldg PRH, Room 0305 Iso-Ahola, S
 Time Arranged Room Arranged
 Prerequisite: RECR 200 and consent of the department. Practical field experience in developing recreation activity leadership skills at an organized recreation department or agency. Students will be expected to make a commitment for a minimum of eight weeks or equivalent.
- RECR 341** Field Work II 8 credits; Grading Method: REG
 Permission of department required. Recreation majors only. Students may enroll for either Sections 0101 or 0201 but must attend all class meetings during both summer sessions. Section 0102 is Field Work II in recreation resource planning and management and is held in New Hampshire. The cost for Section 0102 includes tuition plus room, board and incidental field expenses.
 0101 Th 7:00pm-8:00pm Bldg PRH, Room 0305 Smith, R
 Time Arranged Room Arranged
 0102 Time Arranged Room Arranged (LAB) Kuss, F
 0201 Th 7:00pm-9:00pm Bldg PRH, Room 0305 Smith, R
 Time Arranged Room Arranged
 Prerequisite: RECR 300 and consent of the department. Observation and field work placement situated and arranged on the basis of the student's interest and future employment plans. Leadership activity and participation in staff activities and responsibilities.
- RECR 386** Field Work I 1-3 credits; Grading Method: REG
 Permission of department required. Advisor approval required before registration.
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- RECR 387** Field Work Analysis 1-3 credits; Grading Method: REG
 Permission of department required. Advisor approval required before registration.
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- RECR 432** Philosophy of Recreation 3 credits; Grading Method: REG-P-F/AUD
 Limited to recreation majors only. All at least 36 credits earned.
 0101 MTuWThF 9:30am-10:50am Bldg PRH, Room 0307 Churchill, J
 Prerequisite: PSYC 100. A study of recreation as relationships, and forms of recreation as expressed by past and present authorities and leaders. This course should be of interest to people active in education, social work, and related fields.
- RECR 489** Field Laboratory Projects and Workshop 1-6 credits; Grading Method: REG-P-F/AUD
 Permission of department required. Advisor approval required before registration.
 0101 Time Arranged Room Arranged Staff
 0201 Time Arranged Room Arranged Staff
- RECR 489C** Field Laboratory Projects and Workshop: Creative Endeavors in Recreation Practice 3 credits; Grading Method: REG
 0101 MW 4:00pm-7:00pm Bldg PRH, Room 0303 Strobel, A

RECR cont.

- RECR 490 Organization and Administration of Recreation 3 credits, Grading Method: REG P-F-AUD**
At least 56 credits earned.
- 0101 TuTh 4:00pm-7:00pm Bldg PRH, Room 1302 Churchill, J
A study of the organizational patterns and administrative programs involved in the various types of operating recreation departments and agencies, forms of organization, finance and budget, personnel, public relations.
- RECR 498L Special Topics in Recreation: Avocational Choice: Theory and Practice**
3 credits, Grading Method: REG P-F-AUD
- 0101 TuTh 7:00pm-10:00pm Bldg PRH, Room 0303 Annand, V
- RECR 498P Special Topics in Recreation: Foundations of the Leisure Profession**
3 credits, Grading Method: REG P-F-AUD
- 0201 MW 7:00pm-10:00pm Bldg PRH, Room 0305 Staff
Not offered for graduate credit.
- RECR 688 Special Problems in Recreation 1-6 credits, Grading Method: REG**
Permission of department required. Graduate students only. Advisor approval required before registration.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- RECR 688E Special Problems in Recreation: Recreation Resource Planning and Management**
1-6 credits, Grading Method: REG-FAUD
Permission of department required.
- 0201 Time Arranged Room Arranged Kuss, F
A course in forest and park planning and management that focuses on the conservation of wildlands for their recreation, socio-economic and ecological values. Planning and management concepts are centered around issues-oriented study. Consideration given to wilderness and wild river systems, wildlife and endangered species, and protection of unique natural areas. The course is held in New Hampshire in cooperation with the White Mountain National Forest, Appalachian Mountain Club and Dartmouth College Division of Outdoor Affairs. Cost includes tuition plus room, board and incidental field expenses.

- RECR 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- RECR 859 Doctoral Dissertation Research 1-8 credits, Grading Method: REG**
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

RTVF**RADIO TELEVISION AND FILM (ARTS AND HUMANITIES)**

- RTVF 124 Mass Communication in 20th Century Society 3 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
- 0101 MTuWTh 12:00pm-1:50pm Bldg TWS, Room 0147 Panks, S
The evolution of mass communications and the impact of the media on contemporary society. Emphasis on broadcasting and film treatments of social, economic, or political issues.
- RTVF 222 Introduction to Radio, Television, and Film 3 credits, Grading Method: REG P-F-AUD**
- 0101 MTuWTh 11:00am-12:20pm Bldg TWS, Room 0147 Brown, D
The development, scope and influence of radio, television, and film, emphasis on the relationship of the industries to audiences, advertisers, and government.

- RTVF 223 The Television Program: Planning and Management**
3 credits, Grading Method: REG P-F-AUD
- 0201 MTuWTh 11:00am-12:20pm Bldg TWS, Room 0147 Lancaster, D
Prerequisite: RTVF 222. Study of basic program formats and variations with special emphasis on pre-production planning, production organization, management, facility utilization and cost analysis.

- RTVF 302 Beginning Sound Production 3 credits, Grading Method: REG P-F-AUD**
- 0201 MTuWTh 2:00pm-3:20pm Bldg TWS, Room 0131 Lancaster, D
Prerequisite: RTVF 223. Practical experience in sound production, including scriptwriting, acoustics, planning, recording, editing, and coordination of personnel. Application principally toward radio.

- RTVF 314 Introduction to the Film 3 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (C) Literature and the Arts requirement.
- 0101 MTuWTh 9:00am-11:00am Bldg TWS, Room 2154 Weiss, G
An elementary survey of the film as an art form. Included are the medium of the cinema, a brief survey of its development, film genres, esthetics, criticism, and the current international scene. A series of significant American and foreign films are viewed.

- RTVF 317 Radio and Television Continuity Writing 3 credits, Grading Method: REG**
- 0101 MTuWTh 9:00am-10:50am Bldg TWS, Room 0147 Robinson, E
0201 MTuWTh 12:30pm-1:50pm Bldg TWS, Room 0147 Blum, R
Prerequisites: RTVF 223 and ENGL 391 or exemption from the latter. Principles, methods and limitations of writings for radio and television. Application toward writing of general types of commercials and commercials.

- RTVF 340 Principles of Television Production Techniques 3 credits, Grading Method: REG P-F-AUD**
- 0201 MTuWTh 9:00am-11:00am Bldg TWS, Room 0117 Alyward, T
Prerequisite: RTVF 223 and consent of the instructor. Theory, methods techniques and problems of television production, television cameras and lenses, lighting theory and practices, audio, graphic arts and special effects. Practical application in television studios.

- RTVF 351 Television Programming 3 credits, Grading Method: REG P-F-AUD**
- 0201 MTuWTh 9:30am-10:50am Bldg TWS, Room 0147 Blum, R
Prerequisite: RTVF 223. Introduction to the roles, types, theories, regulations, and conventions of television programming. Exploration of the history of programmers, advertisers, ratings services, producers, and regulated bodies through a programming unit.

- RTVF 356 Film Production I, Introduction 3 credits, Grading Method: REG P-F-AUD**
- 0101 / MTuWTh 11:00am-12:20pm Bldg TWS, Room 2218 Weiss, G
Prerequisites: For majors, RTVF 222 and consent of instructor, for non-majors, consent of the instructor. Introduction to film technology and techniques.

- RTVF 384 Field Work Experience 1-3 credits, Grading Method: S-F**
Permission of department required. RTVF majors only.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
Supervised professional field work experience in business, industry, government or education. Enrollment is by permission of the department and is limited to majors.

- RTVF 385 Field Work Analysis 1-3 credits, Grading Method: REG-FAUD**
Permission of department required.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
A seminar and/or a written critique of the field work experience is required. Enrollment is by permission of the department and is limited to majors.

- RTVF 418S The Film Author: The Films of Stanley Kubrick 3 credits, Grading Method: REG P-F-AUD**
0201 TuTh 1:00pm-3:00pm Bldg TWS, Room 2154 Kolkar, R
- RTVF 449 Television Workshop 1-3 credits, Grading Method: REG P-F-AUD**
Permission of department required.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

- RTVF 456 Structure and Criticism of TV Advertising 3 credits, Grading Method: REG**
- 0101 MTuWTh 11:00am-12:20pm Bldg TWS, Room 2154 Robinson, E
Prerequisites: RTVF 222, RTVF 223 and RTVF 317. An examination of the persuasive power of television advertising. Analysis of form, structure and content of the television commercial and techniques used to influence attitudes and behavior.

RTVF cont.

- RTVF 498 Seminar 3 credits, Grading Method: REG P-F-AUD**
Permission of department required.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- RTVF 498L Seminar: Broadcast Sales and Management 3 credits, Grading Method: REG P-F-AUD**
- 0101 TuTh 3:00pm-6:00pm Bldg TWS, Room 0135 Kirkley, J, D
- RTVF 498V Seminar: Field Production 3 credits, Grading Method: REG P-F-AUD**
- 0101 MTuWTh 9:30am-10:50am Bldg TWS, Room 0135 Sincell, C
- RTVF 628S Seminar in Film: The Films of Stanley Kubrick 3 credits, Grading Method: REG-FAUD**
- 0101 TuWTh 1:00pm-3:00pm Bldg TWS, Room 2154 Kolkar, R
- RTVF 648X Seminar in Broadcasting: Broadcast Sales and Management**
2 credits, Grading Method: REG-FAUD
- 0101 TuTh 3:00pm-6:00pm Bldg TWS, Room 0135 Kirkley, J, D
- RTVF 699 Independent Study 1-3 credits, Grading Method: REG-FAUD**
Permission of department required.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff
- RTVF 799 Master's Thesis Research 1-6 credits, Grading Method: REG**
- 0201 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

SLAV**(ARTS AND HUMANITIES)**

- SLAV 101 Elementary Russian I 4 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (A) Cultural and Historical requirement.
- 0101 MTuWTh 9:00am-12:00pm Bldg JMZ, Room 3205 Berry, T
Elements of grammar, pronunciation and conversation, exercises in translation. Readings concern the current literary and civilization of the Russian-speaking world.

- SLAV 102 Elementary Russian II 4 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (A) Cultural and Historical requirement.
- 0201 MTuWTh 9:30am-12:00pm Bldg JMZ, Room 3205 Schallert, W
Prerequisite: SLAV 101 or equivalent. A communicative approach to Russian grammar and culture.

- SLAV 104 Intermediate Russian 4 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (A) Cultural and Historical requirement.
- 0101 MTuWTh 9:30am-12:00pm Bldg JMZ, Room 2122 Hitchcock, D
Prerequisite: SLAV 102 or equivalent. Grammar review and greater mastery of vocabulary, idioms, conversational fluency and compositional skills. Readings stress the current literary and civilization of the Russian-speaking world.

- SLAV 201 Russian Conversation and Composition 1.3 credits, Grading Method: REG P-F-AUD**
- 0201 MTuWTh 9:30am-12:15pm Bldg JMZ, Room 1117 Staff
Prerequisite: SLAV 115 or equivalent. A practical language course recommended for all students continuing in Russian.

- SLAV 499 Directed Study 1-3 credits, Grading Method: REG P-F-AUD**
- 0101 Time Arranged Room Arranged Hitchcock, D
0201 Time Arranged Room Arranged Staff

SOCL**(BEHAVIOR AND SOCIAL SCI)**

- SOCL 100 Introduction to Sociology 3 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
- 0101 MTuWTh 2:00pm-3:20pm Bldg ASY, Room 3207 Ritzer, G
0201 MTuWTh 2:00pm-3:20pm Bldg ASY, Room 3203 Pease, J

- SOCL 105 Introduction to Contemporary Social Problems 3 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
- 0101 MTuWTh 12:30pm-1:50pm Bldg ASY, Room 3203 Hunt, L
0201 MTuWTh 12:30pm-1:50pm Bldg ASY, Room 3203 Canjar, R

- An examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality. Not open to students who already have credit for SOCL 310.

- SOCL 201 Introductory Statistics For Sociology 4 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement.
- 0101 MTuWTh 12:30pm-1:50pm Bldg ASY, Room 3207 Staff
TuTh 9:00am-10:30am Bldg TWS, Room 2207 (LAB)

- Prerequisites: SOCL 100 or 105 or MATH 110 or equivalent. Elementary descriptive and inferential statistics. Construction and percentage of bivariate contingency tables; frequency distributions and graphic presentations, measures of central tendency and dispersion; parametric and nonparametric measures of association and correlation; regression; probability; hypothesis testing; the normal, binomial and chi-square distributions; point and interval estimates.

- SOCL 300 American Society 3 credits, Grading Method: REG P-F-AUD**
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
- 0101 MTuWTh 9:30am-10:50am Bldg TWS, Room 2203 Landry, L
The social structure and organization of American society with special reference to recent social change. A sociological perspective on urban and other population trends; the character structure, values and ideology of Americans - social movements and changes in work, family life and recreation.

- SOCL 305 Society and Modern Society 3 credits, Grading Method: REG P-F-AUD**
Meets USP Advanced Studies Analysis of Human Problems requirement.
- 0201 MTuWTh 9:30am-10:50am Bldg ASY, Room 3203 Finsterbusch, K
Prerequisite: SOCL 100 or 300. The problems of resource depletion and the deterioration of the environment. Emphasis is on the relationship to life styles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the future literature.

- SOCL 325 Sex Roles 3 credits, Grading Method: REG P-F-AUD**
Meets USP Advanced Studies Analysis of Human Problems requirement.
- 0101 MTuWTh 2:00pm-3:20pm Bldg ASY, Room 3203 Hunt, J
Sex-role differentiation and sex inequality from a sociological perspective. Institutional bases of sex inequality, cultural and views of the sexes, sex-role socialization and sex-role change. Emphasis on contemporary American society.

- SOCL 343 Sociology of Marriage and Family 3 credits, Grading Method: REG P-F-AUD**
- 0101 MTuWTh 11:00am-12:20pm Bldg ASY, Room 3203 Imamura, A
Prerequisite: SOCL 100 or 105. The sociological study of marriage and family life, including a consideration of demographic trends in marriage, childbearing, divorce, sociological theories of mate selection, marital interaction, and marital dissolution. The course includes discussion of some contemporary controversial issues, such as the relationship of unmarried couples, alternative marriage forms, abortion, and violence in the family.

- SOCL 386 Field Work 1-3 credits, Grading Method: REG P-F-AUD**
Permission of department required.
- 0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

SOCY cont.

SOCY 387	Field Work Analysis I-3 credits; Grading Method: REG P-F-AUD Permission of department required	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SOCY 399	Independent Study in Sociology 1-6 credits; Grading Method: REG P-F-AUD Permission of department required	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SOCY 699	Special Social Problems 1-16 credits; Grading Method: REG AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SOCY 799	Master's Thesis Research 1-6 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SOCY 899	Doctoral Dissertation Research 1-8 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

SPAN (ARTS AND HUMANITIES)

SPAN 101	Elementary Spanish 4 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement	Bldg. JMZ, Room 1215	Weber, L
0101	MTuWTh 8:45am-11:00am	Bldg. JMZ, Room 1208	Gomez, J
0201	MTuWTh 8:45am-11:00am	Bldg. JMZ, Room 0208	Martins, L
Introduction to basic structures, with emphasis upon understanding and speaking. Normally leads to 102, but pre-learned students may be recommended for 103H			
SPAN 102	Elementary Spanish 4 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement	Bldg. JMZ, Room 1120	Rios, A
0101	MTuWTh 8:45am-11:00am	Bldg. JMZ, Room 1224	Fress, M
0201	MTuWTh 8:45am-11:00am		
Continuation of SPAN 101, with increasing emphasis upon reading skill, reinforced by discussion and composition.			
SPAN 203	Intermediate Spanish 4 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement Formerly SPAN 104	Bldg. JMZ, Room 1226	Garca A. Castano, A
0101	MTuWTh 8:45am-11:00am	Bldg. JMZ, Room 1206	
0201	MTuWTh 8:45am-11:00am		
Continued development of the skills of understanding and speaking with supplementary attention to reading and writing. Enriched course of study, with broad oral base and related development of reading and writing.			
SPAN 204	Review of Oral and Written Spanish 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement Formerly SPAN 201	Bldg. JMZ, Room 1117	Downey-Vanover, J
0101	MTuWTh 9:00am-10:45am		
Prerequisite: SPAN 203. A practical language course recommended for all students continuing in Spanish. May be taken concurrently with SPAN 211 or SPAN 205			
SPAN 221	Readings in Spanish 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (C) Literature and the Arts requirement	Bldg. JMZ, Room 1211	Bracho, C
0201	MTuWTh 9:00am-10:45am		
Prerequisite: SPAN 204. Selected readings from various genres in Spanish and Spanish American literature. Classroom and brief written reports in Spanish			
SPAN 311	Advanced Conversation I 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement	Bldg. JMZ, Room 1104	Cordero-Roman, A
0101	MTuWTh 9:00am-10:45am		
Prerequisite: SPAN 204 or 205 or consent of instructor. Designed to develop fluency and accuracy in speaking Spanish			
SPAN 312	Advanced Conversation II 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement	Bldg. JMZ, Room 1215	Valencia, J
0201	MTuWTh 9:00am-10:45am		
Prerequisite: SPAN 205 or 311 or consent of instructor			
SPAN 321	Survey of Spanish Literature: 12th-17th Century 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (C) Literature and the Arts requirement	Bldg. JMZ, Room 1103	Zappala, M
0101	MW 9:00am-12:00pm		
SPAN 399	Independent Study in Spanish 1-3 credits; Grading Method: REG P-F-AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SPAN 408	Great Themes of the Hispanic Literatures: Picaresque Novel 3 credits; Grading Method: REG P-F-AUD	Bldg. JMZ, Room 1103	Zappala, M
0101	TuTh 9:00am-12:00pm		
SPAN 448	Special Topics in Latin American Civilization: Novel and Film of Mexican Revolution 3 credits; Grading Method: REG P-F-AUD	Bldg. JMZ, Room 2207	Aguilar-Mora, J
0201	TuTh 9:00am-12:00pm		
SPAN 469	Modernism and Post-Modernism in Spain and Spanish-America; Contemporary Latin American Poetry 3 credits; Grading Method: REG P-F-AUD	Bldg. JMZ, Room 2207	Aguilar-Mora, J
0201	MW 9:00am-12:00pm		
SPAN 699	Independent Study in Spanish 1-3 credits; Grading Method: REG AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SPAN 799	Master's Thesis Research 1-6 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SPAN 899	Doctoral Dissertation Research 1-8 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

SPEECH (ARTS AND HUMANITIES)

SPCH 100	Basic Principles of Speech Communication 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 1202	Staff
0101	MTuWThF 8:00am-9:20am	Bldg. TWS, Room 1202	Carlson, C
0102	MTuWThF 9:30am-10:50am	Bldg. TWS, Room 0131	Klump, J
0103	MTuWThF 9:30am-10:50am	Bldg. TWS, Room 1202	Klump, J
0104	MTuWThF 11:00am-12:20pm	Bldg. TWS, Room 2212	Dow, T
0201	MTuWThF 8:00am-9:20am	Bldg. TWS, Room 1202	Staff
0202	MTuWThF 9:30am-10:50am		
Prerequisite for advanced speech courses: A study of oral communication principles, including verbal and nonverbal language, listening, group dynamics, and public speaking. Emphasis in this course is on the application of these principles to communication problems and upon the preparation of different types of oral discourse. SPCH 100 and 107 may not both be used for credit			
SPCH 107	Technical Speech Communication 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 2215	Wolow, A
0101	MTuWThF 9:30am-10:50am	Bldg. TWS, Room 2212	Wolow, A
0102	MTuWThF 11:00am-12:20pm	Bldg. TWS, Room 0131	Wilson, C
0103	MTuWThF 12:30pm-1:50pm	Bldg. TWS, Room 0135	Wilson, C
0104	MTuWThF 11:00am-12:20pm	Bldg. TWS, Room 0135	Wilson, C
0201	MTuWThF 8:00am-9:20am	Bldg. TWS, Room 2218	Staff

SPCH cont.

0202	MTuWThF 9:30am-10:50am	Bldg. TWS, Room 2228	Staff
0203	MTuWThF 11:00am-12:20pm	Bldg. TWS, Room 1100-12:20pm	Staff
A study of oral communication as it is part of technical fields. Emphasis in this course is on the principles and techniques of interviewing, group discussion, listening, and informative and persuasive briefings and speeches. SPCH 100 and 107 may not both be used for credit.			
SPCH 125	Introduction to Interpersonal Communication 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 0131	Edgar, T
0201	MTuWThF 9:30am-10:50am	Bldg. TWS, Room 0131	Edgar, T
0202	MTuWThF 11:00am-12:20pm	Bldg. TWS, Room 0131	Edgar, T
Communication processes in dyadic relationships.			
SPCH 220	Group Discussion 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 1204	Staff
0101	MTuWThF 9:30am-10:50am		
A study of the principles, methods and types of discussion, and their application in the discussion of contemporary issues.			
SPCH 230	Argumentation and Debate 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 2230	Doyle, T
0201	TuTh 4:00pm-7:00pm		
A study of the fundamental principles of reasoning, analysis, and evidence preparation of debate briefs and presentation of standard academic debate.			
SPCH 425	Communication and Sex Roles 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Human Problems requirement.	Bldg. TWS, Room 0131	Carlson, C
0101	MTuWThF 11:00am-12:20pm		
An investigation of the creation of images of male and female, and masculine and feminine, through communication; the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female interpersonal transactions.			
SPCH 475	Persuasion in Speech 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 0147	Fink, E
0101	TuTh 2:30pm-5:30pm		
Prerequisite: SPCH 200 or 230. A study of the bases of persuasion with emphasis on recent experimental developments in persuasion.			
SPCH 488	Speech Communication Internship 1-6 credits; Grading Method: REG P-F-AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SPCH 775	Seminar in Persuasion and Attitude Change 3 credits; Grading Method: REG AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
This seminar will concentrate on the problem of making message strategy decisions. Course content will consist of study of both theoretical and empirical research on attitude and attitude change in persuasive communication.			
SPCH 799	Independent Study 1-3 credits; Grading Method: REG AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
SPCH 799	Master's Thesis Research 1-6 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

STAT (COMP, MATH, AND PHYS SCI)

STAT 400	Applied Probability and Statistics I 3 credits; Grading Method: REG P-F-AUD	Bldg. TWS, Room 2212	Fink, E
0101	MTuWThF 9:30am-10:50am	Bldg. MTH, Room 0106	Staff
0201	MTuWThF 9:30am-10:50am		
Prerequisite: MATH 141. Random variables, standard distributions, moments, law of large numbers and central limit theorem. Sampling methods, estimation of parameters, testing of hypotheses.			
STAT 799	Master's Thesis Research 1-6 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
STAT 899	Doctoral Dissertation Research 1-8 credits; Grading Method: REG	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

TEXT (HUMAN ECOLOGY)

TEXT 150	Introduction to Textile Materials 3 credits; Grading Method: REG P-F-AUD	Bldg. MMH, Room 2401	Book, I
0101	MTuWThF 9:30am-10:50am	Bldg. MMH, Room 2401 (LAB)	
An introduction to the properties of textile materials. Behavior of textile materials are observed in relation to environmental conditions which influence aesthetics, comfort and performance.			
TEXT 250	Textile Materials: Evolution and Characterization 3 credits; Grading Method: REG P-F-AUD	Bldg. MMH, Room 2201	Pourdeyhimi, B
0201	MTuWTh 9:30am-10:50am	Bldg. MMH, Room 2201 (LAB)	
Prerequisite: TEXT 150. An investigation of the behavior of textile materials in relation to environmental factors and conditions of service influencing performance, comfort and aesthetics. Laboratory experience provides an opportunity to explore a variety of textile materials and methods of evaluation.			
TEXT 347	History of Costume II 3 credits; Grading Method: REG P-F-AUD	Bldg. MMH, Room 0108	Jung, K
0201	TuTh 7:00pm-10:00pm		
The development of European and American dress from the Renaissance to the present, relating the history of costume to changing technology, social attitudes and trends in the popular and fine arts.			
TEXT 363	History of Textiles 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement.	Bldg. MMH, Room 3418	Anderson, C
0101	MTuWThF 9:30am-10:50am		
A study of historic and contemporary fibers and fabrics. The analysis of designs and techniques of decorating fabrics and the relationship of textiles to the aesthetic and developmental cultures of society.			
TEXT 388	Field Work and Analysis in Textiles 3-6 credits; Grading Method: S-F Limited to majors in textiles and consumer economics.	Room Arranged	Wagner, J
0101	Time Arranged	Room Arranged	Wagner, J
0201	Time Arranged	Room Arranged	Wagner, J
TEXT 498	Special Studies 2-4 credits; Grading Method: REG P-F-AUD	Room Arranged	Staff
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

THEATRE (ARTS AND HUMANITIES)

THET 110	Introduction to the Theatre 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (C) Literature and the Arts requirement.	Bldg. TWS, Room 0241	Mearns, R
0101	MTuWThF 9:30am-10:50am	Bldg. TWS, Room 0241	Oleyns, R
0201	MTuWThF 11:00am-12:20pm	Bldg. TWS, Room 0241	Oleyns, R
Introduction to the people of the theatre: actors, directors, designers and backstage personnel. The core and characteristics of a play script, theatrical forms and styles, and theater history.			

THET cont.

THET 120	Acting Fundamentals 3 credits; Grading Method: REG-P-F/AUD		
0101	MTUWTFH 11.00am-12.20pm	Blgd TWS, Room 1228	Elam, H
Basic principles of acting techniques. Exercises structured to develop the student's concentration, imagination, sense and emotional energy. Textual analysis, character analysis and scene study; and the application of these techniques to character portrayal through performance of short scenes.			
THET 310	The American Theatre 3 credits; Grading Method: REG-P-F/AUD		
0201	MTUWTH 9.30am-10.50am	Blgd TWS, Room 1204	O'Leary, R
An analysis of the theatre people, plays, events and social forces which shaped an evolution from the colonial beginnings of artistic dependence on England to the uniquely American theatre of today.			
THET 386	Field Work 1-3 credits; Grading Method: REG-P-F/AUD		
0101	Time Arranged	Room Arranged	Staff
THET 387	Field Work Analysis 1-3 credits; Grading Method: REG-P-F/AUD		
0101	Time Arranged	Room Arranged	Staff
THET 479	Theater Workshop 1-3 credits; Grading Method: REG-P-F/AUD		
0101	Time Arranged	Room Arranged	Kriebis, D
THET 495	History of Theatrical Theory and Criticism 3 credits; Grading Method: REG-P-F/AUD		
0101	MTUWTH 9.30am-10.50am	Blgd TWS, Room 0138	Elam, H
The development of theatrical theory and criticism from the Greeks to the modern theorist. The philosophical basis of theatre as an art form. Important theorists and the practical application of their theories in either play scripts or theatrical productions. Required attendance at selected live theatre productions.			
THET 499	Independent Study 3 credits; Grading Method: REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
THET 499C	Independent Study: Criticism in the Public and Communicative Arts 3 credits; Grading Method: REG/AUD		
0101	MTUWTH 11.00am-12.20pm	Blgd TWS, Room 0241	Meersman, R
THET 607	Criticism in the Public and Communicative Arts 3 credits; Grading Method: REG/AUD		
0101	MTUWTH 11.00am-12.20pm	Blgd TWS, Room 0241	Meersman, R
THET 669	Independent Study 3 credits; Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
THET 799	Master's Thesis Research 1-6 credits; Grading Method: REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

TXCE**TEXTILES AND CONSUMER ECONOMICS (HUMAN ECOLOGY)**

TXCE 508	Spanish 1-3 credits; Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
TXCE 799	Master's Thesis Research 1-6 credits; Grading Method: REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
TXCE 899	Doctoral Dissertation Research 1-8 credits; Grading Method: REG		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

UMEI**MARYLAND ENGLISH INSTITUTE (ARTS AND HUMANITIES)**

UMEI 001	English as a Foreign Language: Beginning No credit; Grading Method: S-F		
Permission of department required.			
0101	Meets JUN 15 to AUG 7	Room Arranged	Staff
0102	Meets JUN 15 to AUG 7	Time Arranged	Staff
Intensive course for the non-native speaker of English who has little or no previous knowledge of English. Focus on the rapid acquisition of the basic features of English grammar and pronunciation and on speaking and understanding American English reading and writing appropriate to the level. Will be included Special Fee. Carries no credit towards any degree and does not count in the retention plan.			
UMEI 002	English as a Foreign Language: Intermediate I No credit; Grading Method: S-F		
Permission of department required.			
0101	Meets JUN 15 to AUG 7	Room Arranged	Staff
0102	Meets JUN 15 to AUG 7	Time Arranged	Staff
Intensive course for the non-native speaker of English who has had some previous instruction in English. Emphasis on improving listening and speaking skills, on mastering intermediate grammatical structures, and on expanding vocabulary. Includes practice reading and writing appropriate to the level. Special fee. Carries no credit towards any degree and does not count in the retention plan.			
UMEI 003	English as a Foreign Language: Intermediate II No credit; Grading Method: S-F		
Permission of department required.			
0101	Meets JUN 15 to AUG 7	Room Arranged	Staff
0102	Meets JUN 15 to AUG 7	Time Arranged	Staff
Intensive course for the non-native speaker of English who has mastered the essential structures of English grammar. Emphasis on improving communicative skills for a wide range of linguistic situations, on rapid expansion of vocabulary, and on improving reading comprehension and basic writing skills. Special fee. Carries no credit towards any degree and does not count in the retention plan.			
UMEI 004	English as a Foreign Language: Intermediate III No credit; Grading Method: S-F		
Permission of department required.			
0101	Meets JUN 15 to AUG 7	Room Arranged	Staff
0102	Meets JUN 15 to AUG 7	Time Arranged	Staff
Intensive course for the non-native speaker of English who has a good command of the basic features of spoken and written English. Emphasis on refining speaking and listening skills, on improving reading speed and comprehension of academic texts, and on developing writing skills for academic courses. Special fee. Carries no credit towards any degree and does not count in the retention plan.			
UMEI 005	Advanced English as a Foreign Language No credit; Grading Method: S-F		
Permission of department required.			
0201	MTUWTH 9.00am-11.00am	Blgd ARC, Room 1121	Staff
0202	MTUWTH 1.00pm-3.00pm	Blgd ARC, Room 1121	Staff
0203	MTUWTH 9.00am-11.00am	Blgd JMZ, Room 0204	Staff
0204	MTUWTH 9.00am-11.00am	Blgd JMZ, Room 0204	Staff
Semi-intensive course for the nearly proficient non-native speaker of English needing additional			

UMEI cont.

UMEI 006			
language instruction prior to undertaking full-time academic study. Speaking and listening skills, improvement of reading speed and comprehension; and development of writing skills with special emphasis on research papers and use of the University library. Special fee. This course does not carry credit towards any degree at the university and does not count in the retention plan. Grading Method: S-F. Permission of department required.			
0101	W 10.00am-12.00pm	Blgd JMZ, Room 1211	Staff
0201	W 10.00am-12.00pm	Blgd JMZ, Room 0202	Staff
Individual class for the non-native speaker of English. Diagnosis of individual pronunciation problems. Practice in the correct pronunciation of English sounds and improvement of ability to speak English with proper stress and intonation patterns. Special fee. This course does not carry credit towards any degree at the University and does not count in the Retention Plan.			

URBS**INSTITUTE FOR URBAN STUDIES (BEHAVIOR AND SOCIAL SCI)**

URBS 100	Introduction to Urban Studies 3 credits; Grading Method: REG-P-F/AUD		
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.			
0101	Tu 10.00am-1.00pm	Blgd LEF, Room 2123	Laidlaw, C
0201	Th 10.00am-3.00pm	Blgd LEF, Room 2123	Laidlaw, C
Contemporary urban patterns, trends and problems. Major urban issues, such as: population, the economy, land use, housing, neighborhood development, fiscal and unemployment crises, and social, environmental, and political controversies of metropolitan areas. Urbanization patterns and policies internationally.			
URBS 350	Quantitative Methods in Urban Studies 3 credits; Grading Method: REG-P-F/AUD		
0101	TuTh 6.00pm-9.00pm	Blgd LEF, Room 1179	Laidlaw, C
Prerequisite: two of URBS 100, 210, or 220; or permission of instructor. A practical introduction to urban data sources and measurements, basic descriptive statistics, urban data collection, sampling and questionnaire design, field techniques, plan use, introduction to computer use and data presentation.			
URBS 386	Field Work 1-3 credits; Grading Method: REG-P-F/AUD		
Permission of department required. Learning contract must be obtained from 0119			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 387	Field Work Analysis 1-3 credits; Grading Method: REG-P-F/AUD		
Permission of department required. Learning contract must be obtained from 0119			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 399A	Independent Study in Urban Topics: Independent Study for Interns 3 credits; Grading Method: REG-P-F/AUD		
Permission of department required. May be taken concurrently with URBS 438, Urban Internship.			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 399I	Independent Study in Urban Topics 3 credits; Grading Method: REG-P-F/AUD		
Permission of department required.			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 438	Urban Internship 1-6 credits; Grading Method: REG-P-F/AUD		
Permission of department required. Concurrent registration with URBS 399A is possible.			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 488B	Selected Topics in Urban Studies: Urban and Metro Budgeting and Administration 3 credits; Grading Method: REG-P-F/AUD		
0101	MW 3.00pm-6.00pm	Blgd LEF, Room 1222	Marando, V
URBS 488C	Selected Topics in Urban Studies: The Contemporary City 3 credits; Grading Method: REG-P-F/AUD		
0201	TuTh 4.00pm-7.00pm	Blgd LEF, Room 1222	Kellerman, A
URBS 488D	Selected Topics in Urban Studies: Micro Computer Applications in Planning 3 credits; Grading Method: REG-P-F/AUD		
0201	TuTh 12.00pm-3.00pm	Blgd LEF, Room 1219	Chang, W
URBS 688B	Recent Developments in Urban Studies: Urban and Metro Budgeting and Administration 3 credits; Grading Method: REG/AUD		
0101	MW 3.00pm-6.00pm	Blgd LEF, Room 1222	Marando, V
URBS 688C	Recent Developments in Urban Studies: The Contemporary City 3 credits; Grading Method: REG/AUD		
0201	TuTh 4.00pm-7.00pm	Blgd LEF, Room 1222	Kellerman, A
URBS 688D	Recent Developments in Urban Studies: Micro Computer Applications in Planning 3 credits; Grading Method: REG/AUD		
0201	TuTh 12.00pm-3.00pm	Blgd LEF, Room 1219	Chang, W
URBS 689	Internship Seminar: Graduate Internship 3-6 credits; Grading Method: REG/AUD		
Permission of department required.			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 698	Independent Study in Urban Topics 3 credits; Grading Method: REG/AUD		
Permission of department required. Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
URBS 698A	Independent Study in Urban Topics: Independent Study for Interns 3 credits; Grading Method: REG/AUD		
Contact department to make arrangements. Concurrent registration with URBS 689 is possible.			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 698I	Independent Study in Urban Topics 3 credits; Grading Method: REG/AUD		
Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	Williams, B
0201	Time Arranged	Room Arranged	Williams, B
URBS 698R	Independent Study in Urban Topics: Independent Readings 3 credits; Grading Method: REG/AUD		
Permission of department required.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
URBS 799	Master's Thesis Research 1-6 credits; Grading Method: REG		
Permission of department required.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

WMST**WOMEN'S STUDIES (ARTS AND HUMANITIES)**

WMST 200	Introduction to Women's Studies: Women and Society 3 credits; Grading Method: REG-P-F/AUD		
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.			
0201	MWF 10.00am-12.00pm	Blgd LEF, Room 1210	Zieger, R
A historic and interdisciplinary study of the status, roles, and experiences of women. Sources from a variety of fields such as literature, psychology, history, and anthropology, focusing on the writings of			

WMST cont.

WMST 250 Introduction to Women's Studies: Women, Art and Culture			
3 credits; Grading Method: REG-P-F/AUD			
Meets USP Distributive Studies (C) Literature and the Arts requirement.			
0101	MW 10:00am-1:00pm	Bldg. HBK, Room 0117	Pratt, M
An exploration of women's creativity. Topics include traditional and alternative women's cultures, art, myth, literature, and theology by women; women's heroic journeys; and emerging feminist art and culture.			
WMST 350 Feminist Education Practicum 1-3 credits; Grading Method: REG-P-F/AUD			
0101	Time Arranged	Room Arranged	Pratt, M
0201	Time Arranged	Room Arranged	Zeiger, R
WMST 351 Feminist Education Analysis 3 credits; Grading Method: REG-P-F/AUD			
0101	Time Arranged	Room Arranged	Pratt, M
0201	Time Arranged	Room Arranged	Zeiger, R
WMST 400s Theories of Feminism 3 credits; Grading Method: REG-P-F/AUD			
Meets USP Advanced Studies Development of Knowledge requirement. Must have taken WMST 200 or 250 or have permission of instructor to take this course.			
0101	TuTh 10:00am-1:00pm	Bldg. HBK, Room 1120	Pratt, M
A study of feminist theories from an interdisciplinary perspective, including politics, sociology, psychology, anthropology, and philosophy. Prerequisite: a course on women (ideally WMST 200) or consent of the instructor.			
WMST 498A Special Topics in Women's Studies: Paths to Power, Women in Management			
3 credits; Grading Method: REG-P-F/AUD			
0101	MW 6:00pm-9:00pm	Bldg. LEF, Room 1222	Lippin, L
WMST 498B Special Topics in Women's Studies: Women and Public Policy			
3 credits; Grading Method: REG-P-F/AUD			
Prerequisite: WMST 200 or 250 or permission of instructor.			
0201	TuTh 10:00am-1:00pm	Bldg. HBK, Room 0117	Strasburg, G
WMST 499 Independent Study/Individual Study in Women's Studies			
1-3 credits; Grading Method: REG-P-F/AUD			
Permission of department required. Individual instruction course. Prerequisite: 3 hours of WMST, upper division standing.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

ZOOL

(LIFE SCIENCES)

ZOOLOGY

ZOOL 101 General Zoology 4 credits; Grading Method: REG-P-F/AUD			
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. Credit for ZOOL 101 is not counted in the 30 hours required for the major.			
0101	MTuWThF 8:00am-9:20am	Bldg. ZOP, Room 1236	Linder, H
	TuTh 9:30am-11:30am	Bldg. ZOP, Room 0245 (LAB)	
0102	MTuWThF 8:00am-9:20am	Bldg. ZOP, Room 1236	Linder, H
	TuWTh 9:30am-11:30am	Bldg. ZOP, Room 0213 (LAB)	
0201	MTuWThF 8:00am-9:20am	Bldg. ZOP, Room 1236	Kent, B
	TuTh 9:30am-11:30am	Bldg. ZOP, Room 0245 (LAB)	
An introduction to the modern concepts of biological principles and animal life. Emphasis on the functional aspects of living systems with a survey of the physical and chemical bases of all life processes. Intended for non-majors with no zoology background who need a life sciences course or for potential zoology majors with no high school biology training.			
ZOOL 201 Human Anatomy and Physiology I 4 credits; Grading Method: REG-P-F/AUD			
Not accepted for credit toward the zoology major.			
0101	MTuWThF 11:00am-11:50am	Bldg. ZOP, Room 1243	Digiovanna, A
	MTuWThF 8:00am-10:00am	Bldg. ZOP, Room 0207 (LAB)	
0102	MTuWThF 11:00am-11:50am	Bldg. ZOP, Room 1243	Digiovanna, A
	MTuWThF 8:00am-10:00am	Bldg. ZOP, Room 0205 (LAB)	
0103	MTuWThF 11:00am-11:50am	Bldg. ZOP, Room 1243	Digiovanna, A
	MTuWThF 1:00pm-3:00pm	Bldg. ZOP, Room 0205 (LAB)	
Prerequisite: ZOOL 101 or equivalent. A thorough introduction to the anatomy and physiology of the skeletal, muscular, nervous and sensory systems. Introduction to cellular physiology. Not accepted for credit toward the zoology major.			
ZOOL 202 Human Anatomy and Physiology II 4 credits; Grading Method: REG-P-F/AUD			
0201	MTuWThF 8:00am-9:50am	Bldg. ZOP, Room 1243	Ades, I
	MTuWThF 9:30am-11:30am	Bldg. ZOP, Room 0207 (LAB)	
0202	MTuWThF 8:00am-9:50am	Bldg. ZOP, Room 1243	Ades, I
	MTuWThF 9:30am-11:30am	Bldg. ZOP, Room 0205 (LAB)	
Prerequisites: ZOOL 101 or equivalent. Introduction to the anatomy and physiology of the cardiovascular, respiratory, digestive, excretory and reproductive systems. Intermediary metabolism and endocrine relationships. Not accepted for credit toward the zoology major.			
ZOOL 210 Animal Diversity 4 credits; Grading Method: REG-P-F/AUD			
Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement			
0201	MTuWThF 8:00am-9:50am	Bldg. ZOP, Room 1238	Staff
	MTuWThF 9:30am-11:30am	Bldg. ZOP, Room 0257 (LAB)	
A comparative study of the diversity of animal form and function, including analysis of structures and mechanisms which different organisms utilize to cope with similar requirements of life. Not open for credit to students who have credit in ZOOL 293.			
ZOOL 213 Genetics 4 credits; Grading Method: REG-P-F/AUD			
0101	MTuWThF 11:00am-12:20pm	Bldg. ZOP, Room 1228	Imberski, R
	TuWTh 8:00am-11:00am	Bldg. ZOP, Room 0245 (LAB)	
0102	MTuWThF 11:00am-12:20pm	Bldg. ZOP, Room 1228	Imberski, R
	TuWTh 1:00pm-4:00pm	Bldg. ZOP, Room 0245 (LAB)	
Prerequisites: one semester of organic chemistry. An integration of the basic principles of two related subjects, genetics and development. Composition, transmission, and function of genetic material, basic processes of animal development, and the role of differential gene expression in control and regulation of development. Not open for credit to students who have credit in ZOOL 230 or 246.			
ZOOL 301 Biological Issues and Scientific Evidence 3 credits; Grading Method: REG-P-F/AUD			
Meets USP Advanced Studies Development of Knowledge requirement			
0201	MTuWThF 9:30am-10:50am	Bldg. ZOP, Room 1228	Allan, J
Prerequisite: an introductory college level biology course. The process of scientific inquiry by using analogs models two areas in which scientific data of social importance is subject to widely differing interpretations. (1) evolution vs. creationism; (2) measurement of human intelligence. The provisional nature of scientific truth. Evolution and creation-science viewpoints. Intelligence testing is viewed from a historical perspective of its origins in 19th century craniometry and the subsequent development of intelligence tests.			
ZOOL 309H Honors Independent Study 1-4 credits; Grading Method: REG-P-F/AUD			
Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
ZOOL 318H Honors Research 1-2 credits; Grading Method: REG-P-F/AUD			
Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff

ZOOL cont.

ZOOL 319 Special Problems In Zoology 1-2 credits; Grading Method: REG-P-F/AUD			
Permission of department required. Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
ZOOL 328D Selected Topics in Zoology: Developmental Biology			
3 credits; Grading Method: REG-P-F/AUD			
Prerequisite: 1 year of college biology and one semester of organic chemistry.			
0101	MTuWThF 11:00am-12:20pm	Bldg. ZOP, Room 1124	Goode, M
ZOOL 328Z Selected Topics in Zoology: Field Research 1-3 credits; Grading Method: REG-P-F/AUD			
Permission of department required.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
ZOOL 609 Special Problems In Zoology 1-6 credits; Grading Method: REG/AUD			
Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
ZOOL 799 Master's Thesis Research 1-6 credits; Grading Method: REG			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
ZOOL 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG			
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff



STRING FEVER to present a jazz concert at Tawes Theatre on June 11. "This is a large string ensemble that really swings." New York Times

ALPHABETICAL DIRECTORY OF BUILDINGS

024	Allegany Hall (Dorm)	C-4	252	Denton Hall (Dorm)	I-3	022	Kent Hall (Dorm)	D-4	324-341	Resectable Buildings	I-6
108-110	Animal Barns	I-5	037	Dining Hall (Cambridge)	I-4	027	Knox Rd. Office Bldg.	E-3	004	Ritchie Coliseum	D-5
104	Animal Sciences Annex	I-5	251	Dining Hall (Denton)	K-3	038	Le Frak Hall (Social Sciences)	E-3	080	Rosborough Inn (Faculty-Altum Club)	D-5
102	Animal Sciences Bldg	H-5	257	Dining Hall (Ellicott)	J-4	259	LePiola Hall (Dorm)	J-B	159	Sheep Barn	I-5
008	Annapolis Hall (Dorm)	C-4	084	Dorchester Hall (Dorm)	G-3	201	Leopardtown Community Bldg.	B-6	159	Shipley Field	E-3
025	Annas Arunde Hall (Dorm)	G-3	253	Easton Hall (Dorm)	E-3	288-249	Leopardtown Modular Residences	B-6	075	Shoemaker Bldg	E-3
145	Architecture Bldg.	F-2	250	Education Annex, West	E-3	077	Lord Chertoff Apts.	B-4	013	Shriver Lab	F-4
145	Architecture Bldg.	F-2	032	Ellicott Hall (Dorm)	H-6	077	Maize Mount Hall	E-4	013	Shute Bldg Faculty	F-4
146	Art-Sociology Bldg.	H-6	033	Ellicott Hall (Dorm)	H-6	046	Maize Mount Hall	E-4	063	Somerset Hall (Dorm)	E-4
042	Art/Science Institute	F-3	226	Energy Research Facility	G-5	084	Mathematics Bldg.	G-5	071	South Administration Bldg	E-4
019	Baltimore Hall (Dorm)	G-3	088	Engineering Classroom Bldg	G-3	035	McKeldin Library	F-3	071	South Administration Bldg	E-4
086	Bel Air Hall (Dorm)	J-5	089	Engineering Laboratory Bldg	H-8	009	Memorial Chapel	D-4	026	South Campus Dining Hall	E-3
183	Benjamin Bldg (Education)	G-3	085	Engineering Research Bldg	H-8	231	Microbiology Bldg.	D-4	026	St. Mary's Hall (Dorm)	E-3
091	Byrd Stadium	H-3	092	Engineering Research Institute (MD)	C-5	032	Mill Bldg.	G-4	076	St. Mary's Hall (Dorm)	E-3
092	Byrd Stadium	H-3	029	Frederick Hall (Dorm)	C-3	032	Mill Bldg.	G-4	076	St. Mary's Hall (Dorm)	E-3
015	Calvert Hall (Dorm)	D-3	040	Francis Scott Key Hall	C-6	040	Morrill Hall (Dorm)	D-6	030	Talbot Hall (Dorm)	E-3
096	Cambridge Hall (Dorm)	F-6	014	126-136 Fraternity Houses	C-6	011	Motor Transportation Facility	D-3	030	Talbot Hall (Dorm)	E-3
343	Campos Mall Facility	F-3	029	Frederick Hall (Dorm)	C-3	052	North Administration Bldg.	F-3	141	Taxes Fine Arts Bldg.	D-3
072	Carroll Hall (Dorm)	E-3	031	Garrett Hall (Dorm)	D-3	049	Paint Branch #1	H-6	053	Temporary Classroom Bldg. AA	D-3
085	Carroll Hall (Dorm)	E-3	239	Gatehouse	F-6	179	Parking Garage #1	H-4	058	Temporary Classroom Bldg. EE	D-3
047	Cecil Hall (Dorm)	D-2	012	Chapel Range	E-2	073	H. J. Patterson Hall	G-4	078	Temporary Computer Science	E-5
001	Central Instruction	D-2	028	College Bldg.	E-2	009	Photographic Sciences (Annapolis Hall)	C-3	078	Temporary Computer Science	E-5
001	Central Heating Plant	D-2	028	College Bldg.	E-2	009	Photographic Sciences (Annapolis Hall)	C-3	078	Temporary Computer Science	E-5
206	Central Receiving Warehouse	B-7	258	Hagerstown Hall (Dorm)	D-4	255	Physical Education, Recreation and Health Bldg.	J-5	042	Trydngs Hall, Millard E.	E-3
098	Centreville Hall (Dorm)	J-5	014	Harford Hall (Dorm)	E-6	082	Physics Bldg.	G-5	345	University College (Center of Adult Ed.)	G-2
025	Charles Hall (Dorm)	C-4	002	Health Center	E-6	006	Plant Operations and Maintenance Shops	E-6	286-292	University Hills Apts	G-1
090	Chemical and Nuclear Engineering Bldg	H-5	140	Health Center	E-6	003	Police and Service Bldg	E-6	005	University Press	E-6
091	Chemistry Bldg.	H-5	074	Holzappel Hall	F-4	113	Police Substation	C-3	023	Washington Hall (Dorm)	C-4
106	Chemistry Hall (Dorm)	H-5	074	Holzappel Hall	F-4	113	Police Substation	C-3	023	Washington Hall (Dorm)	C-4
106	Classroom Bldg (Dorm)	H-4	074	Holzappel Hall	F-4	113	Police Substation	C-3	023	Washington Hall (Dorm)	C-4
182	Cole Student Activities Bldg	G-3	085	Institute for Physical Sciences and Technology	G-5	054	Pantry Bldg.	F-2	027	Woods Hall	E-4
224	Computer and Space Sciences Bldg	G-3	045	Institutional, Television Faculty	G-3	021	Prince George's Hall (Dorm)	D-3	051	Worcester Hall (Dorm)	F-3
122	Cumberland Hall (Dorm)	I-4	034	Jimenez Bldg. (Foreign Languages)	G-3	021	Prince George's Hall (Dorm)	D-3	051	Worcester Hall (Dorm)	F-3
107	Dairy Science Annex	I-5	059	Journalism Bldg.	F-3	061	Queen Anne's Hall (Dorm)	F-3	144	Zoology-Psychology Bldg.	G-4
105	Dairy Science Office	I-6	257	Journal Hall	I-4	078	Reckord Army	E-5			

SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
ASA	Animal Sciences Annex	I-6	104
ASB	Animal Sciences Bldg	H-5	42
ALB	Altum Laboratory Bldg	M-2	219
APB	Aptary	F-2	156
ARC	Architecture Bldg	F-2	145
ARM	Army (Reckord)	E-5	078
ASV	Art-Sociology Bldg	F-3	146
BEB	Beef Barn	I-3	110
BED	Byrd Stadium	I-3	160
CHD	Chemistry Bldg.	H-3	092
CHM	Chemistry Bldg.	G-5	091
CLB	Classroom Bldg.	H-6	106
COL	Cole Student Activities Bldg	G-3	182
CSS	Cole Student and Space Sciences Bldg	I-5	107
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
EDA	Education Annex	G-3	066
EUA	Engineering Laboratory Bldg.	G-3	43
EGU	Engineering Laboratory Bldg. (Martin)	G-3	096
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
GEO	Zoology-Psychology Bldg	G-4	237
GLF	Golf Range	J-2	186
HAR	Harrison Lab	E-6	002
HOB	Horse Barn	I-5	108
HBK	Horvack Undergraduate Library	G-4	147
HZN	Holzappel Hall	G-4	073
HZF	Holzappel Hall	G-4	074
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Institutional Television Facility	G-5	045
JMP	J.M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
KEY	Key Hall	F-4	227
KEY	Key Hall	F-4	227
LAM	Lab Animal Mgt. Classroom	G-3	089
LEF	LeFrak, Social Sciences	E-3	038
MCK	McKeldin Library	F-3	035
MIL	Mill Bldg	G-4	232
MOR	Maize Mount Hall	E-4	046
MTH	Mathematics Bldg.	G-5	040
PHY	Physics Bldg.	G-5	082
PKT	Preintkern Field House	F-3	054
PHI	Physical Education, Recreation and Health Bldg.	J-5	255
RIT	Ritchie Coliseum	D-5	004
SDH	South Campus Dining Hall	E-3	026
SBB	Sheep Barn	I-5	109
SBR	Shoemaker Building	E-3	075
SKN	Skinner Bldg.	E-4	044
SSU	Stamps Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	To Be Arranged Classroom AA	D-3	053
TBA	Temporary Classroom EE	D-3	086
TEL	Turner Lab	E-5	078
TEL	Turner Lab	E-5	079
TUR	Turner Lab	E-5	079
TYD	Trydngs Hall	G-3	042
TYS	Taxes Fine Arts Bldg	E-3	141
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
ZOP	Zoology-Psychology Bldg	G-4	144

Location "CHF" denotes Calvert Road Facilities.
Location "MET" denotes Metzger Road Facilities.

THE UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS



APPROXIMATE WALKING TIME IN MINUTES



Building Numbers
 1 - Administration
 2 - Business Administration
 3 - Education
 4 - Engineering
 5 - Health, Physical Education & Recreation
 6 - Humanities
 7 - Law
 8 - Life Sciences
 9 - Mathematics & Natural Sciences
 10 - Physical Sciences
 11 - Social Sciences

NOTES:

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A Constitutional Bicentennial Summer

JULY, 1987

TAWES THEATER

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See
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