



Summer Programs

UNIVERSITY OF MARYLAND — COLLEGE PARK

1 - 9 - 9 - 2

COLLEGE PARK CAMPUS ADMINISTRATION

President

William E. Kirwan

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

Vice President for Academic Affairs and Provost

J. Robert Dorfman

B.A., Johns Hopkins University, 1957;
Ph.D., Johns Hopkins University, 1961.

Vice President for Administrative Affairs

Charles F. Stutz

B.A., Wittenberg University, 1958;
M.P.A., Wayne State University, 1961.
Ph.D., University of Maryland, 1990.

Vice President 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 President for Institutional Advancement

Kathryn R. Costello

B.A., University of Kentucky, 1963;
M.A., University of Kentucky, 1973.

SUMMER PROGRAMS ADMINISTRATION

Administrative Dean for Summer and Special Programs

Melvin Bernstein

B.A., Rhodes College, 1947
B.Mus., Rhodes College, 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.

Assistant Director of Cultural Programs

Donald Reinhold

B.M., Bucknell University, 1974
M.A., University of North Carolina at Chapel Hill, 1980

Director of Public Relations for Cultural Programs

Janet Dowling-Hill

B.A., Thames Polytechnic, UK, 1972

Director of Finance

David N. Catania

B.S., University of Maryland, 1978.

Acting Director, Campus Recreation Services

Jay Gilchrist

B.S., Oregon State University 1977;
M.Ed., Oregon State University, 1981;

SYSTEM ADMINISTRATION OF THE UNIVERSITY

Chancellor

Donald N. Langenberg

B.S., Iowa State University, 1953;
M.S., University of California, Los Angeles, 1955;
Ph.D., University of California Berkeley, 1959.

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 interests 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.

Acting Vice Chancellor for Academic Affairs

George Marx

B.A., Yankton College, 1953;
M.A., University of Iowa, 1957;
Ph.D., University of Iowa, 1959.

Vice Chancellor 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.

Acting Vice Chancellor for External Relations

John K. Martin

B.S., University of Bridgeport, 1966;
M.B.A., University of Bridgeport, 1972.

BOARD OF REGENTS

Chairperson

George V. McGowan

Chairman, Emeritus

Louis L. Kaplan

Chairman, Emeritus

B. Herbert Brown

Secretary

Albert N. Whiting

Treasurer

Hona M. Hogan

Assistant Secretary

Constance M. Unsel

Assistant Treasurer

Roger Blunt

Margaret Alton

Mary Arabian

Richard O. Berndt

Benjamin L. Brown

Earle Palmer Brown

Charles W. Cole, Jr.

Chad M. Gohet

Frank A. Gunther, Jr.

Ann Hull

Henry R. Lord

Franklin P. Perdue

Robert L. Walker

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 Section 5504 of the
Rehabilitation Act of 1973
Room 2101, Main Administration Building

Cover

Concept and Design by
Jay Williams Design Company,
Beltsville, Maryland

Illustrated by: Ruth Kettler,
Silver Spring, Maryland

TABLE OF CONTENTS

CORE and USP Courses for Summer 1991 on pages 10 & 11

1. THE UNIVERSITY	31. SPECIAL PROGRAMS	Measurement, Statistics, and Evaluation	40
College Park Campus Administration	Workshops, Institutes and Other Special Offerings	Education Policy, Planning and Administration	41
Summer Programs Administration	12. TAWES THEATRE EVENTS	Education Special	41
Central Administration	Marian Anderson International Vocal Arts Congress and Competition	Engineering Aerospace	42
Board of Regents	National Orchestral Institute	Engineering Agricultural	42
2. ON-CAMPUS HOUSING SCHEDULE	13. MAPS	Engineering, Civil	42
1	Area Resource Map	Engineering, Chemical	42
3. TUITION AND FEES	College Park Campus Map	Engineering, Cooperative Education	42
Payment of Fees	14. FORM BOOKLET	Engineering Science	43
3	The following forms are contained in the booklet in the center of this catalog along with a return envelope for mail-in registration purposes.	Engineering, Fire Protection	43
4. DETERMINATION OF IN-STATE STATUS	3	English	43
3	VISITING GRADUATE & ADVANCED SPECIAL STUDENT APPLICATION	Engineering, Materials	44
5. DIRECTORY OF INFORMATION SERVICES	3	Engineering, Mechanicals	44
3	UNDERGRADUATE APPLICATION - SUMMER ONLY - READMIT	Engineering, Nuclear	45
6. SUMMER REGISTRATION	SCHEDULE REQUEST FORM - SESSION I	Reliability Engineering	45
Important Dates	ESTIMATED BILL FORM - SESSION I	Systems Engineering	45
Procedure Summary for Registration	SESSION I	Entomology	45
Mail-In Registration Procedures	SCHEDULE REQUEST FORM - SESSION II	Food Science	45
Walk-In Registration Procedures	SESSION II	Family and Community Development	45
5	ESTIMATED BILL FORM - SESSION II	Food	46
5	13	French	46
Late Registration	HOUSING INFORMATION	Foodservice Administration	46
6	SUMMER RESIDENCE HALLS AGREEMENT	Geography	46
Non-Standard Date Course Registration	16	Geology	47
6	15. SCHEDULE OF CLASSES	German	47
Cancellation of Registration	Afro-American Studies	Government and Politics	48
6	Agricultural and Extension Education	Hebrew	48
Withdrawal from Summer School	Agronomy	Hearing and Speech Sciences	48
6	American Studies	Historic Preservation	50
Requesting Refund of Tuition	Animal Sciences	History	50
6	Anthropology	Health	50
Change of Address Procedure	Applied Design	Horticulture	51
6	Architecture	Italian	51
7. ADMISSIONS	Agriculture and Resource Economics	Individual Studies Program	51
Undergraduates	Art History and Archaeology	Japanese	51
UMCP Students	Art, Studio	Journalism	51
7	Astronomy	Kinesiology	52
Visiting Students	Biochemistry	Latin	52
7	Biology	Library Science	53
High School Juniors/Seniors	Business and Management	Linguistics	53
7	Botany	Applied Mathematics	54
Fall Admitted Students	Behavioral and Social Sciences	Mathematics	54
7	Chemistry	Marine-Estuarine-Environmental Sciences	55
University College Students	Chinese	Meteorology	55
7	Chemical Physics	Microbiology	55
Graduates	Institute of Criminal Justice and Criminology	Music Education	55
UM Students	Classics	Music	55
8	Comparative Literature	Natural Resources Management	55
New Degree and AGS Cert.	Computer Science	Nutritional Science	56
8	Consumer Economics	Nutritional	56
Advanced Special Students	Cooperative Education Program	Philosophy	56
8	Criminology	Physics	56
Visiting Graduate Students	Design	Portuguese	57
8	Economics	Psychology	57
Special Summer Institute Participants	Curriculum and Instruction	Public Affairs	58
8	Education Counseling and Personnel Services	Recreation	58
Foreign Students	Education, Human Development	Radio Television and Film	58
8	Industrial Technological and Occupational Education	Russian	58
8. CHANGE OF COLLEGE/MAJOR	40	Slavic	59
Graduate Programs	40	Sociology	59
9	40	Spanish	59
Undergraduate College/Major	40	Speech	60
9	40	Statistics and Probability	60
9. ACADEMIC INFORMATION	40	Textiles	60
University Studies Program	40	Theatre	60
10	40	Textiles and Consumer Economics	61
General University Requirements	40	Maryland English Institute	61
11	40	DEPARTMENT OF URBAN STUDIES AND PLANNING	61
Academic Credit	40	Women's Studies	61
12	40	Zoology	61
Marking System	40		
Advanced Placement	40		
12	40		
Code of Academic Integrity	40		
13	40		
Protection of Privacy	40		
13	40		
Candidates for Degrees	40		
13	40		
Definition of Full-Time Status	40		
13	40		
Golden Identification Program	40		
13	40		
USP Advanced Studies	40		
11	40		
USP Distributive Studies	40		
11	40		
10. GENERAL INFORMATION			
Veterans Benefits			
15			
Computer Science Center			
15			
Summer Recreation Program			
15			
Student Parking Registration			
16			
Health Center			
16			
On-Campus Housing			
16			
Guest Services			
16			
Research Facilities			
16			
Cooperative Education			
18			
Counselling Center			
18			
Dining Services			
17			
Disabled Student Services			
17			
Experiential Learning Programs			
18			
Libraries			
17			
University Book Center			
19			
Retired Volunteer Corps			
19			

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 1992

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.

Friday, July 3, Independence Day

ON-CAMPUS HOUSING SCHEDULE

April 24	Friday	Submission of Summer 1992 Resident Halls Agreement for higher priority for your assignment preferences.
May 11	Monday	Deadline for release from <i>Summer 1992 Residence Halls Agreement</i> for Session I without financial obligation; written cancellation must be received by Resident Life, 2100 Annapolis Hall.
May 31	Sunday	Residence halls open for Session I 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 (\$253.59) is assessed.
June 22	Monday	Deadline for release from <i>Summer 1992 Residence Hall Agreement</i> for Session II without financial obligation; written cancellation must be received by Resident Life, 2100 Annapolis Hall.
July 10	Friday	Residents not remaining in residence halls for Summer Session II must vacate before 7pm.
July 12	Sunday	Residence halls open for Summer Session II 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 (\$253.59) is assessed.
August 21	Friday	Residence halls close. All residents must vacate their summer assignments before 7 p.m.



TUITION AND FEES

ALL STUDENTS

Academic Services Fee per Session	17.50
Recreation Fee per Session	10.00
Student Health Fee per Session	10.00
Auxiliary Facilities Fee per Session	10.00
Building Recreation Fee	5.00
Summer Parking Registration Fee (not charged if registered for Fall or Spring Semester) Resident Student	19.00
Commuter Student	10.00

UNDERGRADUATE STUDENTS

Tuition per Credit Hour	122.00
Non-resident Fee per Session (must be paid by all students who are not residents of Maryland)	25.00
Application Fee (New Students)	30.00

GRADUATE STUDENTS

Application Fee (Every student must be admitted)	40.00
Tuition per Credit Hour: Resident Student	152.00
Non-resident Student	271.00
Continuous Registration Fee (Doctoral Candidate)	10.00

ON-CAMPUS HOUSING

Per Six-Week Session	533.46
----------------------------	--------

OTHER FEES

Late Registration Fee	20.00
Service Charge for Dishonored Check (depending on amount of check) up to	50.00

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, 1992	June 5, 1992
Summer Session II, 1992	July 17, 1992

For further information:

Residency Classification Office
0405 B Marie Mount Hall
University of Maryland
College Park, Maryland 20742
(301) 405-2030

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 1135, Lee Building, Monday through Friday, from 8:30 a.m. to 4:30 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.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or \$10.00, whichever is greater.

In accordance with State law, the accounts of delinquent 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	405-1000
Summer Programs Office	405-6551
Admissions Office of Undergraduate Admissions Mitchell Building	314-8385
Graduate Admissions Lee Building	405-4198
Graduate Records	405-4204
Housing Off-Campus	314-3645
On-Campus	314-2100
Registration Mitchell Bldg	314-8240
Undergraduate Studies	405-9354
College of Agriculture	405-2071
College of Arts and Humanities	314-7772
College of Behavioral and Social Sciences	405-1697
College of Business and Management	405-2286
College of Computer, Mathematical and Physical Sciences	405-4906
College of Education	405-2334
College of Engineering	405-3855
College of Human Ecology	405-2357
College of Journalism	405-2379
College of Library and Information Services	405-2033
College of Life Sciences	405-2071
College of Physical Education, Recreation and Health	405-2438
Computer Science Center	405-7700
Institute of Criminal Justice and Criminology	405-4699
Institute of Urban Studies	405-6790
School of Architecture	405-6284
University College	982-7157

SUMMER SESSIONS IMPORTANT DATES

SUMMER SESSION I

March 19 - May 22	Mail-in Registration; Requests processed daily
March 19 - May 29	Walk-in Registration — 9-11:45 am; 1-3 pm. Room 1130 Mitchell Building
June 1	Classes begin.
June 1 - June 5	Late Registration (with a \$20.00 Late Fee). Room 1130 Mitchell Building

SUMMER SESSION II

March 19 - July 2	Mail-in Registration; Requests processed daily
March 19 - July 10	Walk-in Registration—9-11:45 am; 1-3pm. Room 1130 Mitchell Building
July 13	Classes begin.
July 13 - July 17	Late Registration (with a \$20.00 Late Fee). Room 1130 Mitchell Building

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

SUMMARY OF DEADLINES FOR SUMMER 1992

Type of Change	Last Day to Process Change	
	SS I	SS II
Add a course	June 5	July 17
Apply for August 1992 Graduation	July 17	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 (100%) refund	May 29	July 10
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 (Department Approval Required)	July 10	August 21
REFUNDS FOR WITHDRAWAL FROM ALL COURSES		
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

NOTES:

1. Courses that do not conform to the regular Summer I and II beginning and ending dates are considered "non-standard" courses. Deadlines for non-standard courses vary, depending on the course. Contact the Office of Registrations for specific deadline dates. See Page 6 for more information.
2. Registration and Schedule Adjustment transactions are complete when payment has been made and the Registration Forms have been validated by the Registrations Office.

SUMMER 1992 REGISTRATION PROCEDURES

Note: LOCATION FOR REGISTRATION

All registration, drop, add, and section change activity will occur in the Registrations Office, Room 1130, Mitchell Building. Payment must be made in the Bursar's Office, Lee 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 1992 or have processed admission or readmission forms:

Students registered at the College Park Campus for the Spring 1992 Semester should follow the registration procedures outlined below.

Former students who were **not registered for the Spring 1992 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.*

WHERE?

Registrations Office
Room 1130
Mitchell Building

WHEN?

Summer Session I

March 19 - May 29; 9:00 - 11:45 a.m.
1:00-3:00 p.m.

Summer Session II

March 19 - July 10; 9:00-11:45 a.m.
1:00-3:00 p.m.

HOW?

1. Go to Room 1130, Mitchell Building, where you will 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, Lee 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, Lee Building, ground floor, 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 19 - May 20 for Summer Session I.
March 19 - July 2 for Summer Session II.

WHERE?

All materials should be returned to:
Office of the Bursar, Lee Building
University of Maryland
College Park, Maryland 20742-5151

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, 314-8218, 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, Mitchell 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, Lee 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, Mitchell 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. Contact the Office of Registrations for specific dates. 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 1992 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 prior to the first day of classes. All requests should be sent by **Registered Mail** to:

OFFICE OF REGISTRATIONS
Rm 1130, MITCHELL 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 Mitchell 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-June 5	70%
June 8-12	50%
June 15-19	20%
June 22-July 10	00%
SUMMER SESSION II	
July 13-17	70%
July 20-24	50%
July 27-July 31	20%
Aug. 3-Aug. 21	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 1992 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, 1135 Lee Building or the Records or Current Registrations Office, first floor, Mitchell 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, Lee Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
- Registrations Counter, Mitchell 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.

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:

1. VISITOR from another college or university

ADMISSION REQUIREMENTS AND PROCEDURES

- 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 \$26 application fee is required
- No transcripts required
- It is your responsibility to verify acceptability by parent institution of credits earned at UMCP

2. UNIVERSITY COLLEGE student:

- Must present letter of permission from UMUC to register
- No application required
- No transcripts required

3. GRADUATE FROM ANOTHER COLLEGE OR UNIVERSITY:

- Complete enclosed undergraduate application
- A non-refundable \$26 application fee is required
- No transcripts are required
- * See Graduate Study if wishing to attempt graduate level (500-above) courses

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:

- Same as in number 3 above.

5. HIGH SCHOOL GRADUATE:

- Must have a minimum of a "C" average in academic subjects
- Complete enclosed undergraduate application
- A non-refundable \$26 application fee is required
- No transcripts required
- * Full admission is prerequisite for Fall 1992 enrollment. Please visit the Office of Undergraduate Admission, Ground Floor, Mitchell Building.

6. HIGH SCHOOL STUDENT ENTERING YOUR JUNIOR OR SENIOR YEAR:

- Must have a minimum of a "B" average in academic subjects
- Complete regular admission application available from Office of Undergraduate Admissions, Ground Floor, Mitchell Building.
- Official high school transcripts required
- A non-refundable \$26 application fee is required
- Students who wish to continue in the fall semester should visit the Office of Undergraduate Admissions, Ground Floor, Mitchell Building.

7. NEWLY ADMITTED FALL 1992 STUDENT:

- no application required
- must present letter of admission for Fall, 1992

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

AND:

1. Attended UMCP and completed the Spring 1992 semester in good standing, or you are a Spring 1992 UMCP graduate...
Must present a current ID card to register.
2. Attended UMCP Spring 1992 and either withdrew or were academically dismissed at the conclusion of the Spring 1992 semester...
Must present a current ID card to register.
3. Were dismissed or withdrew from UMCP prior to the Spring 1992 semester, and did not attend UMCP in Spring 1992...
Must present ID card to register
4. You were not enrolled for the Spring 1992 semester and were in good academic standing, on academic warning, or unsatisfactory progress, and did not withdraw your last semester...
You must apply for and be granted readmission through the Reenrollment Office.
5. Attended UMCP previously as a "Term Only" registrant...
Must present a letter of admission to register.

ADMISSION REQUIREMENTS AND PROCEDURES

- No application required for Summer Session registration
- No application required for Summer Session registration.
- * Reinstatement is a prerequisite for Fall 1992 enrollment.
- Must be reinstated. Applications available in Room 0117 Mitchell Building. Application Deadlines: April 15, 1992 for Summer Session I; May 15, 1992 for Summer Session II.
- Complete enclosed undergraduate application
- Complete the enclosed undergraduate application

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 \$26 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 \$26 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 \$26 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
Lee Building
University of Maryland
College Park, Maryland 20742
(301) 405-4198 (Admissions)

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) visas 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 Session. Graduate foreign students should contact the Graduate School in the Lee Building prior to registration.

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, Mitchell 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	1224 Symons
Allied Health	3103 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
Letters and Sciences (if exploring major)	1117 Hornbake Library
Library & Information Services	4105 Hornbake Library
Life Sciences	1224 Symons
Mathematical & Physical Sciences	2300 Math
Physical Education, Recreation & Health	2351 Physical Education, Recreation & Health Building
Undergraduate Studies- Individual Study Majors	Mitchell Building, 2nd Floor

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.

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.

<p>Agricultural & Extension Education Agricultural & Resource Economics Agronomy American Studies Animal Sciences Anthropology Architecture Art: Art History Studio Art Astronomy Biochemistry Botany Business & Management Business & Management/Law Business & Management/Public Management Chemical Physics Chemistry Classics Comparative Literature Community Planning Computer Science Creative Writing Criminal Justice and Criminology Dance Economics Education: Curriculum & Instruction Counseling & Personnel Services Human Development Education</p>	<p>Industrial, Technological & Occupational Education Measurement & Statistics Education Policy, Planning & Administration Special Education Engineering: Aerospace Engineering Agricultural Engineering Chemical Engineering Civil Engineering Electrical Engineering Engineering Materials Fire Protection Engineering Nuclear Engineering Reliability Engineering Systems Engineering English Language & Literature Entomology Family & Community Development Food Science French Language and Literature Geography Geography/Library & Information Services Geology German Language & Literature Government & Politics Health Education Hearing and Speech Science History History/Library & Information Services Horticulture</p>	<p>Human Nutrition & Food Systems Journalism Kinesiology Library & Information Services Linguistics Marine, Estuarine & Environmental Science Mathematics Applied Mathematics Mathematical Statistics Meteorology Microbiology Molecular & Cellular Biology Music Nutritional Sciences Philosophy Physics Policy Studies Poultry Science Psychology Public Management Public Management/Law Public Policy Radio, Television & Film Recreation Russian Language & Linguistics Spanish Language & Literature Speech Communication Textiles & Consumer Economics Theatre Toxicology Urban Studies Zoology</p>
--	--	--

ACADEMIC INFORMATION

CORE AND USP REQUIREMENTS

CORE and USP courses offered during Summer Sessions I and II, 1992. CORE students MUST use only the CORE lists. USP students MUST use only the USP lists. Consult the most recent editions of the **Undergraduate Catalog** and the **Schedule of Classes** for program requirements and a more complete list of approved courses. Refer to the Class Schedule in this catalog for session and class time information.

CORE and USP Introduction to Writing Courses:

ENGL 101 Intro. to Writing

CORE and USP Professional Writing Courses:

ENGL 391 Advanced Composition
ENGL 393 Technical Writing
ENGL 393x Technical Writing
ENGL 394 Business Writing

CORE and USP Mathematics Courses:

MATH 110 Elementary Mathematical Models
MATH 111 Intro. to Probability
MATH 115 Precalculus
MATH 140 Calculus I
MATH 220 Elementary Calculus I

CORE DISTRIBUTIVE STUDIES

NOTE: (D) following title indicates that course also meets CORE Diversity requirement.

CORE HUMANITIES AND THE ARTS

CORE Literature Courses:

CLAS 170 Greek and Roman Mythology
CMLT 270 Global Literature & Social Change (D)
ENGL 201 Western World Literature, Homer to the Renaissance
ENGL 205 Intro. to Shakespeare
ENGL 222 American Lit.: 1865 to the Present
ENGL 234 Intro. to African-American Literature (D)
ENGL 241 Intro. to the Novel
ENGL 243 Intro. to Poetry
ENGL 250 Intro. to Literature by Women (D)
RUSS 328 19th Century Russian Lit. in Translation
SPAN 221 Readings in Spanish
SPAN 321 Survey of Spanish Lit.: 12th to 17th Century
SPAN 323 Survey of Spanish-American Lit. I
SPAN 324 Survey of Spanish-American Lit. II

CORE History/Theory of the Arts Courses:

ARCH 170 Intro. to the Built Environment
ARTH 100 Intro. to Art
ARTH 200 Art of the Western World I
ARTH 201 Art of the Western World II
ARTH 290 Art of Asia
ARTT 150 Introduction to Art Theory
MUSC 140 Music Fundamentals I
THET 110 Introduction to Theater
WMST 250 Intro. to Women's Studies: Women, Art and Culture (D)

CORE Humanities Courses:

EDPA 210 Historical & Philosophical Perspectives on Education
HIST 110 The Ancient World
PHIL 100 Intro. to Philosophy
PHIL 105 God and Cosmos
PHIL 140 Contemporary Moral Issues
PHIL 250 Philosophy of Science I
RUSS 281 19th Century Russian Culture

CORE MATHEMATICS AND THE SCIENCES

CORE Physical Sciences Non-Lab Courses:

PHYS 161 General Physics: Mechanics and Particle Dynamics

CORE Life Sciences Non-Lab Courses:

BOTN 211 Ecology and Mankind
ENTM 100 Insects

CORE Math or Formal Reasoning Non-Lab Courses:

CMSC 150 Intro. to Discrete Structures
MATH 111 Intro. to Probability
MATH 140 Calculus I
MATH 141 Calculus II
MATH 220 Elementary Calculus I
MATH 221 Elementary Calculus II
MATH 240 Intro. to Linear Algebra

CORE Physical Sciences Lab Courses:

ASTR 100/110 Intro. to Astronomy & Lab (must be taken together)
CHEM 103 General Chemistry I
CHEM 113 General Chemistry II
GEOG 201/211 Geography of Environmental Systems & Lab (must be taken together)
GEO 100/110 Physical Geology & Lab (must be taken together)
PHYS 121 Fundamentals of Physics I
PHYS 122 Fundamentals of Physics II
PHYS 262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism

CORE Life Sciences Lab Courses:

BIOL 101/102 Concepts of Biology & Lab (must be taken together)
BIOL 105 Principles of Biology I
BIOL 106 Principles of Biology II
BOTN 104/105 Plant Biology for Non-Science Students & Lab (must be taken together)
CHEM 104 Fundamentals of Organic and Biochem.
MICB 200 General Microbiology
ZOOL 201 Human Anatomy and Physiology I
ZOOL 202 Human Anatomy and Physiology II
ZOOL 210 Animal Diversity

CORE SOCIAL SCIENCE

CORE Social or Political History Courses:

AASP 202 Black Culture in the United States
HIST 111 The Medieval World
HIST 113 Modern Europe: 1789 - Present
HIST 156 History of the U.S. to 1865
HIST 157 History of the U.S. since 1865
HIST 234 History of Britain to 1485
HIST 236 History of Britain 1688 to Present
HIST 237 Russian Civilization (D)
KNES 293 History of Sport in America

CORE Behavioral and Social Science Courses:

ANTH 102 Intro. to Anthropology: Cultural Anthropology and Linguistics
CNEC 100 Intro. to Consumer Economics
CRIM 220 Criminology
ECON 201 Principles of Economics I
ECON 203 Principles of Economics II
ECON 205 Fundamentals of Economics
EDHD 230 Human Development and Societal Inst. (D)
GEOG 100 Intro. to Geography
GEOG 150 World Cities
GEOG 202 The World in Cultural Perspective
GVPT 100 Principles of Government and Politics
GVPT 170 American Government
GVPT 200 International Political Relations
LING 200 Introductory Linguistics
PSYC 100 Intro. to Psychology
SOCY 100 Intro. to Sociology
SOCY 105 Intro. to Contemporary Social Problems
WMST 200 Intro. to Women's Studies: Women and Society (D)

CORE ADVANCED STUDIES COURSES

NOTE: (D) following title indicates that course also meets CORE Diversity Requirement.

CORE ANALYSIS OF SOCIAL & ETHICAL PROBLEMS: (56 credits or higher; outside major)

AMST 330 Critics of American Culture
AMST 418B Cultural Themes in America: Culture & Mental Disorders
CNEC 310 Consumer Economics & Public Policy
CNEC 437 Consumer Behavior
EDCP 462 The Disabled Person in American Society
EDIT 476 Application of Technology to Societal Problems
ENGL 432 American Lit. 1865-1914: Realism & Naturalism
FMCDD 487 Legal Aspects of Family Problems
GVPT 442 History of Political Theory: Medieval to Recent
PHIL 447 Philosophy of Law
ZOOL 381 Natural History of the Chesapeake Bay

CORE DEVELOPMENT OF KNOWLEDGE

(56 credits or higher; outside major)

AMST 418K Cultural Themes in America: Race in America: Theory & Policy (D)
AMST 432 Literature & American Society
CLAS 470 Adv. Greek & Roman Mythology
ENGL 379E Special Topics in Lit.: Film Analysis: The Rhetoric of Fictional Worlds
ITAL 421 The Italian Renaissance
MATH 406 Introduction to Number Theory
MATH 430 Euclidean & Non-Euclidean Geometries
PSYC 457 Cultural Context of Psychological Development
THET 495 History of Theatrical Theory & Criticism

CORE DIVERSITY COURSES

*= Also CORE Distributive Studies

**= Also CORE Advanced Studies

Diversity Courses Recommended Freshman & Sophomores

(under 56 credits):

ARTH	290	Art of Asia*
CMLT	270	Global Literature & Social Change
EDHD	230	Human Development and Societal Inst.*
ENGL	234	Intro. to African-American Lit.*
ENGL	250	Intro. to Literature by Women*
HIST	237	Russian Civilization*
WMST	200	Intro. to Women's Studies: Women and Society*
WMST	250	Intro. to Women's Studies: Women, Art and Culture*

Diversity Courses Recommended for Juniors and Seniors

(56 credits or higher):

AMST	418K	Cultural Themes in America: Race in America: Theory and Policy**
FMCD	381	Poverty & Affluence Among Families & Communities
HIST	314A	Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East
SOCY	325	Sociology of Gender

USP DISTRIBUTIVE STUDIES COURSES**USP Area A: Culture and History Courses:**

AASP	202	Black Culture in the United States
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CLAS	170	Greek and Roman Mythology
EDPA	210	Historical & Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II
FREN	103	Review of Elementary French
FREN	203	Intermediate French
FREN	312	French Conversation: Current Cultural Events
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective
GEOG	324	Europe
GEOG	325	Soviet Union
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	201	Intermediate German
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HIST	110	The Ancient World
HIST	111	The Medieval World
HIST	113	Modern Europe, 1789-Present
HIST	156	History of the United States to 1865
HIST	234	History of Britain to 1485
HIST	236	History of Britain 1688 to 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
JAPN	205	Intermediate Japanese I
JAPN	206	Intermediate Japanese II
KNES	293	History of Sport in America
LATN	120	Intensive Latin
LATN	220	Intermediate Intensive Latin
PHIL	100	Intro. to Philosophy
PHIL	250	Philosophy of Science I
RUSS	101	Elementary Russian I
RUSS	102	Elementary Russian II
RUSS	281	19th Century Russian Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
TEXT	347	History of Costume II

USP Area B: Natural Sciences and Mathematics**USP Non-Lab Science and Mathematics Courses:**

BIOL	101	Concepts of Biology
BOTN	104	Plant Biol. for Non-Science Students
BOTN	211	Ecology and Mankind
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	170	Maps and Map Use
GEOG	201	Geography of Environmental Systems
GEOG	100	Physical Geology
MATH	111	Intro. to Math 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	Intro. to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers

NUTR	100	Elements of Nutrition
PHYS	161	General Physics: Mechanics and Particle Dynamics
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology

USP Lab Science Courses:

ASTR	100/110	Intro. to Astronomy & Lab
BIOL	101/102	Concepts of Biology & Lab
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	104/105	Plant Biology For Non-Science Students & Lab
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochem.
CHEM	113	General Chemistry II
GEOG	170/171	Maps & Map Use & Lab
GEOG	201/211	Geography of Environmental Systems & Lab
GEOG	100/110	Physical Geology & Lab
KNES	360	Physiology of Exercise
MICB	200	General Microbiology
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	262	General Physics: Heat, Electricity and Magnetism
ZOOI	210	Animal Diversity

USP Area C: Literature and the Arts Courses:

ARCH	170	An Intro. to the Built Environment
ARTH	100	Intro. to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	290	Art of Asia
ENGL	201	Western World Literature: Homer to the Renaissance
ENGL	205	Intro. to Shakespeare
ENGL	222	American Literature: 1865 to Present
ENGL	234	Intro. to African-American Literature
ENGL	241	Intro. to the Novel
ENGL	243	Intro. to Poetry
ENGL	246	The Short Story
ENGL	247	Literature of Fantasy
ENGL	250	Intro. to Literature by Women
MUSC	140	Music Fundamentals I
RTVF	314	The Structure and Meaning of Film for Non-Majors
SPAN	221	Readings in Spanish
SPAN	321	Survey of Span. Lit.: 12th-17th Cent.
SPAN	323	Survey of Spanish American Lit. I
SPAN	324	Survey of Spanish American Lit. II
THET	110	Intro. to the Theatre
WMST	250	Women, Art and Culture

USP Area D: Social and Behavioral Sciences Courses:

ANTH	102	Intro. to Anthropology
CJUS	100	Intro. to Law Enforcement
CNEC	100	Intro. 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 the United States
EDHD	230	Human Development and Societal Inst.
FMCD	201	Concepts in Community Development
FOOD	110	Food for People
GEOG	100	Intro. to Geography
GEOG	203	Economic Geography
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
HIST	157	History of the U.S. Since 1865
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress and Tension
KNES	350	Psychology of Sport
LING	200	Intro. to Linguistics
PHIL	140	Contemporary Moral Issues
PSYC	100	Intro. to Psychology
PSYC	310	Perception
PSYC	355	Child Psychology
RECR	130	Recreation and Leisure
SOCY	100	Intro. to Sociology
SOCY	105	Intro. to Contemporary Social Problems
SOCY	227	Introduction to the Study of Deviance
WMST	200	Intro. to Women's Studies

USP ADVANCED STUDIES COURSES**USP Development of Knowledge Courses:**

(56 credits or higher)

AMST	418K	Cultural Themes in America: Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	432	Literature and American Society
ANTH	401	Cultural Anthro.: Principles and Processes
ASTR	330	Solar System Astronomy
ASTR	380	Life in the Universe
CLAS	470	Adv. Greek & Roman Mythology

EDMS	451	Intro. to Educ. Statistics (If major requires a different intro. applied stat., e.g., BMGT, PSYC, ECON, and others?, EDMS 451 may not be counted USP Advanced Studies.)
ENGL	320	English Romantic Literature
ENGL	379E	Special Topics in Lit.: Film Analysis: The Rhetoric of Fictional Worlds
ENGL	432	American Lit., 1865-1914: Realism and Naturalism
ENGL	489A	Special Topics in English Language: The Language of Advertising
GVPT	442	History of Political Theory: Medieval to Recent
HLTH	498T	Ways of Knowing about Human Stress and Tension
ITAL	421	The Italian Renaissance
KNES	362	Philosophy of Sport
MATH	406	Intro. to Number Theory
MATH	430	Euclidean and Non-Euclidean Geometries
NUTR	335	History of Nutrition
PHIL	328B	Marxist Philosophy
PHIL	447	Philosophy of Law
PHYS	420	Principles of Modern Physics
PSYC	457	Cultural Context of Psychological Development
SPCH	324	Communication and Gender
THEAT	495	Hist. of Theatrical Theory and Criticism
WMST	400	Theories of Feminism

USP Analysis of Human Problems Courses: (56 credits or higher)

AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture & Mental Disorders in Modern America
AMST	428B	American Cultural Eras: American Film Culture in the 1960s
CLAS	374	Greek Literature in Translation
CNEC	310	Consumer Econ. and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	437	Consumer Behavior
ECON	315	Econ. Devel. of Underdeveloped Areas
EDCP	462	The Disabled Person in Amer. Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Encountered in Daily Living in the Home
EDPA	400	The Future of the Human Community
FMCD	381	Poverty & Affluence Among Low Income Families and the Community
FMCD	431	Family Crises and Intervention
FMCD	487	Legal Aspects of Family Problems
GEOG	463	Geographic Aspects of Pollution
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
HIST	312A	Crisis & Change in the United States: The Changing Urban Scene
HIST	314A	Crisis & Change in the Middle East & Africa: Nationalism & Nation Building in the Middle East
HLTH	476	Death Education
SOCY	325	Sex Roles
SOCY	410	Social Demography
SOCY	441	Social Stratification & Inequality
ZOOL	381	Natural History of the Chesapeake Bay

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

- 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 made 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 30 or more semester hours of College credit with a GPA of at least 2.0 may register on a pass/fail basis if the course offers the pass/fail grading option. At least 15 of these 30 must have been completed at the College Park Campus. Courses for which this option applies must be elective in the students' program. The courses may not be used to meet course requirements stipulated by a college, major, field of concentration, or general education program requirements. The maximum is one course per semester or summer session. Students may not choose this option when registering for a course. A complete statement of regulations concerning the

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 ACADEMIC INTEGRITY

All students are expected to adhere to the provisions of the *Code of Academic Integrity*, as set forth in the Undergraduate Catalog. Copies of the Code may be obtained from the Student Honor Council in room 3142 South Campus Dining Hall, telephone 314-8450.

ACADEMIC DISHONESTY

Academic Dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

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, 1991-92, College Park Campus.

CANDIDATES FOR DEGREES

All students who expect to complete requirements for degrees during the summer should complete application for graduation during summer registration at the Registrations Office, Mitchell Building. Applications should be filed no later than July 17, for degrees to be awarded as of August 25, 1992. While there is no graduation ceremony in August, August graduates are invited to participate in the ceremony held in December.

COMMENCEMENT HONORS

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three preceding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.30 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

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.

GOLDEN IDENTIFICATION STUDENT PROGRAM

College Park participates in the University of Maryland's Golden Identification Student Program. The institution will make available courses and various services to persons who are 60 years of age or older, who are legal residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours a week). When persons eligible for this Program apply for the Program and are admitted to the University, they register on a space available basis for credit courses as regular or special students in any session and receive a Golden Identification Card. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses with the waiver of fees. College Park tuition and most other fees are waived. Golden ID students may register for a maximum of three courses per term. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Studies, Hornbake Library, 314-8385, or the Golden ID Student Program, room 0119, Hornbake Library, 405-3956.

FINAL EXAMINATIONS

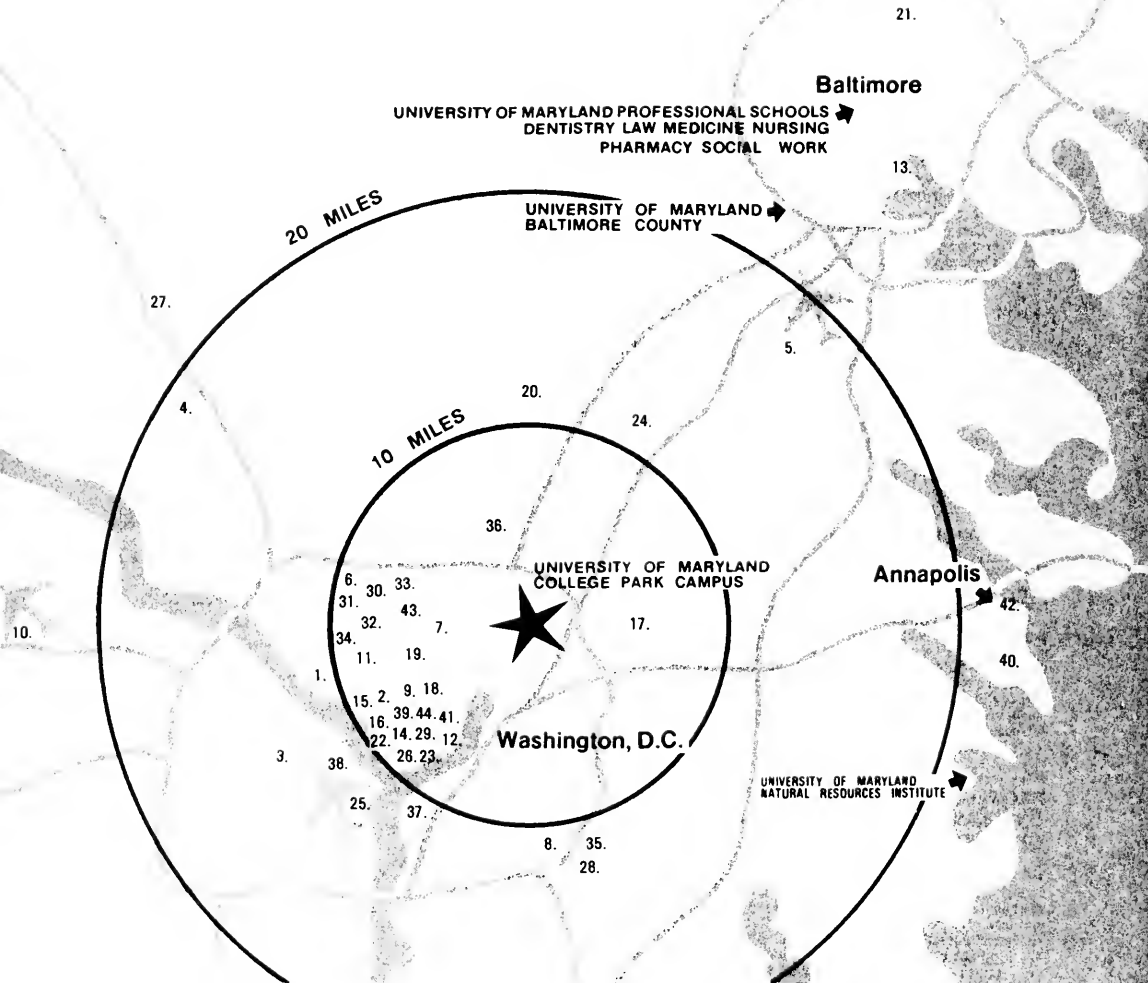
All final examinations must be held on the last day of classes of each summer session. No final examination shall be given at a time other than the last day of classes without permission of the department chair.

A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. For additional information, see "Examinations" in the Undergraduate Catalog.

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. GODDARD 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, Mitchell Building, 8:30 a.m. to 4:30 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			
	Minutes in Session			
	80	100	120	180
1	1.6	2.0	2.4	3.6
2	3.2	4.0	4.8	7.2
3	4.8	6.0	7.2	10.8
4	6.4	8.0	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				
	Minutes in Session				
	80	100	120	180	240
1	.8	1.0	1.2	1.8	2.4
2	1.6	2.0	2.4	3.6	4.8
3	2.4	3.0	3.6	5.4	7.2
4	3.2	4.0	4.8	7.2	9.6
5	4.0	5.0	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 $SCS = 8 + 5.4 + 3.2 = 16.2 = \text{full-time}$

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, Mitchell 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

Non-Credit Training Courses (Summer 1992)

The Computer Science Center offers a series of workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g., the IBM PC, XT, AT, PS/2 and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC, WordPerfect 5.1 on the IBM, Introduction to the Macintosh, MacWrite II on the Macintosh, spreadsheets on the IBM and telecommunications. Instructors are computer experienced students. Courses begin in June. Students may register for classes or pick up schedules in CSC Room 3326 or call 405-7700 for scheduling information. The non-refundable registration fee is \$5.00 per class.

SUMMER RECREATION PROGRAM

WATCH FOR THE RECREATION BROCHURE
GREAT SUMMER SPORTS ACTIVITIES
CULTURAL EVENTS
SPORTS TOURNAMENTS AND COMPETITIONS
For information: Reckord Armory, Room 1104, 314-7218

GENERAL INFORMATION



STUDENT PARKING REGISTRATION

All students who plan to park on campus must register for a parking permit. **STUDENTS MUST BRING THEIR STUDENT I.D. CARD** and complete an application.

Parking permits issued to students for the 1991-92 academic year will be honored for the 1992 Summer Sessions. For new students or continuing students who did not previously register for a parking permit, there will be a registration fee of \$19.00 for campus resident students and \$10.00 for commuter students, which must be paid to the Department of Campus Parking at the time of registration (see Tuition and Fees). Students who display their parking permit may park in lots 1, 2, 4, 11, and 16. All other lots are reserved for faculty and staff members. University Parking Regulations prohibit the parking of motor vehicles on any Campus road, fire lane, unpaid meters, or handicapped spaces. These regulations are enforced by the Department of Campus Parking and the Police Department. The DCP office is located in Parking Garage 2 and is open Monday-Friday, 8:30am to 4:00pm. Telephone: 314-PARK.

BICYCLE AND MOPED PARKING

Mopeds and bicycles need not be registered, but must be parked in bicycle racks provided on campus. If parked elsewhere or obstruct other vehicles or pedestrians bikes and mopeds are subject to impoundment.

HANDICAPPED PARKING

All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-DCP parking permit for the current year. Upon the issuance of the UMCP-DCP Permit, an additional UMCP-DCP handicapped permit will be issued at no charge. This additional permit must be used in conjunction with the State handicapped permit in order to use Campus spaces for the handicapped, unpaid parking meters or any un gated parking lot on campus except for service and courier spaces. All applications and permits must be processed at registration.

Only persons awarded disabled parking privileges are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).



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 additional 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.

Health Center telephone numbers to remember: (information 314-8090), appointments 314-8184, mental health service 314-8106, pharmacy 314-8167, health insurance 405-5654, health education 405-2463.



ON-CAMPUS HOUSING

Every College Park student who registers for summer sessions coursework is encouraged to live on campus in the residence halls. Early reservation for summer sessions housing is advised. Room reservation procedures are discussed in the *Summer 1992 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 the day before the start of Session I classes until final examinations are completed for Session II. Please consult the Housing Schedule on page 2 of this catalog. For an extra fee, 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 Agreement (in booklet section in the center of the catalog).

Bedrooms 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, 2100 Annapolis Hall, University of Maryland, College Park, MD 20742; Phone: (301) 314-2100.

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

For more information about these services contact Campus Guest Services, University of Maryland, Room 0101, Annapolis Hall, College Park, MD 20742; Phone: (301) 314-7884.



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.

GENERAL INFORMATION

Active research takes place in every department on the campus. Among the exceptional research facilities are: scanning and transmission electron microscope; 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 mineral synthesis laboratory; a laboratory for mineral deposits research; a psychopharmacology 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; computer laboratories for parallel computation, database systems, artificial intelligence, computer systems, architecture and software engineering, biotechnology scale-up, communication and signal processing, composites research, semiconductor research, very large scale integration, 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, and transportation studies; the Astronomy Observatory; Systems Research Center; Center for Global Change; and the Water Resources Center.

The College Park campus is also part of a consortium of three universities with the University of California at Berkeley, and the University of Illinois at Urbana-Champaign who operate a large millimeter array telescope at Hat Creek in 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 Bureau of Business and Economic Research, the Bureau of Governmental Research; the Center on Aging and the Family Service Center; the Center for Educational Research and Development; the Center for International Security Studies of Maryland; Center for Higher Education Governance and Leadership; Family Research Center; Information Sciences Research; International Development and Conflict Management; the Latin American Studies Center; the Institute for Philosophy and Public Policy; the Center for Quality and Productivity; the Center for International Business Education and Research (CIBER); the Center for Renaissance and Baroque Studies; the Center for Studies in Nineteenth Century Music; Study and Research in Business and Public Policy; the Michael D. Dengman Center for Entrepreneurship; Center for Young Children; the Survey Research Center; the Engineering Research Center; the Laboratory for Plasma Research; the Center for Superconductivity Research; the Laboratory for Coastal Research; 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; the Center for Architectural Design and Research (CADRE) in the School of Architecture; and the Center for Population, Gender and Social Inequality.

Studies in agriculture are an important aspect of University research. The Agricultural Experiment Station headquartered at College Park utilizes its personnel and laboratories at UMCP and UMES as well as its off-campus Research Education Centers, including 4,000 acres, to study soil and water resources, plant ecosystems, animal resources, policy, economics, and public affairs.

The College of Health and Human Performances maintains modern research laboratories including, but not limited to, the 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, Motor Learning Research, Minority Health Lab, and the Wellness Research Lab.



DINING SERVICES

The Department of Dining Services has 32 operations to serve the University community. Among these are three dining rooms, located in the 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, Umberto's Restaurant offers fresh pastas with a variety of sauces, chicken and veal dishes, sandwiches and salads. 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 Maryland Deli and Bakery. Ask about our personalized cakes. The Eateries Buffet Court features salads, sandwiches and hot entrees sold by the pound.

Elsewhere on campus is the Gazebo Room, open Monday through Friday, conveniently located in South Campus Dining Hall. This food court features an extensive soup and salad bar, sandwiches, grill line, hot entrees, bakery, ice cream shop, international food shop, and an ever-changing à la carte menu. Ellicott Diner, a recreation of a 1950's diner, features 7 fast food restaurants and a 50 item salad bar sold by the pound. Now open Sunday through Friday, the Leonardtown Convenience Store sells groceries and sundries. The Ellicott Snack N' Shop, located near the Ellicott Dining Hall, is also open for your convenience Sunday through Friday, for candy, snacks, juices and groceries.



DISABILITY SUPPORT 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. Currently, handicapped shuttle service is available on a limited basis during the summer. Students should contact the office at the earliest possible opportunity so that services can be arranged by the start of classes.

314-7682 (voice) 314-7683 (TDD)

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



LIBRARIES

Libraries of the campus are the Theodore R. McKeldin Library (the main library), the Architecture Library, Art Library, the White Memorial Chemistry Library, Engineering and Physical Sciences Library, R. Lee Hornbake Library containing the Undergraduate Library, Nonprint Media Services, and the Music Library. The Libraries have a total book collection of over 2.1 million volumes and currently receive almost 23,000 serials. In addition, the libraries contain 4.3 million microforms; 705,000 U.S., state, and international government documents;

GENERAL INFORMATION

two million technical reports; 91,000 cassettes, records and tapes; and over 187,000 maps. Bibliographical facilities include print catalogs of the Library of Congress, bibliographies of many foreign countries, access to online resources such as the OCLC and the UM online catalog and over 60 automated reference sources. Special Collections include the Katherine Anne Porter Room, East Asia collection, Marylandia, industrial and craft union files, music education association files, the International Piano Archives, the Gordon Prange Collection, the National Trust for Historic Preservation Collection, and numerous sets of microreproductions of rare books, early and rare journals, archives and manuscripts. Book lockers are available to faculty members and graduate students in the McKeldin Library. Facilities for microform reading, photocopying, ordering online database searches, reading reserve material and arranging interlibrary loans are available in all libraries. Anyone is welcome to use the libraries' resources on site, and UM students, faculty and staff may borrow circulating items.

EXPERIENTIAL LEARNING PROGRAMS

0119 Hornbake Undergraduate Library, 405-3956

Experiential Learning Programs (ELP) offers four of the University's most exciting learning opportunities—internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, provide valuable on-the-job experience, make professional contacts, observe career fields first-hand, experience different educational, work or cultural environments, and clarify personal and professional goals.

INTERNSHIPS

An internship is a paid or unpaid work experience with specific educational objectives that can be granted academic credit. Students can use extensive ELP listings, which include more than 1,500 opportunities in more than 800 organizations, businesses and agencies to identify possible internships. The ELP Office also maintains directories and catalogues which describe local and national positions. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can request a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ___386

Students can earn academic credit for their internship experience through departmental internships or through the campus-wide internship course ___386 Field Experience. To be eligible for a ___386 course, students must have earned 56 credits including at least 12 earned at UMCP and 3 credits in the department in which the ___386 course is to be taken. The following are Campus Senate Policies regarding ___386.

- ___386 may be taken by any student with the permission of a full-time faculty member, if it is a departmental option and in accordance with departmental requirements and internship policies.
- ___386 may be taken for a letter grade or pass-fail in accordance with departmental policies.
- ___386 is a variable credit course and may be awarded from 3 to 6 credits as stipulated by departmental policy.
- ___386 may be taken only once in a given department.
- ___386 may be taken in only one department per semester.
- ___386 may be taken for a maximum of 12 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are **mandatory** for all students taking ___386 Field Experience. The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation,

and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

To register in a ___386 course, students must have a Learning Proposal approved by the Office of Experiential Learning Programs in addition to the faculty sponsor and the student's internship supervisor.

VOLUNTEER SERVICE

Students can learn while being of service to others as a student volunteer. The ELP office lists many different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, illiteracy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit.

NATIONAL STUDENT EXCHANGE PROGRAM (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 100 participating public colleges and universities across the country. UMCP students pay Maryland tuition and fees and exchange with a student wishing to come to College Park for a semester or a year. NSE offers the opportunity to explore new geographical settings, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, the Virgin Islands, and Puerto Rico. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange.

COOPERATIVE EDUCATION

Full-time students enrolled at The University of Maryland College Park have an opportunity to participate in a program which links education with practical work experience. The program is called COOPERATIVE EDUCATION.

Two co-op programs exist on UMCP's campus: Cooperative Education for Liberal Arts, Business and the Sciences, and the Engineering Cooperative Education Program. While each program carries its own eligibility requirements and procedures, the benefits are the same:

- Apply classroom learning to actual practice
- Confirm career choice
- Develop professional level skills
- Earn money to help finance one's education
- Gain access to the hidden job market
- And more

Students who participate in cooperative education, both at UMCP and nationwide, have benefitted from the skills and experience gained from their co-op experience. In fact, 67% of co-op students receive job offers from their co-op employers upon graduation.

Co-op employers include both private industry and the public sector. There are a wealth of co-op files available for co-op applicant perusal.

For more information, Engineering majors should contact the Co-op Director, 1137 Engineering Classroom Building, or call 405-3863. Liberal Arts, Business and the Sciences majors should contact the Co-op Coordinator, 0119 Hornbake Library, or call 405-3956.

GENERAL INFORMATION

COUNSELING CENTER

The counseling center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students. Records kept as part of providing counseling services are **confidential** and are not part of the University's educational records. The Counseling Center, located in Shoemaker Building, is open Monday – Friday 8:30-4:30 and Wednesday 8:30-9:00.

In order to meet the needs of the University community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide professional individual and group counseling services for students with social-emotional and educational-vocational concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness, and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. The Center also provides a series of tape-recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 314-7651.

Disability Support Services (DSS). Professionals provide interpreters for the deaf, readers for the blind, assistance with registration, administration of classroom exams, assistance for students with learning disabilities, and access guides to campus buildings. Services must be arranged in advance and students are encouraged to contact the office as early as possible. Located in Room 0126 Shoemaker, office hours are 8:30-4:30 Monday – Friday. Telephone: 314-7682 (voice) or 314-7683 (TDD).

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and how to learn mathematics and science material. Workshops cover such topics as study skills, time management, learning math skills, exam anxiety, and learning English as a second language. Telephone: 314-7693

Returning Students Program. Ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back after a break in their formal education. The service offers returning students assistance with study skills techniques well as exploration of academic, career, and personal goals. Located in Room 2201 of Shoemaker. Telephone: 314-7693.

Testing, Research, and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT, and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characteristics of students and the campus environment. Telephone: 314-7688.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing, and counseling for youngsters ages 5-14 and families. Telephone: 314-7673.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to helping you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.



UNIVERSITY BOOK CENTER

The Book Center is located in the lower level of the Stamp Student Union Building. The Book Center offers new and used textbooks, popular and technical books, computer software, school and office supplies, and imprinted Maryland Sportswear.



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 UMCP. 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. Benefits include athletic event tickets, library cards, use of shuttle bus, and use of recreational facilities. For further information contact the Retired Volunteer Service Corps office at 405-3956.

SPECIAL PROGRAMS

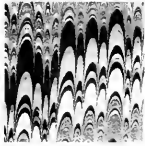
WORKSHOPS, INSTITUTES AND OTHER SPECIAL OFFERINGS

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, nonmatriculant 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 terms 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.



THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

George Moquin, Executive Director

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

THE NATIONAL ORCHESTRAL INSTITUTE

June 5 - June 27, 1992

Resident Conductors

Kenneth Jean

Christopher Seaman

Joseph Silverstein

A symphony orchestra of America's most talented young musicians studies and performs with three internationally acclaimed conductors. The Institute is designed to provide advanced level orchestral training enabling young musicians to make the leap from their school training to the world of professional orchestras. Widely recognized as one of the nation's leading programs in orchestral studies, the NOI has provided many with professional level experience and the opportunity to develop their musicianship. Previous participants have won orchestral positions with the Alabama, Atlanta, Calgary, Colorado, Florida, Philadelphia, and other leading symphony orchestras throughout North America, as well as in Europe and Asia.

Participants for the orchestra are selected through regional auditions held throughout the United States during February and March. All selected members of the orchestra receive full tuition, room and board scholarships. In addition to preparing three public concerts under the direction of the conductors, musicians will study in masterclasses and sectionals with principal musicians from many of America's foremost orchestras.

For information, contact Mr. Donald Reinhold, Administrative Director, Office of Summer & Special Programs, University of Maryland, College Park, MD 20742-5321. Telephone: 301-405-6540.

THE UNIVERSITY OF MARYLAND INTERNATIONAL PIANO FESTIVAL AND WILLIAM KAPELL COMPETITION

July 9 - JULY 18, 1992

The biennial Piano Festival and Competition returns to offer a

veritable feast of great music and extraordinary piano playing by some of the world's leading keyboard artists during the Festival, and by a distinguished group of promising young artists who will compete in one of the world's foremost international piano competitions.

The Competition

Expected to attract over 150 applicants, The William Kapell Competition is open to pianists aged 18 - 33. Over \$50,000 in cash prizes will be awarded in addition to important engagements including a New York City recital in Alice Tully Hall, Lincoln Center. Forty young pianists from around the world will be invited to College Park to compete before an international jury of acclaimed pianists. Preliminary, Semi-Final, and Final Rounds of the Competition are open to the public. The Competition concludes on July 18 with a gala evening featuring three finalists performing concertos with the National Symphony Orchestra, Mstslav Rostropovich, Music Director, and conducted by Hermann Michael. The William Kapell Competition is a member of the prestigious World Federation of International Music Competitions, Geneva, Switzerland.

The Festival

Presented in conjunction with the Competition, this 21st edition of the Piano Festival offers a week-long program of recitals, masterclasses, lecture-recitals and symposia. Among the artists scheduled to present evening recitals and masterclasses are Seymour Lipkin, Gary Graffman, Paul Badura-Skoda, and Moura Lympany. Symposia will address the issues that young musicians confront when planning their educational and career choices. All events are open to the general public.

The Festival Registration Fee includes admission to all Festival and Competition events, a program book, and information packet.

\$250.00

(If received by June 15)

\$300.00

(If received after June 15)

Individual tickets to the Festival and Competition events may be purchased by ticket order form, available from the Office of Summer & Special Programs, University of Maryland, College Park, MD 20742-5321. Telephone: 301-405-6548. Tickets may be purchased at the Tawes Theatre Box Office beginning May 26, 1992. Telephone: 301-405-2201.

COLLEGE OF ARCHITECTURE

ARCH 488C. Selected Topics In Architectural Preservation: The Cape May Historical Preservation Workshop. 3 credits. May 29 to June 12, 1991. A workshop and study experience in the preservation of some of the nation's important architectural landmarks in the resort of Cape May, New Jersey. The course is conducted at Hotel Chalfont in Cape May. Professor David P. Fogle.

SPECIAL PROGRAMS



COLLEGE OF ARTS AND HUMANITIES

Department of Hebrew and East Asian Languages and Literatures

JAPN 101.0101, 6 credits, and JAPN 102.0201, 6 credits, Sessions I and II: MTWTHF, 9:00 a.m. to 11:50 a.m.

Professor Robert Ramsey

In cooperation with the College of Engineering, the College of Business and Management, and the Office of International Affairs, the Department of Hebrew and East Asian Languages will provide an opportunity for students, professional and business people who plan to work in Japan with Japanese leadership to experience a structured intensive introduction to the Japanese language and the culture of the country. Future summer courses will continue a sequential study of the language, the people, essential knowledge, and skill for anyone who wishes to develop business and professional linkages in Japan. Students may register for only the first or both sessions. The two sessions cover an entire year's study of the Japanese language.

For additional information contact:

Dr. Robert Ramsey
Department of Hebrew &
East Asian Languages
301-405-4239

Dr. Marilyn Berman
College of Engineering
301-405-3871



COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

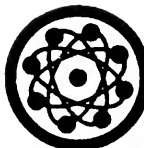
Department of Anthropology

ANTH 496/696/ SUMM 015, Summer Field School in Archaeology. Eight credits or non-matriculant, non-credit registration at a special fee of \$950.00. June 1 to July 10, 1992. 8:00 a.m. - 4:00 p.m.

Professor Mark Leone

An anthropological field school conducted at Annapolis, Maryland in cooperation with Historical Annapolis, providing a hands-on experience for students who wish to acquire skills in archaeological 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) 405-1423.



COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Department of Mathematics

SUMM 003. Building Math Self-Confidence: A Review of High School Algebra. Non-credit. June 1 to June 19, 1992. M-F, 9:00 a.m. - 12:00 p.m. Special fee: \$300.00.

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.

THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

THE NATIONAL ORCHESTRAL INSTITUTE



University of Maryland,
College Park
June 5 - 27, 1992



THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

“... the stars of tomorrow...”

Joseph McLellan, Washington Post

1992 SEASON NOI PHILHARMONIC



Saturday, June 13
KENNETH JEAN
Smetana, Kodaly, Bruckner

Saturday, June 20
CHRISTOPHER SEAMAN
Brahms, Vaughan Williams, Shostakovich

Tawes Theatre,
University of Maryland at College Park
Free admission, but tickets required.

Saturday, June 27
JOSEPH SILVERSTEIN
Verdi, Beethoven, Elgar

Joseph Meyerhoff
Symphony Hall, Baltimore

**TAWES THEATRE
BOX OFFICE
(301) 405-2201**

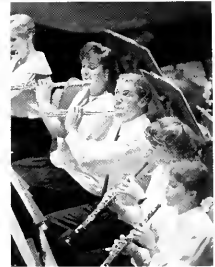


Now in its fifth season, the National Orchestral Institute at the University of Maryland, College Park is a unique, full-scholarship workshop in advanced orchestral technique. It attracts some of America's best young orchestral musicians, many of whom have since been offered positions with orchestras around the country. The ninety young musicians who perform this summer as the

National Orchestral Institute Philharmonic will spend their time rehearsing and studying with three guest conductors and a faculty drawn from principal players from America's leading orchestras.

The National Orchestral Institute is open to undergraduate, graduate and post-graduate musicians aged 18 - 30. For audition information contact:

Donald Reinhold, Administrative Director NOI
Office of Summer and Special Programs
University of Maryland
College Park MD 20742-5321



NOI photography by Stan Barouh

THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS



THE UNIVERSITY OF MARYLAND
INTERNATIONAL PIANO FESTIVAL AND
WILLIAM KAPELL COMPETITION

July 9 - 18, 1992

Photograph of William Kapell courtesy of The International Piano Archives at the University of Maryland



Two memorable 1990 master classes: ABOVE, Karl-Ulrich Schnabel and UPPER RIGHT, Menahem Pressler.

A Festival

to which all pianists, students, teachers and music enthusiasts are invited. Events include an evening recital series, master classes, lecture-recitals and symposia featuring world-famous artists. Attend individual events, or register for the entire Festival - including all Competition rounds.



RIGHT: Between Festival sessions, registrants and audience look over piano literature.



A Competition

"...an opportunity to discover real major talent ... real individuality, real power of communication, and the strength to bring this message to the public."

Seymour Lipkin,
Festival Artistic Director and
Competition Jury Chairman

Forty young artists from all over the world compete for cash prizes of over \$50,000. Don't miss the exciting Final round in the Kennedy Center Concert Hall with the National Symphony Orchestra, *Mstislav Rostropovich, Music Director, Hermann Michael, Conductor.*



ABOVE: 1990 - a standing-room only crowd flocked to the Kennedy Center to see Christopher Taylor (USA) receive the \$20,000 First Prize.

LEFT ABOVE: 1989 - Finalist Sylviane Deferne (Switzerland) acknowledges the applause of the audience. BELOW: Kapell Laureate Haesun Paik (Korea) congratulates the NSO Concertmaster

REGISTRATION
&
TICKET INFO:
(301) 405-6540/6548

THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

SESSION I

Saturday, June 6 at 8:15
Tawes Theatre

*Opera for the
FUN!
of it*

*WQXR's Robert Sherman
hosts an evening of
operatic comedy with
University of Maryland
faculty artists*



Tuesday, June 9 at 8:15
Center of Adult Education
1992 Summer Chamber
Music Series
KARR-LEWIS DUO
*Gary Karr, double bass
Harmon Lewis, piano*



Saturday, June 13 at 8:15
Tawes Theatre

NOI
PHILHARMONIC
Kenneth Jean, Conductor



*1992 Summer Chamber
Music Series
CARTER BREY &
CHRISTOPHER
O'RILEY, cello &
piano*



Tuesday, June 16 at 8:15
Center of Adult Education
1992 Summer Chamber
Music Series



*NEW
WORLD
STRING
QUARTET*

Saturday, June 20 at 8:15
Tawes Theatre

NOI
PHILHARMONIC
*Christopher Scannan,
Conductor*



Tuesday, June 23 at 8:15
Center of Adult Education
1992 Summer Chamber
Music Series
SATURDAY BRASS



Tuesday, June 30 at 8:15
Center of Adult Education

**THE UNIVERSITY
OF MARYLAND
INTERNATIONAL
PIANO FESTIVAL
— & —
WILLIAM KAPELL
COMPETITION**



Photo of William Kapell courtesy of the International Piano Archives at Maryland.

Thursday, July 9 at 2:00 and
7:30

Tawes Theatre
Competition
Preliminary Round

Friday, July 10
at 9:30 a.m., 2:30 p.m.
and 7:30 p.m.

Tawes Theatre
Competition
Preliminary Round

Saturday, July 11 at 9:30 a.m.
Tawes Theatre
Competition
Preliminary Round

THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

SESSION II

Sunday, July 12 at 3:00
Tawes Theatre
Competition
Semi-Final Round

8:30
Tawes Theatre
Piano Recital
SEYMOUR LIPKIN



Monday, July 13 at 3:00
Tawes Theatre
Competition
Semi-Final Round

8:30
Tawes Theatre
Piano Recital
GRIGORY SOKOLOV



Tuesday, July 14 at 3:00
Tawes Theatre
Competition
Semi-Final Round

8:30
Tawes Theatre
Piano Recital
PAUL BADURA-SKODA



Wednesday, July 15 at 8:30
Tawes Theatre
Piano Recital
GARY GRAFFMAN



Thursday, July 16 at 7:00
Tawes Theatre
Competition
Final Round, Phase I

Friday, July 17 at 8:30
Tawes Theatre
Piano Recital
MOURA LYMPANY



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 of the 1992 performing arts events listed here.

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 may purchase a Summer Activity Card after May 18 at the Campus Recreation Services Window located in the Reckord Armory Office.

WHERE AND WHEN

Tawes Theatre Box Office will be open weekday afternoons beginning May 26 and on the evenings of performances. Summer Activity Card holders will be issued complimentary tickets on a first-come, first-served basis. A schedule of ticket distribution dates will be published and distributed to Summer Sessions registrants and purchasers of Activity Cards.

For more information, or to receive a Summer Season Brochure, call

(301) 405-6548

All programs subject to change

AASP**AFRO-AMERICAN STUDIES
(BEHAVIORAL AND SOCIAL SCIENCES)**

- AASP 202** **Black Culture in the United States** 3 credits. *Grading Method: REG/P-F/AUD*
CORE Distributive Studies Social and Behavioral Science Course. *REG/P-F/AUD*
Area A Cultural and Historical Course
- 0101** MTuWThF 12:30pm-1:50pm Bldg LEF, Room 1220 Harley, S
The course examines important aspects of American Negro life and thought which are reflected in Afro-American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the nineteenth century to the present

AEED**AGRICULTURAL AND EXTENSION EDUCATION
(AGRICULTURE)**

- AEED 639** **Special Problems** 1-3 credits. *Grading Method: REG*
Permission of department required. Contact department to make arrangements
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- AEED 799** **Master's Thesis Research** 1-6 credits. *Grading Method: REG*
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- AEED 899** **Doctoral Dissertation Research** 1-8 credits. *Grading Method: REG*
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

AGRO**AGRONOMY
(AGRICULTURE)**

- AGRO 386** **Experiential Learning** 3-6 credits. *Grading Method: REG/P-F*
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor 56 semester hours
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- AGRO 499** **Special Problems in Agronomy** 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
- 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 Pedagogy** 1-4 credits. *Grading Method: REG/AUD*
Permission of department required
- 0201** Time Arranged Room Arranged Rabenhorst, 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 330** **Critics of American Culture** 3 credits. *Grading Method: REG/P-F*
CORE Advanced Studies Social and Ethical Problems Course. *USP* Advanced Studies Analysis of Human Problems Course. Prerequisite: prior course in AMST, HIST, or SOCY
- 0201** MTuWThF 9:30am-10:50am Bldg SCP, Room 1121 Mintz, L
Philosophies of American social purpose and promise. Readings from "classical" American thinkers, contemporary social commentators, and American studies scholars.
- AMST 386** **Experiential Learning** 3-6 credits. *Grading Method: REG/P-F/AUD*
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor 56 semester hours
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- 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 418B** **Cultural Themes in America: Culture and Mental Disorders** 3 credits. *Grading Method: REG/P-F/AUD*
CORE Advanced Studies Social and Ethical Problems Course. *USP* Advanced Studies Analysis of Human Problems Course
- 0101** TuTh 9:30am-12:50pm Bldg SCP, Room 1119 Caughy, J
- AMST 418K** **Cultural Themes in America: Race in America: Theory and Policy** 3 credits. *Grading Method: REG/P-F*
CORE Advanced Studies Development of Knowledge Course. *CORE* Distributive Studies Cultural Diversity Course. *USP* Advanced Studies Development of Knowledge Course
- 0101** MTuWThF 8:00am-9:20am Bldg SCP, Room 1121 Diner, H
- AMST 428A** **American Cultural Eras: Social Dramas in American Cultural History** 3 credits. *Grading Method: REG/P-F*
USP Advanced Studies Development of Knowledge Course
- 0101** MW 6:30pm-9:50pm Bldg SCP, Room 1119 Lounsbury, M
Applying the methods of sociology, rhetorical analysis and anthropology, the course will explore the dramatic nature of face-to-face relationships, small group behavior, and public media events. After placing American social dramas in historical perspective, we will focus on the 1960's, its heroes' John F. Kennedy, Martin Luther King, Malcolm X, communal activities, the Merry Pranksters, the Esalen Institute and radical demonstrations 1964 Berkeley, 1968 Chicago. Prerequisite: a prior course in American studies, American history or sociology
- AMST 428B** **American Cultural Eras: American Film Culture in the 1960's** 3 credits. *Grading Method: REG/P-F*
USP Advanced Studies Analysis of Human Problems Course. Prerequisite: a course in one of the following - AMST, film, twentieth-century American history, AFTH, or SOCY
- 0101** MW 1:00pm-4:20pm Bldg SCP, Room 1119 Lounsbury, M
Investigating the interaction between the film medium and an era of significant cultural change, the course will emphasize (1) institutional factors (the Hollywood industry, the so-called film circuit) that influence the production and appreciation of the motion picture, (2) Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing substantial transformations during this period, (3) 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 continued

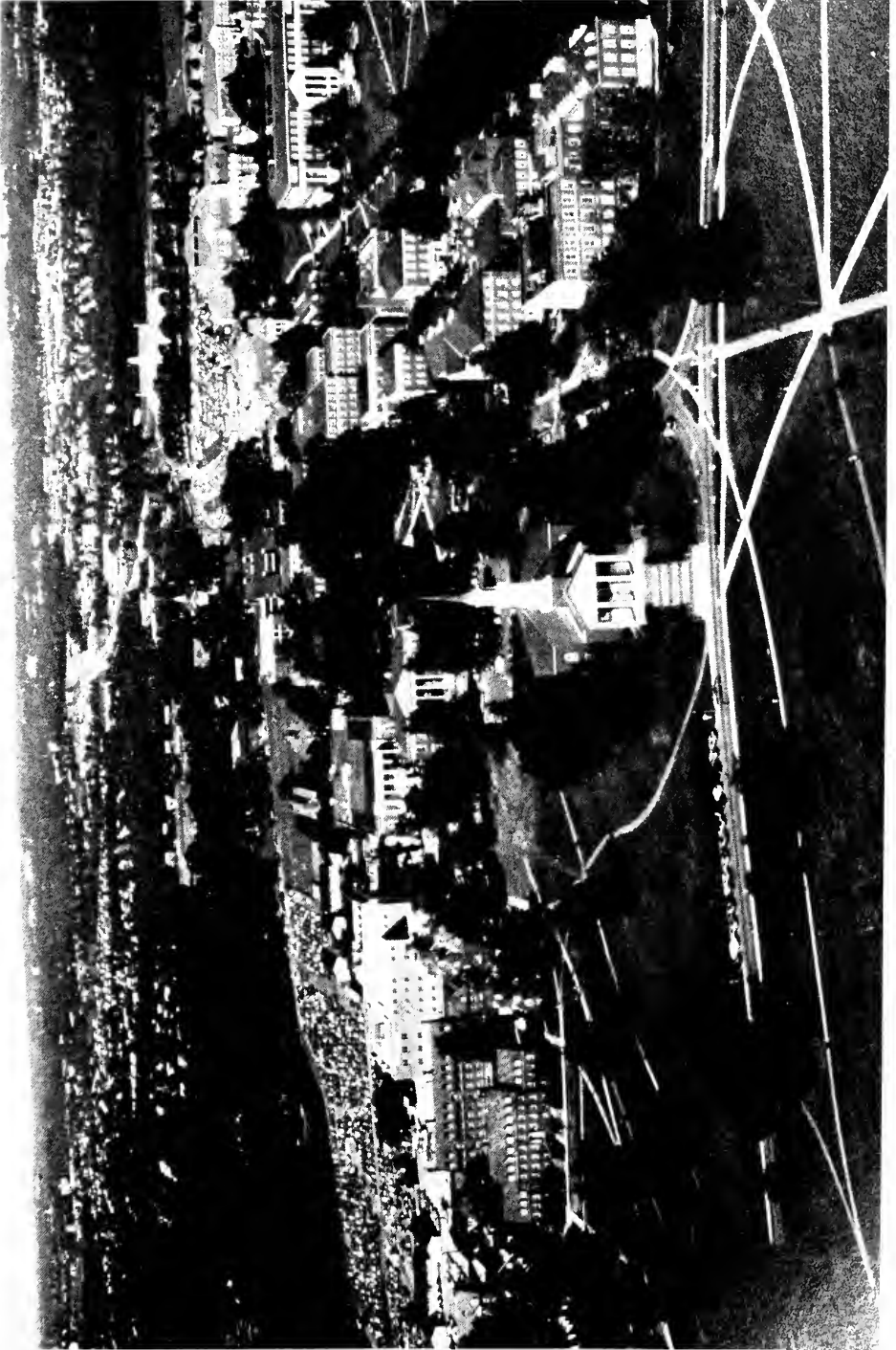
- AMST 432** **Literature and American Society** 3 credits. *Grading Method: REG/P-F*
CORE Advanced Studies Development of Knowledge Course. *USP* Advanced Studies Development of Knowledge Course. Prerequisite: prior course in AMST, SOCY, American literature, or American history
- 0201** MTuWThF 11:00am-12:20pm Bldg SCP, Room 1121 Mintz, L
Examination of the relationship between literature and society including literature as cultural communication and the institutional framework governing its production, distribution, canonization, and adaptation
- AMST 698** **Directed Readings in American Studies** 3 credits. *Grading Method: REG/AUD*
- 0101** Time Arranged Room Arranged STAFF
0201 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** **Experiential Learning** 3-6 credits. *Grading Method: REG/P-F*
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor 56 semester hours
- 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 660** **Poultry Literature** 1-4 credits. *Grading Method: REG/AUD*
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
Readings on individual topics are assigned. Written reports required. Methods of analysis and presentation of scientific material are discussed
- 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*
Permission of department required
- 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

ANTH**ANTHROPOLOGY
(BEHAVIORAL AND SOCIAL SCIENCES)**

- ANTH 102** **Introduction to Anthropology: Cultural Anthropology and Linguistics** 3 credits. *Grading Method: REG/P-F/AUD*
CORE Distributive Studies Behavioral and Social Science Course. *USP* Distributive Studies Area D. Social and Behavioral Sciences Course
- 0101** MTuWThF 12:30pm-1:50pm Bldg KEY, Room 0102 Stuart, W
Social and cultural principles as exemplified in ethnographic descriptions. The study of language within the context of anthropology.
- ANTH 298S** **Special Topics in Anthropology: Archaeology of Colonial North America** 3 credits. *Grading Method: REG/P-F/AUD*
- 0101** MTuWThF 9:30am-10:50am Bldg KEY, Room 0125 Seidel, J
- ANTH 389A** **Research Problems** 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
- ANTH 389U** **Research Problems** 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
- ANTH 401** **Cultural Anthropology: Principles and Processes** 3 credits. *Grading Method: REG*
USP Advanced Studies Development of Knowledge Course. Prerequisites: ANTH 101, ANTH 102, or ANTH 221
- 0101** MTuWThF 9:30am-10:50am Bldg KEY, Room 0102 Stuart, W
An examination of the nature of human culture and its processes, both historical and functional. The approach will be topical and downward rather than descriptive.
- ANTH 496** **Field Methods in Archaeology** 8 credits. *Grading Method: REG/P-F/AUD*
Formerly ANTH 499
- 0101** Meets JUN 1 to JUL 11 Room Arranged Leone, M
Meets JUN 30am-4:00pm Room Arranged STAFF
Field training in the techniques of archaeological survey and excavation
- ANTH 689A** **Special Problems in Anthropology** 1-6 credits. *Grading Method: REG/AUD*
Permission of department required
- 0101** Meets MAY 30 to JUL 6 Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- ANTH 696** **Field Methods in Archaeology** 8 credits. *Grading Method: REG/AUD*
Formerly ANTH 699
- 0101** Meets JUN 1 to JUL 11 Room Arranged Leone, M
Meets JUN 1 to JUL 11 Room Arranged STAFF
Field training in the techniques of archaeological survey and excavation
- ANTH 705** **Internship** 6-12 credits. *Grading Method: REG/AUD*
Permission of department required. Prerequisite: ANTH 701.
- 0101** Time Arranged Room Arranged (LAB) STAFF
0201 Time Arranged Room Arranged (LAB) STAFF
Problem-oriented internship with an appropriate public agency or private institution under the direction of a faculty and agency supervisor
- ANTH 712** **Internship Analysis** 3 credits. *Grading Method: REG/AUD*
Permission of department required. Prerequisite: ANTH 705
- 0101** Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
The preparation and presentation of internship reports; development of skills in report writing and presentation. The completed professional quality report based on the internship experience. Review of problems in ethics and professional development



APDS

APPLIED DESIGN (ARTS AND HUMANITIES)

APDS 431	Advanced Problems in Advertising Design 3 credits, Grading Method: REG/P-F/AUD Prerequisite: APDS 430. For advertising design majors only. Meets JUN 1 to JUL 23 MW 8:00am-12:30pm Time Arranged	Bldg MMH, Room 1413 Thorpe, J Room Arranged (LAB)
0101		
	Advanced problems in design and layout planned for developing competency in one or more areas of advertising design.	

ARCH

ARCHITECTURE (ARCHITECTURE)

ARCH 170	Introduction to the Built Environment 3 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Arts Course. USP Distributive Studies Area C. Literature and the Arts Course.	
0101	MTuWThF 9:30am-10:50am Introduction to conceptual, perceptual, behavioral and technical aspects of environmental design, methods of analysis, problem solving and project implementation.	Bldg ARC, Room 1105 STAFF
ARCH 220	History of Architecture I 3 credits, Grading Method: REG/P-F/AUD TuTh 2:00pm-5:00pm Survey of Western architectural history to the Renaissance. With consideration of parallel developments in the Eastern World.	Bldg ARC, Room 1101 STAFF
0101		
ARCH 221	History of Architecture II 3 credits, Grading Method: REG/P-F/AUD Prerequisite: ARCH 220 or permission of department. TuTh 11:00am-12:20pm Survey of Western architectural history from the Renaissance to the Twentieth Century. With consideration of parallel developments in the Eastern World.	Bldg ARC, Room 1103 STAFF
0201		
ARCH 242	Drawing I 2 credits, Grading Method: REG/P-F/AUD 0101 MW 7:00pm-10:00pm 0102 TuTh 7:00pm-10:00pm Introduces the student to basic techniques of sketching and use of various media.	Bldg ARC, Room 1121 STAFF Gardner, A
ARCH 343	Drawing II: Line Drawing 3 credits, Grading Method: REG/P-F/AUD Prerequisite: ARCH 400 or permission of department. For ARCH majors only. 0101 MW 7:00pm-10:00pm Basic free-hand line drawing for architectural preparation and design.	Bldg ARC, Room 1101 Gardner, A
ARCH 408C	Selected Topics in Architecture Studio: College Park Studio 3 credits, Grading Method: REG/P-F/AUD Permission of department required. Prerequisite: ARCH 403 or equivalent. 0101 MWTuTh 1:00pm-5:00pm 0201 MWTuTh 1:00pm-5:00pm Comprehensive building and urban design, studio options in advanced topical problems.	Bldg ARC, Room 1105 Dupuy, K STAFF
ARCH 428	Selected Topics in Architectural History 1-3 credits, Grading Method: REG/P-F/AUD Permission of department required. Majors only. Contact L. Vann for information. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
ARCH 428F	Selected Topics in Architectural History 3 credits, Grading Method: REG/P-F/AUD Permission of department required. 0201 TuTh 7:00pm-10:00pm	Bldg ARC, Room 1101 STAFF
ARCH 428M	Selected Topics in Architectural History 3 credits, Grading Method: REG/P-F/AUD Permission of department required. 0101 MW 7:00pm-10:00pm	Bldg ARC, Room 1127 STAFF
ARCH 429	Independent Studies in Architectural History 1-4 credits, Grading Method: REG/P-F/AUD Permission of department required. Majors only. Contact L. Vann for information. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
ARCH 470	Computer Applications in Architecture 3 credits, Grading Method: REG/P-F/AUD Permission of department required. Prerequisite: ARCH 400 or permission of department. 0101 MW 7:00pm-10:00pm Introduction to computer programming and utilization, with emphasis on architectural applications.	Bldg ARC, Room 1125 STAFF
ARCH 479	Independent Studies in Architecture 1-4 credits, Grading Method: REG/P-F/AUD Permission of department required. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
ARCH 481	The Architect in Archaeology 3 credits, Grading Method: REG/P-F/AUD Permission of department required. Prerequisite: permission of department. Contact L. Vann for information. 0101 Time Arranged	Room Arranged Sachs, S
ARCH 483	Field Archaeology 3 credits, Grading Method: REG/P-F/AUD Permission of department required. Prerequisite: permission of department. Contact L. Vann for information. 0101 Time Arranged	Room Arranged Sachs, S
ARCH 483C	Participation in field archaeology with an excavation officially recognized by proper authorities of local government.	
ARCH 488C	Selected Topics in Architectural Preservation: Cape May Workshop 3 credits, Grading Method: REG/P-F/AUD Permission of department required. Course is conducted at Hotel Chalonette, Cape May, New Jersey. Meets MAY 27 to JUN 12 0101 Time Arranged	Room Arranged Fogle, D
ARCH 488F	Selected Topics in Architectural Preservation: Kiplin Hall 3 credits, Grading Method: REG/P-F/AUD Permission of department required. Course is conducted in North Yorkshire, England at the University of Maryland Study Centre. Meets JUL 15 to AUG 14 0201 Time Arranged	Room Arranged (LAB) Fogle, D
ARCH 616	Advanced Architectural Structures 3 credits, Grading Method: REG/AUD Permission of department required. Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415 or equivalent. For ARCH majors only. 0101 Meets JUN 1 to AUG 21 TuTh 7:00pm-8:30pm Analysis of structural issues in architectural design, structure as an architectural form determinant; integration of architectural, structural and other technical disciplines in building design.	Bldg ARC, Room 1125 STAFF
ARCH 628	Selected Topics in Architectural History: Architectural History 1-3 credits, Grading Method: REG/AUD Permission of department required. Majors only. Contact L. Vann for information. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF

ARCH continued

ARCH 629	Independent Studies in Architectural History 1-3 credits, Grading Method: REG/AUD Permission of department required. Majors only. Contact L. Vann for information. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
-----------------	---	------------------------

AREC AGRICULTURE AND RESOURCE ECONOMICS (AGRICULTURE)

AREC 386	Experiential Learning 3-6 credits, Grading Method: REG/P-F Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
AREC 399	Special Problems 1-2 credits, Grading Method: REG/P-F/AUD 0101 Time Arranged 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 0201 Time Arranged	Room Arranged STAFF
AREC 799	Master's Thesis Research 1-6 credits, Grading Method: REG 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
AREC 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF

ARTH ART HISTORY AND ARCHAEOLOGY (ARTS AND HUMANITIES)

ARTH 100	Introduction to Art 3 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Arts Course. USP Distributive Studies Area C. Literature and the Arts Course. No credit toward the major can be received for this course. 0101 MTuWTh 2:00pm-3:20pm 0102 F 2:00pm-3:20pm 0201 F 2:00pm-3:20pm 0202 MTuWTh 9:30am-10:50am 0202 MTuWTh 9:30am-10:50am Major approaches to understanding the visual arts, and includes analysis of techniques, subject matter, and form. Painting, sculpture, architecture, and the graphic arts.	Bldg ASY, Room 1213 Bldg ASY, Room 1213 (DIS) Denny, D Bldg ASY, Room 1213 (DIS) Colantuono, A Bldg ASY, Room 1213 (DIS) Colantuono, A
ARTH 200	Art of the Western World I 3 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Arts Course. USP Distributive Studies Area C. Literature and the Arts Course. Formerly ARTH 260. 0101 MTuTh 9:30am-10:50am 0102 W 9:30am-10:50am 0201 MTuWTh 12:30pm-1:50pm 0202 MTuWTh 12:30pm-1:50pm Painting, sculpture, and architecture from prehistoric times to the Renaissance.	Bldg ASY, Room 1213 Bldg ASY, Room 1213 (DIS) Spiro, M Bldg ASY, Room 1213 (DIS) Spiro, M Bldg ASY, Room 1213 (DIS) Firmani, D Bldg ASY, Room 1213 (DIS) Firmani, D
ARTH 201	Art of the Western World II 3 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Arts Course. USP Distributive Studies Area C. Literature and the Arts Course. Formerly ARTH 261. 0101 MTuWTh 11:00am-12:20pm 0102 Th 11:00am-12:20pm 0201 TuTh 11:00am-12:20pm 0202 W 11:00am-12:20pm Painting, sculpture, and architecture from the Renaissance to the present.	Bldg ASY, Room 3211 Bldg ASY, Room 1213 (DIS) Ottesen, B Bldg ASY, Room 3211 (DIS) Ottesen, B Bldg ASY, Room 1213 Colantuono, A Bldg ASY, Room 1213 (DIS) Colantuono, A
ARTH 280	Art of Asia 3 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Arts Course. USP Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C. Literature and the Arts Course. Formerly ARTH 262. 0101 MWTuTh 12:30pm-1:50pm 0102 MWTuTh 12:30pm-1:50pm 0201 TuTh 12:30pm-1:50pm South and East Asian art from prehistory through the mid-nineteenth century.	Bldg ASY, Room 1213 Bldg ASY, Room 1213 (DIS) Sandler, M Bldg ASY, Room 1213 Sandler, M Bldg ASY, Room 3211 (DIS)
ARTH 355	Twentieth-Century Art 3 credits, Grading Method: REG/P-F/AUD No credit toward the major can be received for this course. 0101 MTuWTh 11:00am-12:20pm Survey of major trends in painting and sculpture, in Europe and America, from approximately 1900 to the present.	Bldg ASY, Room 1213 Denny, D
ARTH 386	Experiential Learning 3-6 credits, Grading Method: REG/P-F Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
ARTH 498	Directed Studies in Art History I 2-3 credits, Grading Method: REG/P-F/AUD 0101 Time Arranged 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 0201 Time Arranged	Room Arranged STAFF
ARTH 699	Special Topics in Art History 3 credits, Grading Method: REG/AUD 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
ARTH 798	Directed Graduate Studies in Art History 3 credits, Grading Method: REG/AUD 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF
ARTH 799	Master's Thesis Research 1-6 credits, Grading Method: REG 0101 Time Arranged 0201 Time Arranged	Room Arranged STAFF

BIOL continued

BIOL 398	Honors Research Problems in Biology 1-3 credits. Grading Method REG Permission of department required. Cortical L (Reg 1125 H J Patterson) to obtain section number.			
0101	Time Arranged	Room Arranged	STAFF	
0201	Time Arranged	Room Arranged	STAFF	
BIOL 489	Topics in Biology for Secondary and Middle School Teachers 5 credits. Grading Method REG/P-F/AUD Permission of department required.			
0101	Meets JUN 23 to AUG 4 MTuWThF 9:00am-12:00pm MTuWThF 1:00pm-4:00pm	Blgd ZOP, Room 0249 Blgd ZOP, Room 0249 (LAB)	Kent, B	

BMGT**BUSINESS AND MANAGEMENT
(BUSINESS AND MANAGEMENT)****BMGT 110 Introduction to Business and Management**

3 credits. Grading Method REG/P-F/AUD
Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.

0101	MW 6:40pm-10:00pm	Blgd TYD, Room 1128	Corsi, T
0201	MTuWThF 9:30am-10:50am	Blgd TYD, Room 1140	STAFF

BMGT 220 Principles of Accounting I 3 credits. Grading Method REG

Sophomore standing
A survey of the field of business, including its environment, organization, overall and functional management, and characteristics and development.

0101	MTuWThF 8:00am-9:20am	Blgd TYD, Room 1140	Loeb, M
0102	MTuWThF 9:30am-10:50am	Blgd TYD, Room 1128	Loeb, M
0103	TuTh 6:40pm-10:00pm	Blgd TYD, Room 0101	STAFF
0201	MTuWThF 9:30am-10:50am	Blgd TYD, Room 1128	STAFF
0202	TuTh 6:40pm-10:00pm	Blgd TYD, Room 1108	STAFF

Study of the basic principles of accounting for business enterprises.

BMGT 221 Principles of Accounting II 3 credits. Grading Method REG

Prerequisite: BMGT 220
Continuation of BMGT 221
Business Statistics 3 credits. Grading Method REG
Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URRS 350, or TEXT 400.

0101	MTuWThF 11:00am-12:20pm	Blgd TYD, Room 0102	Widhelm, W
0102	MTuWThF 12:30pm-5:00pm	Blgd TYD, Room 0117	Widhelm, W
0201	MTuWThF 9:30am-10:50am	Blgd TYD, Room 1108	STAFF
0202	MW 6:40pm-10:00pm	Blgd TYD, Room 2109	STAFF

Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic, decision-making, probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression, decision theory and the application of these concepts to problem solving in business and management. This course does not meet requirements for management science and statistics major.

BMGT 231 Statistical Models For Business 3 credits. Grading Method REG

Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400.

0101	TuTh 2:00pm-5:20pm	Blgd TYD, Room 1108	Assad, A
------	--------------------	---------------------	----------

An introductory course in statistical concepts including probability from a rare-set theory approach, random variables and their properties, and the probability distributions of selected discrete and continuous random variables. The concepts of sampling, sampling distributions, and the application of these concepts to estimation and hypothesis testing are included as are brief surveys of the use of analysis of variance.

BMGT 301 Introduction to Data Processing 3 credits. Grading Method REG

The fundamentals of business data processing. Organizational, environmental and managerial aspects of computer systems. Heavy emphasis on COBOL language. Limited coverage of other business computing languages including the report generator (RPG) language. Several programming projects assigned.

0101	MTuWThF 11:00am-12:20pm	Blgd TYD, Room 0117	STAFF
0102	MW 3:00pm-6:20pm	Blgd TYD, Room 2109	STAFF
0103	MW 6:40pm-10:00pm	Blgd TYD, Room 2106	STAFF
0201	MW 3:00pm-6:20pm	Blgd TYD, Room 1140	STAFF
0202	MW 6:40pm-10:00pm	Blgd TYD, Room 2108	STAFF
0203	TuTh 6:40pm-10:00pm	Blgd TYD, Room 0117	STAFF

Prerequisite: BMGT 301
Advanced concepts and tools necessary for the construction of computer based information systems. Operating systems, data and storage structures, file processing and advanced features of the COBOL language. Techniques related to the overall development of software projects including project management, software design, engineering and software documentation. Several programming projects assigned.

Prerequisite: BMGT 221
Comprehensive analysis of financial accounting topics related to financial statement preparation and external reporting.

Prerequisite: BMGT 221
Comprehensive analysis of financial accounting topics related to financial statement preparation and external reporting.

BMGT continued**BMGT 323 Income Tax Accounting 3 credits. Grading Method REG**

Prerequisite: BMGT 221
Introduction to federal income taxation of individuals. Examination of tax laws by use of illustrative examples and problems.

0101	MTuWThF 9:30am-10:50am	Blgd TYD, Room 1101	LeClere, M
0201	MW 6:40pm-10:00pm	Blgd TYD, Room 0111	STAFF

BMGT 326 Accounting Systems 3 credits. Grading Method REG

Prerequisites: BMGT 301, and BMGT 321
A study of the control aspects of accounting systems. Topics include: standard setting, administrative, operational, accounting, controls, cost effectiveness of systems, audit implications of a computer-based information environment.

0101	TuTh 6:40pm-10:00pm	Blgd TYD, Room 1101	Kandelin, N
------	---------------------	---------------------	-------------

Prerequisite: BMGT 230
Surveys the philosophy, techniques, and applications of operations research to managerial decision making. The course is designed primarily for students not majoring in management science or statistics. Techniques covered include linear programming, transportation and assignment models, Markov processes, inventory and queuing models. Emphasis is placed on formulating and solving decision problems in the functional areas of management.

BMGT 340 Business Finance 3 credits. Grading Method REG

Prerequisites: BMGT 221, and BMGT 230 or BMGT 231
An introductory course in the field of marketing. Its purpose is to give a general understanding and appreciation of the forces operating, institutions employed, and methods followed in marketing cultural products, natural products, services, and manufactured goods.

0101	MTuWThF 9:30am-10:50am	Blgd TYD, Room 0102	STAFF
0102	MW 6:40pm-10:00pm	Blgd TYD, Room 1101	STAFF
0103	TuTh 6:40pm-10:00pm	Blgd TYD, Room 0102	STAFF
0104	MTuWThF 11:00am-9:20am	Blgd TYD, Room 0108	Byun, J
0201	MTuWThF 8:00am-12:20pm	Blgd TYD, Room 2111	Chen, S
0202	MW 6:40pm-10:00pm	Blgd TYD, Room 1114	STAFF
0203	TuTh 6:40pm-10:00pm	Blgd TYD, Room 1140	STAFF

The principles and practices involved in the organization, financing, and rehabilitation of business enterprises, the various types of securities and their use in raising funds, appraising income risk, and control, intercorporate relations, and new developments. Emphasis on solution of problems of financial policy, faced by management.

BMGT 343 Investments 3 credits. Grading Method REG

Prerequisite: BMGT 340
An introduction to financial investments. Topics include securities and securities markets, investment risks, returns, and constraints, portfolio policies, and institutional investment policies.

BMGT 350 Marketing Principles and Organization 3 credits. Grading Method REG

Prerequisite: ECON 203 or ECON 204
An introductory course in the field of marketing. Its purpose is to give a general understanding and appreciation of the forces operating, institutions employed, and methods followed in marketing cultural products, natural products, services, and manufactured goods.

0101	MTuWThF 9:30am-10:50am	Blgd TYD, Room 2109	Ali, A
0102	MTuWThF 11:00am-12:20pm	Blgd TYD, Room 2109	Ali, A
0103	MW 6:30pm-9:50pm	Blgd TYD, Room 2109	Dwyer, T
0104	TuTh 6:40pm-10:00pm	Blgd TYD, Room 2109	STAFF
0201	MTuWThF 11:00am-12:20pm	Blgd TYD, Room 1140	Sonagutta, S
0202	MW 6:30pm-9:50pm	Blgd TYD, Room 2106	STAFF
0203	TuTh 6:40pm-10:00pm	Blgd TYD, Room 1128	STAFF

An introductory course in the field of marketing. Its purpose is to give a general understanding and appreciation of the forces operating, institutions employed, and methods followed in marketing cultural products, natural products, services, and manufactured goods.

BMGT 353 Retail Management 3 credits. Grading Method REG

Prerequisites: BMGT 220, and BMGT 350
Retail store organization, location, layout and store policy; pricing policies; price lines, brands, credit policies; records as a guide to buying, purchasing methods; supervision of selling, training and supervision of retail sales force, and administrative problems.

BMGT 354 Promotion Management 3 credits. Grading Method REG

Prerequisite: BMGT 350
The use of advertising, personal selling, sales promotion, and other methods in marketing programs. Case studies in the use and coordination of demand stimulation methods, analysis and planning. Research, testing and statistical control of promotional activities.

BMGT 360 Human Resource Management 3 credits. Grading Method REG

The basic course in human resource management includes manpower planning, recruitment, selection, development, compensation, and appraisal of employees. Explores the impact of scientific management and unionism on these functions.

BMGT 362 Labor Relations 3 credits. Grading Method REG

A study of the development and methods of organized groups in industry with reference to the settlement of labor disputes. An economic and legal analysis of labor union and employer association activities, arbitration, mediation, and conciliation, collective bargaining, trade agreements, strikes, boycotts, lock-outs, company unions, employee representation, and injunctions.

BMGT 364 Management and Organization Theory 3 credits. Grading Method REG

The development of management and organization theories, nature of the management process and function and its future development. The role of the manager as an organizer and director, the communication process, goals and responsibilities.

Prerequisite: ECON 203, or ECON 205
A general course covering the five fields of transportation: their development, service, and regulation.

Prerequisite: ECON 203, or ECON 205
A general course covering the five fields of transportation: their development, service, and regulation.

Prerequisite: ECON 203, or ECON 205
A general course covering the five fields of transportation: their development, service, and regulation.

Prerequisite: ECON 203, or ECON 205
A general course covering the five fields of transportation: their development, service, and regulation.



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.

- 1.** **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.

- 2.** **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.

- 3.** **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 |
|------|-------------|--------------------|------------|

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

NON-DEGREE APPLICATION FOR GRADUATE ADMISSION

A non-refundable fee of U.S. \$26.00 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

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

G	R	A	D
---	---	---	---

SUMMER TERM 1992

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

_____ Visiting Graduate Institute

_____ Advanced Special Student (check one criterion)

_____ a. Bachelor Degree with 3.0 gpa

_____ b. Masters or Doctoral Degree

_____ c. Bachelor Degree (4 yrs out)

_____ d. Test Scores

Citizenship _____ U.S. _____ 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 _____

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 _____ (mddy) 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 _____

DEC DECDATE TERMDATE PROV1 ORIG1 CODER KEY

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? 1991? YES NO 1992? 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 _____

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? 1990? YES NO 1991? 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 at 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

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

Schedule Request Form

Summer Session I — Only — 1992

This form should be used for the *First* Summer Session only.
Mail-in registration requests must be postmarked by **May 22, 1992**. COMPLETE THE ENTIRE FORM. The top part of this form is a course request only.

STUDENT NAME (Print Last Name First)

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

SOCIAL SECURITY NO.

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

Were you registered at the University of Maryland College Park day campus: SPRING 1992 YES NO
IF NO, Please read Admission Information in this catalog

**ADVISOR'S STAMP
AND SIGNATURE**

MANDATORY FOR STUDENTS
ON ACADEMIC WARNING OR DISMISSAL

DAY PHONE NO. **TODAY'S DATE**

(9-5)

STUDENT'S SIGNATURE _____

COURSE REQUEST: Complete this part with information found in the Schedule of Classes Section of this catalog. See page 1 of this booklet for information on determining the session of a course. IF MAILING REQUEST, please provide alternate sections.

COURSE INFORMATION	EXAMPLE	ALTERNATE SECTION	Grading Method	GRADING METHODS ARE
MATH	110	0101	03	0102 R
COURSE PREFIX	COURSE NO	SUFFIX	SECTION NO	CREDIT
				R — Regular P — Pass/Fail A — Audit S — Satisfactory Fail

COURSE INFORMATION	COURSE 1	ALTERNATE SECTION	Grading Method	DEPARTMENT STAMP MANDATORY FOR COURSES NOTED BY PERMISSION ONLY
<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>
COURSE PREFIX	COURSE NO	SUFFIX	SECTION NO	CREDIT

COURSE INFORMATION	COURSE 2	ALTERNATE SECTION	Grading Method	DEPARTMENT STAMP MANDATORY FOR COURSES NOTED BY PERMISSION ONLY
<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>
COURSE PREFIX	COURSE NO	SUFFIX	SECTION NO	CREDIT

COURSE INFORMATION	COURSE 3	ALTERNATE SECTION	Grading Method	DEPARTMENT STAMP MANDATORY FOR COURSES NOTED BY PERMISSION ONLY
<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>
COURSE PREFIX	COURSE NO	SUFFIX	SECTION NO	CREDIT

ALL STUDENTS COMPLETE THIS SECTION: In the space below list the course(s) you have requested. The Registrations Office will record the action taken for each course in the space on the right marked "For Office Use Only," and will return this part of the form to you. Any course without a Registration Stamp was not received for the reason indicated to the right of the course. *The lower part of this form must be validated by the Registrations Office after payment is made. It is your proof of registration.*

SOCIAL SECURITY NO.	FOR OFFICE USE ONLY				
<input style="width: 30px;" type="text"/>	<input style="width: 100%; height: 100%;" type="text"/>				
<input style="width: 30px;" type="text"/>					
<input style="width: 30px;" type="text"/>					
<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>				
<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>				
<input style="width: 30px;" type="text"/>	<input style="width: 30px;" type="text"/>				
COURSE PREFIX	COURSE NO	SUFFIX	SECTION NO	CREDIT	ALTERNATE SECTION

THIS MUST BE COMPLETED BY ALL STUDENTS.

CHECK IF THIS IS A NEW ADDRESS

NAME
ADDRESS
CITY - STATE - ZIP

SOCIAL SECURITY NUMBER

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

Students who register and later decide not to attend Summer School at the University must *cancel* their registration prior to the first day of class. Failure to cancel a registration will result in financial obligation even though the student does not attend class.

S
S
I

Estimated Billing Form

1992
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. If you have any questions on this or your residence status, please call the Undergraduate Admissions Office, 314-8385 or the Graduate Admissions Office, 405-4198. 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 \$25.00 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 or 8 weeks residence, contact the Resident Life Assignments Office at (301) 314-2100. Attach the Residence Halls Agreement tear-off portion to the Schedule Request and Estimated Bill Form.
- If you wish to park on campus for the summer, refer to line 8. Parking permits must be picked up at the Department of Campus Parking on the campus. Note: UM students' permits 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's 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 1115 Lee Building
University of Maryland
College Park, Maryland 20742-5151

		ESTIMATED BILL FORM										AMOUNT	
Undergraduate Students		CREDIT HOURS											
		1	2	3	4	5	6	7	8	9	10		
1.	Tuition	122	244	366	488	610	732	854	976	1098	1220	\$	
2.	Non-Resident Undergraduate Fee (flat fee, not per cr. hr.)										\$25	\$	
Graduate Students		CREDIT HOURS											
		1	2	3	4	5	6	7	8				
3.	Resident Tuition	152	304	456	608	760	912	1064	1216				
4.	Non-Resident Tuition	271	542	813	1084	1355	1626	1897	2168				
5.	Mandatory Fees For All Students					Academic Services Fee					\$17.50	\$	17 50
						Recreation Fee					\$10	\$	10 00
						Health Fee					\$10	\$	10 00
						Auxiliary Facilities Fee					\$10	\$	10 00
						Building Services Fee					\$ 5	\$	5 00
6.	On-Campus Housing attach Residence Halls Agreement Form					Six Weeks					\$533.46	\$	
						Eight Week (must be at least 6 wk period)					\$711.28	\$	
8.	Campus Parking Fee: Campus Resident \$19; Commuter \$10 (choose one)											\$	
9.	Application Fee for New Students (non-refundable); Undergraduate \$30; Graduate \$40											\$	
10.	Special Fees (consult course listings)											\$	
11.	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

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

 MasterCard  VISA

Customer Account Number _____

Effective Date _____ Expiration Date _____

All tuition and fees subject to adjustment

Your Signature _____

Schedule Request Form

Summer Session II — Only — 1992

This form should be used for the Second Summer Session only. Mail-in registration requests must be postmarked by July 2, 1992. COMPLETE THE ENTIRE FORM. The top part of this form is a course request only.

STUDENT NAME (Print Last Name First)

SOCIAL SECURITY NO.

DAYPHONE NO. TODAY'S DATE

(9-5)

Were you registered at the University of Maryland College Park day campus: SPRING 1992 YES NO
IF NO: Please read Admission Information in this catalog.

ADVISOR'S STAMP
AND SIGNATURE

MANDATORY FOR STUDENTS
ON ACADEMIC WARNING OR DISMISSAL

STUDENT'S SIGNATURE

COURSE REQUEST: Complete this part with information found in the Schedule of Classes Section of this catalog. See page 1 of this booklet for information on determining the session of a course. IF MAILING REQUEST, please provide alternate sections.

COURSE INFORMATION					EXAMPLE	ALTERNATE SECTION	Grading Method	GRADING METHODS ARE	
<input type="text" value="M"/>	<input type="text" value="A"/>	<input type="text" value="T"/>	<input type="text" value="H"/>	<input type="text" value="0"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="text" value="R"/>	R — Regular P — Pass/Fail A — Audit S — Satisfactory Fail
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	SECTION NO.			

COURSE INFORMATION					COURSE 1	ALTERNATE SECTION	Grading Method	DEPARTMENT STAMP	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	MANDATORY FOR COURSES NOTED BY PERMISSION ONLY
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	SECTION NO.			

COURSE INFORMATION					COURSE 2	ALTERNATE SECTION	Grading Method	DEPARTMENT STAMP	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	MANDATORY FOR COURSES NOTED BY PERMISSION ONLY
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	SECTION NO.			

COURSE INFORMATION					COURSE 3	ALTERNATE SECTION	Grading Method	DEPARTMENT STAMP	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	MANDATORY FOR COURSES NOTED BY PERMISSION ONLY
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	SECTION NO.			

ALL STUDENTS COMPLETE THIS SECTION: In the space below list the course(s) you have requested. The Registrations Office will record the action taken for each course in the space on the right marked "For Office Use Only," and will return this part of the form to you. Any course without a Registration Stamp was not received for the reason indicated to the right of the course. The lower part of this form must be validated by the Registrations Office after payment is made. It is your proof of registration.

SOCIAL SECURITY NO.					FOR OFFICE USE ONLY							
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>				
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	ALTERNATE SECTION						
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>				
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	ALTERNATE SECTION						
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>	<input type="text"/>	<input type="text" value="0"/>	<input type="text" value="2"/>				
COURSE PREFIX	COURSE NO.		SUFFIX	SECTION NO.	CREDIT	ALTERNATE SECTION						

THIS MUST BE COMPLETED BY ALL STUDENTS.

CHECK IF THIS IS A NEW ADDRESS

NAME
ADDRESS
CITY - STATE - ZIP

SOCIAL SECURITY NUMBER

Students who register and later decide not to attend Summer School at the University must cancel their registration prior to the first day of class. Failure to cancel a registration will result in financial obligation even though the student does not attend class.

S
S
II

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. If you have any questions on this or your residence status, please call the Undergraduate Admissions Office, 314-8385 or the Graduate Admissions Office, 405-4198. 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 \$25.00 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 park on campus for the summer, refer to line 8. Parking stickers must be picked up at the Department of Campus Parking on the campus. Note: UM students' permit 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. 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's 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 1115 Lee Building
University of Maryland
College Park, Maryland 20742-5151**

		ESTIMATED BILL FORM										AMOUNT	
Undergraduate Students	CREDIT HOURS												
	1	2	3	4	5	6	7	8	9	10			
1.	Tuition	122	244	366	488	610	732	854	976	1098	1220	\$	
2.	Non-Resident Undergraduate Fee (flat fee, not per cr. hr.)										\$25	\$	
Graduate Students	CREDIT HOURS												
	1	2	3	4	5	6	7	8					
3.	Resident Tuition	152	304	456	608	760	912	1064	1216				
4.	Non-Resident Tuition	271	542	813	1084	1355	1626	1897	2168				
5.	Mandatory Fees For All Students					Academic Services Fee				\$17.50	\$	17	50
						Recreation Fee				\$10	\$	10	00
						Health Fee				\$10	\$	10	00
						Auxiliary Facilities Fee				\$10	\$	10	00
						Building Services Fee				\$ 5	\$	5	00
6.	On-Campus Housing (attach Residence Halls Agreement Form)					Six Weeks				\$533.46	\$		
						_____ Wks @ \$88.91/wk (must be at least 6 wk period)				\$			
8.	Campus Parking Fee: Campus Resident \$19; Commuter \$10 (choose one)											\$	
9.	Application Fee for New Students (non-refundable); Undergraduate \$30; Graduate \$40											\$	
10.	Special Fees (consult course listings)											\$	
11.	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.

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

MasterCard
 VISA

Customer Account Number _____

Effective Date _____ Expiration Date _____

All tuition and fees subject to adjustment

Your Signature _____

How To Reserve Student Life On-Campus Summer Housing

CAREFULLY REVIEW 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, print your age and the current date where requested. Do not complete the *Agreement* form if you will be working this summer for Student Life or Residential Facilities; separate procedures apply.

DETACH the *Agreement* form at the dashed line.

KEEP the text below for your records and information.

SUBMIT BY APRIL 24, the *Agreement* with payment in full, to the Office of the Bursar to receive priority consideration for your assignment preferences, including single rooms and "interim occupancy." The *Agreement* form and payment must be submitted together.

NOTICE of your assignment will be mailed to your local address, by Resident Life, 7-10 days before the start of summer session classes.

TERMS AND CONDITIONS OF ON-CAMPUS SUMMER HOUSING

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

I. PARAMETERS OF THE AGREEMENT

ELIGIBILITY. Individuals must be single students at the College Park Campus in order to be eligible and be assigned for the summer session housing. 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.

OCCUPANCY PERIODS. Housing may be requested for Session I only, Session II only, both Sessions I and II, and 8-week classes. In general, summer occupancy is available from May 31, 1992 to 7pm August 21, 1992 for Session I and II registrants; from May 31, 1992 to 7pm July 10, 1992 for Session I only registrants; from July 12, 1992 to 7pm August 21, 1992 for Session II only registrants; and from May 31, 1992 to 7pm July 24, 1992 for 8-week registrants. Other occupancy periods may be acceptable as determined by Resident Life.

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 student releases the University, its officers, agents and employees from any liability on account of any accident, injury, illness, property damage, theft, or loss. The University recommends that students obtain private insurance against such harm or loss.

II. UNIVERSITY SERVICES

The University will provide the following services on a continual basis, although interruptions may be necessitated by an act of God, an order of a University/civil authority, limited or restricted control or availability of resources as determined by the University, maintenance activities, or other condition that is reasonably beyond administrative control. Services are provided in accordance with standards and levels of services 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 amount of time.

The residential and telecommunication facilities are provided as services to students and are unique to the University environment. Therefore, the relationship between the student and the University is not a landlord/tenant relationship; rather this *Agreement* is a license to use certain facilities for a particular period of time.

ASSIGNMENT OF BUILDING AND ROOM. Resident Life does not discriminate in room or hall assignments 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.

Available accommodations normally are in apartments (include kitchen and dining area) and, if necessary, suites (no kitchens, no cooking permitted). 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 equitably as possible, all completed *Agreements* received with

payment in full to the Office of the Bursar by the published "priority" deadline will be submitted in a lottery drawing for building and room types. *Agreements* received after the "priority" deadline will be considered on a first-come, first-served basis for existing vacancies.

UTILITIES AND HOUSEKEEPING. The University will provide heat, water, electricity, and waste disposal services. The University will remove trash from designated areas and will clean common hallways and public areas on a scheduled basis.

FURNISHINGS. The University will provide to the resident: one bed, one mattress, one dresser and one desk and chair set. The University will provide each student room with a mirror, window shade or blinds, window screen, and smoke detector.

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

TELECOMMUNICATIONS. The University provides (at a standard, 6-week charge) telephone service for each resident. On-campus phone calls may be made by residents with no additional charge. Local and long distance service may be arranged by the student on a private basis, and additional charges for these services shall be paid for by the resident.

III. RESPONSIBILITIES OF RESIDENTS

CARE OF FACILITIES. (1) The resident accepts responsibility and agrees to be held accountable for his/her actions, for the actions of his/her guest(s), and for proper use and care of the residential facilities, assigned space, common areas, and University property. The resident also agrees to report promptly any interruptions of service or needed repairs.

(2) The resident agrees to take reasonable action to protect residential facilities and property from wanton, reckless or negligent damage; refrain from encouraging or participating in activities which cause damage; report damages; and assist the University in identifying individuals responsible for damage, theft or loss. (3) The resident, at the time of check-out from the residence hall, 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. (4) The resident assumes responsibility for the appropriate use of safety and security hardware (e.g., locks, smoke detector) within his/her assigned residence hall space and building, and will immediately report loss of assigned key(s) or malfunctioning hardware.

CONDUCT. (1) The resident shall conduct himself/herself in a manner which promotes a courteous, safe, and secure residence hall and dining environment. The resident understands that his/her behavior should be conducive to the pursuit of academic goals, as well as individual and community development and welfare. (2) The resident shall ensure that his/her roommate(s) will have access to and equitable use of the assigned space. (3) Rules and regulations are intended to promote the safety and well-being of residents. They include but are not limited to prohibitions against: cooking elements; flammable materials; weapons and fire-crackers; unauthorized modifications of assigned space; pets; duplication and transfer of University keys; disruptive/destructive behavior; behavior such as intimidation or harassment which threatens the property, safety, security, health, or well-being of others; improper use of fire/safety or building security equipment; and threats to or interference with University staff/the performance of their duties. Violation of rules and regulations can constitute grounds for termination of this *Agreement*. (4) When it is determined by Resident Life or Communication Services that a student has violated State or Federal laws and/or University rules and regulations, and when such conduct indicates that the student constitutes a threat to the safety, health, or well-being of community members or of himself/herself, disciplinary and/or administrative action, including termination of this *Agreement*, may be taken.

SUMMER 1992 RESIDENCE HALLS AGREEMENT

 FEMALE

 MALE

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

LAST NAME, FIRST NAME, MI

STUDENT ID No.

HOME ADDRESS
CITY
STATE
ZIP
HOME PHONE
Assignments - Summer Assignments are in New Leonardtown, fully-furnished and fully-equipped apartments with kitchens.

Are you a Graduate student? <input type="checkbox"/> Yes <input type="checkbox"/> No Do you want consideration for a single room? <input type="checkbox"/> Yes <input type="checkbox"/> No Do you smoke? <input type="checkbox"/> Yes <input type="checkbox"/> No Do you object to a roommate who smokes? <input type="checkbox"/> Yes <input type="checkbox"/> No Roommate Preference Name: _____ SID#: _____
DO YOU LIVE IN UMCP RESIDENCE HALLS NOW? <input type="checkbox"/> No <input type="checkbox"/> Yes _____ Room and Hall <input type="checkbox"/> Additional \$84.53 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 Assignments Office approval and according to "Interim Housing" procedures.

DATES OF OCCUPANCY/ PAYMENTS	
<input type="checkbox"/>	Session I only; May 31 - July 10 \$533.46 (\$507.18 housing + \$26.28 Telecom)
<input type="checkbox"/>	Session II only; July 12 - August 21 \$533.46 (\$507.18 housing + \$26.28 Telecom)
<input type="checkbox"/>	8-Week course; May 31 - July 24 \$711.28 (\$676.24 housing + \$35.04 Telecom)
<input type="checkbox"/>	Sessions I & II; May 31 - August 21 \$1,066.92 (\$1,014.36 housing + \$52.56 Telecom)
Note: If courses last fewer than 6 weeks, contact the Assignments Office at (301) 314-2100 or visit 2100 Annapolis Hall to make special housing arrangements.	

I understand that I am obligated to accept summer residence halls housing and resident telecommunication services upon Resident Life's receipt of this Agreement. I have read, understand and will abide by all Terms and Conditions of this Agreement.	
STUDENT SIGNATURE	
AGE	DATE
PARENT SIGNATURE (if student is under 18 years of age)	
FOR OFFICE USE	

USE OF/CHANGE OF ASSIGNED SPACE. (1) The resident agrees that a change of assignment may be made only with the written approval of Resident Life in accordance with established room change procedures. Requests which are based upon consideration of race, color, religion, or national origin cannot be honored. (2) The resident agrees: (a) to live only in the space to which he/she has been officially assigned; (b) not to sublet or otherwise use or grant use of the assigned space, residence hall common areas, or grounds for any unauthorized purpose; and (c) not to sell, solicit, or conduct a business enterprise therein without the written permission of Resident Life's Assignment Office. (3) 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. (4) When vacating an assigned space, the resident must complete established check-out procedures. (5) Resident Life reserves the right to move a resident from one space to another in order to: (a) meet its responsibilities to student health, safety, and well-being; (b) maintain, operate, or renovate facilities; (c) reassign rooms in a hall to students of the opposite sex; or (d) condense groups of residents for reasons of security or closing a portion of a residence hall. **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. Guest(s) must abide by established University/Resident Life regulations.

SAFETY AND SECURITY. The resident agrees to take primary responsibility for his/her own safety and security and for the safety and security of his/her residence hall community. The University and Resident Life will work cooperatively with residents to promote a safe and secure environment. The resident agrees to read and abide by security policies and precautions stated in University publications.

IV. ADMINISTRATIVE PROCEDURES

ROOMENTRY, INSPECTION, AND PROPERTY REMOVAL. (1) The University reserves the right to enter rooms for purposes of (a) improvements; (b) inspection and 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. (2) A resident's request for maintenance and repair constitutes his/her consent for room entry. While entry without notice may be necessary, attempts will be made to provide prior notification whenever feasible. (3) The University respects the resident's right to privacy within this/her room. When entry or inspection is required, reasonable consideration will be given. (4) The University reserves the right to remove and dispose of any personal property remaining in a room following (a) termination or expiration of this Agreement; (b) the resident's separation by/from the University, and/or (c) the date the resident officially checks out of the room. A charge for costs incurred by such removal may be assessed to the resident.

LIABILITY FOR DAMAGES. (1) The student will be assessed charges for damage, loss or special service due to misuse or abuse of his/her assigned space and the State property contained therein. When the assigned residence hall space is shared, and where the responsible student(s) fails to assume responsibility, an equal portion of the charges will be assessed to each occupant. (2) Individual(s) identified as being responsible for damage, theft, loss, or special service (whether intentional or negligent) in common areas of the residential facilities will be assessed the cost of repair, replacement or restoration. (3) When individual responsibility cannot be determined, and where deemed necessary by Resident Life, residents may be held collectively responsible for damage, theft, loss, or special service (e.g., cleaning) to the common areas or to University property within the residential facility.

RELEASE FROM AGREEMENT PRIOR TO CLAIMING SERVICES. The University will release an individual from this Agreement prior to the date services may be claimed, without the individual incurring any financial obligation, when written notice signed by the individual is received by Resident Life Assignments Office on or before May 11, 1992 for Session I* or June 22, 1992 for Session II. If notice is received after these dates, and before services are claimed at check-in (i.e., keys issued), the individual, regardless of his/her University status at the date of release from this Agreement, will be charged as follows:

NOTICE FOR SESSION I*		NOTICE FOR SESSION II	
BY	AMOUNT	BY	AMOUNT
May 11	\$ 0.00	June 22	\$ 0.00
May 12-18	\$84.53	June 23-29	\$84.53
May 19-25	\$169.06	June 30-July 6	\$169.06
May 26-Check-in	\$253.59	July 7-Check-in	\$253.59
No-show/No notice	\$253.59	No-show/No notice	\$253.59
to Resident Life		to Resident Life	

*8-week classes that begin on June 1 are subject to the same cancellation dates and fees as session I.

Requests for release from this Agreement must be made in writing and directed specifically to Resident Life Assignments Office, 2100 Annapolis Hall. **NOTICE TO ANY OTHER UNIVERSITY OFFICE WILL NOT INSURE RELEASE.**

FAILURE TO CLAIM SERVICES. When an individual (1) fails to properly claim the assigned space and has not secured release from this Agreement prior to the deadline for claiming services, or (2) fails to notify the Resident Life Assignments Office of delayed arrival by 12 noon on the first University-scheduled class day of the summer session (or within 72 hours of the receipt of assignment if assignment is made after the first class day), Resident Life will terminate this Agreement and the individual, regardless of his/her University status, will be charged an amount equal to three weeks' housing fees.

RELEASE AFTER CLAIMING SERVICES. Resident Life will release an individual from this Agreement after services are claimed without the individual incurring any financial obligation beyond charges associated with occupancy to date when Resident Life has received proof from the student of withdrawal from all summer sessions course work.

TERMINATION OF AGREEMENT. Resident Life may terminate this Agreement at any time and require the individual to forfeit the assigned space when (1) It is determined that information furnished by the individual or parent/guardian for the purpose of obtaining residence hall services is substantially incomplete, misleading, or false in whole or in part; (2) It is determined that an individual, for whatever reason, is not eligible to reside in the building; (3) It is determined that the student has violated housing rules, and may also be denied continued access to any University residential facility; (4) University facilities are found to be inadequate in number or physical condition; (5) An individual has failed to properly execute or complete all terms and conditions of a Residence Halls Agreement or had such Agreement terminated for disciplinary/behavioral reasons.

CREDITS AND REFUNDS. Release from this Agreement must be secured by Resident Life Assignments Office before any approved credit of housing or telecommunication fees may be initiated. Appropriate housing and telecommunication charges are assessed for services from the week during which services must be claimed through the week during which check-out is completed. Failure to check-out by the approved date will decrease the amount of credit. No credit is approved if check-out 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 Office of the Bursar.

BMGT continued

- BMGT 381 Business Law II 3 credits. Grading Method REG**
 Prerequisite: BMGT 380 or permission of department
 0101 MW 6 40pm-10 00pm Bldg TYD, Room 0117 Ostaff, D
 0201 MW 6 40pm-10 00pm Bldg TYD, Room 0117 Ostaff, D
- The Uniform Commercial Code including sales, commercial paper, secured transactions, bulk sales and documentations. The law of partnerships and corporations. Reorganization and liquidation under the Bankruptcy Laws. The law of real property, landlord and tenant relationships and decedents' estates
- BMGT 392 Introduction to International Business Management 3 credits. Grading Method REG**
 Prerequisite: ECON 203, or ECON 205
 0101 MTuWThF 12 30pm-1 50pm Bldg TYD, Room 1108 Jan, V
- A study of the domestic and foreign environmental factors affecting the international operations of U.S. business firms. The course also covers the administrative aspects of international marketing, finance and management
- BMGT 398 Individual Study in Business and Management 1-3 credits. Grading Method REG**
 Permission of department required
 0101 Time Arranged Room Arranged STAFF STAFF
 0201 Time Arranged Room Arranged STAFF STAFF
- BMGT 402 Database Systems 3 credits. Grading Method REG**
 Prerequisite: BMGT 301
 0101 TuTh 3 00pm-6 20pm Bldg TYD, Room 2108 STAFF
- Introduction to basic concepts of database management systems. Relational databases, query languages and design will be covered. File-processing techniques are examined
- BMGT 403 Systems Analysis and Design 3 credits. Grading Method REG**
 Prerequisite: BMGT 301
 0201 MW 3 00pm-6 20pm Bldg TYD, Room 0111 STAFF
- Techniques and tools applicable to the analysis and design of computer-based information systems. System life cycle, requirements analysis, logical design of data bases, performance evaluation. Emphasis on case studies. Project required that involves the design, analysis and implementation of an information system
- BMGT 417 Advanced Tax Accounting 3 credits. Grading Method REG**
 Prerequisites: BMGT 311, and BMGT 323
 0201 MTuWThF 11 00am-12 20pm Bldg TYD, Room 2109 STAFF
- Federal taxation of corporations, partnerships, fiduciaries, and gratuitous transfers. Tools and techniques of tax research for complete planning
- BMGT 420 Undergraduate Accounting Seminar 3 credits. Grading Method REG**
 Prerequisite: senior standing as an accounting major or permission of department
 0101 MW 6 40pm-10 00pm Bldg TYD, Room 1108 Loeb, S
- Enrollment limited to upper-third-of senior class. Seminar coverage of outstanding current non-text literature, current problems and case studies in accounting
- BMGT 422 Auditing Theory and Practice 3 credits. Grading Method REG**
 Prerequisite: BMGT 311
 0101 TuTh 6 40pm-10 00pm Bldg TYD, Room 2106 STAFF
- A study of the independent accountant's ethical and professional responsibilities, accepted auditing standards, compliance and substantive tests, and report forms and opinions
- BMGT 424 Advanced Accounting 3 credits. Grading Method REG**
 Prerequisite: BMGT 311
 0101 MTuWThF 8 00am-9 20am Bldg TYD, Room 1108 Rymer, V
- Advanced accounting topics applied to specialized topics and current problems. Emphasis on consolidated statements and partnership accounting
- BMGT 435 Introduction to Applied Probability Models 3 credits. Grading Method REG**
 Prerequisite: BMGT 231 or permission of department
 0101 MW 2 00pm-5 20pm Bldg TYD, Room 0111 Bodin, L
- Statistical models in management. Review of probability theory, Monte Carlo methods, discrete event simulation, Markov chains, queueing analysis, other topics depending upon time. Carry, a higher-level computer language, will be introduced in the class and the students will carry out various exercises using this language
- BMGT 440 Financial Management 3 credits. Grading Method REG**
 Prerequisite: BMGT 340
 0101 TuTh 6 40pm-10 00pm Bldg KEY, Room 0103 Gaffey, M
 0201 MW 6 40pm-10 00pm Bldg TYD, Room 1128 STAFF
- Analysis and discussion of cases and realties relating to financial decisions of the firm. The application of financing techniques to the solution of financial problems is emphasized
- BMGT 446 International Finance 3 credits. Grading Method REG/F-AUD**
 Prerequisite: BMGT 340
 0201 TuTh 6 40pm-10 00pm Bldg TYD, Room 2111 Euh, C
- Financial management from the perspective of the multinational corporation. Topics covered include the organization and functions of foreign exchange and international capital markets, international capital budgeting, financing foreign trade and designing a global financing strategy. Emphasis of the course is on how to manage exchange and political risks while maximizing benefits from global opportunities served by the firm
- BMGT 451 Consumer Analysis 3 credits. Grading Method REG**
 Prerequisite: BMGT 350 Recommended PSYC 100, and PSYC 221 Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or MNEC 437
 0101 MTuWThF 9 30am-10 50am Bldg TYD, Room 1118 Durand, R
- American consumers in the marketing system. Underlying consumer behavior such as economic, social, psychological and cultural factors. Analysis of consumers in marketing situations - as a buyer and user of products and services - and in relation to the various individual social and marketing factors affecting their behavior. The influence of marketing communications is also considered
- BMGT 452 Marketing Research Methods 3 credits. Grading Method REG**
 Prerequisites: BMGT 230, and BMGT 451. Formerly BMGT 450
 0101 MTuWThF 9 30am-10 50pm Bldg TYD, Room 2100 Seshadri, S
 0201 MTuWThF 9 30am-10 50pm Bldg TYD, Room 2108 STAFF
- Develops skills in the use of scientific methods in the acquisition, analysis and interpretation of marketing data. It covers the specialized fields of marketing research, the planning of survey projects, sample design, tabulation procedure and report preparation
- BMGT 454 International Marketing 3 credits. Grading Method REG**
 Prerequisite: BMGT 350 plus one other marketing course
 0101 MTuWThF 11 00am-12 20pm Bldg TYD, Room 1118 Greer, T
- Marketing functions from the international executive's viewpoint, including coverage of international marketing policies relating to product, advertising and promotion, distribution networks of distribution, pricing, communications, and cost analysis. Consideration is given to the cultural, legal, financial, and organizational aspects of international marketing
- BMGT 457 Marketing Policies and Strategies 3 credits. Grading Method REG**
 Prerequisite: BMGT 452
 0101 MTuWThF 9 30am-10 50am Bldg TYD, Room 0111 Beהל, G
 0201 MTuWThF 9 30am-10 50am Bldg TYD, Room 2106 Senigupta, S
- Integrative decision making in marketing. Emphasis on consumer and market analysis and the appropriate decision model. Case studies are included
- BMGT 464 Organizational Behavior 3 credits. Grading Method REG**
 Prerequisite: BMGT 364
 0101 MW 6 40pm-10 00pm Bldg TYD, Room 2108 Locke, E
- An examination of research and theory concerning the forces which contribute to the behavior of organizational members. Topics covered include work group behavior, supervisory behavior, interpersonal relationships, employee goals and attitudes, communication problems, organizational change, and organizational goals and design

BMGT continued

- BMGT 476 Applied Computer Models in Transportation and Logistics 3 credits. Grading Method REG**
 Prerequisites: BMGT 370, and BMGT 372
 0101 MTuWThF 11 00am-12 20pm Bldg TYD, Room 2100 Dresner, M
- Introduction to the application of computer software in the transportation and logistics fields. Applications of particular relevance to carrier and shipper issues in a deregulated environment
- BMGT 495 Business Policies 3 credits. Grading Method REG**
 Prerequisites: BMGT 340, and BMGT 350, and BMGT 364 BMGT majors only. All others must have authorization
 0101 TuTh 3 00pm-6 20pm Bldg TYD, Room 1118 Gannon, M
 0102 TuTh 6 40pm-10 00pm Bldg TYD, Room 1118 Gannon, M
 0201 MTuWThF 9 30am-10 50am Bldg TYD, Room 1118 Haslem, J
 0202 MTuWThF 9 30am-12 00pm Bldg TYD, Room 1118 Haslem, J
 0203 TuTh 6 40pm-10 00pm Bldg TYD, Room 2108 STAFF
- A case study course where students apply what they have learned of general management principles and their specialized functional applications to the overall management function in the enterprise
- BMGT 501 Business Functions 4 credits. Grading Method REG**
 0101 MW 5 30pm-10 00pm Bldg TYD, Room 1136 STAFF
- Intensive review of marketing and finance functions in the business enterprise. Credit not applicable to graduate degrees
- BMGT 505 Organizational Behavior and Strategic Management 3 credits. Grading Method REG**
 0201 MW 6 40pm-10 00pm Bldg TYD, Room 1136 STAFF
- Intensive review of organizational behavior theory, and administrative processes and policy in the business enterprise. Credit not applicable to graduate degrees
- BMGT 630 Managerial Statistics I 3 credits. Grading Method REG**
 0101 TuTh 6 40pm-10 00pm Bldg TYD, Room 2110 Girmshaw, S
 0102 TuTh 6 40pm-10 00pm Bldg TYD, Room 2110 Alt, F
 0201 TuTh 6 40pm-10 00pm Bldg TYD, Room 1140 Alt, F
- Application of statistical concepts to solution of business problems, laboratory use of computer packages
- BMGT 660 Management and Organizational Behavior 3 credits. Grading Method REG/AUD**
 0201 TuTh 6 40pm-10 00pm Bldg TYD, Room 1102 Taylor, M
- The influence of the behavioral sciences on the theory and practice of management. Motivation, leadership, and international styles of management
- BMGT 661 Human Resource Management 3 credits. Grading Method REG**
 0101 TuTh 6 40pm-10 00pm Bldg TYD, Room 2100 Olan, J
 0202 MW 6 40pm-10 00pm Bldg TYD, Room 2100 Carroll Jr, S
- The human resource function in organizations. Human resource planning, procurement and selection, training and development, performance appraisal, wage and salary administration, and equal employment opportunity
- BMGT 670 Economic Environment 3 credits. Grading Method REG**
 0101 TuTh 6 40pm-10 00pm Bldg TYD, Room 2111 Windle, R
 0201 TuTh 6 40pm-10 00pm Bldg TYD, Room 0102 Fanara Jr, P
 0202 MW 6 40pm-10 00pm Bldg TYD, Room 1118 STAFF
- The macroeconomic environment and its impact on the business enterprise. Nature of economic fluctuations; analysis of consumer spending theory, and analysis of investment spending, supply and demand for money and capital, modern macroeconomic theory, international problems, forecasting and an analysis of economic conditions
- BMGT 672 Physical Distribution Management 3 credits. Grading Method REG**
 0101 MW 6 40pm-10 00pm Bldg TYD, Room 2110 Girmm, C
 0201 MW 6 40pm-10 00pm Bldg TYD, Room 1132 STAFF
- Managerial decisions required to fulfill the physical movement needs of extractive, manufacturing, and merchandising firms. The total cost approach to physical distribution. Interrelations among purchased transport services, privately-supplied transport services, warehousing, inventory control, materials handling, packaging, and plant location. The communications network management function and other functional areas within the business firm, such as accounting, finance, marketing, and production
- BMGT 680 Business and Public Policy 3 credits. Grading Method REG/AUD**
 Permission of department required. Prerequisite: BMGT 670
 0101 MW 6 40pm-10 00pm Bldg TYD, Room 0102 Stockdale, D
- Survey of conceptual and legal aspects of the business-environment relationship, nature of public policy, major historic and current policy issues, business role in the policy process, development and managing corporate social policy and impact, special problems of the multinational corporation
- BMGT 690 Strategic Management 3 credits. Grading Method REG**
 Permission of department required. Prerequisites: permission of department, and completion of all other MBA core courses before registering for this course
 0101 MW 6 40pm-10 00pm Bldg TYD, Room 1118 Smith, K
 0102 MW 6 40pm-10 00pm Bldg TYD, Room 1102 Smith, K
 0201 TuTh 6 40pm-10 00pm Bldg TYD, Room 1101 Gupta, A
- Case studies and research in the identification of management problems, the evaluation of alternative solutions, and the recommendation for management implementation
- BMGT 711 Advanced Managerial Accounting 3 credits. Grading Method REG/AUD**
 Permission of department required. Prerequisites: permission of department, and completion of all first year MBA courses before registering for this course
 0101 TuTh 6 40pm-10 00pm Bldg TYD, Room 0111 Gordon, L
- Study of advanced topics such as residual income, transfer pricing, inflation, indifference, break-even analysis, differential cost accounting, statistical significance of standard cost variance, cost analysis and pricing decisions, distribution cost accounting, accounting data and managerial incentive contracts, and decision support systems for capital budgeting
- BMGT 721 File Processing and Database Systems 3 credits. Grading Method REG/AUD**
 Permission of department required. Prerequisite: permission of department
 0101 TuTh 6 40pm-10 00pm Bldg TYD, Room 1108 STAFF
- Concepts and techniques for structuring data on secondary storage devices. Experience in the use of these techniques. The basic data structures necessary for these techniques. Typical file processing applications
- BMGT 726 Distributed Data Processing 3 credits. Grading Method REG/AUD**
 Permission of department required. Prerequisite: BMGT 620, or BMGT 721
 0201 MW 6 40pm-10 00pm Bldg TYD, Room 1108 STAFF
- Introduction to distributed data processing concepts. The building blocks of distributed systems: computers, terminals, and communications, the interface and protocols that allow them to function as an integrated system. Major categories of distributed systems: resource-sharing networks, multiple-processors networks, and tightly coupled multiprocessors
- BMGT 733 Managerial Statistics II 3 credits. Grading Method REG/AUD**
 Permission of department required. Prerequisite: BMGT 630 or equivalent
 0201 MW 6 40pm-10 00pm Bldg TYD, Room 1140 Girmshaw, S
- Coverage of multiple regression, multiple correlation, analysis of variance and experimental design
- BMGT 741 Advanced Financial Management 3 credits. Grading Method REG**
 Permission of department required. Prerequisite: BMGT 340
 0201 TuTh 6 40pm-10 00pm Bldg TYD, Room 2102 Chen, S
- Concepts underlying financial decision making in the firm. Case studies, model building and applications in financial theory and management

BMGT continued

BMGT 743 Investment Management 3 credits, Grading Method REG		Permission of department required. Prerequisite: BMGT 640	
0101	MW 6:40pm-10:00pm	Bldg TYD, Room 2102	Eun, C
Methods of securities 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		Permission of department required. Prerequisite: BMGT 650	
0101	TuTh 6:30pm-9:50pm	Bldg TYD, Room 2102	Greer, T
Environmental, organizational, and financial aspects of international marketing as well as problems of marketing research, pricing, channels of distribution, product policy, and communication which relate U.S. firms trading with foreign firms or which face foreign firms in their operations.			
BMGT 754 Buyer Behavior Analysis 3 credits, Grading Method REG/AUD		Permission of department required. Prerequisite: BMGT 650	
0201	MW 6:30pm-9:50pm	Bldg TYD, Room 2102	STAFF
A systematic examination and evaluation of the literature, research, and radiation of buyer behavior placed from a fundamental and applied perspective. The cognitive and behavioral bases underlying the buying process of individuals and institutions.			
BMGT 776 Management of High Technology, Research and Development 3 credits, Grading Method REG/AUD		Permission of department required	
0101	TuTh 6:30pm-9:50pm	Bldg HYD, Room 2140	Scheraga, C
The creation of competitive advantages through the use of new technology. The integration of technological strategy with business strategy within the internal corporate culture. Research and development in the context of this strategy. Structures of the firm. The nature of R and D, the management of creativity, and new product development are also discussed.			
BMGT 780 New Venture Creation 3 credits, Grading Method REG/AUD		Permission of department required. Prerequisite: completion of MBA core requirements or permission of department	
0201	MW 6:40pm-10:00pm	Bldg TYD, Room 2140	STAFF
Creating new ventures, including evaluating the entrepreneurial team, the opportunity and financing requirements. Skills, concepts, attitudes and know-how relevant for creating and building a venture, and preparation of a business plan. These approaches are not limited to new or growing enterprises.			
BMGT 791 MBA Field Project 3 credits, Grading Method REG		Permission of department required. Prerequisite: permission of department. Total Enterprise Strategy - Management Practicum	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
Experiential research project in the identification of management problems, the evaluation of alternative solutions, and the recommendation for management.			
BMGT 798A Special Topics in Business and Management: Advanced Logistics 3 credits, Grading Method REG/AUD		Permission of department required	
0101	TuTh 6:40pm-10:00pm	Bldg TYD, Room 1136	STAFF
BMGT 798B Special Topics in Business and Management: Strategic Marketing 3 credits, Grading Method REG		Permission of department required	
0101	MW 6:30pm-9:50pm	Bldg TYD, Room 2111	Behal, G
BMGT 798C Special Topics in Business and Management: Multinational Management Computer Simulation Game 3 credits, Grading Method REG/AUD		Permission of department required	
0101	MW 6:30pm-9:50pm	Bldg TYD, Room 2100	Scheraga, C
BMGT 798G Special Topics in Business and Management: Executive Power and Negotiation 3 credits, Grading Method REG		Permission of department required	
0101	MW 6:40pm-10:00pm	Bldg TYD, Room 2140	Taylor, M
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 1-2 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
BMGT 899 Doctoral Dissertation Research 1-6 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**BOTANY
(LIFE SCIENCES)**

BOTN 104 Plant Biology for Non-Science Students 3 credits, Grading Method REG/P-FAUD		Restriction to students who have completed BIOL 105	
Formerly BOTN 100. Approved CORE Distributive Studies Life Science laboratory course only when taken concurrently with BOTN 105. Approved USP Distributive Studies Area B Natural Sciences and Mathematics course. If taken concurrently with BOTN 105, course may be counted as USP Area B lab science course.			
0101	MTuWThF 8:00am-9:20am	Bldg HJP, Room 2242	Koines, P
0201	MTuWThF 8:00am-9:20am	Bldg HJP, Room 2242	Browning, J
A basic course in plant biology specifically designed for the non-science student. Emphasis is placed on an evolutionary and ecological approach to study fundamental concepts and processes of plants, their place in the biosphere, the importance of plants to man, and the manner in which humans impact on plants and their environment. This course will not count toward graduation requirements for any student in the College of Life Sciences or the College of Agriculture.			
BOTN 105 Laboratory in Plant Biology 1 credit, Grading Method REG/P-FAUD		Pre- or corequisite: BOTN 104. For non-science majors only. Approved CORE Distributive Studies Life Science laboratory course only when taken concurrently with BOTN 104.	
0101	TuWTh 9:30am-12:30pm	Bldg HJP, Room 3104 (LAB)	Koines, P
0101	TuWTh 9:30am-12:30pm	Bldg HJP, Room 3104 (LAB)	Browning, J
Laboratory investigations for the non-science student into the processes and functions of plants, their evolution, adaptations, and ecological roles. This course will not count toward graduation requirements for any student in the College of Life Sciences or the College of Agriculture.			
BOTN 211 Ecology and Mankind 3 credits, Grading Method REG/P-FAUD		CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course	
0101	MTuWTh 10:00am-11:50am	Bldg HJP, Room 2242	Berg, L
Basic ecological principles as they relate to the ecological dilemmas of overpopulation, pollution, increasing consumption of natural resources, and deteriorating land use ethics facing mankind today.			

BOTN continued

BOTN 399 Research Problems in Botany 1-3 credits, Grading Method REG/P-FAUD		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-FAUD		Prerequisite: BIOL 105 and CHEM 104	
0101	MW 4:15pm-7:00pm	Bldg HJP, Room 2242	Lockard, J
A study of plants important to humans that has medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.			
BOTN 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
BOTN 899 Doctoral Dissertation Research 1-6 credits, Grading Method REG		Permission of department required	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

BSOS**BEHAVIORAL AND SOCIAL SCIENCES
(BEHAVIORAL AND SOCIAL SCIENCES)**

BSOS 386 Experiential Learning 6 credits, Grading Method REG/P-F		Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours	
0101	Time Arranged	Room Arranged	Beardeley, K
0102	Time Arranged	Room Arranged	Sorenson, G
0201	Time Arranged	Room Arranged	Sorenson, G

CHEM**CHEMISTRY
(LIFE SCIENCES)**

CHEM 103 General Chemistry I 4 credits, Grading Method REG/P-FAUD		CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Recommended: CHEM 201 or placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143. Discussion and laboratory meeting times will be arranged between 8:00am and 10:50am Monday through Friday.	
0131	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1410 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0132	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1410 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0133	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1410 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0134	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1410 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0231	MTuWThF 11:00am-12:20pm	Bldg CHM, Room 1402 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0232	MTuWThF 11:00am-12:20pm	Bldg CHM, Room 1402 Room Arranged (LAB) Room Arranged (DIS)	STAFF
The last semester of a chemistry sequence intended for students whose curricula require a year or more of chemistry. The nature and composition of matter, chemical calculations, elements and inorganic compounds.			
CHEM 104 Fundamentals of Organic and Biochemistry 4 credits, Grading Method REG/P-FAUD		CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 104 and CHEM 233 (or CHEM 235). Discussion and laboratory meeting times will be arranged between 8:00am and 10:50am Monday through Friday.	
0261	MTuWThF 11:00am-12:20pm	Bldg CLB, Room 0111 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0262	MTuWThF 11:00am-12:20pm	Bldg CLB, Room 0111 Room Arranged (LAB) Room Arranged (DIS)	STAFF
Intended for students whose curricula require one year of chemistry. Students requiring two or more years of chemistry should register for CHEM 233 or CHEM 235. The chemistry of carbon: aliphatic compounds, aromatic compounds, stereochemistry, halides, amines, and amides, acids, esters, carbohydrates, and natural products.			
CHEM 113 General Chemistry II 4 credits, Grading Method REG/P-FAUD		CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. Discussion and laboratory meeting times will be arranged between 8:00am and 10:50am Monday through Friday.	
0141	MTuWThF 11:00am-12:20pm	Bldg CHM, Room 1402 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0142	MTuWThF 11:00am-12:20pm	Bldg CHM, Room 1402 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0241	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1412 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0242	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1412 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0243	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1412 Room Arranged (LAB) Room Arranged (DIS)	STAFF
0244	MTuWThF 11:00am-12:20pm	Bldg PHY, Room 1412 Room Arranged (LAB) Room Arranged (DIS)	STAFF
kinetics, homogeneous, heterogeneous, and non-equilibrium, oxidation-reduction, electrochemistry, chemistry of the elements.			

CHEM continued

CHEM 233 Organic Chemistry I 4 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CHEM 119 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 243. Discussion and laboratory meeting times will be arranged between 8:00am and 10:50am Monday through Friday.

0171	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	
0172	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	
0173	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	
0174	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	

The Chemistry of carbon: aliphatic compounds, aromatic compounds, stereochemistry, alenes, halides, alcohols, esters, and spectroscopy.

CHEM 243 Organic Chemistry II 4 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CHEM 233. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. Discussion and laboratory meeting times will be arranged between 8:00am and 10:50am or 1:30pm and 4:20pm Monday through Friday.

0281	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	
0282	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	
0283	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	
0285	MTuWThF 11:00am-12:20pm	Bldg. CHM, Room 1407	STAFF
	Time Arranged	Room Arranged (LAB)	
	Time Arranged	Room Arranged (DIS)	

A continuation of CHEM 233 with emphasis on molecular structure, substitution reactions, carbonyl compounds, aromatic synthesis, processes, macro-molecules.

CHEM 398 Special Projects 2 credits. *Grading Method: REG/P-F/AUD*
 Permission of department required.

0101	Time Arranged	Room Arranged	STAFF
------	---------------	---------------	-------

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. Harwood before registration.

0101	Time Arranged	Room Arranged	STAFF
	Time Arranged	Room Arranged	STAFF

CHEM 481 Physical Chemistry I 3 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CHEM 113 or CHEM 153, and MATH 141, and PHYS 142

0101	Meets JUN 1 to JUL 24		
	MTuThF 8:00am-9:20am	Bldg. CHM, Room 1402	STAFF

A course primarily for chemists and chemical engineers.

CHEM 482 Physical Chemistry II 3 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CHEM 481

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

A course primarily for chemists and chemical engineers.

CHEM 699 Special Problems in Chemistry 1-6 credits. *Grading Method: REG/AUD*
 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

CHIN

CHINESE (ARTS AND HUMANITIES)

CHIN 101 Intensive Elementary Chinese I 6 credits. *Grading Method: REG/P-F/AUD*
 USP Distributive Studies Area A. Cultural and Historical Course. Non-majors admitted only after a placement interview. Arrange for placement interview with Dr. Tsung Chin.

0101	MTuWThF 9:30am-12:20pm	Bldg. JMZ, Room 3207	Brown, W
------	------------------------	----------------------	----------

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/AUD*
 USP Distributive Studies Area A. Cultural and Historical Course. Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview.

0201	MTuWThF 9:30am-10:50am	Bldg. KEY, Room 1105	Sun, Y
------	------------------------	----------------------	--------

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/AUD*
 USP Distributive Studies Area A. Cultural and Historical Course. Prerequisite: CHIN 101 or equivalent. Non-majors admitted only after a placement interview.

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

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

CHPH

CHEMICAL PHYSICS (COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

CHPH 799 Master's Thesis Research 1-6 credits. *Grading Method: REG*
 0101 Time Arranged Room Arranged STAFF

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 (BEHAVIORAL AND SOCIAL SCIENCES)

CJUS 100 Introduction to Law Enforcement 3 credits. *Grading Method: REG/P-F/AUD*
 USP Distributive Studies Area D. Social and Behavioral Sciences Course.

0101	MTuWThF 9:30am-10:50am	Bldg. LEF, Room 1221	Freeman, R
0201	MTuWThF 11:00am-12:20pm	Bldg. TYD, Room 1102	Freeman, R

CJUS continued

Introduction to the administration of criminal justice in a democratic society with emphasis on 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, discipline, policy for mitigation.

CJUS 230 Criminal Law in Action 3 credits. *Grading Method: REG/P-F/AUD*
 0101 MTuWThF 9:30am-10:50am Bldg. LEF, Room 1221 Russell, K
 Law as one of the methods of social control. Criminal Law: its nature, sources and types, theories and historical developments. Behavioral and legal aspects of criminal acts. Classification and analysis of selected criminal offenses.

CJUS 234 Law of Criminal Investigation 3 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CJUS 230
 0201 MTuWThF 9:30am-10:50am Bldg. LEF, Room 1201 Russell, K
 General principles and theories of criminal procedure. Due process. Arrest, search and seizure. Recent developments. Study and evaluation of evidence.

CJUS 300 Criminological and Criminal Justice Research Methods 3 credits. *Grading Method: REG*
 Prerequisite: CJUS 100, and CRIM 220, and one of the following: SOCY 201, PSYC 200, ECON 321, EMGT 230, EDMS 451, or GVPT 422
 0101 MTuWThF 9:30am-10:50am Bldg. LEF, Room 1222 Brooks, L
 Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.

CJUS 320 Introduction to Criministics 3 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CJUS 220
 0101 MW 6:00pm-9:00pm Bldg. LEF, Room 1208 Maurello, T
 0201 MW 6:00pm-9:00pm Bldg. LEF, Room 0208 Maurello, T
 An introduction to modern methods used in the detection, investigation and solution of crimes. Practical analysis of evidence in a criminal investigation laboratory, including photography, fingerprints and other impressions, ballistics, glass, hair, handwriting and document examination, drug analysis, and fire detection.

CJUS 340 Concepts of Law Enforcement Administration 3 credits. *Grading Method: REG*
 Prerequisite: CJUS 100 or equivalent
 0101 MTuWThF 11:00am-12:20pm Bldg. LEF, Room 1221 Brooks, L
 An introduction to concepts of organization and management as they relate to law enforcement. Principles of unit, time, process, policy, and personnel management and authority, division of work, and organizational controls. Human element in the organization. Internal interaction and bureaucracy.

CJUS 352 Drugs and Crime 3 credits. *Grading Method: REG/P-F/AUD*
 Prerequisite: CJUS 100
 0101 MTuWThF 2:30pm-3:20pm Bldg. LEF, Room 2208 Spinner, D
 An analysis of the role of criminal justice in the control of drug use and abuse.

CJUS 386 Experiential Learning 3-6 credits. *Grading Method: REG*
 Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 36 semester hours
 0101 Time Arranged Room Arranged STAFF
 0201 Time Arranged Room Arranged STAFF

CJUS 398 Law Enforcement Field Training 1-6 credits. *Grading Method: REG/P-F/AUD*
 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/AUD*
 0101 Time Arranged Room Arranged STAFF
 0201 Time Arranged Room Arranged STAFF

CJUS 699 Special Problems in Criminal Justice 1-3 credits. *Grading Method: REG/AUD*
 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

CLAS

CLASSICS (ARTS AND HUMANITIES)

CLAS 170 Greek and Roman Mythology 3 credits. *Grading Method: REG/P-F/AUD*
 CORE Distributive Studies Literature Course. USP Distributive Studies Area A. Cultural and Historical Course.
 0101 MTuWThF 11:00am-12:20pm Bldg. HKH, Room 0117 Staley, G
 0201 MTuWThF 9:30am-10:50am Bldg. HKH, Room 0117 Sherwin, W
 Taught 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 classics, or journalism.

CLAS 374 Greek Tragedy in Translation 3 credits. *Grading Method: REG/P-F/AUD*
 USP Advanced Studies Analysis of Human Problems Course.
 0201 MTuWThF 11:00am-12:20pm Bldg. HKH, Room 0117 Clawsey, M
 Study and analysis of the tragedies of Aeschylus, Sophocles, and Euripides with special attention to the concepts of character and thought as conceived by Aristotle in *The Poetics*.

CLAS 470 Advanced Greek and Roman Mythology 3 credits. *Grading Method: REG/P-F/AUD*
 CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: CLAS 170 or permission of department.
 0101 MTuWThF 12:30pm-1:50pm Bldg. HKH, Room 0117 Staley, G
 Selected themes and characters of Greek and Roman myth. History of the study of myth and research methods in mythology.

CLAS 799 Master's Thesis Research 1-6 credits. *Grading Method: REG/S-F*
 Permission of department required.
 0201 Time Arranged Room Arranged STAFF

CMLT

COMPARATIVE LITERATURE (ARTS AND HUMANITIES)

CMLT 270 Global Literature and Social Change 3 credits. *Grading Method: REG*
 CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course.
 0101 MTuWThF 9:30am-10:50am Bldg. KEY, Room 0121 Urquilla, M
 0102 MTuWThF 11:00am-12:20pm Bldg. SCP, Room 1105 Lima, M
 0201 MTuWThF 9:30am-10:50am Bldg. SCP, Room 1105 Meehan, K
 Comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives.

CMLT 488A Genres: Film Analysis 3 credits. *Grading Method: REG*
 0101 TuTh 6:30pm-10:00pm Bldg. SCP, Room 1120 Miller, J
 0201 TuTh 6:30pm-10:00pm Bldg. SCP, Room 1120 Miller, J

CMLT 679A Seminar in Modern and Contemporary Literature: Research and Critical 3 credits. *Grading Method: REG*
 0101 TuTh 6:00pm-9:15pm Bldg. SCP, Room 2119 Auerbach, J

CMLT continued

Table with 4 columns: Course ID, Title, Credits, Grading Method. Rows include CMLT 699 Independent Study, CMLT 799 Master's Thesis Research, and CMLT 899 Doctoral Dissertation Research.

CMSC

COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

CMSC 112 Computer Science I 4 credits, Grading Method REG/P/IAUD. Pre- or corequisite: MATH 140. Students who earned Advanced Placement (AP) scores of 4 or 5 on either the Computer Science A or the Computer Science AB exam should contact the Department of Computer Science concerning exemption from CMSC 112.

0101 Meets JUN 1 to JUL 24. MTuWThF 9:30am-10:50am. Bldg. CLB, Room 0109. STAFF.
0201 MTuWThF 9:30am-10:50am. Bldg. CLB, Room 0109 (LAB). STAFF.
With CMSC 113, this course forms one year sequence for computer science majors. Design and analysis of programs using structured programming and data abstraction. Formal syntax and semantics, an algorithmic notation, and control flow.

CMSC 150 Introduction to Discrete Structures 3 credits, Grading Method REG/P/IAUD. CORE Distributive Studies Math or Formal Reasoning Course. Pre- or corequisite MATH 140. Formerly CMSC 250.

0101 MTuWThF 11:00am-12:20pm. Bldg. CLB, Room 0102. Preston, D.
With 11:00am-12:20pm. Bldg. CLB, Room 0102 (DIS). STAFF.
Fundamental mathematical concepts related to computer science, including finite and infinite sets, relations, functions, and propositional logic. Introduction to other techniques, modeling and solving problems in computer science. Introduction to permutations, combinations, graphs, and trees with selected applications.

CMSC 251 Algorithms 3 credits, Grading Method REG/P/IAUD. Prerequisite: CMSC 112, and CMSC 150, and MATH 140, a grade of C or better in CMSC 150 and CMSC 112.

0101 MTuWThF 9:30am-10:50am. Bldg. CLB, Room 0104. STAFF.
A systematic study of correctness and complexity of some elementary algorithms related to sorting, graphs and trees, and combinators.

CMSC 311 Computer Organization 3 credits, Grading Method REG/P/IAUD. Permission of department required. Prerequisite: CMSC 280 with a grade of C or better.

0101 MTuWThF 9:30am-10:50am. Bldg. CLB, Room 0111. Preston, D.
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 organization.

CMSC 386 Experiential Learning 3 credits, Grading Method REG/P/F. Permission of department required. Prerequisite: Learning Program approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. Written permission of instructor must be obtained in advance on department form.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 411 Computer Systems Architecture 3 credits, Grading Method REG/P/IAUD. Permission of department required. Prerequisites: a grade of C or better in either CMSC 311 or CMSC 400, and permission of department.

0101 MTuWThF 11:00am-12:20pm. Bldg. CLB, Room 0104. STAFF.
lap/output processors and techniques. Intra-system communication, buses, caches. Addressing and memory hierarchies. Microprogramming, parallelism, and psyching.

CMSC 450 Elementary Logic and Algorithms 3 credits, Grading Method REG/P/IAUD. Prerequisite: MATH 240. Also offered as MATH 444. Credit will be granted for only one of the following: MATH 444 or CMSC 450.

0102 MTuWThF 9:30am-10:50am. Bldg. MTH, Room 0305. STAFF.
0202 MTuWThF 9:30am-10:50am. Bldg. MTH, Room 0403. STAFF.
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 451 Design and Analysis of Computer Algorithms 3 credits, Grading Method REG/P/IAUD. Permission of department required. Prerequisites: a grade of C or better in CMSC 113 and CMSC 251; and permission of department.

0201 MTuWThF 9:30am-10:50am. Bldg. CLB, Room 0102. STAFF.
Fundamental techniques for designing and analyzing computer algorithms. Greedy methods, divide-and-conquer techniques, search and traversal techniques, dynamic programming, backtracking methods, branch-and-bound methods, and algebraic transformations.

CMSC 460 Computational Methods 3 credits, Grading Method REG/P/IAUD. Permission of department required. Prerequisites: a grade of C or better in MATH 240 and MATH 241, and CMSC 110 or CMSC 113, and permission of department. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 460.

0201 MTuWThF 9:30am-9:50am. Bldg. MTH, Room B0421. STAFF.
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, systems of linear equations and initial value problems for ordinary differential equations. Emphasis on methods and their computational properties rather than their analytic aspects. Intended primarily for students in the physical and chemical sciences.

CMSC 498A Special Problems in Computer Science I 1-3 credits, Grading Method REG/P/F. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 798A Graduate Seminar in Computer Science 1-3 credits, Grading Method REG/AUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 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.

CMSC 818A Advanced Topics in Computer Systems 1-3 credits, Grading Method REG/AUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 828A Advanced Topics in Information Processing 1-3 credits, Grading Method REG/AUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC continued

CMSC 838A Advanced Topics in Programming Languages 1-3 credits, Grading Method REG/AUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 858A Advanced Topics in Theory of Computing 1-3 credits, Grading Method REG/AUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 878A Advanced Topics in Numerical Methods 1-3 credits, Grading Method REG/AUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CMSC 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.

CNEC

CONSUMER ECONOMICS (HUMAN ECOLOGY)

CNEC 100 Introduction to Consumer Economics 3 credits, Grading Method REG/P/IAUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D. Social and Behavioral Sciences Course. USP Distributive Studies Area D. Social and Behavioral Sciences Course.

0101 TuTh 7:00pm-10:00pm. Bldg. MMH, Room 1304. Hacklander, E.
The role of the consumer in modern society. Topics include the consumer in the market, the impact of market failures on the quality of life and the impact of government and business decisions on consumer welfare.

CNEC 310 Consumer Economics and Public Policy 3 credits, Grading Method REG/P/IAUD. CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201, and ECON 203.

0201 MW 7:00pm-10:00pm. Bldg. MMH, Room 3418. Whittington, L.
The application of economic theory, including benefit-cost analysis, to an evaluation of policy decisions in the private and public sectors which affect the consumer. The economic, social, and political framework within which policy decisions are made.

CNEC 388 Field Work and Analysis in Consumer Economics 3-6 credits, Grading Method S-F. Permission of department required. Majors only. Formerly CNEC 390.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CNEC 410 Consumer Finance 3 credits, Grading Method REG/P/IAUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201, and ECON 203. Not open to students who have completed FMCD 441.

0101 TuTh 7:00pm-10:00pm. Bldg. MMH, Room 0109. Soberson-Ferrer, H.
TuTh 7:00pm-10:00pm. Bldg. MMH, Room 0109. Soberson-Ferrer, H.
An economic approach to the problems of income allocation and consumer financial planning, including income maximization, principles of asset choice, financial management and risk management. The effects of fiscal and monetary policies on lifetime economic planning.

CNEC 431 The Consumer and the Law 3 credits, Grading Method REG/P/IAUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201, and ECON 203. Not open to students who have completed FMCD 441.

0101 TuTh 7:00pm-10:00pm. Bldg. MMH, Room 1400. Ensor, B.
0102 TuTh 7:00pm-10:00pm. Bldg. MMH, Room 1400. STAFF.
0201 TuTh 7:00pm-10:00pm. Bldg. MMH, Room 1400. Bramnigan, V.
A study of legislation affecting consumer goods and services. Topics covered include product safety and liability, packaging and labeling, deceptive advertising, and consumer credit. The implications of such legislation for consumer welfare with particular emphasis on the disadvantaged groups in our society will be examined.

CNEC 437 Consumer Behavior 3 credits, Grading Method REG/P/IAUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: PSYC 100, and SOCY 100.

0101 TuTh 7:00pm-10:00pm. Bldg. LEF, Room 1222. Jenkins, A.
0102 MW 7:00pm-10:00pm. Bldg. MMH, Room 3418. Ettenson, R.
0201 TuTh 7:00pm-10:00pm. Bldg. MMH, Room 3418. Wagner, J.
An application of the behavioral sciences to a study of consumer behavior. Current theories, models and empirical research findings are explored.

CNEC 498 Special Studies 2-4 credits, Grading Method REG/P/IAUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CNEC 498V Special Studies: Computers and the Law 3 credits, Grading Method REG/P/IAUD. Permission of department required.

0201 MW 6:30pm-9:00pm. Room Arranged. Bramnigan, V.
A study of the social changes caused by the development of complex information systems and the legal response to these problems. Topics include privacy, credit, patents, copyright, contracts and patents caused by computer systems.

COOP

COOPERATIVE EDUCATION PROGRAM (UNDERGRADUATE STUDIES)

COOP 098 Co-op Work Experience I No credit, Grading Method S-F. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Herbcke Library. For special fees, see the financial information section of the Schedule of Classes.

0101 Time Arranged. Room Arranged. Martin, T.
0201 Time Arranged. Room Arranged. Martin, T.

CRIM

CRIMINOLOGY (BEHAVIORAL AND SOCIAL SCIENCES)

CRIM 220 Criminology 3 credits, Grading Method REG/P/IAUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D. Social and Behavioral Sciences Course.

0101 MTuWThF 2:00pm-3:20pm. Bldg. LEF, Room 1208. Smith, D.
0201 MTuWThF 2:00pm-3:20pm. Bldg. LEF, Room 1208. Smith, D.
Criminal behavior and the methods of its study; causation; typologies of criminal acts and offenders; punishment, correction and incapacitation; prevention of crime.

CRIM 359 Field Training in Criminology and Corrections 1-6 credits, Grading Method REG/P/IAUD. Permission of department required.

0101 Time Arranged. Room Arranged. STAFF.
0201 Time Arranged. Room Arranged. STAFF.

CRIM continued

CRIM 386	Experiential Learning 3-6 credits, Grading Method REG-P-F Formation of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
CRIM 399	Independent Study in Criminology 1-3 credits, Grading Method REG-P-F/AUD
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
CRIM 450	Juvenile Delinquency 3 credits, Grading Method REG-P-F/AUD Prerequisite: CRIM 220
0201	MTuWThF 9 30am-10 50am Bldg LEF, Room 2166 Patenoster, R Juvenile delinquency in relation to the general problem of crime, analysis of factors underlying juvenile delinquency, treatment and prevention.
CRIM 451	Crime and Delinquency Prevention 3 credits, Grading Method REG-P-F/AUD Permission of department required. Prerequisites: CRIM 220 or CRIM 450 or permission of department
0101	MTuWThF 12 30pm-1 50pm Bldg LEF, Room 2166 Freeman, R Methods and programs in prevention of crime and delinquency.
CRIM 452	Treatment of Criminals and Delinquents 3 credits, Grading Method REG-P-F/AUD Prerequisite: CRIM 220 or CRIM 450 or permission of department
0201	MTuWThF 2 00pm-3 20pm Bldg SCF, Room 2117 Marciniak, E Processes and methods used to modify criminal and delinquent behavior.
CRIM 498	Selected Topics in Criminology: Death Penalty 3 credits, Grading Method REG-P-F/AUD
0101	MTuWThF 8 00am-9 20am Bldg LEF, Room 1201 Patenoster, R
CRIM 458A	Selected Topics in Criminology: Women and Crime 3 credits, Grading Method REG-P-F CORE Distributive Studies Cultural Diversity Course
0101	MTuWThF 9 30am-10 50am Bldg MMH, Room 0108 Simpson, S
CRIM 699	Special Criminological Problems 1-3 credits, Grading Method REG/AUD
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
CRIM 759	Master's Thesis Research 1-6 credits, Grading Method REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
CRIM 859	Doctoral Dissertation Research 1-8 credits, Grading Method REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF

DESN

**DESIGN
(ARTS AND HUMANITIES)**

DESN 205	Drawing for Designers 3 credits, Grading Method REG Prerequisites: DESN 102, and DESN 103, and EDIT 160. For advertising design, design and interior design majors only. Credit will be granted for only one of the following APDS 211 or DESN 205. Formerly APDS 211
0101	Meets JUN 1 to JUL 24 TuTh 8 00am-12 30pm Bldg MMH, Room 1108 (LAB) Gracynaly, D Aspects of drawing to include balance, proportion, perspective, and composition. Sketch techniques and finished compositions applied to the human form, and objects in space.
DESN 210	Presentation Techniques for Visual Communication Design 3 credits, Grading Method REG Prerequisite: DESN 205. For advertising design majors only. Credit will be granted for only one of the following APDS 210 or DESN 210. Formerly APDS 210
0101	Meets JUN 1 to JUL 24 TuTh 1 30pm-6 00pm Bldg MMH, Room 2415 (LAB) Gracynaly, D Exploration of a variety of principles, media and techniques used by designers to solve illustration design problems.
DESN 237	Photography 1 3 credits, Grading Method REG Prerequisite: DESN 210, and DESN 230. For advertising design majors only. Credit will be granted for only one of the following APDS 237 or DESN 237. Formerly APDS 237. For summer, non-majors may be permitted to take this course. See instructor for permission
0101	Meets JUN 1 to JUL 25 TuTh 1 00pm-5 00pm Bldg MMH, Room 0110 Jacobs, W Introduction to black and white photography as visual communication. Basic technical and aesthetic, vocabulary, camera mechanics, and dark room techniques. Additional studio time to be arranged.
DESN 320	Illustration 1 3 credits, Grading Method REG Prerequisites: DESN 210, and DESN 230. For advertising design majors only. Credit will be granted for only one of the following APDS 320 or DESN 320. Formerly APDS 320
0101	Meets JUN 1 to JUL 24 TuTh 8 00am-12 30pm Bldg MMH, Room 1413 (LAB) Thorpe, J Development of narrative, imagers, pictorial illusion, editorial and conceptual interpretations and their combined potential for visual communication. Direct drawing from life as well as memory, and photographic, reference in editorial, advertising, and retail illustration.
DESN 337	Photography II 3 credits, Grading Method REG Prerequisites: DESN 230, and DESN 237. Credit will be granted for only one of the following APDS 337 or DESN 337. Formerly APDS 337. For summer, non-majors may be permitted to take this course. See instructor for permission
0101	MW 8 00am-2 00pm Bldg MMH, Room 0110 Gips, C Principles in black and white photography, emphasizing message and meaning in communication contexts, artistic light and shadows. Visual processes such as posterization, toning, montage, and digital processing of photographs.

ECON

**ECONOMICS
(BEHAVIORAL AND SOCIAL SCIENCES)**

ECON 201	Principles of Economics I 3 credits, Grading Method REG-P-F/AUD CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Social and Behavioral Sciences Course. Credit will be granted for only one of the following ECON 201 or ECON 205
0102	MTuWThF 9 30am-10 50am Bldg TYD, Room 0101 STAFF
0103	MTuWThF 11 00am-12 20pm Bldg TYD, Room 0101 STAFF
0104	MW 6 30pm-9 50pm Bldg ARC, Room 1105 STAFF
0201	MTuWThF 8 00am-9 20am Bldg TYD, Room 0101 STAFF
0202	MTuWThF 9 30am-10 50am Bldg TYD, Room 0101 STAFF
An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the context of macroeconomic policy. The efficacy of wage and price controls is analyzed.	

ECON continued

ECON 203	Principles of Economics II 3 credits, Grading Method REG-P-F/AUD CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Social and Behavioral Sciences Course. Recommended: ECON 201
0101	TuTh 7 00pm-10 00pm Bldg TYD, Room 1128 STAFF
0103	MTuWThF 11 00am-12 20pm Bldg TYD, Room 2110 Wallis, J
0202	MTuWThF 9 30am-10 50am Bldg TYD, Room 1114 STAFF
This course emphasizes the behavior of individual consumers and business firms, problems of international trade and finance, the distribution of income, policies for eliminating poverty and destitution, the problems of environmental pollution, and the impact of different market structures upon economic activity.	
ECON 205	Fundamentals of Economics 3 credits, Grading Method REG-P-F/AUD CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Social and Behavioral Sciences Course. Students in the College of Business and Administration are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following ECON 201 or ECON 205.
0102	MTuWThF 8 00am-9 20am Bldg TYD, Room 2100 STAFF
0201	MTuWThF 9 30am-10 50am Bldg TYD, Room 2110 STAFF
A one-semester introduction for non-majors to the principles of economics and their applications to the leading economic problems of society, including inflation, unemployment, poverty, urban renewal, income inequality, monopoly and market performance, environmental protection, and international trade.	
ECON 301	Current Issues in American Economic Policy 3 credits, Grading Method REG-P-F/AUD Prerequisites: ECON 201, and ECON 203 or ECON 205
0101	MW 7 00pm-10 00pm Bldg TYD, Room 1114 STAFF
Analysis of current economic problems and public policies. Inflation, unemployment, market power, government regulation, poverty, and distribution of income, federal budget and tax policy, environment.	
ECON 305	Intermediate Macroeconomic Theory and Policy 3 credits, Grading Method REG-P-F/AUD Prerequisites: ECON 201, and ECON 203, and MATH 220. Credit will be granted for only one of the following ECON 305 or ECON 405. Formerly ECON 401
0101	MTuWThF 9 30am-10 50am Bldg TYD, Room 1140 STAFF
0201	TuTh 7 00pm-10 00pm Bldg TYD, Room 2106 STAFF
0202	MTuWThF 9 30am-10 50am Bldg TYD, Room 0102 STAFF
Analysis and evaluation of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy.	
ECON 306	Intermediate Microeconomic Theory 3 credits, Grading Method REG-P-F/AUD Prerequisites: ECON 201, and ECON 203, and MATH 220. Formerly ECON 403
0101	MTuWThF 11 00am-12 20pm Bldg TYD, Room 1128 STAFF
0201	MW 7 00pm-10 00pm Bldg TYD, Room 2111 STAFF
0202	MTuWThF 11 00am-12 20pm Bldg TYD, Room 1114 Knight, R
Analysis of individual and consumer behavior and of the firm, market systems, distribution theory and the role of externalities.	
ECON 310	Evolution of Modern Capitalism in Western Europe and the United States 3 credits, Grading Method REG-P-F/AUD USP Distributive Studies Area D Social and Behavioral Sciences Course.
0101	MTuWThF 9 30am-10 50am Bldg TYD, Room 2110 Wallis, J The evolution of the capitalist system from its medieval origins to the present. Emphasis on Britain. Forces of cumulative change in capitalism, including capital accumulation, technology, expansion of markets, the corporate form of private property in the means of production, and the relation of capitalism to war and revolution.
ECON 315	Economic Development of Underdeveloped Areas 3 credits, Grading Method REG-P-F/AUD USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201, and ECON 203 or ECON 205. Credit will be granted for only one of the following ECON 315 or ECON 416. Formerly ECON 415
0101	MTuWThF 9 30am-10 50am Bldg TYD, Room 1114 STAFF
Analysis of the economic and social characteristics of underdeveloped areas. Recent theories of economic development, obstacles to development, policies, and planning for development.	
ECON 321	Economic Statistics 3 credits, Grading Method REG-P-F/AUD Prerequisites: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421
0101	MTuWThF 8 00am-9 20am Bldg TYD, Room 1118 Anderson, G
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 and correlation.	
ECON 399	Individual Reading and Research For Undergraduates 3 credits, Grading Method REG-P-F/AUD Permission of department required. Prerequisite: 6 hours of upper-division economics courses
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
ECON 430	Money and Banking 3 credits, Grading Method REG-P-F/AUD Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following ECON 430 or ECON 431
0101	MTuWThF 11 00am-12 20pm Bldg TYD, Room 1114 STAFF
0201	MTuWThF 9 30am-10 50am Bldg TYD, Room 0117 STAFF
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.	
ECON 440	International Economics 3 credits, Grading Method REG-P-F/AUD Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following ECON 440 or ECON 441
0101	MTuWThF 8 00am-9 20am Bldg TYD, Room 1102 STAFF
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.	
ECON 698	Selected Topics in Economics 3 credits, Grading Method REG Permission of department required
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
ECON 759	Master's Thesis Research 1-6 credits, Grading Method REG
0201	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
ECON 859	Doctoral Dissertation Research 1-8 credits, Grading Method REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF

EDCI CURRICULUM AND INSTRUCTION (EDUCATION)

- EDCI 301 Teaching Art in the Elementary School** 3 credits, Grading Method: REG/P-F/AUD
For elementary and pre-elementary education majors only. Not open to art education majors.
- 0101** MTuWThF 12:30pm-1:50pm Bldg. EDU, Room 1315 Craig, R
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 320 Curriculum and Instruction in Secondary Education: Social Studies/History** 3 credits, Grading Method: REG/P-F/AUD
Prerequisites: EDHD 300, and EDCI 390
0101 MW 3:50pm-7:10pm Bldg. LEF, Room 2208 Cirroneo, J
Objectives, selection and organization of subject matter, appropriate methods, lesson plans, textbooks and other instructional materials, measurement and topics pertinent to social studies education. Includes emphasis on multicultural education.
- EDCI 385 Computers for Teachers** 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDI 406, EDU 417, or EDP 490.
0101 MTuWThF 11:00am-12:20pm Bldg. EDU, Room 2101 McWhinnie, H
A first-level survey of instructional uses of computers, software, and related technology for preservice teachers.
- EDCI 390 Principles and Methods of Secondary Education** 3 credits, Grading Method: REG/P-F/AUD
Pre- or corequisite: EDHD 300, or permission of department
0101 MW 4:00pm-7:20pm Bldg. EDU, Room 0212 STAFF
Time Arranged Room Arranged (LAB)
0201 MW 4:00pm-7:20pm Bldg. EDU, Room 1315 STAFF
Time Arranged Room Arranged (LAB)
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, social problems, and the central values of society.
- EDCI 397 Principles and Methods of Teaching in Elementary Schools** 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: admission to teacher education. For elementary education majors only.
0101 MTuWThF 9:30am-10:50am Bldg. EDU, Room 2102 Janitz, R
Teaching strategies, classroom management techniques, and procedures for planning and evaluating instruction in elementary schools. Emphasis on principles of effective instruction, class-room management, and adaptation of instruction for various student populations.
- EDCI 410 The Child and the Curriculum: Early Childhood** 3 credits, Grading Method: REG/P-F/AUD
This course is primarily for in-service teachers nursery school through grade 3.
0101 Meets JUN 22 to JUL 10
MTuWThF 9:00am-12:00pm Bldg. EDU, Room 3233 Amershek, K
Relationship of the nursery school curriculum 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 416 Mainstreaming in Early Childhood Educational Settings** 3 credits, Grading Method: REG/P-F/AUD
0201 Meets JUL 12 to JUL 31
MTuWThF 1:00pm-4:00pm Bldg. EDU, Room 3233 Saracho, O
Theoretical bases and applied practices for integrating handicapped children into regular early childhood programs.
- EDCI 426 Methods of Teaching Social Studies in Secondary Schools** 3 credits, Grading Method: REG/P-F/AUD
Prerequisites: EDHD 300, and EDCI 390
0101 MW 3:50pm-7:10pm Bldg. LEF, Room 2208 Cirroneo, J
Objectives, selection and organization of subject matter, appropriate methods, lesson plans, textbooks and other instructional materials, measurement and topics pertinent to social studies education. Includes emphasis on multicultural education. For in-service teachers.
- EDCI 432 Foreign Language Methods in the Elementary School** 3 credits, Grading Method: REG/P-F/AUD
Permission of department required. Prerequisite: permission of department.
0201 TuTh 4:00pm-7:20pm Bldg. EDU, Room 3233 STAFF
Methods and techniques for developmental approach to the teaching of modern foreign languages in elementary schools. Development of oral-aural skills in language development.
- EDCI 434 Methods of Teaching English to Speakers of Other Languages** 3 credits, Grading Method: REG/P-F/AUD
0201 MW 4:00pm-7:20pm Bldg. EDU, Room 1121 STAFF
Methods for teaching listening, speaking, reading and writing techniques and a review of research findings.
- EDCI 436 Teaching for Multicultural Understanding** 3 credits, Grading Method: REG/P-F/AUD
Permission of department required. Prerequisite: permission of department.
0101 MW 4:00pm-7:20pm Bldg. EDU, Room 1315 Dolorenzo, W
The techniques and context for teaching culture in foreign language classes and English as a Second Language (ESL) classes. Research and evaluation of selected aspects of a culture as basis for teaching teaching materials.
- EDCI 443 Literature for Children and Youth** 3 credits, Grading Method: REG/P-F/AUD
For elementary education and pre-elementary education majors only. Also for in-service teachers.
0101 Meets JUN 22 to JUL 10
MTuWThF 1:00pm-4:00pm Bldg. EDU, Room 2121 Heidelberg, R
0201 MW 4:00pm-7:20pm Bldg. EDU, Room 2203 Herman Jr, W
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
Primarily for in-service teachers.
0101 Meets JUN 22 to JUL 10
MTuWThF 1:00pm-4:00pm Bldg. EDU, Room 2119 O'Flahavan, J
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
Primarily for in-service teachers.
0101 Meets JUN 22 to JUL 10
MTuWThF 1:00pm-4:00pm Bldg. EDU, Room 2119 O'Flahavan, J
Teaching of spelling, handwriting, oral and written expression and creative expression. Primarily for in-service teachers, nursery school through grade 3.
- EDCI 461 Reading in Early Childhood Education** 3 credits, Grading Method: REG/P-F/AUD
0101 Meets JUN 22 to JUL 10
MTuWThF 9:00am-12:00pm Bldg. EDU, Room 1121 Gambrell, L
Fundamentals of developmental reading instruction, including reading readiness, use of experience stories, procedures for 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 continued

- EDCI 462 Reading in the Elementary School** 3 credits, Grading Method: REG/P-F/AUD
0101 Meets JUN 22 to JUL 10
MTuWThF 9:00am-12:00pm Bldg. EDU, Room 1121 Gambrell, L
Fundamentals of developmental reading instruction, including reading readiness, use of experience stories, procedures for 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 1:00pm-4:00pm Bldg. EDU, Room 1121 Davey, H
The fundamentals of secondary reading instruction, including emphasis on content reading instruction.
- EDCI 466 Literature for Adolescents** 3 credits, Grading Method: REG/P-F/AUD
0201 MW 4:00pm-7:20pm Bldg. EDU, Room 0114 Slater, W
Reading and analysis of fiction and nonfiction, methods for critically assessing quality and appeal, current theory and methods of instruction, research on response to literature, curriculum design and selection of books.
- EDCI 472 Methods of Teaching Science in Secondary Schools** 3 credits, Grading Method: REG/AUD
Permission of department required. Prerequisites: EDHD 300; and EDCI 390, and permission of department.
0201 Meets JUL 12 to JUL 31
MTuWThF 9:00am-12:00pm Bldg. EDU, Room 2212 STAFF
Methods for classroom and laboratory instruction, determining appropriate teaching methods, selecting instructional materials, evaluating student achievement. Includes lab and field experience. For in-service teachers only.
- EDCI 473 Environmental Education** 3 credits, Grading Method: REG/P-F/AUD
0201 MW 1:00pm-4:20pm Bldg. EDU, Room 2212 Messersmith, D
An interdisciplinary course covering the literature, techniques and strategies of environmental education.
- EDCI 488D Selected Topics in Teacher Education: Multicultural Education in the Classroom** 3 credits, Grading Method: REG/P-F/AUD
0201 Meets JUL 12 to JUL 31
MTuWThF 4:00pm-7:00pm Bldg. EDU, Room 0202 Heidelberg, R
This course will focus on multicultural education from several perspectives. Theoretical analysis of the need for educational planning includes emphasis on race, gender, disability, ethnicity, and class from an interdisciplinary perspective.
- EDCI 489 Field Experiences in Education** 1-4 credits, Grading Method: REG/P-F/AUD
0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- EDCI 498 Special Problems in Teacher Education** 1-6 credits, Grading Method: REG/P-F/AUD
0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
- EDCI 620 Trends in Secondary School Curriculum: Social Studies** 3 credits, Grading Method: REG/AUD
0101 MW 3:50pm-7:10pm Bldg. LEF, Room 2208 Cirroneo, J
Recent developments in educational thinking and practice on the curriculum in social studies.
- EDCI 653 Diagnosis and Treatment of Learning Disabilities in Mathematics I** 3 credits, Grading Method: REG/AUD
Prerequisite: EDCI 352 or permission of department.
Meets JUL 6 to AUG 5
0101 MTuWThF 9:00am-12:00pm Bldg. EDU, Room 2121 Graeber, A
Diagnosis and treatment of disabilities in mathematics. Theoretical models, specific diagnostic and instructional techniques and materials for working with children in both clinical and classroom settings. Clinic hours to be arranged.
- EDCI 662 Reading Diagnostic Assessment and Prescription** 3 credits, Grading Method: REG/AUD
Permission of department required. Prerequisite: permission of department.
0201 TuTh 9:00am-12:30pm Bldg. EDU, Room 2102 Grant, R
Survey course in reading diagnosis and prescription for graduate students not majoring in reading.
- EDCI 680 Trends in Secondary School Curriculum** 3 credits, Grading Method: REG/AUD
For master's certification students only.
0101 TuTh 9:00am-12:20pm Bldg. EDU, Room 2119 Roderick, J
Recent developments in educational thinking and practice on the curriculum.
- EDCI 681 Trends in Elementary School Curriculum** 3 credits, Grading Method: REG/AUD
For master's certification students only.
0101 TuTh 9:00am-12:20pm Bldg. EDU, Room 2119 Roderick, J
Recent developments in educational thinking and practice which have affected the curriculum in elementary education.
- EDCI 690 Teaching as a Profession** 3 credits, Grading Method: REG
Permission of department required. Prerequisite: permission of department. For master's certification students only.
0201 Time Arranged Room Arranged STAFF
F 9:00am-4:00pm Bldg. EDU, Room 2101
The profession of teaching and the knowledge base that defines teaching. Current and social issues that affect teaching and learning, role of research and experience in learning to teach.
- EDCI 691 Models of Teaching: Theories and Applications** 3 credits, Grading Method: REG
Permission of department required. Prerequisite: permission of department. For master's certification students only.
0201 TuTh 9:00am-12:20pm Bldg. EDU, Room 2101 McCaleb, J
Theory and research on teaching as applied to models of instruction. Practice in developing an initial repertoire of teaching models and in providing thoughtful critique of teaching based on these models.
- EDCI 695 Teaching Science and Social Studies through Environmental Study** 3 credits, Grading Method: REG/AUD
For EDCI majors only.
0101 Meets MAY 19 to JUL 2
TuTh 4:30pm-7:10pm Bldg. EDU, Room 2212 Eley Jr, G
Curriculum and instruction for science and social studies within a multicultural and environmental context, analysis of social studies and science curriculum materials, utilization of school and community resources.
- EDCI 761 Advanced Clinical Practices in Reading Diagnosis** 3 credits, Grading Method: REG/AUD
Prerequisite: EDCI 665. Corequisite: EDCI 762
0201 Time Arranged Room Arranged
Diagnostic work with children in clinic and school situations. Case report writing and conferences.
- EDCI 762 Advanced Clinical Practices in Reading Instruction** 3 credits, Grading Method: REG/AUD
Prerequisite: EDCI 665. Corequisite: EDCI 761
0201 Time Arranged Room Arranged
Remedial instruction with children in clinic and school situations. Remedial techniques, diagnostic teaching and evaluation.

EDCI continued

EDCI 788G	Selected Topics in Teacher Education: Proseminar: Perspectives on Teaching 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Permission of department required. For master's certification students only. Time Arranged. Room Arranged.	STAFF	
	This course provides an opportunity for students to synthesize and integrate knowledge and skills learned in all components of the Maryland Masters Certification Program. Particular emphasis is placed on the integration of theoretical, empirical and practical knowledge of teaching and learning.		
EDCI 788M	Selected Topics in Teacher Education: A Cognitive Approach to Teaching Young Children Mathematics 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Permission of department required. For NSF Impact Grant participants only. Time Arranged. Room Arranged.	Campbell, P	
EDCI 788S	Selected Topics in Teacher Education: Teaching Science in Informal Settings 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Meets JUN 24 to JUL 14. MTuWThF 1 00pm-4 00pm. Bldg. EDU, Room 2212.	STAFF	
EDCI 788U	Selected Topics in Teacher Education: Instructional Implications of Cognitive 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Permission of department required. For master's certification students only. MW 9 00am-12 20pm. Bldg. EDU, Room 2119.	Dreher, J	
EDCI 798	Special Problems in Teacher Education 1-6 credits. <i>Grading Method: REG/AUD</i>		
0201	Time Arranged. Room Arranged.	STAFF	
EDCI 799	Master's Thesis Research 1-6 credits. <i>Grading Method: REG</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDCI 800	Seminar in Art Education 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	McWhinnie, H	
EDCI 888	Apprenticeship in Education 1-3 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDCI 899	Doctoral Dissertation Research 1-8 credits. <i>Grading Method: REG</i>		
0101	Time Arranged. Room Arranged.	STAFF	
0201	Time Arranged. Room Arranged.	STAFF	

EDCP EDUCATION COUNSELING AND PERSONNEL SERVICES (EDUCATION)

EDCP 386	Experiential Learning 3-6 credits. <i>Grading Method: REG P-F</i>		
0101	Permission of department required. Prerequisite: Learning Program approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.		
0201	Time Arranged. Room Arranged.	STAFF	
EDCP 416	Theories of Counseling 3 credits. <i>Grading Method: REG</i>		
0101	MW 4 00pm-7 20pm. Bldg. EDU, Room 3236.	Strein, W	
	An overview and comparison of the major theories of counseling, including an appraisal of their utility and empirical support.		
EDCP 462	The Disabled Person in American Society 3 credits. <i>Grading Method: REG</i>		
0101	COREquisite: Social and Behavioral Sciences Course: USP Advanced Studies Analysis of Human Problems Course. TuTh 4 00pm-7 20pm. Bldg. EDU, Room 2203.	Power, P	
	Critical examination of the history of legislation and analysis of current policies toward severely physically and mentally disabled persons.		
EDCP 489	Field Experiences in Counseling and Personnel Services 1-4 credits. <i>Grading Method: REG/P-F/AUD</i>		
0101	Permission of department required. Time Arranged. Room Arranged.	STAFF	
EDCP 498	Special Problems in Counseling and Personnel Services 1-3 credits. <i>Grading Method: REG</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDCP 611	Career Development Theory and Programs 3 credits. <i>Grading Method: REG/AUD</i>		
0101	MW 4 00pm-7 20pm. Bldg. EDU, Room 3233.	Power, P	
	Research and theory related to career and educational decisions, programs of related information and other activities in career decision.		
EDCP 615	Counseling I: Appraisal 3 credits. <i>Grading Method: REG</i>		
0101	Corequisite: EDCP 616. For EDCP majors only. TuTh 4 00pm-7 20pm. Bldg. EDU, Room 0206.	Jepson, D	
	Collection and interpretation of appraisal data; synthesis of data through case study procedures. Development of interview skills.		
EDCP 617	Group Counseling 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Prerequisite: EDCP 616. TuTh 4 00pm-7 20pm. Bldg. EDU, Room 3236.	STAFF	
	A survey of theory, research and practice of group counseling and psychotherapy with an introduction to growth groups and the laboratory approach; therapeutic factors in groups, composition of therapeutic groups, problem clients, therapeutic techniques, research methods, theories, ethics and training of group counselors and therapists.		
EDCP 625	Counseling the Chemically Dependent 3 credits. <i>Grading Method: REG</i>		
0101	TuTh 7 00pm-10 20pm. Bldg. EDU, Room 2119.	Vayhinger, B	
	Chemical dependency and its effects on the individual's personal, social, and work functioning. Counseling procedures for persons with drug and alcohol problems.		
EDCP 633	Diagnostic Appraisal of Children I 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Prerequisite: EDCP 726. Corequisite: EDCP 738. TuTh 9 30am-12 50pm. Bldg. EDU, Room 3236.	Teglia-Golubco, H	
	Assessment of development, emotional and learning problems of children.		
EDCP 798	Special Problems in Counseling and Personnel Services 1-6 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDCP 799	Master's Thesis Research 1-6 credits. <i>Grading Method: REG</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDCP 888	Apprenticeship in Counseling and Personnel Services 1-8 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDCP 888U	Apprenticeship in Counseling and Personnel Services: Practicum in Student Personnel Administration 3 credits. <i>Grading Method: REG</i>		
0101	Restricted to second year master's CSP students. Prerequisites: EDCP 610U and EDCP 771. Meets JUN 1 to AUG 21. W 1 00pm-3 45pm. Bldg. EDU, Room 3236.	Gast, L	

EDCP continued

EDCP 895	Internship in Counseling and Personnel Services 3-8 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
0201	Time Arranged. Room Arranged.	STAFF	
EDCP 899	Doctoral Dissertation Research 1-8 credits. <i>Grading Method: REG</i>		
0101	Time Arranged. Room Arranged.	STAFF	
0201	Time Arranged. Room Arranged.	STAFF	

EDHD EDUCATION, HUMAN DEVELOPMENT (EDUCATION)

EDHD 230	Human Development and Societal Institutions 3 credits. <i>Grading Method: REG/AUD</i>		
0101	CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies: Cultural Diversity Course: USP Distributive Studies Area D: Social and Behavioral Sciences Course. Credit will be granted for only one of the following: EDHD 230 or EDHD 330. Formerly EDHD 330. TuTh 1 00pm-4 00pm. Bldg. EDU, Room 3233.	STAFF	
	Development of the individual in the context of relationships with the formal and informal institutions of society. An examination of various aspects of development from the broad perspective of the social sciences.		
EDHD 300	Human Development and Learning 6 credits. <i>Grading Method: REG/P-F/AUD</i>		
0101	Prerequisite: admission to teacher education program. MTuWThF 9 30am-12 30pm. Bldg. EDU, Room 3315.	Green, H	
0201	MTuWThF 9 30am-12 30pm. Bldg. EDU, Room 3315.	Bennett, S	
	Major concepts and theories of human development and learning and their implications for the educational process. One half day a week in school to observe student behavior, participate in classroom activities, and attend seminars on school topics. (Separate sections for early childhood, elementary, and secondary teacher candidates.)		
EDHD 350	Human Development Factors in Personal Development 3 credits. <i>Grading Method: REG/AUD</i>		
0201	TuTh 4 00pm-7 00pm. Bldg. EDU, Room 3315.	STAFF	
	Personal dynamics including self-study and journaling experience which contribute to individual development and insight. Emphasis on factors which enhance optimal personal growth.		
EDHD 400	Introduction to Gerontology 3 credits. <i>Grading Method: REG/AUD</i>		
0201	MW 4 00pm-7 00pm. Bldg. EDU, Room 3233.	Smith, G	
	Multidisciplinary survey of the processes of aging. Physiological changes, cultural forces, and self-processes that bear on quality of life. Includes a field study of programs, institutions for elderly, individual elders, their families and care providers.		
EDHD 411	Child Growth and Development 3 credits. <i>Grading Method: REG/AUD</i>		
0101	TuTh 4 00pm-7 00pm. Bldg. EDU, Room 3315.	Tyler, B	
	Theoretical approaches to and empirical studies of physical, psychological and social development from conception to puberty. Implications for home, school and community.		
EDHD 413	Adolescent Development 3 credits. <i>Grading Method: REG/P-F/AUD</i>		
0101	USP Advanced Studies Analysis of Human Problems Course. TuTh 4 00pm-7 00pm. Bldg. EDU, Room 0114.	STAFF	
0201	TuTh 7 00pm-10 00pm. Bldg. EDU, Room 3315.	Gardner, A	
	Adolescent development, including special problems, encountered in contemporary culture. Observational component and individual case study. Does not satisfy requirement for professional teacher education program.		
EDHD 445	Guidance of Young Children 3 credits. <i>Grading Method: REG/P-F/AUD</i>		
0101	USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100 or EDHD 306 or permission of department. TuTh 4 00pm-7 00pm. Bldg. EDU, Room 1121.	Marcus, R	
0102	MW 4 00pm-7 00pm. Bldg. EDU, Room 3315.	Marcus, R	
0201	TuTh 4 00pm-7 00pm. Bldg. EDU, Room 1121.	Gardner, A	
	Practical aspects of helping and working with children, drawing on research, clinical studies, and observation. Implications for day care and other public issues.		
EDHD 460	Educational Psychology 3 credits. <i>Grading Method: REG/P-F/AUD</i>		
0101	Prerequisite: PSYC 100 or EDHD 306 or permission of department. TuTh 7 00pm-10 00pm. Bldg. EDU, Room 3315.	Pressley M	
0201	MW 4 00pm-7 00pm. Bldg. EDU, Room 3315.	Pressley, M	
	Application of psychology to learning processes and theories. Individual differences, measurement, motivation, emotions, intelligence, attitudes, problem-solving, thinking and communication in educational settings. (May not be substituted for EDHD 300 by students in professional teacher education programs.)		
EDHD 489	Field Experiences in Education 3 credits. <i>Grading Method: REG</i>		
0101	Permission of instructor required. Time Arranged. Room Arranged.	STAFF	
EDHD 498	Special Problems in Education 1-3 credits. <i>Grading Method: REG P-F/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDHD 601	Introduction to Human Development and Child Study 3 credits. <i>Grading Method: REG/AUD</i>		
0101	MW 4 00pm-7 00pm. Bldg. EDU, Room 2102.	Tyler, B	
	An overview of the multidisciplinary, scientific principles which describe human development and behavior and an application of these principles in an analysis of a behavioral trend. Techniques of observation, recording, and analysis of human behavior. Emphasis on critiquing and applying research findings.		
EDHD 701	Training the Parent Educator 3 credits. <i>Grading Method: REG/AUD</i>		
0101	Prerequisite: completion of course in child development. TuTh 4 00pm-7 00pm. Bldg. EDU, Room 1315.	Flatter, C	
	History, philosophy, and ethics of parent education, and evaluation of success critical to the design, implementation, and evaluation of parent education programs. Training in communication and leadership skills.		
EDHD 721	Learning Theory and the Educative Process I 3 credits. <i>Grading Method: REG/AUD</i>		
0101	TuTh 7 00pm-10 00pm. Bldg. EDU, Room 1107.	Elliot, J	
0201	MW 7 00pm-10 00pm. Bldg. EDU, Room 3233.	STAFF	
	Major theoretical issues and research in educational psychology. Emphasis on the application of these theories to education and the helping professions.		
EDHD 789	Internship in Human Development 3-8 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDHD 798	Special Problems in Education 1-6 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDHD 799	Master's Thesis Research 1-6 credits. <i>Grading Method: REG</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDHD 888	Apprenticeship in Education 1-8 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
EDHD 889	Internship in Education 3-8 credits. <i>Grading Method: REG/AUD</i>		
0101	Time Arranged. Room Arranged.	STAFF	
0201	Time Arranged. Room Arranged.	STAFF	

EDHD continued

EDHD 899	Doctoral Dissertation Research 1-8 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

EDIT**INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION (EDUCATION)**

EDIT 114	Principles of Typewriting 2 credits. Grading Method: REG		
0101	MTuWThF 9:30am-10:50am	Bldg JMP, Room 2115	Marshall, S
The attainment of the ability to operate the typewriter and keyboard continuously with reasonable speed and accuracy by the "touch."			
EDIT 160	Design Illustrating I 3 credits. Grading Method: REG/P-FAUD		
0101	MW 4:00pm-7:00pm	Bldg JMP, Room 2229	STAFF
Intended for advertising, interior, landscape design and horticulture majors. The use of instruments, equipment, and materials, lettering, line technique, geometric construction, and projection theory. Pictorial representation, particularly isometric, oblique, and one and two point perspective.			
EDIT 210	Foundry I credit. Grading Method: REG/P-FAUD		
0201	Meets JUL 13 to JUL 31		
	MTuWTh 8:00am-10:00am	Bldg JMP, Room 1108	Pozonsky, C
Students must also register for same section of EDIT 223. Bench and iron molding and elementary core making. Theory and principles covering foundry materials, tools and appliances.			
EDIT 223	Arc and Gas Welding I credit. Grading Method: REG/P-FAUD		
0201	Meets AUG 13 to AUG 21		
	MTuWTh 8:00am-10:00am	Bldg JMP, Room 1123	Pozonsky, C
The development of functional knowledge of the principles and use of electric and acetylene welding. Practical work in the construction of various projects using welded joints. The use and care of equipment, types of joints, methods, importance of processes in industry and safety consideration.			
EDIT 224	Organized and Supervised Work Experiences I 3 credits. Grading Method: REG/P-FAUD		
For industrial technology majors only. Students must meet with instructor during first week.			
0101	Time Arranged	Room Arranged	Sullivan, D
0201	Time Arranged	Room Arranged	Mc Alister, B
Opportunities for first-hand experiences with business and industry. Students are responsible for obtaining their own employment, with the coordinator advising them about job opportunities with optimum learning value. The nature of the work experience desired is outlined at the outset of employment and then evaluations made by the student and the coordinator are based upon the planned experiences. The minimum time is 240 work hours. The work experience must be served through continuous employment in a single establishment.			
EDIT 232	Fundamentals of Automotive Technology 3 credits. Grading Method: REG/P-FAUD		
0101	MW 4:00pm-10:00pm	Bldg JMP, Room 2123	STAFF
0201	MW 4:00pm-10:00pm	Bldg JMP, Room 1229 (LAB)	
Designed for non-industrial education majors interested in learning the theory and practical operation of the automobile. Mechanical, laboratory, college level and electrical systems.			
EDIT 234	Graphic Communications I 3 credits. Grading Method: REG/P-FAUD		
0101	MTuWThF 9:00am-12:00pm	Bldg JMP, Room 2222	Bell, T
0201	MTuWThF 9:00am-12:00pm	Bldg JMP, Room 2222 (LAB)	
Graphic reproduction processes and related areas used to communicate. Offset, letterpress, screen, gravure, engraving, linocut, and electro-stereos duplication, and relief and history. Safety, layout and design, composition, photo conversion, image carriers, image transfer, finishing, binding, paper and ink.			
EDIT 291	Introduction to Plastics Technology 3 credits. Grading Method: REG/P-FAUD		
0101	MTuW 9:00am-2:00pm	Bldg JMP, Room 1202	Wolfe, S
	MTuW 5:00am-2:00pm	Bldg JMP, Room 1216 (LAB)	
An overview of the plastics industry including properties of plastics, major polymers of the plastics industry and basic molding processes.			
EDIT 324	Organized and Supervised Work Experiences II 3 credits. Grading Method: REG/P-FAUD		
For industrial technology students only.			
0201	Time Arranged	Room Arranged	Mc Alister, B
Work experience. Continuation of EDI 224.			
EDIT 350	Methods of Teaching: Trades and Industrial Education 3 credits. Grading Method: REG/P-FAUD		
0101	Meets JUN 22 to JUL 10	Room Arranged	Martinez, R
TuTh 4:00pm-7:00pm			
Intended for vocational and occupational teachers. The identification and analysis of factors essential to helping their learn. Types of teaching situations and techniques, measuring results and grading student progress in laboratory and related technical subjects.			
EDIT 391	Plastics Processing Fundamentals 3 credits. Grading Method: REG/P-FAUD		
Prerequisite: EDIT 291 or permission of department.			
0101	MTuW 9:00am-2:00pm	Bldg JMP, Room 1202	Wolfe, S
	MTuW 9:00am-2:00pm	Bldg JMP, Room 1216 (LAB)	
Lecture and laboratory. Experience with plastics production equipment including an intensive study of thermoplastic and thermosetting resins and their fabrication processes.			
EDIT 399	Trade Competence 10-20 credits. Grading Method: REG/P-FAUD		
0101	Time Arranged	Room Arranged	Stough, K
0201	Time Arranged	Room Arranged	Stough, K
EDIT 434	Color Reproduction in Graphic Communications 3 credits. Grading Method: REG/P-FAUD		
Prerequisites: EDIT 234, and EDIT 334, and EDIT 335 or equivalent.			
0101	MTuWThF 9:00am-12:00pm	Bldg JMP, Room 2222	Bell, T
An advanced study of the theory and processes of color graphics reproduction. Continuous-tone color photography, flat color reproduction, process color separations and the reproduction of a multi color product on a semi-automatic or automatic printing press.			
EDIT 457	Tests and Measurements 3 credits. Grading Method: REG/P-FAUD		
0101	TuTh 7:00pm-10:20pm	Bldg JMP, Room 3201	Beatty, C
The construction of objective tests for occupational and vocational subjects. Use of measures in domains of learning and examination of test analysis techniques.			
EDIT 460	Design Illustrating II 2 credits. Grading Method: REG/P-FAUD		
Prerequisite: EDIT 160			
0101	MW 5:00pm-10:00pm	Bldg JMP, Room 2229	STAFF
	MW 5:00pm-10:00pm	Bldg JMP, Room 2229 (LAB)	
Advanced drawing, rendering, shadow construction, lettering techniques and advanced pictorial representation techniques.			
EDIT 462	Occupational Analysis and Course Construction 3 credits. Grading Method: REG/P-FAUD		
0201	TuTh 7:00pm-10:20pm	Bldg JMP, Room 3225	Herschbach, D
Application of the techniques of occupational and job analysis concepts to instructional development and the design of occupational programs.			

EDIT continued

EDIT 464	Laboratory Organization and Management 3 credits. Grading Method: REG/P-FAUD		
0201	Meets JUL 15 to AUG 9		
	TuTh 3:40pm-7:00pm	Bldg JMP, Room 2202	Beatty, C
The basic elements of organizing and managing an industrial education program, the selection of equipment, facility development, legal responsibilities of laboratory instructors, inventory, storage control and safety.			
EDIT 474	Organization and Administration of Youth Groups 3 credits. Grading Method: REG/P-FAUD		
0101	Meets JUN 22 to JUL 10		
	MW 7:00pm-10:20pm	Bldg JMP, Room 1202	Martinez, R
Principles, practices, and theoretical considerations related to youth organizations as a curricular function of the subject areas of industrial arts, business and marketing education, home economics, health occupations and trades and industry.			
EDIT 476	Application of Technology to Societal Problems 3 credits. Grading Method: REG/P-FAUD		
CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course.			
0101	TuTh 4:00pm-7:20pm	Bldg JMP, Room 3105	Sullivan, D
A study of alternatives and consequences of a technological society with respect to such areas as housing, transportation, energy, communications, production, trash and waste disposal, water development, and pollution control.			
EDIT 477	Microcomputer Applications in Technology and Industry 3 credits. Grading Method: REG/P-FAUD		
Prerequisite: EDD 487 or CMSC 103 or permission of department.			
0101	MW 7:00pm-10:20pm	Bldg JMP, Room 2115	Wang, D
Manufacturing, safety, and training applications in industrial settings including in programming and software utilization.			
EDIT 485	Field Experiences in Business Education 3 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
EDIT 486	Field Experiences in Marketing and Distributive Education 3 credits. Grading Method: REG/P-FAUD		
0101	Time Arranged	Room Arranged	STAFF
EDIT 488D	Selected Topics in Education: Auto CAD 3 credits. Grading Method: REG/P-FAUD		
0201	MW 6:00pm-10:00pm	Bldg JMP, Room 2115	Galloway, D
	MW 6:00pm-10:00pm	Bldg JMP, Room 2115 (LAB)	
EDIT 488M	Selected Topics in Education: Professional Association Management 3 credits. Grading Method: REG/P-FAUD		
Permission of department required.			
0101	TuTh 7:00pm-10:20pm	Bldg JMP, Room 3104	Gentzler, Y
EDIT 492	Issues Encountered in Daily Living in the Home 3 credits. Grading Method: REG/P-FAUD		
USP Advanced Studies Analysis of Human Problems Course. Junior standing.			
0101	TuTh 9:00am-12:40pm	Bldg JMP, Room 3104	Browne, L
Addresses issues such as differing values, orientations, communication styles and the integration of family living, work, and parenting.			
EDIT 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
EDIT 499R	Workshops, Clinics, and Institutes: Work Experience, Trade Advancement 1-6 credits. Grading Method: REG/P-FAUD		
0101	Time Arranged	Room Arranged	Beatty, C
0201	Time Arranged	Room Arranged	Beatty, C
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 week (30 hours) participation along with a written implementation plan is needed per credit.			
EDIT 788M	Selected Topics in Education: Professional Association Management 1-3 credits. Grading Method: REG/AUD		
0101	TuTh 7:00pm-10:20pm	Bldg JMP, Room 3104	Gentzler, Y
EDIT 788N	Selected Topics in Education: Practical Reasonings in Home Economics Curriculum 3 credits. Grading Method: REG/AUD		
0201	Meets JUL 13 to JUL 31		
	MW 9:00am-1:00pm	Bldg JMP, Room 2202	Hultgren, F
EDIT 788P	Selected Topics in Education: Phenomenological Writing 3 credits. Grading Method: REG/AUD		
0201	TuTh 4:00pm-7:00pm	Bldg JMP, Room 2115	Hultgren, F
EDIT 798	Special Problems in Education 1-6 credits. Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
EDIT 799	Master's Thesis Research 1-6 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
EDIT 888	Apprenticeship in Education 1-8 credits. Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
EDIT 889	Internship in Education 3-8 credits. Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
EDIT 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 410	Principles of Testing and Evaluation 3 credits. Grading Method: REG/AUD		
Junior standing.			
0101	MTuWTh 12:30pm-2:10pm	Bldg EDU, Room 0212	STAFF
Classroom assessment, testing principles, reliability and validity, uses of standardized tests, reporting procedures, computer technology, as applied to measurement.			
EDMS 451	Introduction to Educational Statistics 3 credits. Grading Method: REG/AUD		
USP Advanced Studies Development of Knowledge Course. Junior standing. BMGT, PSYC, and ECON majors and possibly other students who programmatically require a different introductory applied statistics course may not use EDMS 451 to satisfy the USP Advanced Studies requirement.			
0101	MTuWTh 9:30am-11:00am	Bldg EDU, Room 1107	DeAyala, R
0102	MTuWTh 9:30am-11:00am	Bldg EDU, Room 1107	DeAyala, R
0201	MTuWTh 11:30am-11:00am	Bldg EDU, Room 1107	STAFF
0202	MTuWTh 11:30am-11:00pm	Bldg EDU, Room 1107	STAFF
Introduction to statistical reasoning, location and dispersion measures, computer applications, regression and correlation, formation of hypotheses tests, t-test, one-way analysis of variance, analysis of contingency tables.			

EDMS continued

EDMS 645	Quantitative Research Methods I 3 credits, Grading Method: REG/AUD
0101	MTuWTh 5:00pm-6:40pm Bldg. EDU, Room 2119 Dayton, C
0201	MTuWTh 3:00pm-4:40pm Bldg. EDU, Room 2119 Macreedy, G Research design and statistical applications in educational research. data representation, descriptive statistics, estimation and hypothesis testing. Application of statistical computer packages is emphasized.
EDMS 646	Quantitative Research Methods II 3 credits, Grading Method: REG/AUD
0101	MTuWTh 7:00pm-8:40pm Bldg. EDU, Room 1121 Dayton, C
0201	MTuWTh 5:00pm-6:40pm Bldg. EDU, Room 2119 Macreedy, G A second level of quantitative statistics covering the analysis of variance procedures and designs. Assignments include student analysis of survey data. Application of statistical computer packages is emphasized.
EDMS 651	Intermediate Statistics in Education 3 credits, Grading Method: REG/AUD
0201	MTuWTh 7:00pm-8:40pm Bldg. EDU, Room 1107 STAFF Multivariate analysis of variance, multiple regression and correlation analysis, computer packages for statistical analysis.
EDMS 779	Seminar in Applied Statistics 1 credit, Grading Method: REG
0201	Permission of department required Room Arranged STAFF Time Arranged Room Arranged STAFF Enrollment restricted to doctoral students with a major or minor in measurement, statistics and evaluation
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 210	Historical and Philosophical Perspectives on Education 3 credits, Grading Method: REG/F/AUD
0101	CORE Distributive Studies Humanities Course: USP Distributive Studies Area A Cultural and Historical Course TuTh 7:00pm-10:20pm Bldg. EDU, Room 3233 Noll, J An examination of illustrative historical and philosophical examples of the interplay of ideas and events in the shaping of educational aims and practices from ancient cultures to modern technological societies.
EDPA 301	Foundations of Education 3 credits, Grading Method: REG/F/AUD
0101	TuTh 3:40pm-7:00pm Bldg. EDU, Room 2101 Male, G
0102	MW 7:00pm-10:20pm Bldg. EDU, Room 2119 Noll, J
0103	MW 3:40pm-7:00pm Bldg. EDU, Room 2101 Lindsay, R
0201	MW 3:40pm-7:00pm Bldg. EDU, Room 2102 Agre, G
0202	TuTh 3:40pm-7:00pm Bldg. EDU, Room 1315 Splaine, J Historical, social, cultural, and philosophical foundations of American education. Considers education 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/F/AUD
0101	USP Advanced Studies Analysis of Human Problems Course TuTh 7:00pm-10:20pm Bldg. EDU, Room 2102 Splaine, J
0201	TuTh 7:00pm-10:20pm Bldg. EDU, Room 2101 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 498	Special Problems in Education 1-3 credits, Grading Method: REG/F/AUD
0101	Permission of department required Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDPA 627	Education Policy: An International Perspective 3 credits, Grading Method: REG/AUD
0101	MW 3:40pm-7:00pm Bldg. EDU, Room 0114 Male, G An analysis of education policy issues in various parts of the world. Comparisons with the United States. Teachers' organizations and citizen participation in policy determination. Ethnic and racial group pressures and attempts to control education policy.
EDPA 634	The School Curriculum 3 credits, Grading Method: REG/AUD
0101	MW 7:00pm-10:20pm Bldg. EDU, Room 2119 Agre, G Selden, S A foundations course embracing the curriculum as a whole from early childhood through adolescence, including a review of historical developments, an analysis of conditions affecting curriculum change, an examination of issues in curriculum making, and a consideration of current trends in curriculum development.
EDPA 635	Principles of Curriculum Development 3 credits, Grading Method: REG/AUD
0201	TuTh 3:40pm-7:00pm Bldg. EDU, Room 2101 Bernan, 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 643	Management of Human Resources in Education 3 credits, Grading Method: REG/AUD
0201	MW 7:00pm-10:20pm Bldg. EDU, Room 2102 Goldman, H Fundamental issues related to the management of human resources. Strategies for managing human resources, ethical issues confronting managers, pay-related and collective bargaining.
EDPA 690	Research in Education Policy, Planning and Administration 3 credits, Grading Method: REG/AUD
0101	TuTh 3:40pm-7:00pm Bldg. EDU, Room 1203 Heid, C
0201	MW 7:00pm-10:20pm Bldg. EDU, Room 2119 Agre, G Introduction to research methods and designs used in studies of education policy, planning, and administration.
EDPA 700	Qualitative Research Methods in Education 3 credits, Grading Method: REG/AUD
0101	MW 3:40pm-7:00pm Bldg. EDU, Room 1203 Huden, D
0102	MW 7:00pm-10:20pm Bldg. EDU, Room 1203 Huden, 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 772	Practicum in Leadership Behaviors 3 credits, Grading Method: REG/AUD
0201	Prerequisite: EDPA 660 and EDPA 661, or permission of department MW 3:40pm-7:00pm Bldg. EDU, Room 2101 Goldman, H Practicum in the use of social exchange behaviors in administrative/leader-ship situations. Emphasis on developing/development of exchanging behaviors/enhancing employee commitment and productivity in human service organizations.

EDPA continued

EDPA 788B	Special Topics in Education Policy and Administration: Interinstitutional Cooperation 3 credits, Grading Method: REG/AUD
0101	MW 3:40pm-7:00pm Bldg. EDU, Room 2203 Berdahl, R
EDPA 788S	Special Topics in Education Policy and Administration: Higher Education Budgeting: Theory and Practice 1-3 credits, Grading Method: REG/AUD
0201	TuTh 3:40pm-7:00pm Bldg. EDU, Room 2102 Schmidtlin, F
EDPA 798	Special Problems in Education 1-6 credits, Grading Method: REG/AUD
0101	Permission of department required 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
0101	Permission of department required. Prerequisite: EDPA 635 TuTh 7:00pm-10:20pm Bldg. EDU, Room 2101 Selden, S Critical and analytic review of major theories, concepts and language forms relevant to current curriculum theory and development.
EDPA 889	Internship in Education: Internship in Education 3-8 credits, Grading Method: S-F
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDPA 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF

EDSP EDUCATION, SPECIAL (EDUCATION)

EDSP 210	Introduction to Special Education 3 credits, Grading Method: REG/AUD
0101	MW 4:00pm-7:20pm Bldg. EDU, Room 1107 Cooper, D Characteristics and needs of children with handicaps. Current issues in special education.
EDSP 402	Field Placement: Severely Handicapped 1-2.5 credits, Grading Method: REG
0101	Permission of department required. Pre- or corequisites: EDSP 400, and EDSP 404 or permission of department. Students without the required co- or prerequisites can register for this course with departmental approval. Open to special education graduate students only for this term. Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF Practicum experience in settings serving severely handicapped individuals. Enrollment limited to those admitted to severely handicapped specialty area. Field placement for two to five half-days per week.
EDSP 421	Field Placement: Early Childhood Special Education I 2-3 credits, Grading Method: REG
0101	Permission of department required. Pre- or corequisite: EDSP 420, and EDCI 410. Students without the required pre- or corequisites can register for this course with departmental approval. Open to special education graduate students only for this term. Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF Practicum experience in settings serving preschool handicapped children. Opportunities for studying the patterns of development and learning among nonverbal and handicapped infants and older preschoolers. Enrollment limited to students admitted to early childhood specialty. Field placement for two or three half-days per week.
EDSP 442	Field Placement: Educationally Handicapped I 2-3 credits, Grading Method: REG
0101	Permission of department. Students without the required pre- or corequisites can register for this course with departmental approval. Open to special education graduate students only for this term. Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF Practicum experience in settings serving educationally handicapped individuals. Demonstration of the content of EDSP 441. Enrollment limited to students admitted to educationally handicapped specialty. Field placement for two or three half-days per week.
EDSP 461	Field Placement: Career/Vocational I 2-3 credits, Grading Method: REG
0101	Permission of department required. Pre- or corequisite: EDSP 460, and EDCI 456; and EDI 421 or permission of department. For EDSP majors only. Students without the required pre- or corequisites can register for the course with departmental approval. Open to special education graduate students only for this term. Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF Practicum experience in career/vocational education for the handicapped. Field placement for two or three half-days per week.
EDSP 470	Introduction to Special Education 3 credits, Grading Method: REG/AUD
0201	Open to all students except undergraduate special education majors MW 4:00pm-7:20pm Bldg. EDU, Room 0212 Agre, G Anderson, M Designed to give an understanding of the needs of all types of exceptional children.
EDSP 491	Characteristics of Learning Disabled Students 3 credits, Grading Method: REG/AUD
0201	Prerequisite: EDSP 470 or permission of department TuTh 4:00pm-7:20pm Bldg. EDU, Room 0212 Harris, K Diagnosis, etiology, physical, social, and emotional characteristics of learning disabled students.
EDSP 498	Special Problems in Special Education 1-6 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDSP 600	Exceptional Children and Youth 3 credits, Grading Method: REG/AUD
0101	Prerequisite: 9 hours in special education and permission of department TuTh 4:00pm-7:20pm Bldg. EDU, Room 0212 Egel, A Examines research relevant to the education of exceptional children and youth.
EDSP 798	Special Problems in Special Education 1-6 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDSP 799	Master's Thesis Research 1-6 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDSP 888	Apprenticeship in Special Education 1-8 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDSP 889	Internship in Special Education 3-8 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
EDSP 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF

ENAE ENGINEERING, AEROSPACE (ENGINEERING)

ENAE 201	Introduction to Aerospace Engineering I		
	2 credits, Grading Method REG/P-F/AUD		
	Prerequisite: ENES 110		
0101	MTUWTh 8 00am-9 20am	Bldg. EGR, Room 2154	Wrnblade, R
	History of aeronautical engineering, technical fundamentals, the standard atmosphere, basic aerodynamics, and the aerodynamics of airfoils, wings and other aerodynamic shapes.		
ENAE 202	Introduction to Aerospace Engineering II		
	2 credits, Grading Method REG/P-F/AUD		
	Prerequisite: ENAE 201		
0201	MTUWTh 8 00am-9 20am	Bldg. EGR, Room 0108	Wrnblade, R
	Elements of airplane performance. Principles of airplane stability and control. Basic astronautics, including orbital and escape trajectories, flight propulsion fundamentals, propellers, IC engines, jet and rocket engines.		
ENAE 345	Flight Dynamics 3 credits, Grading Method REG/P-F/AUD		
	Prerequisites: ENES 221 and MATH 246		
0101	MTUWTh 9 30am-9 20am	Bldg. EGR, Room 0108	Regan, F
	Kinematics and concept of system state. Dynamic principles applied to particles, discrete mass and continuously distributed mass systems. Lagrangian dynamics, dynamic stability of systems, applications to dynamics of aerospace vehicles and vehicle components.		
ENAE 371	Aerodynamics 1.5 credits, Grading Method REG/P-F/AUD		
	Prerequisites: ENAE 202 and PHYS 202, and MATH 241. Corequisite: MATH 246		
0201	MTUWThF 9 30am-10 50am	Bldg. EGR, Room 0110	Jones, E
	Basic fluid mechanics and aerodynamic theory.		
ENAE 475	Viscous Flow and Aerodynamic Heating 3 credits, Grading Method REG		
	Prerequisites: ENAE 371, and ENAE 471, and ENME 247		
0201	MTUWThF 8 00am-9 20am	Bldg. EGR, Room 1108	Jones, E
	Fundamental aspects of viscous flow, Navier-Stokes equations, similarity, boundary layer equations, laminar, transitional and turbulent incompressible flows on airfoils, thermal boundary layers and convective heat transfer, conduction through solids, introduction to radiative heat transfer.		
ENAE 499	Elective Research 1-3 credits, Grading Method REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENAE 799	Master's Thesis Research 1-6 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENAE 899	Doctoral Dissertation Research 1-8 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENAG ENGINEERING AGRICULTURAL (AGRICULTURE)

ENAG 489	Special Problems in Agricultural Engineering		
	1-3 credits, Grading Method REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENAG 499	Special Problems in Agricultural Engineering Technology		
	1-3 credits, Grading Method REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENAG 699	Special Problems in Agricultural and Aquacultural Engineering		
	1-6 credits, Grading Method REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENAG 799	Master's Thesis Research 1-6 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENAG 899	Doctoral Dissertation Research 1-8 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENCE ENGINEERING, CIVIL (ENGINEERING)

ENCE 489	Special Problems in Civil Engineering 3 credits, Grading Method REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENCE 667	Construction Operations and Improvement 3 credits, Grading Method REG		
0101	MW 7 00pm-10 20pm	Bldg. EGR, Room 1106	Maloney, W
	Applications of time lapse photography, crew balance, process charts, delay surveys, and other techniques to permit improvement analysis of construction operations. The use of safety, incentive, and communication programs to bring about improvement.		
ENCE 688	Advanced Topics in Civil Engineering 1-3 credits, Grading Method REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENCE 689	Seminar 1-16 credits, Grading Method REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
ENCE 799	Master's Thesis Research 1-6 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENCE 899	Doctoral Dissertation Research 1-8 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENCH ENGINEERING, CHEMICAL (ENGINEERING)

ENCH 215	Chemical Engineering Analysis 3 credits, Grading Method REG		
	Prerequisite: CHEM 104 Pre- or corequisite: MATH 141		
0101	MTUWThF 9 30am-10 50am	Bldg. CHE, Room 2145	STAFF
	Introduction to methods of chemical engineering calculations and analysis. Stoichiometric relations, material and energy balances, and behavior of gases, vapors, liquids and solids. Analytical and computer methods.		
ENCH 250	Computer Methods in Chemical Engineering 3 credits, Grading Method REG/P-F/AUD		
	Prerequisites: ENES 101, and ENCH 215		
0201	MTUWThF 2 00pm-3 20pm	Bldg. CHE, Room 2136	STAFF
	Algorithmic development and application of software to the analysis of chemical engineering problems. File management and editing, graphics and numerical methods. Use of spreadsheets, statistics/math software and process simulators for the design of chemical process equipment.		

ENCH continued

ENCH 488	Research 1-3 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENCH 648	Special Problems in Chemical Engineering 1-6 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENCH 799	Master's Thesis Research 1-6 credits, Grading Method REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENCH 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 Work Experience No credit, Grading Method S-F		
	Permission of department required. Completion of freshman and sophomore engineering requirements		
0101	Time Arranged	Room Arranged	Sauber, H
0201	Time Arranged	Room Arranged	Sauber, H

ENEE ENGINEERING, ELECTRICAL (ENGINEERING)

ENEE 204	Basic Circuit Theory 3 credits, Grading Method REG		
	Permission of department required. Prerequisite: MATH 246 Engineering College only (04)		
0101	Meets JUN 1 to JUL 22		
0201	MTUWTh 12 30pm-1 50pm	Bldg. EGR, Room 0108	STAFF
	Basic circuit elements: resistors, capacitors, inductors, sources, mutual inductance and transformers, their I-V relationships. Kirchhoff's Laws: DC and AC steady state analysis. Phasors, node and mesh analysis, superposition, theorems of Thevenin and Norton. Transient analysis for first- and second-order circuits.		
ENEE 244	Digital Logic Design 3 credits, Grading Method REG		
	Permission of department required. Prerequisite: ENES 240. Engineering College only (04)		
0101	Meets JUN 1 to JUL 22		
0201	MTUWTh 9 30am-10 50am	Bldg. EGR, Room 1108	STAFF
	Gates, flip-flops, registers and counters. Karnaugh map simplification of gate networks. Switching algebra. Synchronous sequential systems, PLAs. Elements of binary arithmetic units.		
ENEE 300	Principles of Electrical Engineering 3 credits, Grading Method REG		
	Permission of department required. Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses. Engineering College only (04).		
0101	Meets JUN 1 to JUL 22		
0201	MTUWTh 9 30am-10 50am	Bldg. EGR, Room 3106	STAFF
	Analysis of linear systems; introduction to Laplace transforms, steady-state A-C transforms, introduction to the concepts of electromagnetic fields and electric machines.		
ENEE 301	Electrical Engineering Laboratory 1 credit, Grading Method REG		
	Permission of department required. Corequisite: ENEE 300. Engineering College only (04)		
0101	Meets JUN 1 to JUL 22		
0201	MW 12 30pm-1 30pm	Bldg. EGL, Room 0124	STAFF
	Experiments on the transient and steady-state response of linear circuits, electric machines, electron tubes and semi-conductor devices.		

All lower-division CHEM, MATH, PHYS and Engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400-level ENEE course (except ENEE 300 and ENEE 301). Transfer students will be allowed one term to complete all such courses after starting to take upper-level ENEE courses.

ENEE 302	Analog Electronic Circuits 3 credits, Grading Method REG		
	Permission of department required. Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note. ENEE majors (09090) only		
0101	Meets JUN 1 to JUL 22		
0201	MTUWTh 9 30am-10 50am	Bldg. EGR, Room 1106	STAFF
	Basic electronic elements (diodes, bipolar transistors, MOSFETs) and their characteristics and principles of operation. Small-signal analysis. Circuit models with controlled sources. Diode circuits. Low-frequency amplifiers and feedback. Frequency response of amplifiers. Operational amplifiers and their applications. Wave-shaping and waveform generators. Elements of power electronics.		
ENEE 305	Fundamental Laboratory 2 credits, Grading Method REG		
	Permission of department required. Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses. ENEE majors only (09090).		
0101	Meets JUN 1 to JUL 22		
0201	MW 12 30pm-1 30pm	Bldg. EGR, Room 3114	STAFF
0301	MW 1 30pm-4 30pm	Bldg. EGL, Room 0132A (LAB)	
0102	Meets JUN 1 to JUL 22		
0201	TuTh 12 30pm-1 30pm	Bldg. EGR, Room 3114	STAFF
0301	TuTh 1 30pm-4 30pm	Bldg. EGL, Room 0132A (LAB)	
	Concepts and techniques of physical measurements using standard electrical measuring devices: generators, oscilloscopes, voltmeters, etc. Measurements of linear and non-linear circuits; steady state and step response; integrated circuits. Handling and use of data.		
ENEE 312	Digital Electronic Circuits 3 credits, Grading Method REG		
	Permission of department required. Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only		
0101	Meets JUN 1 to JUL 22		
0201	MTUWTh 8 00am-9 20am	Bldg. EGR, Room 1126	STAFF
	Review of basic semiconductor devices and technology. Inverters, gates and logic families. Analysis and design of combinational circuits (adder, comparator, encoder/decoder). Memories. Analysis and design of sequential circuits (flip-flops, registers, counters). Large scale integrated systems (dynamic MUX registers, EPROMs, PLA, CDB). Analog-to-digital converters. Elements of CAD, including use of the SPICE computer package.		
ENEE 322	Signal and System Theory 3 credits, Grading Method REG		
	Permission of department required. Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note. ENEE majors (09090) only		
0101	Meets JUN 1 to JUL 22		
0201	MTUWTh 11 00am-12 20pm	Bldg. EGR, Room 0108	Pepamarcou, A
	Concept of linear systems; state-space analysis. Continuous and discrete systems; time domain analysis of linear systems. Fourier, Laplace and Z transforms. Application of theory to problems in electrical engineering.		

ENEE continued

ENEE 324	Engineering Probability 3 credits, Grading Method REG Permission of department required. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101	Meets JUN 1 to JUL 22 MTuWThF 9:30am-10:50am Bldg EGR, Room 1120 STAFF Assumptions of probability, conditional probability and Bayes' rules, random variables, probability distribution and densities, functions of random variables, correlation law of large numbers and central limit theorem. Introduction to random processes, weak law of large numbers, spectral densities, and linear systems. Applications to noise in electrical systems, filtering of signals from noise, estimation, and digital communications.
ENEE 350	Computer Organization 3 credits, Grading Method REG Permission of department required. Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 250. Formerly ENEE 250. Enee majors (09090) only.
0101	Meets JUN 1 to JUL 22 MTuWThF 9:00am-9:20am Bldg EGR, Room 3114 STAFF Structure and organization of digital computers. Registers, memory, control and I/O. Data and instruction formats, addressing modes, assembly language programming. Elements of system software, subroutines and their linkages.
ENEE 380	Electromagnetic Theory 3 credits, Grading Method REG Permission of department required. Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090).
0101	Meets JUN 1 to JUL 22 MTuWTh 9:00am-9:20am Bldg EGR, Room 1120 STAFF Introduction to electromagnetic fields. Coulomb's law, Gauss's law, electrical potential, dielectric materials, capacitance, boundary value problems, Biot-Savart law, Ampere's law, Lorentz force equation, magnetic materials, magnetic circuit, inductance, time-varying fields and Maxwell's equations.
ENEE 381	Electromagnetic Wave Propagation 3 credits, Grading Method REG Permission of department required. Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101	Meets JUN 1 to JUL 22 MTuWTh 11:00am-12:20pm Bldg EGR, Room 1108 STAFF Review of Maxwell's equations, the wave equation, potentials, Poynting's theorem. Transmission, lossy medium, skin effect. Parallel-plate and rectangular wave-guides. Radiation, retarded potentials, radiation from dipole.
ENEE 413	Electronics Laboratory 2 credits, Grading Method REG Permission of department required. Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090).
0101	Meets JUN 1 to JUL 22 MW 12:00pm-1:30pm Bldg EGR, Room 1110 STAFF MW 1:30pm-4:30pm Bldg EGR, Room 0122 (LAB) STAFF
0102	Meets JUN 1 to JUL 22 TuTh 12:30pm-1:30pm Bldg EGR, Room 1110 STAFF TuTh 1:30pm-4:30pm Bldg EGR, Room 0122 (LAB) STAFF The specification, design and testing of basic electronic circuits and practical interconnections. Emphasis on design with discrete solid state and integrated circuit components for both analog and digital circuits.
ENEE 418	Projects in Electrical Engineering 1-3 credits, Grading Method REG Permission of department required.
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
ENEE 440	Microprocessors 3 credits, Grading Method REG Permission of department required. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101	Meets JUN 1 to JUL 22 MTuWThF 9:00am-9:20am Bldg EGR, Room 2103 STAFF Microprocessor architectures, instruction sets, and applications. Bus structures, memory, I/O interfacing, programming, and the scheduling of microprocessors in other systems.
ENEE 609A	Projects in Electrical Engineering 1-3 credits, Grading Method REG/AUD Permission of department required.
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF
ENEE 729	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
ENEE 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

ENES

ENGINEERING SCIENCE (ENGINEERING)

ENES 101	Introductory Engineering Science 3 credits, Grading Method REG/P-FAUD For engineering majors only.
0101	MTuWThF 9:30am-10:50am Bldg CHE, Room 2136 STAFF
0102	MTuWThF 8:00am-9:20am Bldg CHE, Room 2136 STAFF
0201	MTuWThF 9:30am-10:50am Bldg CHE, Room 2136 STAFF Basic languages of the engineer. Elements of graphic communication and analysis. Orthographic projection, conventions, graphs and curve-fitting. Introduction to structured computer programming. Engineering orientation.
ENES 101A	Introductory Engineering Science 3 credits, Grading Method REG/P-FAUD Permission of dean required. High school students only.
0201	MWF 9:00am-11:25am Bldg EGR, Room 0135 STAFF
ENES 101S	Introductory Engineering Science 3 credits, Grading Method REG Permission of department required. High school students only.
0201	MWF 8:30am-10:50am Bldg EGR, Room 2154 STAFF
ENES 101W	Introductory Engineering Science 3 credits, Grading Method REG/P-FAUD Permission of dean required. High school students only.
0201	MWF 9:00am-11:25am Bldg EGR, Room 1110 STAFF
ENES 110	Statics 3 credits, Grading Method REG/P-FAUD Corequisite: MATH 141.
0101	MTuWThF 9:30am-10:50am Bldg EGR, Room 2154 STAFF
0102	MTuWThF 11:00am-12:20pm Bldg EGR, Room 1106 STAFF The equilibrium of stationary bodies under the influence of various kinds of forces: Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, and friction. Vector and scalar methods are used to solve problems.

ENES continued

ENES 121A	The World of Engineering 3 credits, Grading Method REG/P-FAUD USP Distributive Studies Area B: Natural Sciences and Mathematics Course. TuTh 9:00am-12:20pm Bldg EGR, Room 0104 STAFF Permission of Dean required. High school students only.
ENES 121W	The World of Engineering 3 credits, Grading Method REG/P-FAUD USP Distributive Studies Area B: Natural Sciences and Mathematics Course. Permission of dean required. High school students only.
0201	TuTh 9:00am-12:20pm Bldg EGR, Room 2154 STAFF
ENES 220	Mechanics of Materials 3 credits, Grading Method REG/P-FAUD Prerequisites: MATH 141, and PHYS 161, and ENES 110.
0101	MTuWThF 8:00am-9:20am Bldg EGR, Room 0135 STAFF
0102	MTuWThF 11:00am-12:20pm Bldg EGR, Room 0135 STAFF Distortion of engineering materials in relation to changes in stress or temperature. Geometry of internal strain and external displacement. Application to beams, columns, shafts, tanks, and other structural, machine and vehicle members.
ENES 221	Dynamics 3 credits, Grading Method REG/P-FAUD Prerequisites: MATH 141, and PHYS 161.
0101	MTuWThF 9:30am-10:50am Bldg EGR, Room 1126 STAFF
0102	MTuWThF 11:00am-12:20pm Bldg EGR, Room 0110 STAFF Systems of heavy particles and rigid bodies. Motion of one body relative to another in a plane and in space.
ENES 240	Engineering Computation 3 credits, Grading Method REG/P-FAUD Permission of department required. Prerequisite: MATH 141. Open only to students in the College of Engineering (04).
0101	Meets JUN 1 to JUL 22 MTuWTh 9:00am-10:50am Bldg EGR, Room 0108 STAFF Introduction to the design and implementation of algorithms to solve engineering problems using digital computers. Analysis of problems fundamental to engineering design, construction and diagnostic methods, description of effective procedures for solving them and implementing and testing of these solutions in a common high-level engineering oriented language such as FORTRAN. Techniques for data input and storage, selection of relevant numerical and non-numerical data for problem solutions, and the efficient ordering of data for meaningful output presentation.

ENFP ENGINEERING, FIRE PROTECTION (ENGINEERING)

ENFP 799	Master's Thesis Research 3-6 credits, Grading Method REG/S-F
0101	Time Arranged Room Arranged STAFF
0201	Time Arranged Room Arranged STAFF

ENGL ENGLISH (ARTS AND HUMANITIES)

ENGL 101	Introduction to Writing 3 credits, Grading Method REG 1TuWThF 9:30am-10:50am Bldg KEY, Room 0119 Donorwerth, J
0102	MW 6:00pm-9:15pm Bldg KEY, Room 0121 Pearson, B
0104	MTuWThF 11:00am-12:20pm Bldg SCP, Room 2121 Shapiro, N
0201	MTuWThF 9:30am-10:50am Bldg SCP, Room 2123 Hart, T
0202	MW 6:00pm-9:15pm Bldg SCP, Room 2119 Wimmer-Moul, C An introductory course in academic writing. An introductory course in expository writing.
ENGL 201	Western World Literature, Homer to the Renaissance 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. Recommended for non-majors.
0101	MTuWThF 9:30am-10:50am Bldg SCP, Room 2122 Wilson, G Homer to the Renaissance, foreign classics being read in translation.
ENGL 205	Introduction to Shakespeare 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course. Recommended for non-majors.
0101	MW 6:00pm-9:15pm Bldg SCP, Room 1117 Lenward, T
0201	MW 6:00pm-9:15pm Bldg SCP, Room 2121 Grossman, M Reading of selected representative plays including the major tragedies.
ENGL 222	American Literature: 1865 to Present 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.
0101	MTuWThF 9:30am-10:50am Bldg SCP, Room 1107 Van Egmond, P
ENGL 234	Introduction to African-American Literature 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.
0201	TuTh 6:00pm-9:15pm Bldg SCP, Room 1103 Loiselle, C A Survey of African-American literature from the late eighteenth century, to the present.
ENGL 241	Introduction to the Novel 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.
0101	MW 6:00pm-9:15pm Bldg SCP, Room 1105 Klein, D
ENGL 243	Introduction to Poetry 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. USP Distributive Studies Area C: Literature and the Arts Course.
0101	MTuWThF 9:30am-10:50am Bldg SCP, Room 2117 Biespiel, D
ENGL 246	The Short Story 3 credits, Grading Method REG/P-FAUD USP Distributive Studies Area C: Literature and the Arts Course.
0101	MTuWThF 9:30am-10:50am Bldg SCP, Room 1103 Salamanca, J
0201	MTuWThF 9:30am-10:50am Bldg SCP, Room 1107 O'Sullivan, S
ENGL 247	Literature of Fantasy 3 credits, Grading Method REG/P-FAUD USP Distributive Studies Area C: Literature and the Arts Course.
0201	MTuWThF 9:30am-10:50am Bldg SCP, Room 1101 Wiese, N Reading and analysis of various works of non-realistic literature, including "fantasy."
ENGL 250	Introduction to Literature by Women 3 credits, Grading Method REG/P-FAUD CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course.
0101	MTuWThF 9:30am-10:50am Bldg SCP, Room 2121 Ryan, L Images of women in literature by and about women.
ENGL 260	Introduction to Folklore 3 credits, Grading Method REG/P-FAUD USP Distributive Studies Area A: Cultural and Historical Course. Not open to students who have completed ENGL 360.
0101	TuTh 6:00pm-9:15pm Bldg SCP, Room 1121 Fry, G History, theory, and genres of folklore.
ENGL 281	Standard English Grammar, Usage, and Diction 3 credits, Grading Method REG/P-FAUD
0201	MTuWThF 8:00am-9:20am Bldg SCP, Room 1101 STAFF The basic structure of written English, including parts of speech, sentence patterns, standard punctuation, diction, and usage.

ENGL continued

ENGL 301	Critical Methods in the Study of Literature 3 credits, Grading Method: REG/P/A/UD For English and English education majors only.		
0101	MTuWThF 9:30am-10:50am	Blgd SCP Room 2120	Robinson, J
0102	TuTh 6:00pm-9:15pm	Blgd SCP Room 1105	Barry, J
0201	MW 6:00pm-9:15pm	Blgd SCP Room 1107	Handelman, S
	An introduction to the techniques of literary analysis and a brief survey of the most common approaches to literature.		
ENGL 310	Medieval and Renaissance British Literature 3 credits, Grading Method: REG		
0101	MW 6:00pm-9:15pm	Blgd SCP Room 1103	STAFF
	A perspective on medieval attitudes and values that explores the Middle Ages from the Renaissance, highlighting the changing role and purpose of the writer. Major works and authors include Beowulf, Chaucer, Spenser, and Sidney.		
ENGL 311	Baroque and Augustan British Literature 3 credits, Grading Method: REG		
0101	TuTh 6:00pm-9:15pm	Blgd SCP Room 1103	Hamilton, G
	An intensive study of major works of seventeenth and eighteenth century English literature exploring the variety of artists, ideas and techniques of the period.		
ENGL 312	Romantic to Modern British Literature 3 credits, Grading Method: REG		
0101	MW 6:00pm-9:15pm	Blgd SCP Room 1121	Auchard, J
0201	TuTh 6:00pm-9:15pm	Blgd SCP Room 2117	Cate, G
	An intensive study of major works of nineteenth and twentieth century English literature.		
ENGL 313	American Literature 3 credits, Grading Method: REG		
0101	TuTh 6:00pm-9:15pm	Blgd SCP Room 1101	Levine, R
	A detailed study of selected major texts of American literature from the 17th to the 20th century, including women's literature, black literature, and literature from various regions of the country.		
ENGL 320	English Romantic Literature 3 credits, Grading Method: REG		
	USP Advanced Studies Development of Knowledge Course Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421		
0101	MW 6:00pm-9:15pm	Blgd SCP Room 1101	Howard, J
0201	MTuWThF 9:30am-10:50am	Blgd SCP Room 1103	Bray, M
	Survey of fiction, poetry, and criticism. Emphasis on shifts in thinking from rationalism of the Enlightenment to the romanticism of the nineteenth century.		
ENGL 378	Independent Research in English 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
ENGL 379E	Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds 3 credits, Grading Method: REG		
	CORE Advanced Studies Development of Knowledge Course USP Advanced Studies Development of Knowledge Course		
0101	TuTh 6:30pm-10:00pm	Blgd SCP Room 1120	Miller, J
0201	TuTh 6:30pm-10:00pm	Blgd SCP Room 1120	Miller, J
ENGL 380	Internship 3-6 credits, Grading Method: REG/P/F/AUD		
	Permission of department required. Pre- or corequisite: ENGL 381 or ENGL 382, and permission of department.		
0201	Time Arranged	Room Arranged	Terchek, M
	The English Department's internship program. Professional experience in writing and editing in a variety of fields.		
ENGL 391	Advanced Composition 3 credits, Grading Method: REG		
	Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent		
0101	MTuWThF 8:00am-9:20am	Blgd SCP Room 2117	STAFF
0102	MTuWThF 9:30am-10:50am	Blgd KEY Room 0123	STAFF
0103	MTuWThF 9:30am-10:50am	Blgd SCP Room 1121	STAFF
0104	MTuWThF 11:00am-12:20pm	Blgd SCP Room 1107	STAFF
0107	MW 6:00pm-9:15pm	Blgd KEY Room 0123	STAFF
0108	TuTh 6:00pm-9:15pm	Blgd SCP Room 1107	Marcuse, M
0109	MW 6:00pm-9:15pm	Blgd SCP Room 1107	STAFF
0202	MTuWThF 9:30am-10:50am	Blgd SCP Room 1111	Fahnestock, J
0203	MTuWThF 11:00am-12:20pm	Blgd SCP Room 1123	STAFF
	An advanced composition course which emphasizes constructing written arguments accounts dated to real audiences.		
ENGL 393	Technical Writing 3 credits, Grading Method: REG		
	Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent		
0101	MTuWThF 8:00am-9:20am	Blgd SCP Room 2119	STAFF
0102	MTuWThF 9:30am-10:50am	Blgd SCP Room 2119	STAFF
0103	MTuWThF 9:30am-10:50am	Blgd KEY Room 0120	STAFF
0105	MTuWThF 11:00am-12:20pm	Blgd SCP Room 1123	STAFF
0107	MTuWThF 11:00am-12:20pm	Blgd SCP Room 2119	STAFF
0108	MW 6:00pm-9:15pm	Blgd KEY Room 0120	STAFF
0109	MW 6:00pm-9:15pm	Blgd SCP Room 2122	STAFF
0110	MW 6:00pm-9:15pm	Blgd SCP Room 2121	STAFF
0111	MW 6:00pm-9:15pm	Blgd SCP Room 2119	STAFF
0112	TuTh 6:00pm-9:15pm	Blgd SCP Room 2123	STAFF
0113	TuTh 6:00pm-9:15pm	Blgd SCP Room 2120	STAFF
0114	TuTh 6:00pm-9:15pm	Blgd SCP Room 1123	STAFF
0201	MTuWThF 9:30am-10:50am	Blgd SCP Room 2119	STAFF
0202	MTuWThF 11:00am-12:20pm	Blgd SCP Room 2120	STAFF
0204	MTuWThF 11:00am-12:20pm	Blgd SCP Room 2119	STAFF
0205	MTuWThF 11:00am-12:20pm	Blgd SCP Room 2120	STAFF
0207	MW 6:00pm-9:15pm	Blgd SCP Room 1111	STAFF
0208	MW 6:00pm-9:15pm	Blgd SCP Room 1111	STAFF
0209	TuTh 6:00pm-9:15pm	Blgd SCP Room 1105	STAFF
0210	TuTh 6:00pm-9:15pm	Blgd SCP Room 1111	STAFF
0211	TuTh 6:00pm-9:15pm	Blgd SCP Room 1101	STAFF
	The writing of technical papers and reports.		
ENGL 393X	Technical Writing 3 credits, Grading Method: REG		
	For students for whom English is a second language.		
0101	Meets JUN 1 to AUG 8		
0102	MWF 11:00am-12:30pm	Blgd SCP Room 1111	STAFF
0103	Meets JUN 1 to AUG 8		
0104	MWF 11:00am-12:30pm	Blgd SCP Room 2122	STAFF
ENGL 394	Business Writing 3 credits, Grading Method: REG		
	Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent		
	This course satisfies the junior English requirement.		
0101	MTuWThF 9:30am-10:50am	Blgd SCP Room 1111	STAFF
0102	MTuWThF 9:30am-10:50am	Blgd SCP Room 1123	STAFF
0103	TuTh 6:00pm-9:15pm	Blgd SCP Room 2122	STAFF
0104	MW 6:00pm-9:15pm	Blgd SCP Room 2120	STAFF
0201	MTuWThF 11:00am-12:20pm	Blgd SCP Room 1107	STAFF
0202	MW 6:00pm-9:15pm	Blgd SCP Room 1101	STAFF
0203	TuTh 6:00pm-9:15pm	Blgd SCP Room 1107	STAFF
	Intensive practice in the forms of written communication common in the business world—letters, memos, short reports, and proposals. Principles of rhetoric and effective style.		
ENGL 399A	Senior Seminar: Contemporary Women's Fiction 3 credits, Grading Method: REG		
	Permission of department required		
0101	MW 6:00pm-9:15pm	Blgd SCP Room 1123	Leonardi, S

ENGL continued

ENGL 432	American Literature, 1865 to 1914, Realism and Naturalism 3 credits, Grading Method: REG		
	CORE Advanced Studies Social and Ethical Problems Course USP Advanced Studies Development of Knowledge Course Prerequisite: two literature courses		
0101	MTuWThF 9:30am-10:50am	Blgd SCP Room 1101	Lawson, L
0201	MW 6:00pm-9:15pm	Blgd SCP Room 1121	Caramello, C
ENGL 466	Arthurian Legend 3 credits, Grading Method: REG/P/F/AUD		
0101	MTuWThF 9:30am-10:50am	Blgd SCP Room 1105	Herman, H
	Development of the Arthurian legend of heroism and love in English literature from medieval to modern times.		
ENGL 484	Advanced English Grammar 3 credits, Grading Method: REG		
	Credit will be granted for only one of the following: ENGL 484 or LING 402		
0101	MW 4:00pm-5:30pm	Blgd SCP Room 1121	Wong, S
ENGL 489A	Special Topics in English Language: The Language of Advertising 3 credits, Grading Method: REG		
	USP Advanced Studies Development of Knowledge Course		
0101	TuTh 6:00pm-9:15pm	Blgd SCP Room 2117	Coleman, L
0201	MTuWThF 9:30am-10:50am	Blgd SCP Room 2117	James, E
ENGL 601	Literary Research and Critical Contexts 3 credits, Grading Method: REG		
0101	TuTh 6:00pm-9:15pm	Blgd SCP Room 2119	Auerbach, J
ENGL 621	Readings in Renaissance English Literature 3 credits, Grading Method: REG		
0201	TuTh 6:00pm-9:15pm	Blgd SCP Room 1121	Coogan, R
ENGL 630	Readings in 20th Century English Literature 3 credits, Grading Method: REG		
0101	MW 6:00pm-9:15pm	Blgd SCP Room 1111	Russell, J
ENGL 699	Independent Study 1-3 credits, Grading Method: REG/AUD		
	Permission of department required		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENGL 749C	Studies in Twentieth-Century Literature: The Institutionalization of Post-Colonial Literature 3 credits, Grading Method: REG		
0101	TuTh 6:00pm-9:15pm	Blgd SCP Room 1111	Ray, S
ENGL 799	Master's Thesis Research 1-6 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENGL 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENMA

ENGINEERING, MATERIALS
(ENGINEERING)

ENMA 698	Special Problems in Engineering Materials 1-16 credits, Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENMA 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
ENMA 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

ENME

ENGINEERING, MECHANICAL
(ENGINEERING)

ENME 217	Thermodynamics 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisites: PHYS 262, and MATH 141		
0101	MTuWThF 8:00am-9:20am	Blgd EGR Room 1106	STAFF
0102	MTuWThF 11:00am-12:20pm	Blgd EGR Room 1120	STAFF
	Properties, characteristics, and fundamental equations of gases and vapors. Work transfer and heat transfer, first and second laws of thermodynamics, entropy, irreversibility, availability, and the thermodynamics of mixtures.		
ENME 310	Mechanics of Deformable Solids 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisite: ENES 220		
0101	MTuWThF 8:00am-9:20am	Blgd EGR Room 1108	STAFF
	Introduction to the mechanics of engineering materials in three dimensions. Concepts of stress, strain, generalized Hooke's law, and equilibrium of solids. Modes of failure including plasticity, stability, fatigue, and fracture will be treated.		
ENME 315	Intermediate Thermodynamics 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisite: ENME 217		
0101	MTuWThF 9:30am-10:50am	Blgd EGR Room 1104	STAFF
	Application of the first and second laws of thermodynamics in the analysis of basic heat engines, air compression and vapor cycles. Heat sources in fossil fuels and nuclear fuels. The thermodynamics of fluid flow.		
ENME 320	Thermodynamics 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisites: MATH 141, and PHYS 262		
0101	MTuWThF 9:30am-10:50am	Blgd EGR Room 0110	STAFF
	The properties, characteristics, and fundamental equations of gases and vapors. Application of the first and second laws of thermodynamics in the analysis of basic heat engines, air compression and vapor cycles. Heat sources in fossil fuels and nuclear fuels. The thermodynamics of fluid flow.		
ENME 321	Transfer Processes 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisite: ENME 342		
0101	MTuWThF 11:00am-12:20pm	Blgd EGR Room 1104	STAFF
	Conduction by steady state and transient heat flow, laminar and turbulent flow, free and forced convection, radiation, evaporation and condensation vapors. Transfer of mass, heat and momentum.		
ENME 342	Fluid Mechanics I 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisite: ENME 217		
0101	MTuWThF 11:00am-12:20pm	Blgd EGR Room 2154	STAFF
	Fluid flow phenomena and basic quantitative effects of viscosity. Dimensional analysis and laws of similitude. Flow through pipes and over immersed bodies. Principles of flow measurement.		
ENME 360	Dynamics of Machinery 3 credits, Grading Method: REG/P/F/AUD		
	Prerequisites: ENES 220, and ENES 221; and MATH 246		
0101	MTuWThF 8:00am-9:20am	Blgd EGR Room 3106	STAFF
	Dynamic characteristics of machinery with emphasis on systems with single and multiple degrees of freedom.		

ENME continued

ENME 381 Measurements Laboratory 3 credits, Grading Method REG-P-F/AUD			
Prerequisites: ENME 360, and ENEE 300			
0101	MTuWTh 12 30pm-1 30pm	Bldg EGR, Room 3106	STAFF
	MW 2 00pm-5 30pm	Bldg EGR, Room 1120 (LAB)	
0102	MTuWTh 12 30pm-1 30pm	Bldg EGR, Room 3106	STAFF
	TuTh 2 00pm-5 30pm	Bldg EGR, Room 1126 (LAB)	
Required of juniors in mechanical engineering. Measurements and measurement systems, application of selected instruments with emphasis on interpretation of results.			
ENME 400 Machine Design 3 credits, Grading Method REG-P-F/AUD			
Prerequisites: ENME 310 and ENME 360. Corequisite: ENME 401			
0101	MTuWThF 11 00am-12 20pm	Bldg CHE, Room 2108	STAFF
Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.			
ENME 401 The Structure and Properties of Engineering Materials 3 credits, Grading Method REG			
Corequisite: ENME 310			
0101	MTuWThF 9 30am-10 50am	Bldg EGR, Room 2112	STAFF
The nature and properties of engineering materials as related to their use in all phases of mechanical engineering will be studied. Materials covered include metals, ceramics and glasses, polymer and composites.			
ENME 403 Automatic Controls 3 credits, Grading Method REG-P-F/AUD			
Prerequisites: ENEE 300, and ENME 360. Senior standing			
0101	MTuWThF 9 00am-9 20am	Bldg EGR, Room 2112	STAFF
Hydraulic, electrical, mechanical and pneumatic automatic control systems. Open and closed loops. Steady state and transient operation, stability, criteria, linear and non-linear systems, Laplace transforms.			
ENME 414 Computer-Aided Design 3 credits, Grading Method REG-P-F/AUD			
Permission of department required. Prerequisites: ENME 205, and MATH 241 or equivalent.			
0101	MWF 4 30pm-6 45pm	Bldg EGR, Room 2154	STAFF
Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.			
ENME 488 Special Problems 3 credits, Grading Method REG-P-F/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENME 799 Master's Thesis Research 1-6 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENME 808 Advanced Topics in Mechanical Engineering 3 credits, Grading Method REG/AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENME 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENNU

ENGINEERING, NUCLEAR (ENGINEERING)

ENNU 215 Introduction to Nuclear Technology 3 credits, Grading Method REG-P-F/AUD			
Prerequisites: MATH 141, and PHYS 161			
0101	MTuWThF 9 30am-10 50am	Bldg CHE, Room 2140	STAFF
Engineering principles of the nuclear energy complex, including basic theory, use of computers, nuclear reactor design and isotopic and chemical substitutions.			
ENNU 468 Research 2-3 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENNU 648 Special Problems in Nuclear Engineering 1-6 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENNU 799 Master's Thesis Research 1-6 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENNU 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENRE

RELIABILITY ENGINEERING (ENGINEERING)

ENRE 648 Special Problems in Reliability Engineering 1-6 credits, Grading Method REG/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENRE 799 Master's Thesis Research 1-6 credits, Grading Method REG/S-F			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENRE 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG/S-F			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ENSE

SYSTEMS ENGINEERING (ENGINEERING)

ENSE 799 Master's Thesis Research 1-6 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	Asbjornsen, O
0201	Time Arranged	Room Arranged	STAFF

ENTM

ENTOMOLOGY (LIFE SCIENCES)

ENTM 100 Insects 3 credits, Grading Method REG-P-F/AUD			
CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course.			
0201	MTuWThF 9 30am-10 50am	Bldg SYM, Room 1308	STAFF
A survey of the major groups of insects, their natural history, and their relationships with humans and their environment.			

ENTM continued

ENTM 399 Special Problems 1-2 credits, Grading Method REG-P-F/AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENTM 699 Advanced Entomology 1-6 credits, Grading Method REG/AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENTM 789 Field Experience in Pest Management 1-6 credits, Grading Method REG/AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENTM 799 Master's Thesis Research 1-6 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
ENTM 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

FDSC

FOOD SCIENCE (AGRICULTURE)

FDSC 399 Special Problems in Food Science 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
FDSC 699 Special Problems in Food Science 1-4 credits, Grading Method REG/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
FDSC 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
FDSC 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

FMCD

FAMILY AND COMMUNITY DEVELOPMENT (HUMAN ECOLOGY)

FMCD 105 The Individual in the Family 3 credits, Grading Method REG-P-F/AUD			
0101	TuTh 1 00pm-4 20pm	Bldg MMH, Room 1304	Epstein, N
Study of personality development within the family context. Emphasis on identity and self-awareness.			
FMCD 201 Concepts in Community Development 3 credits, Grading Method REG-P-F/AUD			
0101	MW 1 00pm-4 20pm	Bldg MMH, Room 1304	Hanna, W
Theory and practice of development in neighborhood, national and international communities. Models for community action program development and service delivery.			
FMCD 202 Methods for Family, Community and Management Studies 3 credits, Grading Method REG-P-F/AUD			
0101	TuTh 1 00pm-4 20pm	Bldg MMH, Room 3418	Wellen, J
Introduction to the methods of the social and behavioral sciences employed in family, community and management-consumer studies. The role of theory, the development of hypotheses, measurement, validity, data collection, and data analysis.			
FMCD 260 Interpersonal Life Styles 3 credits, Grading Method REG-P-F/AUD			
Prerequisite: FMCD 105 or equivalent			
0101	MW 9 00am-12 20pm	Bldg MMH, Room 1304	Rubin, R
Couple relationships in contemporary dating, courtship and marriage, and their alternatives.			
FMCD 330 Family Patterns 3 credits, Grading Method REG/AUD			
USP Distributive Studies Area A Cultural and Historical Course. Junior standing			
0101	TuTh 9 00am-12 20pm	Bldg MMH, Room 1304	Leslie, L
0102	MW 1 00pm-4 20pm	Bldg MMH, Room 1400	Leslie, L
0201	MW 9 00am-12 50pm	Bldg MMH, Room 1400	Zenger, R
Theory and research on the family, including a cross-cultural analysis of family patterns.			
FMCD 332 The Child in the Family 3 credits, Grading Method REG-P-F/AUD			
Prerequisite: FMCD 105 or PSYC 100			
0101	TuTh 9 00am-12 20pm	Bldg SYM, Room 2109	Millstein, F
A family life cycle, attention approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin and the community.			
FMCD 348 Practicum in Family and Community Development 4 credits, Grading Method REG-P-F/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	Millstein, F
Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1 credit of IMCD 348 required with registration in FMCD 348. Students are encouraged to find internship placements that permit a 12-36 hour per week involvement. Appropriate credits will be awarded.			
FMCD 349 Analysis of Practicum 1 credit, Grading Method REG-P-F/AUD			
Permission of department required			
0101	Meets JUN 2 to AUG 16		
	Tu 1 00pm-3 00pm	Bldg MMH, Room 1206	Millstein, F
Advance written application required. Enrollment for 1-credit required with first registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 348.			
FMCD 381 Poverty and Affluence Among Families and Communities 3 credits, Grading Method REG/AUD			
CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 201, or SOCY 100 or SOCY 105			
0101	TuTh 9 00am-12 20pm	Bldg SYM, Room 1308	Rubin, R
Social, political, economic, interrelationships among families and communities with respect to varying resources.			
FMCD 386 Experiential Learning 3-6 credits, Grading Method REG-P-F			
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor and student's internship sponsor. 56 semester hours			
0201	Time Arranged	Room Arranged	STAFF
FMCD 399 Independent Study 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
Individualized family and community studies projects of interest to student and faculty.			

FMCD continued

FMCD 431	Family Crises and Intervention 3 credits, Grading Method REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100.			
0101	MW 9 00am-12 20pm	Bldg SYM, Room 1308	Epstein, N	
0102	TuTh 5 00pm-8 20pm	Bldg MMH, Room 3418	Myricks, N	
0201	MW 2 00pm-5 20pm	Bldg MMH, Room 0108	Zeiger, R	
	Family crises such as divorce, disability, substance abuse, financial problems, intrafamily abuse, and death. Theories and techniques for intervention and enhancement of family coping strategies.			
FMCD 444	Human and Community Program Management 3 credits, Grading Method REG/P-F/AUD Grads, approaches, settings, and resources relevant to the management of human service programs in the community.			
0101	TuTh 9 00am-12 20pm	Bldg MMH, Room 3418	Waffen, J	
FMCD 487	Legal Aspects of Family Problems 3 credits, Grading Method REG/P-F/AUD CORE Advanced Studies Social and Ethical Problems Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 105 or SOCY 105.			
0101	MW 5 00pm-8 20pm	Bldg MMH, Room 0108	Myricks, N	
	Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.			
FMCD 689	Internship in Family and Community Development 3-6 credits, Grading Method REG/AUD Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF	
0201	Time Arranged	Room Arranged	STAFF	
	Internship related to student's chosen specialization.			
FMCD 698	Advanced Topics in Family and Community Development 1-2 credits, Grading Method REG/AUD. Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF	
0201	Time Arranged	Room Arranged	STAFF	
FMCD 699	Independent Study 1-6 credits, Grading Method REG/AUD Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF	
0201	Time Arranged	Room Arranged	STAFF	
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

FOOD (HUMAN ECOLOGY)

FOOD 110	Food for People 3 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area D Social and Behavioral Sciences Course. MTUWThF 11 00am-12 20pm. Bldg MMH, Room 0108. STAFF A study of food, 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.			
FOOD 498	Selected Topics 1-3 credits, Grading Method REG/P-F/AUD Time Arranged. Room Arranged. STAFF			
FOOD 789	Non-Thesis Research 1-3 credits, Grading Method S-F. Time Arranged. Room Arranged. STAFF			
FOOD 799	Master's Thesis Research 1-6 credits, Grading Method REG Time Arranged. Room Arranged. STAFF			
FOOD 899	Doctoral Dissertation Research 1-8 credits, Grading Method REG Time Arranged. Room Arranged. STAFF			

FREN

FRENCH (ARTS AND HUMANITIES)

FREN 101	Elementary French 4 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A. Cultural and Historical Course. Not open to students with 2 or more years of high-school level French. 0101 MTUWTh 8 00am-10 30am Bldg JMZ, Room 3118 STAFF 0201 MTUWTh 8 00am-10 30am Bldg JMZ, Room 3118 STAFF Introduction to basic structures and pronunciation with emphasis on the four skills: listening, speaking, reading and writing.			
FREN 102	Elementary French 4 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A. Cultural and Historical Course. Prerequisite: FREN 101 at UMCP or permission of department. 0101 MTUWTh 9 30am-12 00pm Bldg JMZ, Room 2123 STAFF 0201 MTUWTh 9 30am-12 00pm Bldg JMZ, Room 1104 STAFF Further work on basic structures and pronunciation with emphasis on the four skills: listening, speaking, reading and writing.			
FREN 103	Review of Elementary French 4 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A. Cultural and Historical Course. Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103. 0101 MTUWTh 8 00am-10 30am Bldg ZOP, Room 1232 STAFF 0201 MTUWTh 8 00am-10 30am Bldg JMZ, Room 2122 STAFF			
FREN 203	Intermediate French 4 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A. Cultural and Historical Course. 0101 MTUWTh 9 30am-12 00pm Bldg JMZ, Room 3120 Hage, M STAFF 0201 MTUWTh 9 30am-12 00pm Bldg HBK, Room 1108 STAFF Completion of the study of basic grammatical structures, all readings, conversation, and composition. Fulfills the Arts and Humanities language requirement.			
FREN 204	Review Grammar and Composition 3 credits, Grading Method REG/P-F/AUD Prerequisite: FREN 203 or permission of department. 0201 MTUWThF 9 30am-10 50am Bldg JMZ, Room 2123 Brami, J An intensive review on major aspects of contemporary grammatical usage, training in compare-contrast and guided composition.			
FREN 211	Intermediate Conversation 3 credits, Grading Method REG/P-F/AUD Not open to native speakers. Prerequisite: FREN 203 or permission of department. 0201 Meets Jul 13 to Jul 31 Bldg JMZ, Room 3120 Brami, J Practice in spoken French with emphasis on contemporary French topics.			
FREN 301	Composition and Style 3 credits, Grading Method REG/P-F/AUD Prerequisite: FREN 204 or permission of department. 0201 MTUWThF 9 30am-10 50am Bldg JMZ, Room 2123 Brami, J Grammatical analysis, translation, free and guided composition.			

FREN continued

FREN 312	Introduction to French Civilization: The French Press 3 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A. Cultural and Historical Course. Prerequisite: FREN 211 or permission of department. 0201 Meets Jul 13 to Jul 31 MTUWThF 1 00pm-4 00pm Bldg JMZ, Room 3120 Brami, J French press focusing on the printed media of the French-speaking world, including a variety of types and styles.			
FREN 386	Experiential Learning 3-6 credits, Grading Method REG/P-F Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours. 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF			
FREN 399	Directed Study in French 1-3 credits, Grading Method S-F Permission of department required. 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF			
FREN 404	Advanced Conversation in French 3 credits, Grading Method REG/P-F/AUD Prerequisite: FREN 311 or FREN 312 or permission of department. 0201 Meets Jul 13 to Jul 31 MTUWThF 1 00pm-4 00pm Bldg JMZ, Room 3120 Brami, J Development of fluency in French, stress on correct sentence structure and idiomatic expression.			
FREN 473	Cross-Cultural Approaches to the Study of Contemporary French Society 3 credits, Grading Method REG/P-F/AUD 0201 Meets Jul 13 to Jul 31 MTUWThF 9 00am-12 00pm Bldg JMZ, Room 3120 Verdesgur, P Patterns of communication, mythology, and ideology in modern France, from the Third Republic to the present, through historical and cross-cultural approaches, with reference to the Francophone world.			
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 799	Master's Thesis Research 1-6 credits, Grading Method REG 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 1-3 credits, Grading Method REG 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF			

FSAD

FOODSERVICE ADMINISTRATION (HUMAN ECOLOGY)

FSAD 789	Non-Thesis Research 1-3 credits, Grading Method S-F 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF			
FSAD 799	Master's Thesis Research 1-6 credits, Grading Method REG 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF			
FSAD 899	Doctoral Dissertation Research 1-8 credits, Grading Method REG 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF			

GEOG

GEOGRAPHY (BEHAVIORAL AND SOCIAL SCIENCES)

GEOG 100	Introduction to Geography 3 credits, Grading Method REG CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D. Social and Behavioral Sciences Course. 0101 MW 7 00pm-10 20pm Bldg LEF, Room 2205 Carrionero, J An introduction to the broad field of geography as it is applicable to the general education student. The course presents the basic rationale of variations in human occupancy of the earth and stresses geographic concepts relevant to understanding world, regional and local issues.			
GEOG 120	Nations in Conflict: A Spatial View 3 credits, Grading Method REG/P-F/AUD 0201 MW 9 30am-12 00pm Bldg SCP, Room 1119 Hamilton, I The geographic characteristics of conflict areas around the world. Issues common to international disputes such as: uneven access to resources, population pressures, religious differences, and boundary disputes.			
GEOG 150	World Cities 3 credits, Grading Method REG/P-F/AUD CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A. Cultural and Historical Course. 0201 TuTh 9 30am-12 50pm Bldg SCP, Room 1119 Dokopoulou, E An introduction to the forces that affect the growth of cities in different parts of the world. Regional variations in city design and examples of great world cities. The impact of changing technologies, economic and social change on the evolution of the city. Current and emerging trends.			
GEOG 170	Maps and Map Use 3 credits, Grading Method REG/P-F/AUD USP Area B Distributive Studies Non-Lab Science and Mathematics Course. If taken with GEOG 171, course may be counted as USP Area B Lab Science Course. 0101 WF 1 00pm-4 20pm Bldg KEY, Room 0103 Brodsky, H The use and interpretation of maps encountered in both "everyday" reading, and in scientific literature. Development of skills in map reading, environmental analysis, interpretation and orienteering.			
GEOG 171	Maps and Map Use Laboratory 1 credit, Grading Method REG/P-F/AUD Pre- or corequisite: GEOG 170. 0101 Th 1 00pm-4 20pm Bldg LEF, Room 1138 STAFF A laboratory course to accompany GEOG 170. Experience with maps as research tools, coordinate systems, projections; measurement of angles, directions, distance, etc.; topographic maps; map interpretation, symbolization, statistical mapping, spatial arrangement, and remote sensing.			
GEOG 201	Geography of Environmental Systems 3 credits, Grading Method REG/P-F/AUD CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Non-Lab Science and Mathematics Course. If taken with GEOG 211, course may be counted as USP Area B Lab Science Course. 0101 MW 9 30am-12 50pm Bldg SCP, Room 1119 Kearney, M A systematic introduction to the processes and associated forms of the atmosphere, and earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology.			

GEOG continued

GEOG 202	The World in Cultural Perspective 3 credits. <i>Grading Method: REG-P-F-AUD</i> CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A Cultural and Historical Course	0101	TuTh 9:30am-12:50pm	Blgd LEF, Room 1201	Mitchell, R
The impact of cultural traits, such as religion, language and livelihood systems, on the earth's landscapes. The transformation of the earth's surface as a result of cultural diversity, settlement patterns, political organization, cultural evolution, and population growth.					
GEOG 203	Economic Geography 3 credits. <i>Grading Method: REG-P-F-AUD</i> USP Distributive Studies Area D Social and Behavioral Sciences Course	0101	TuTh 1 00pm-4 20pm	Blgd LEF, Room 1201	Brodsky, H
The spatial characteristics of world and regional economies. Population patterns, technology and economic development, principles of spatial interactions in trade, transportation networks; the city as an employment generator; the location of industries and services, the production and trade of agricultural and energy products.					
GEOG 211	Geography of Environmental Systems and Laboratory 1 credit. <i>Grading Method: REG-P-F-AUD</i> Pre- or corequisite: GEOG 201 or GEOG 100 or GEO 120. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201	0101	MW 2 00pm-4 00pm	Blgd LEF, Room 1138 (LAB)	Kearney, M
Laboratory course to accompany GEOG 201. Analysis of the components of the earth. Energy balance using basic instrumentation, weather map interpretation, soil analysis, the application of map and air photo interpretation techniques to landform analysis.					
GEOG 324	Europe 3 credits. <i>Grading Method: REG-P-F-AUD</i> USP Distributive Studies Area A Cultural and Historical Course	0101	MW 4 00pm-7 20pm	Blgd LEF, Room 1221	Cebrian, J
The geographical history of modern Europe from lands and regional perspectives. The diverse features of Europe's physical environment and resource base, and their migration into the demographic, economic, social and political patterns of the continent's major geographic regions.					
GEOG 325	Soviet Union 3 credits. <i>Grading Method: REG-P-F-AUD</i> USP Distributive Studies Area A Cultural and Historical Course	0201	MW 2:30pm-5 50pm	Blgd LEF, Room 1201	Hamilton, I
The Soviet Union as a functioning geographic system: its ethnic and cultural diversity, historical development, resource base, and economic regions. The contributions of the regional parts to the national whole.					
GEOG 350	The American City: Past and Present 3 credits. <i>Grading Method: REG-P-F-AUD</i>	0201	TuTh 1 00pm-4 20pm	Blgd LEF, Room 1201	Groves, P
Development of the American city from the early nineteenth century to the present. The internal structure of contemporary metropolitan areas, the spatial arrangement of residential, commercial, and other activities. Washington, D.C. and Baltimore examples.					
GEOG 384	Internship in Geography 3 credits. <i>Grading Method: REG-P-F-AUD</i> Permission of department required. Prerequisite: GEOG 305, and GEOG 310, and permission of department. Corequisite: GEOG 385	0101	Time Arranged	Room Arranged	STAFF
Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.					
GEOG 385	Internship Research Paper 3 credits. <i>Grading Method: REG-P-F-AUD</i> Permission of department required. Prerequisite: GEOG 305, and GEOG 310, and permission of department. Corequisite: GEOG 384	0101	Time Arranged	Room Arranged	STAFF
Seminar conducted on campus. Research paper related to the student's internship.					
GEOG 463	Geographic Aspects of Pollution 3 credits. <i>Grading Method: REG-P-F-AUD</i> USP Advanced Studies Analysis of Human Problems Course	0201	MW 3 00pm-6 20pm	Blgd KEY, Room 0120	Fuchs, C
Impact of human activities on the environment and resulting pollution problems. Characteristics and spatial aspects of air, water, and land resource problems. Federal legislation and planning techniques to reduce pollution.					
GEOG 470	Development of Cartographic Technology 3 credits. <i>Grading Method: REG-P-F-AUD</i> Course will be taught by Professor Andrew Talbot	0201	MW 6 00pm-9 20pm	Blgd LEF, Room 1138	STAFF
Course will be taught by Professor Andrew Talbot. Impacts of technological improvements in land surveying and maps production of graphic and spatial images. The formation, expansion and diffusion of geographic information. Study of cartographic imagery as a changing form of communication.					
GEOG 482	Geographic Information Systems 3 credits. <i>Grading Method: REG-P-F-AUD</i> Prerequisite: GEOG 373 or permission of department	0101	TuTh 4 00pm-7 20pm	Blgd LEF, Room 1221	Thompson, D
The construction and use of computer based information systems. The collection, manipulation and automated display of geographic data. Applications in areas such as resource management, political districting, terrain analysis, and community planning.					
GEOG 498	Topical Investigations 1-3 credits. <i>Grading Method: REG-P-F-AUD</i> Permission of department required	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
GEOG 498M	Topical Investigations: Maps as Source Materials, Availability and Acquisition 1 credit. <i>Grading Method: REG-P-F-AUD</i>	0201	TuTh 6 00pm-9 20pm	Blgd LEF, Room 1138	Modelski, A
GEOG 788	Selected Topics in Geography 1-3 credits. <i>Grading Method: REG/AUD</i> Permission of department required	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
GEOG 789	Independent Readings 1-3 credits. <i>Grading Method: REG/AUD</i> Permission of department required. Contact department to make arrangements	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
GEOG 790	Internship in Geography 3 credits. <i>Grading Method: REG/AUD</i> Contact department to make arrangements	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
Field experience in the student's specialty in a federal, state, or local agency or private business. Research paper required.					
GEOG 799	Master's Thesis Research 1-6 credits. <i>Grading Method: REG</i> Permission of department required	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
GEOG 899	Doctoral Dissertation Research 1-8 credits. <i>Grading Method: REG</i> Permission of department required	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					

GEOG (COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

GEOLOGY

GEO 100	Physical Geology 3 credits. <i>Grading Method: REG-P-F-AUD</i> Credit will be granted for only one of the following: GEO 100 or GEO 101. Approved CORE Distributive Studies physical science laboratory course only when taken concurrently with GEO 110. Approved USP Distributive Studies Area B non-lab science course. If GEO 110 are taken at the same time or a later time, the combination may be counted as USP Distributive Studies Area B lab science course	0101	MtUWTh 9:30am-10 50am	Blgd HBK, Room 1116	STAFF
A general survey of the rocks and minerals composing the earth, its surface features and the agents that form them, and the dynamic forces of plate tectonics.					
GEO 110	Physical Geology Laboratory I 1 credit. <i>Grading Method: REG-P-F-AUD</i> CORE Distributive Studies physical science laboratory course only when taken with GEO 100	0101	MW 12 00pm-3 00pm	Blgd GEO, Room 1120 (LAB)	STAFF
The basic materials and tools of physical geology stressing familiarity with rocks and minerals and the use of various physical interpretations.					
GEO 499	Special Problems in Geology 1-3 credits. <i>Grading Method: REG-P-F-AUD</i> Permission of department required	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
GEO 799	Master's Thesis Research 1-4 credits. <i>Grading Method: REG</i>	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					
GEO 899	Doctoral Dissertation Research 1-8 credits. <i>Grading Method: REG-S/F</i>	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					

GERM (ARTS AND HUMANITIES)

GERM 101	Elementary German I 4 credits. <i>Grading Method: REG-P-F-AUD</i> USP Distributive Studies Area A Cultural and Historical Course. Formerly GERM 111	0101	MtUWTh 9:30am-12 20pm	Blgd JMZ, Room 2122	STAFF
Introduction to basic structures and pronunciation by emphasis on the four skills: listening, speaking, reading and writing. Readings concern the current life-style and civilization of the German-speaking world.					
GERM 102	Elementary German II 4 credits. <i>Grading Method: REG-P-F-AUD</i> USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: GERM 101 or equivalent. Formerly GERM 112	0101	MtUWTh 9:30am-12 20pm	Blgd JMZ, Room 0204	STAFF
A continuation of GERM 101, completing the introduction of basic structures and continuing the involvement with the civilization of the German-speaking world.					
GERM 201	Intermediate German I 4 credits. <i>Grading Method: REG-P-F-AUD</i> USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: GERM 102. Recommended: GERM 211. Formerly GERM 104	0101	MtUWTh 9:30am-12 20pm	Blgd JMZ, Room 1211	STAFF
Grammar reviews and greater mastery of systems, conversation, fluency, and compositional skills. Readings stress the current life-style and civilization of the German-speaking world.					
GERM 201	MtUWTh 9:30am-12 20pm	Blgd JMZ, Room 3205	STAFF	Strauch, G	
Practice in contemporary spoken and written German. Systematic review of grammar, and exercise in composition. Emphasis on cultural contrasts.					
GERM 302	Conversation and Composition II 3 credits. <i>Grading Method: REG-P-F-AUD</i> Prerequisite: GERM 301 or equivalent	0201	MtUWTh 9:30am-10 50am	Blgd JMZ, Room 0125	Richter, S
Continuation of GERM 301.					
GERM 401	Advanced Conversation I 3 credits. <i>Grading Method: REG-P-F-AUD</i> Prerequisite: GERM 302 or equivalent	0101	MtUWTh 9:30am-10 50am	Blgd JMZ, Room 3205	STAFF
Development of fluency in spoken German. Discussion of contemporary issues.					
GERM 403	Advanced Composition I 3 credits. <i>Grading Method: REG-P-F-AUD</i> Prerequisite: GERM 302 or equivalent	0201	MtUWTh 9:30am-10 50am	Blgd JMZ, Room 1122	Richter, S
Advanced instruction in writing skills.					
GERM 415	German/English Translation I 3 credits. <i>Grading Method: REG-P-F-AUD</i> Not open to students who have completed GERM 111/GERM 115 and/or GERM 301/GERM 302	0101	MtUTh 4 00pm-6 30pm	Blgd JMZ, Room 0208	STAFF
An intensive presentation of German grammar limited exclusively to reading skill, graded readings in the arts and sciences. Instruction in English, can be used to satisfy the arts and humanities foreign language requirement.					
GERM 416	German/English Translation II 3 credits. <i>Grading Method: REG-P-F-AUD</i> Prerequisites: GERM 302 and GERM 415 or equivalent	0201	MtUTh 4 00pm-6 30pm	Blgd JMZ, Room 3205	Fagan, S
Written translation of materials from the student's field of study. Discussion of basic problems of German-to-English translation, with examples from students' projects. Instruction in English. Cannot be used to satisfy the arts and humanities foreign language requirement.					
GERM 499	Directed Study: Directed Study in German 1-3 credits. <i>Grading Method: REG/AUD</i>	0101	Time Arranged	Room Arranged	Plister, G
0201 Time Arranged Room Arranged Plister, G					
GERM 689	Special Topics - M.A. Level: Gross Stadt Kultur 3 credits. <i>Grading Method: REG/AUD</i>	0201	MtUTh 4 00pm-6 30pm	Blgd JMZ, Room 0204	Frederiksen, E
GERM 798	Master's Independent Study 1-3 credits. <i>Grading Method: REG/AUD</i>	0101	Time Arranged	Room Arranged	Plister, G
0201 Time Arranged Room Arranged Plister, G					
GERM 798K	Master's Independent Study: Culture In: Novelle and Kurzgeschichte 3 credits. <i>Grading Method: REG/AUD</i>	0101	MtUTh 4 00pm-6 30pm	Blgd JMZ, Room 0204	Best, O
GERM 799	Master's Thesis Research 1-6 credits. <i>Grading Method: REG</i>	0101	Time Arranged	Room Arranged	Plister, G
0201 Time Arranged Room Arranged Plister, G					
GERM 898	Doctoral Independent Study 1-3 credits. <i>Grading Method: REG/AUD</i>	0101	Time Arranged	Room Arranged	Plister, G
0201 Time Arranged Room Arranged Plister, G					
GERM 899	Doctoral Dissertation Research 1-8 credits. <i>Grading Method: REG</i>	0101	Time Arranged	Room Arranged	STAFF
0201 Time Arranged Room Arranged STAFF					

GVPT

GOVERNMENT AND POLITICS (BEHAVIORAL AND SOCIAL SCIENCES)

GVPT 100 Principles of Government and Politics 3 credits, Grading Method: REG/P-F/AUD
CORE Distributive Studies Behavioral and Social Science Course. Prerequisite: GVPT 100
Studies Area D: Social and Behavioral Sciences Course. Prerequisite: GVPT 100

0101 MTuWThF 9 30am-10 50am Bldg SCP, Room 1120 Mayer, L
0201 MW TuWThF 9 30am-10 50am Bldg TYD, Room 1102 STAFF
A study of the basic principles and concepts of political science.

GVPT 170 American Government 3 credits, Grading Method: REG/P-F/AUD
CORE Distributive Studies Behavioral and Social Science Course. Prerequisite: GVPT 100
Studies Area D: Social and Behavioral Sciences Course

0101 MTuWThF 9 30am-10 50am Bldg ARG, Room 1101 STAFF
0201 MW TuWThF 9 30am-10 50am Bldg TYD, Room 1101 STAFF
A comprehensive study of national government in the United States-national, state and local.

GVPT 200 International Political Relations 3 credits, Grading Method: REG/P-F/AUD
CORE Distributive Studies Behavioral and Social Science Course. Prerequisite: GVPT 100
Formerly GVPT 200

0101 MTuWThF 11 00am-12 20pm Bldg LEF, Room 2207 STAFF
A study of the major factors underlying international relations, the methods of conducting foreign relations, the foreign policies of the major powers, and the means of avoiding or alleviating international conflict.

GVPT 210 Introduction to Public Administration and Policy 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 170

0101 MTuWThF 9 30am-10 50am Bldg LEF, Room 2208 STAFF
An introduction to the study of the administrative process in the executive branch with an examination of the concepts and principles of administration and their relationship to public policy. The organizational structure, theory and the behavior of participants in the administration of policy.

GVPT 231 Law and Society 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 170

0101 MW 12 30pm-3 50pm Bldg TYD, Room 1101 Soltan, K
0201 MW 9 00am-12 20pm Bldg LEF, Room 2208 Molmohs, W
A study of the history of law and its relationship with various contemporary institutions such as the courts, the legal profession, and society at large.

GVPT 240 Political Ideologies 3 credits, Grading Method: REG/P-F/AUD
USP Distributive Studies Area A: Cultural and Historical Course. Prerequisite: GVPT 100

0101 MTuWThF 11 00am-12 20pm Bldg KEY, Room 0102 STAFF
A survey and analysis of the leading ideologies of the modern world, including anarchism, communism, socialism, fascism, nationalism, and democracy.

GVPT 282 The Government and Politics of the Third World 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 100

0201 MTuWThF 12 30pm-1 50pm Bldg LEF, Room 2208 Lanning, E
A study of the governmental institutions, processes and problems, and the socio-economic environment which exist in the great majority of the third world states of Africa, the Middle East, Asia, and Latin America, and in which internal politics develop.

GVPT 386 Experiential Learning 3-6 credits, Grading Method: REG/P-F
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.

0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

GVPT 388 Topical Investigations 3 credits, Grading Method: REG/P-F/AUD
0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

GVPT 388A Topical Investigations: Analysis of Concepts and Filmic Images 3 credits, Grading Method: REG/P-F/AUD
Requires concurrent registration in GVPT 389A for a combined total of 6 credits. See course description under GVPT 389A.

0101 Meets JUN 1 to JUN 17
MTuWThF 1 30pm-4 30pm Bldg JMZ, Room 0220 Glass, J

GVPT 396 Introduction to Honors Research 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: admission to and permission to enroll in Honors Program

0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
A required course for all honors students designed to emphasize laboratory, research, methodology, and writing skills in political science and political philosophy. A written proposal, bibliography, and research design for an honors paper required of all students as a final project.

GVPT 397 Honors Research 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 396 and admission to GVPT honors program

0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF
Individual reading and research. Preparation of an original paper.

GVPT 399A Seminar in Government and Politics: Films and the Politics of the Family 3 credits, Grading Method: REG/P-F/AUD
Requires concurrent registration in GVPT 388A for a total of 6 credits.
Meets JUN 1 to JUN 17

0101 Time Arranged Room Arranged Glass, J
Survey of films to understand nature and structure of politics of the family. Emphasis on families and family units, the structure of loneliness, despair, potentiality and the politics implicit in these emotional realities.

GVPT 399B Seminar in Government and Politics: Vietnam Legacies in Film 3 credits, Grading Method: REG/P-F/AUD

0201 TuTh 12 30pm-4 00pm Bldg HBK, Room 4205 Vietri, L

GVPT 399C Seminar in Government and Politics: Post-Communist Societies 3 credits, Grading Method: REG/P-F/AUD

0101 TuTh 9 00am-12 20pm Bldg LEF, Room 2205 Swistak, P

GVPT 399D Seminar in Government and Politics: International Political Economy 3 credits, Grading Method: REG/P-F/AUD

0201 TuTh 9 00am-12 20pm Bldg TYD, Room 1132 Kaminski, B

GVPT 399F Seminar in Government and Politics: Feminist Political Thought 3 credits, Grading Method: REG/P-F/AUD

0101 TuTh 12 30pm-3 50pm Bldg LEF, Room 1221 Josephson, J

GVPT 399G Seminar in Government and Politics: Campaigns and Elections 3 credits, Grading Method: REG/P-F/AUD

0201 MW 12 30pm-3 50pm Bldg TYD, Room 1102 Gimpel, J

GVPT 399I Seminar in Government and Politics: Urban Politics 3 credits, Grading Method: REG/P-F/AUD

0101 TuTh 9 00am-12 20pm Bldg LEF, Room 1220 Williams, L

GVPT 399J Seminar in Government and Politics: Minorities in the Middle East 3 credits, Grading Method: REG/P-F/AUD

0201 TuTh 1 30pm-4 50pm Bldg LEF, Room 2166 Roumani, M

GVPT 401 Problems of World Politics 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 200

0101 MW 1 30pm-4 50pm Bldg LEF, Room 1222 Haulder, V
0201 MW 12 30pm-3 50pm Bldg TYD, Room 1101 STAFF
A study of governmental problems of international scope, such as causes of war, problems of neutrality, and propaganda. Students are required to report on readings from current literature.

GVPT continued

GVPT 442 History of Political Theory—Medieval to Recent 3 credits, Grading Method: REG/P-F/AUD
CORE Advanced Studies Social and Ethical Problems Course. Prerequisite: GVPT 100

0101 MW 9 00am-12 20pm Bldg LEF, Room 2166 Burack, C
A survey of the principal theories set forth in the works of writers from Machiavelli to Nietzsche.

GVPT 457 American Foreign Relations 3 credits, Grading Method: REG/P-F/AUD
USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 200

0201 TuTh 9 00am-12 20pm Bldg LEF, Room 2208 McNelly, T
The principles and machinery of the conduct of American foreign relations, with emphasis on the Department of State and Defense, and an analysis of the major foreign policies of the United States.

GVPT 462 Urban Politics 3 credits, Grading Method: REG/P-F/AUD
USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 260

0101 MW 1 30pm-4 50pm Bldg LEF, Room 1201 Marando, V
Urban political process and institutions considered in the light of changing social and economic conditions.

GVPT 481 Government and Administration of the Soviet Union 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 280 or GVPT 282

0101 TuTh 1 30pm-4 50pm Bldg LEF, Room 2208 Douse, G
A study of the adoption of the communist philosophy by the Soviet Union, of its governmental structure and of the administration of government policy in the Soviet Union.

GVPT 482 Government and Politics of Latin America 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 280 or GVPT 282

0201 MW TuWThF 3 30pm-4 50pm Bldg LEF, Room 2208 Lanning, E
A comparative study of the governmental systems and political processes of the Latin American countries.

GVPT 485 Government and Politics of the Middle East 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: GVPT 280 or GVPT 282

0201 MW 1 30pm-4 50pm Bldg LEF, Room 2166 Roumani, M
A comparative study of the governmental systems and political processes of the Middle East countries, with special emphasis on the problems of nation-building in emergent countries.

GVPT 741 Political Theory 3 credits, Grading Method: REG/AUD

0201 MW 6 30pm-9 50pm Bldg LEF, Room 2123 Allford, C
A graduate level introduction to the history of political philosophy and political theory.

GVPT 799 Master's Thesis Research 1-6 credits, Grading Method: REG

0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

GVPT 80A Selected Topics in Functional Problems in International Relations 3 credits, Grading Method: REG/AUD

0101 MW 6 30pm-9 50pm Bldg LEF, Room 2207 STAFF

GVPT 86B Problems of State and Local Government 3 credits, Grading Method: REG/AUD

0201 TuTh 3 00pm-6 20pm Bldg LEF, Room 2138H STAFF

GVPT 89B Readings in Government and Politics 3 credits, Grading Method: REG/AUD

0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

GVPT 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG

0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

HEBR

HEBREW (ARTS AND HUMANITIES)

HEBR 111 Elementary Hebrew I 6 credits, Grading Method: REG/P-F/AUD
USP Distributive Studies Area A: Cultural and Historical Course.

0101 MTuWThF 9 00am-11 40am Bldg JMZ, Room 3203 Liberman, E
Modern Hebrew of daily use. Emphasis on conversation. Study of linguistic structure and development of audio-lingual, writing and reading ability.

HEBR 112 Elementary Hebrew II 6 credits, Grading Method: REG/P-F/AUD
USP Distributive Studies Area A: Cultural and Historical Course. Prerequisite: HEBR 111 or equivalent.

0201 MTuWThF 9 00am-11 40am Bldg JMZ, Room 2117 Liberman, R
Continuation of HEBR 111

HEBR 298 Special Topics in Jewish Studies: Modern Jewish Ideologies 3 credits, Grading Method: REG/P-F/AUD

0101 TuTh 2 00pm-5 15pm Bldg JMZ, Room 2206 Berlin, G

HESP

HEARING AND SPEECH SCIENCES (BEHAVIORAL AND SOCIAL SCIENCES)

HESP 202 Introduction to Hearing and Speech Sciences 3 credits, Grading Method: REG/P-F/AUD
0101 MTuWThF 9 30am-10 50am Bldg LEF, Room 0135 STAFF
Introduction to phonetics, the physiological bases of speech production and reception, and the physics of sound.

HESP 300 Introduction to Psycholinguistics 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: HESP 202

0101 MTuWThF 11 22pm-12 20pm Bldg LEF, Room 0135 Ratner, N
An introduction to current theories of language and an investigation of their relationship to human communication behavior. Survey of the experimental literature relating to this question.

HESP 400 Speech and Language Development in Children 3 credits, Grading Method: REG/P-F/AUD
Prerequisite: HESP 200

0101 MWF 12 30pm-2 30pm Bldg LEF, Room 0135 Yeri-Komshian, G
Analysis of the normal processes of speech and language development in children.

HESP 498A Seminar: Issues in Professional Practice 3 credits, Grading Method: REG/P-F/AUD
Permission of department required

0201 Meets JUL 13 to JUL 31
Time Arranged Room Arranged STAFF

HESP 499 Independent Study: Topics in Hearing and Speech Sciences 1-3 credits, Grading Method: REG/P-F/AUD

0101 Time Arranged Room Arranged (LAB) STAFF

HESP 622 Neuromotor Disorders of Speech 3 credits, Grading Method: REG/AUD
Permission of department required. Prerequisite: permission of department.

0101 MW 3 00pm-6 20pm Bldg LEF, Room 0135 STAFF
Effects of neuropathology on speech production. Classification and assessment of the resultant disorders and their treatment.

HESP 638 Research Practicum 1-3 credits, Grading Method: REG/AUD

0201 Time Arranged Room Arranged STAFF



HESP continued

HESP 639B Special Topics in Hearing and Speech Sciences: Dysphagia 3 credits, Grading Method: REG/AUD			
Gerald N. McCall, course chairman			
0201	Meets JCL 13 to Jul 31	Room Arranged	STAFF
HESP 645 Pediatric Audiology 3 credits, Grading Method: REG/AUD			
Prerequisite: HESP 606 or permission of department			
0101	TuTh 3:00pm-6:20pm	Bldg LEE, Room 0135	Ballour, P
Evaluation and treatment of hearing-impaired children			
HESP 648 Clinical Practice in Speech 1-2 credits, Grading Method: REG/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged (LAB)	STAFF
HESP 649 Clinical Practice in Audiology 1-2 credits, Grading Method: REG/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
HESP 708 Independent Study 1-6 credits, Grading Method: REG/AUD			
0201	Time Arranged	Room Arranged (LAB)	STAFF
HESP 728 Advanced Clinical Practice in Speech 2 credits, Grading Method: REG/AUD			
0201	Time Arranged	Room Arranged (LAB)	Daniel, M
HESP 729 Advanced Clinical Practice in Audiology: Advanced Clinical Practicum 2 credits; Grading Method: REG/AUD			
Permission of department required			
0201	Time Arranged	Room Arranged (LAB)	STAFF
HESP 799 Master's Thesis Research 1-6 credits, Grading Method: REG			
0201	Time Arranged	Room Arranged (LAB)	STAFF
HESP 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG			
0201	Time Arranged	Room Arranged (LAB)	STAFF

HISP

HISTORIC PRESERVATION
(ARCHITECTURE)

HISP 619 Special Topics in Historic Preservation 3 credits, Grading Method: REG/AUD			
Permission of department required			
0201	Time Arranged	Room Arranged	STAFF

HIST

HISTORY
(ARTS AND HUMANITIES)

HIST 110 The Ancient World 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Cultural and Historical Course. Formerly HIST 130			
0101	MTuWThF 9:30am-10:50am	Bldg KEY, Room 0116	Eckstein, A
Interpretation and analysis of the ancient Mediterranean world with a focus on 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 111 The Medieval World 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Cultural and Historical Course. Formerly HIST 131			
0201	MTuWThF 12:30pm-1:50pm	Bldg KEY, Room 0103	Schara, W
The development of Europe in the Middle Ages: the role of religious values in shaping new social, economic, and political institutions; medieval literature, art and architecture			
HIST 113 Modern Europe: 1789 - Present 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Cultural and Historical Course. Formerly HIST 133.			
0201	MTuWThF 11:00am-12:20pm	Bldg KEY, Room 0126	Harris, J
Evolution of modern nation-states. Industrial-economic structure and demography. Emergence of modern secular society.			
HIST 156 History of the United States to 1865 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Cultural and Historical Course			
0101	MTuWThF 12:30pm-1:50pm	Bldg KEY, Room 1117	McCusker, J
0201	MTuWThF 9:00am-9:20am	Bldg KEY, Room 0116	Bradbury, M
The United States from colonial times to the end of the Civil War. Establishment and development of American institutions.			
HIST 157 History of the United States Since 1865 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Social and Behavioral Sciences Course.			
0101	MTuWThF 8:00am-9:20am	Bldg KEY, Room 0103	Ridgway, W
0201	MTuWThF 11:00am-12:20pm	Bldg KEY, Room 0116	Olsen, K
The United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power			
HIST 219 Special Topics in History: War and Film 3 credits, Grading Method: REG/P-FAUD			
0101	MTuWThF 9:30am-11:30am	Bldg KEY, Room 1117	Sumida, J
HIST 234 History of Britain to 1485 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Cultural and Historical Course.			
0101	MTuWThF 8:00am-9:20am	Bldg KEY, Room 0116	Cockburn, J
British history from Roman times to the 15th century. The Anglo-Saxons, Scandinavian and Norman invasions, the coming of Christianity, Magna Carta, the development of Parliament, legal institutions and the Common Law, the decline of medieval kingship			
HIST 236 History of Britain 1688 to Present 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Cultural and Historical Course.			
0201	MTuWThF 9:30am-10:50am	Bldg KEY, Room 0103	Price, R
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-FAUD			
CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Cultural and Historical Course.			
0101	MTuWThF 12:30pm-1:50pm	Bldg KEY, Room 0126	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 309 Proseminar in Historical Writing: Biography and History 3 credits, Grading Method: REG/P-FAUD			
0201	MTuWThF 11:00am-12:20pm	Bldg KEY, Room 0103	Holm, K

HIST continued

HIST 312A Crisis and Change in the United States: The Changing Urban Scene 3 credits, Grading Method: REG/P-FAUD			
USP Advanced Studies Analysis of Human Problems Course			
0101	MTuWThF 9:30am-10:50am	Bldg KEY, Room 0124	Flack, J
This course explores the changing urban scene in the U.S. 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-FAUD			
CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course.			
0201	MTuWThF 9:30am-10:50am	Bldg KEY, Room 0116	Zilt, M
HIST 337 Europe in the World Setting of the 20th Century 3 credits, Grading Method: REG/P-FAUD			
0201	MTuWThF 9:30am-10:50am	Bldg KEY, Room 0124	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 367 The United States Since World War II 3 credits, Grading Method: REG/P-FAUD			
0101	MTuWThF 12:30pm-1:50pm	Bldg KEY, Room 0124	Smead, H
American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics, such as radicalism, conservation, and labor.			
HIST 386 Experiential Learning 3-6 credits, Grading Method: REG/P-F			
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.			
0101	Time Arranged	Room Arranged	STAFF
HIST 398 Honors Thesis 3 credits, Grading Method: REG/P-FAUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
HIST 410 Introduction to Archives I 3 credits, Grading Method: REG/P-FAUD			
Permission of department required. Prerequisite: permission of department. Corequisite: HIST 411			
0101	Time Arranged	Room Arranged	Grmsted, D
History of the basic intellectual problems relating to archives, and manuscript repositories; emphasis on problems of selection, access, preservation, inventorying and editing as well as the variety of institutions housing documents.			
HIST 411 Introduction to Archives II 3 credits, Grading Method: REG/P-FAUD			
Permission of department required. Prerequisite: permission of department. Corequisite: HIST 410			
0201	M 7:00pm-10:00pm	Bldg KEY, Room 2119	Grmsted, D
Practical experience through participation in copyediting archives or manuscript repositories in the Baltimore/Annapolis/Washington, D.C. areas. Assignments to specific projects based on intellectual interest of students.			
HIST 419A Special Topics in History: Field Work Analysis 3 credits, Grading Method: REG/P-FAUD			
0101	Time Arranged	Room Arranged	Holm, K
HIST 458 Selected Topics in Women's History: Victorian Women 3 credits, Grading Method: REG/P-FAUD			
0101	MTuWThF 11:00am-12:20pm	Bldg KEY, Room 2119	Gullickson, G
HIST 461 Blacks in American Life: 1865 to Present 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Cultural Diversity Course			
0101	MTuWThF 11:00am-12:20pm	Bldg KEY, Room 0124	Moss Jr., A.
The role of Blacks in America since 1865, with emphasis on twentieth century developments: the migration from farm to city, the growth of the civil rights movement, the race question as a national problem.			
HIST 462 The Civil War 3 credits, Grading Method: REG/P-FAUD			
0201	MTuWThF 9:30am-10:50am	Bldg KEY, Room 0126	Rowland, L
A detailed study of historical interpretations, the forces, situations and events that caused the war, the war and its impact.			
HIST 499 Independent Study: Field Work in Israel 1-3 credits, Grading Method: REG/P-FAUD			
Permission of department required			
0101	Time Arranged	Room Arranged	Holm, K
0201	Time Arranged	Room Arranged	STAFF
HIST 619A Special Topics in History: Field Work Analysis 1-3 credits, Grading Method: REG/AUD			
0101	Time Arranged	Room Arranged	Holm, K
HIST 619B Special Topics in History: Independent Study 1-3 credits, Grading Method: REG/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
HIST 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
HIST 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

HLTH

HEALTH

(HEALTH AND HUMAN PERFORMANCE)

HLTH 106 Drug Use and Abuse 3 credits, Grading Method: REG/P-FAUD			
0101	MTuWThF 11:00am-12:20pm	Bldg HHP, Room 0303	Beck, K
0201	MTuWThF 9:30am-10:50am	Bldg HHP, Room 0302	STAFF
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.			
HLTH 140 Personal and Community Health 3 credits, Grading Method: REG/P-FAUD			
0101	MTuWThF 11:00am-12:20pm	Bldg HHP, Room 0302	STAFF
0201	MTuWThF 11:00am-12:20pm	Bldg HHP, Room 1301	Hyde, D
Meaning and significance of physical, mental and social health as related to the individual and to society; important health problems; constructive methods of promoting health of the individual and the community.			

HLTH continued

HLTH 150 First Aid and Emergency Medical Services			
2 credits. <i>Grading Method: REG/P-AUD</i>			
0101	MTuWTh 8:00am-9:20am	Bldg. HHP, Room 0302	Swift, R
0102	MTuWTh 9:30am-10:50am	Bldg. HHP, Room 0302	Swift, R
Lecture, demonstration and training in emergency care, including cardiopulmonary resuscitation, hemorrhage control, shock, burns, and bone injury treatment at a children's American Red Cross and Heart Association of Maryland Certification awarded.			
HLTH 230 Introduction to Health Behavior 3 credits. Grading Method: REG/P-AUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course			
0101	MTuWThF 8:00am-9:20am	Bldg. HHP, Room 0303	Beck, K
Psychological, social, psychological, and sociological approaches to the following health areas: development of health attitudes and behavior, patient-provider interaction and the organization of health care.			
HLTH 285 Controlling Stress and Tension 3 credits. Grading Method: REG/P-AUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course			
0101	MTuWThF 9:30am-10:50am	Bldg. HHP, Room 1301	Greenberg, J
0102	MW 3:40pm-7:00pm	Bldg. HHP, Room 1301	STAFF
0201	MTuWThF 9:30am-10:50am	Bldg. HHP, Room 1301	Hyde, D
Health problems related to stress and tension. Analytical, case-study, and psychosocial stressors and increasing physiological mechanisms. Emphasis on prevention and control of stress through techniques such as biofeedback, meditation and neuromuscular relaxation.			
HLTH 377 Human Sexuality 3 credits. Grading Method: REG/P-AUD			
Formerly HLTH 477			
0101	MTuWThF 10:00am-12:20pm	Bldg. HHP, Room 1301	Greenberg, J
0102	MTuWThF 8:00am-9:20am	Bldg. HHP, Room 1301	Sawyer, J
0201	MTuWThF 8:00am-9:20am	Bldg. HHP, Room 1301	STAFF
The biological and developmental aspects of human sexuality, the psychological and emotional aspects of sexual behavior, the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues, the importance of communication, disclosure and intimacy in interpersonal relationships, and research trends in the area of human sexuality.			
HLTH 386 Experiential Learning 3-6 credits. Grading Method: REG/P-F			
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.			
0101	Time Arranged	Room Arranged	Clearwater, H
HLTH 450 Health of Children and Youth 3 credits. Grading Method: REG/P-AUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course			
0101	MTuWThF 9:30am-10:50am	Bldg. HHP, Room 0303	Sawyer, R
A study of the health of 3 to 18 year olds. Physical, mental, social, and emotional health. Psychosexual development, diet, exercise, recreation, and the roles of parents and teachers.			
HLTH 456 Health of the Aging and Aged 3 credits. Grading Method: REG/P-F-AUD			
0101	TuTh 7:00pm-10:20pm	Bldg. HHP, Room 1303	STAFF
Psychological, physiological and socio-economic aspects of aging: nutrition, sexuality, death, dying, and bereavement, self-actualization, and criteria of life, health needs and crises of the aged.			
HLTH 471 Women's Health 3 credits. Grading Method: REG/P-F-AUD			
CORE Distributive Studies Cultural Diversity Course			
0101	MW 3:40pm-7:00pm	Bldg. HHP, Room 1302	Alexander, L
The women's health movement from the perspective of a consumerist and feminist. The physician-patient relationship in the gynecological and other medical settings. The gynecological exam, gynecological problems, contraception, abortion, pregnancy, breast and cervical cancer and surgical procedures. Psychological aspects of gynecological concerns.			
HLTH 476 Death Education 3 credits. Grading Method: REG/P-F-AUD			
USP Advanced Studies Area A Cultural and Historical Course			
0101	MW 3:40pm-7:00pm	Bldg. HHP, Room 1303	Desmond, S
Examination of the genesis and development of present day death attitudes, and behavior by use of a multidisciplinary life cycle approach.			
HLTH 489 Field Laboratory Projects and Workshop			
3 credits. Grading Method: REG/P-AUD			
Permission of department required. Contact department to make arrangements			
0101	Time Arranged	Room Arranged	Clearwater, H
HLTH 4987 Special Topics in Health: Ways of Knowing About Human Stress and Tension 3 credits. Grading Method: REG/P-AUD			
USP Advanced Studies Development of Knowledge Course Prerequisite: HLTH 285			
Students must show transcript to instructor			
0101	TuTh 3:40pm-7:00pm	Bldg. HHP, Room 0302	STAFF
0201	MTuWThF 11:00am-12:20pm	Bldg. HHP, Room 0302	STAFF
HLTH 665 Health Behavior I 3 credits. Grading Method: REG/AUD			
0101	TuTh 7:00pm-10:20pm	Bldg. HHP, Room 0303	Desmond, S
The psychological, social, psychological, and sociological theories of health behavior. The relation of health knowledge, beliefs, attitudes, intentions, and behavior to preventive, illness, sick-role, and health utilization behaviors.			
HLTH 688 Special Problems in Health Education 1-6 credits. Grading Method: REG/AUD			
Contact department to make arrangements			
0101	Time Arranged	Room Arranged	Clearwater, H
HLTH 720 Scientific Foundations of Health Education 3 credits. Grading Method: REG/AUD			
0101	MW 7:00pm-10:20pm	Bldg. HHP, Room 0303	Alexander, L
HLTH 785 Internship in Health Education 3 credits. Grading Method: REG/AUD			
Prerequisites: HLTH 665, and HLTH 775, and HLTH 780, or permission of department			
0101	Time Arranged	Room Arranged	Clearwater, H
The application of previously acquired skills and knowledge to the planning, conduct, and evaluation of health education. Emphasis on education designed to affect and use psychosocial influences of health behavior. The setting of the internship will depend upon the student's background and career goals.			
HLTH 799 Master's Thesis Research 1-6 credits. Grading Method: REG/S-F			
0101	Time Arranged	Room Arranged	STAFF
HLTH 899 Doctoral Dissertation Research 1-8 credits. Grading Method: REG/S-F			
0101	Time Arranged	Room Arranged	STAFF

HORT

HORT 101 Hands-On Plant Science 4 credits. Grading Method: REG/P-F-AUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course			
0101	MTuWThF 9:30am-10:50am	Bldg. HZF, Room 0128B	Hershey, D
	MWF 1:00pm-2:00pm	Bldg. HZF, Room 0128B (LAB)	
HORT 386 Experiential Learning 3-6 credits. Grading Method: REG/P-F			
Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
HORT 399 Special Problems 2 credits. Grading Method: REG/P-AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
HORT 699 Special Problems in Horticulture 1-3 credits. Grading Method: REG/AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

HORTICULTURE (AGRICULTURE)

HORT continued

HORT 799 Master's Thesis Research 1-6 credits. Grading Method: REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
HORT 899 Doctoral Dissertation Research 1-8 credits. Grading Method: REG			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ITAL

ITAL 101 Elementary Italian I 4 credits. Grading Method: REG/P-AUD			
USP Distributive Studies Area A Cultural and Historical Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121			
0101	MTuWTh 9:30am-12:00pm	Bldg. JMZ, Room 0122	Amodeo, S
Introduction to basic grammar and vocabulary, written and oral work.			
ITAL 102 Elementary Italian II 4 credits. Grading Method: REG/P-AUD			
USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: ITAL 101 or permission of department			
0201	MTuWTh 9:30am-12:00pm	Bldg. JMZ, Room 2125	Russell, C
Continuation of study of basic grammar, written and oral work with increased emphasis on spoken Italian.			
ITAL 421 The Italian Renaissance 3 credits. Grading Method: REG/P-AUD			
CORE Advanced Studies Development of Knowledge Course: USP Advanced Studies Development of Knowledge Course. Credit will be granted for only one of the following: ITAL 421 or ITAL 422. Formerly ITAL 410			
0201	MTuWTh 9:30am-11:55am	Bldg. JMZ, Room 0103	Falvo, G
Major trends in Renaissance literature, art, and science. In English.			

ITALIAN (ARTS AND HUMANITIES)

IVSP

INDIVIDUAL STUDIES PROGRAM (UNDERGRADUATE STUDIES)

IVSP 318 Independent Learning Activities: Individual Studies 1-6 credits. Grading Method: REG			
Permission of department required. IVSP majors only			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

JAPN

JAPANESE (ARTS AND HUMANITIES)

JAPN 101 Elementary Japanese I 6 credits. Grading Method: REG/P-F			
USP Distributive Studies Area A Cultural and Historical Course			
0101	MTuWThF 9:00am-10:20am	Bldg. JMZ, Room 2117	Ramsey, S
0102	MTuWThF 10:30am-11:50am	Bldg. JMZ, Room 2117 (DIS)	
0102	MTuWThF 9:00am-10:20am	Bldg. JMZ, Room 2117	Ramsey, S
0102	MTuWThF 10:30am-11:50am	Bldg. JMZ, Room 2120 (DIS)	
Introduction to basic patterns of contemporary spoken Japanese and to the two phonetic syllabaries (Katakana and Hiragana).			
JAPN 102 Elementary Japanese II 6 credits. Grading Method: REG			
USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: JAPN 101 or equivalent			
0201	MTuWThF 9:00am-11:50am	Bldg. JMZ, Room 2206	STAFF
Continued introduction to the basic spoken patterns of contemporary Japanese.			
JAPN 205 Intermediate Japanese I 6 credits. Grading Method: REG			
USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: JAPN 102 or equivalent. Not open to students who have completed JAPN 201 and JAPN 202.			
0101	MTuWThF 9:00am-11:50am	Bldg. JMZ, Room 2206	Miura, E
Contemporary spoken and written Japanese.			
JAPN 206 Intermediate Japanese II 6 credits. Grading Method: REG			
USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: JAPN 205 or equivalent. Not open to students who have completed JAPN 203 and JAPN 204.			
0201	MTuWThF 9:00am-11:50am	Bldg. JMZ, Room 0120	Sano, T
Contemporary spoken and written Japanese.			

JOUR

JOURNALISM (JOURNALISM)

JOUR 201 Writing For Mass Media 3 credits. Grading Method: REG			
Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability and grammar competence demonstrated by a score of 52 or higher on the TSWE. A 6-minute typing test is required in the first class. Students must type a minimum of 30 wpm to remain enrolled in the course. Must have at least 28 credits earned and a 52 or higher on the TSWE.			
0101	MTuWThF 9:10am-10:50am	Bldg. JRN, Room 3102	Stapp Jr., A
0102	MTuWThF 3:00pm-4:40pm	Bldg. JRN, Room 3103	Stapp Jr., A
Introduction to news, feature, and publicity writing for the printed and electronic media, development of news concepts, laboratory in news gathering tools and writing skills.			
JOUR 202 Editing For the Mass Media 3 credits. Grading Method: REG			
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only			
0101	MTuWThF 1:00pm-2:40pm	Bldg. JRN, Room 3111	Stapp Jr., A
Basic editing skills applicable to all mass media: copy editing, graphs, principles and processes, new media technology.			
JOUR 330 Public Relations Theory 3 credits. Grading Method: REG/P-F-AUD			
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only			
0101	MTuWThF 11:00am-12:20pm	Bldg. JRN, Room 1105	Zerbinos, E
The historical development and contemporary status of public relations in business, government, associations and other organizations. Application of communication theory and social science methods to the research, planning, communication and evaluation aspects of the public relations process.			
JOUR 340 Advertising Communication 3 credits. Grading Method: REG			
Prerequisite: grade of C or better in JOUR 201. For JOUR majors only			
0101	MTuWThF 11:00am-12:20pm	Bldg. JRN, Room 1104	Zanot, E
Advertising as a mass communication profession and its role in the public information system of the United States. Application of communication theory and research methods to the research, planning, communication, and evaluation aspects of advertising.			
JOUR 341 Advertising Techniques 3 credits. Grading Method: REG/P-F-AUD			
Prerequisites: JOUR 340, and grade of C or better in JOUR 202			
0101	MTuWThF 9:10am-10:50am	Bldg. JRN, Room 3111	Zanot, E
Writing and production of print and broadcast advertisements, application of these techniques in laboratory and field projects.			

JOUR continued

JOUR 342	Advertising Media Planning 3 credits, Grading Method REG Prerequisite: JOUR 340 Majors only MTuWThF 11:00am-12:40pm Bldg JRN, Room 3111 Keenan, K Principles of planning, placing and evaluating advertising media in U.S. media markets. Application of theory and methods to specific advertising situations.
JOUR 360	Broadcast News 1 credit, Grading Method REG/P-F/AUD Prerequisite: grade of C or better in JOUR 201 For JOUR majors only MTuWThF 11:00am-12:40pm Bldg JRN, Room 3103 (LAB) Holman, B Writing for the broadcast media and the production of news stories.
JOUR 373	Graphics 3 credits, Grading Method REG/P-F/AUD Prerequisite: grade of C or better in JOUR 201 MTuWThF 3:00pm-4:40pm Bldg JRN, Room 3102 (LAB) Roche, J Intensive analyses of the components of publication content and design. Type and typography, printing processes, illustration and production with emphasis on contemporary technology.
JOUR 396	Supervised Internship 3 credits, Grading Method REG Permission of department required. Prerequisites: grade of C or better in JOUR 202; and first course of journalism sequence related to techniques in JOUR 320, or JOUR 331, or JOUR 341, or JOUR 360, or JOUR 360, or JOUR 380 and permission of department. For majors only. Contact Lois Kay, 1118 Journalism Building. Proof of registration required when seeking approval of internship in 1118 Journalism. No retroactive adds. 0101 Time Arranged Bldg JRN, Room 1118 Kay, L Internship experience with communication professionals in newspapers, news broadcasting, public relations, advertising, magazines, photojournalism, and science communication. Relation of academic training to professional experience.
JOUR 398	Independent Study 1-3 credits, Grading Method REG Contact department to make arrangements. 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
JOUR 400	Law of Mass Communication 3 credits, Grading Method REG 0101 MW 5:30pm-8:30pm Bldg KEY, Room 0102 Zerbinos, E Legal rights and constraints of mass media, libel, privacy, copyright, monopoly, contempt, and other aspects of the law applied to mass communication. Previous study of law not required.
JOUR 450	Mass Media in Society 3 credits, Grading Method REG/P-F/AUD 0201 TuTh 2:00pm-5:00pm Bldg JRN, Room 1116 Barkin, S Ethical, moral, political, economic, and social consideration of mass communication.
JOUR 459S	Special Topics in Mass Communication: Press, Politics and Public Policy 3 credits, Grading Method REG/P-F/AUD 0101 TuTh 9:00am-12:00pm Bldg JRN, Room 1116 Callahan, C
JOUR 477	Mass Communication Research 3 credits, Grading Method REG/P-F/AUD Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence 0101 MTuWThF 1:00pm-2:40pm Bldg JRN, Room 1105 Keenan, K Communication research methods used in measuring public opinion and evaluating public relations, advertising, and mass media programs and materials.
JOUR 501	Fundamentals of Writing and Editing 3 credits, Grading Method REG/AUD 0101 MTuWThF 1:00pm-2:40pm Bldg JRN, Room 3103 Callahan, C Writing and editing techniques for journalism reporting. Principles of news feature and publicity writing for mass media, as well as editing and graphic concepts appropriate for newspapers and magazines. Not applicable for degree credit.
JOUR 502	Reporting for Graduate Students 3 credits, Grading Method REG/AUD Prerequisite: JOUR 501 or permission of department 0201 MTuWThF 1:00pm-2:40pm Bldg JRN, Room 3103 STAFF Intensive training in basic public affairs journalism for graduate students with limited training or experience. Not applicable for degree credit.
JOUR 600	Research Methods in Mass Communication 3 credits, Grading Method REG/AUD Contact the Journalism Graduate Office at 405-2390 for more information 0101 MW 5:30pm-8:30pm Bldg JRN, Room 1116 Roche, J 0201 MW 5:30pm-8:30pm Bldg JRN, Room 1116 McAdams, K
JOUR 601	Theories of Mass Communication 3 credits, Grading Method REG/AUD 0201 TuTh 5:30pm-8:30pm Bldg JRN, Room 1116 Barkin, S
JOUR 698	Special Problems in Communication 3 credits, Grading Method REG/AUD 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
JOUR 798	Masters Professional Fieldwork 3 credits, Grading Method REG/AUD 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
JOUR 799	Master's Thesis Research 1-6 credits, Grading Method REG 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
JOUR 888	Doctoral Practicum in Journalism 3-9 credits, Grading Method REG/AUD 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
JOUR 889	Doctoral Dissertation in Journalism 3-9 credits, Grading Method REG/AUD 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
JOUR 899	Doctoral Dissertation Research 1-8 credits, Grading Method REG/S-F 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF

KNES

KINESIOLOGY (HEALTH AND HUMAN PERFORMANCE)

KNES 137N	Physical Education Activities: Coed: Golf (Beginning) 1 credit, Grading Method REG/P-F 0101 MTuWThF 9:30am-10:50am Bldg GLF, Room 1102 Peterson, F 0201 MTuWThF 9:30am-10:50am Bldg GLF, Room 1102 Peterson, F
KNES 154N	Physical Education Activities: Coed: Swimming (Beginning) 1 credit, Grading Method REG/P-F 0101 MTuWThF 1:00pm-2:20pm Bldg COL, Room 1206 Lockwood, P 0201 MTuWThF 1:00pm-2:20pm Bldg COL, Room 1206 Lockwood, P
KNES 155N	Physical Education Activities: Coed: Tennis (Beginning) 1 credit, Grading Method REG/P-F 0101 MTuWTh 8:00am-9:20am Bldg HHP, Room 2240 Vander Velden, L 0102 MTuWTh 9:30am-10:50am Bldg HHP, Room 2240 Vander Velden, L 0103 MTuWTh 11:00am-12:20pm Bldg HHP, Room 2240 Vander Velden, L 0201 MTuWTh 8:00am-9:20am Bldg HHP, Room 2240 Peterson, F 0202 MTuWTh 11:00am-12:20pm Bldg HHP, Room 2240 Peterson, F
KNES 155O	Physical Education Activities: Coed: Tennis (Intermediate) 1 credit, Grading Method REG/P-F 0101 MTuWTh 8:00am-9:20am Bldg HHP, Room 2101 Vander Velden, L 0102 MTuWTh 9:30am-10:50am Bldg HHP, Room 2101 Vander Velden, L 0103 MTuWTh 11:00am-12:20pm Bldg HHP, Room 2101 Vander Velden, L 0201 MTuWTh 8:00am-9:20am Bldg HHP, Room 2101 Peterson, F 0202 MTuWTh 11:00am-12:20pm Bldg HHP, Room 2101 Peterson, F

KNES continued

KNES 157N	Physical Education Activities: Coed: Weight Training (Beginning) 1 credit, Grading Method REG/P-F 0101 MTuWTh 9:30am-10:50am Bldg HHP, Room 0103 Lockwood, P 0201 MTuWTh 8:00am-9:20am Bldg HHP, Room 0103 Lockwood, P
KNES 157O	Physical Education Activities: Coed: Weight Training (Intermediate) 1 credit, Grading Method REG/P-F 0101 MTuWTh 9:30am-10:50am Bldg HHP, Room 0103 Lockwood, P 0201 MTuWTh 8:00am-9:20am Bldg HHP, Room 0103 Lockwood, P
KNES 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
KNES 293	History of Sport in America 3 credits, Grading Method REG/P-F/AUD CORE: Distributive Studies Social or Political History Course. USP Distributive Studies Area A: Cultural and Historical Course. Formerly PHED 293 0101 TuTh 1:00pm-4:20pm Bldg HHP, Room 2132 Struna, N The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement.
KNES 300	Biomechanics of Human Motion 1 credit, Grading Method REG/P-F/AUD Prerequisite: KNES 360 Formerly PHED 300 0201 MTuWThF 11:00am-1:30pm Bldg HHP, Room 2132 Kelley, D The study of human movement and the physical and physiological principles upon which it depends. Body mechanics, posture, motor chemistry, sports, the performance of a typical individual and the influence of growth and development upon motor performance.
KNES 340	Theory of Coaching Athletics 2 credits, Grading Method REG/P-F/AUD Formerly PHED 340 0101 MW 7:00pm-9:10pm Bldg HHP, Room 1301 Drum, B General theory and practice of coaching selected competitive sports taught in secondary schools and community recreation programs.
KNES 350	The Psychology of Sports 3 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area D: Social and Behavioral Sciences Course. Formerly PHED 350 0201 TuTh 4:00pm-7:20pm Bldg HHP, Room 0302 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.
KNES 360	Physiology of Exercise 3 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area B: Natural Sciences and Mathematics Course. Prerequisites: ZOOL 201, and ZOOL 202, or permission of department. Formerly PHED 360 0101 MTuWThF 9:30am-10:50am Bldg HHP, Room 2132 Vaccaro, P A study of the physiology of exercise, including concepts of work, muscular contraction, energy transformation, metabolism, oxygen debt, and nutrition and athletic performance. Emphasis on cardiovascular and respiratory function in relation to physical activity and training.
KNES 362	Philosophy of Sport 3 credits, Grading Method REG/P-F/AUD USP Advanced Studies Development of Knowledge Course. Formerly PHED 362 0101 MTuWThF 8:00am-9:20am Bldg HHP, Room 1303 Hult, J Form and content of the philosophy of sport. The basis of knowledge in and about sport, the structure and theory of the disciplines, the ontological and moral implications and dilemmas involving sport, and the interactions between philosophy and the scientific and humanistic aspects of sport.
KNES 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
KNES 455	Scientific Basis of Athletic Conditioning 3 credits, Grading Method REG/P-F Prerequisite: KNES 360 Formerly PHED 455 0101 MW 1:00pm-4:20pm Bldg HHP, Room 0302 SantaMaria, D An examination of physical fitness/athletic conditioning programs stressing the practical application of exercise physiology theory for enhancing athletic performance. Cardiovascular considerations, strength and power development, nutrition, speed, muscular endurance, environmental considerations and ergogenic aids.
KNES 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
KNES 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
KNES 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

LATN

LATIN (ARTS AND HUMANITIES)

LATN 120	Intensive Latin 4 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A: Cultural and Historical Course. Permission of department required. Prerequisite: permission of department. Not open to credit to students with credit for LATN 102. 0101 MTuWThF 9:00am-10:40am Bldg HBK, Room 1108 Staley, M Elements of Latin grammar and vocabulary; elementary reading. The first year's study of Latin compressed into a single semester.
LATN 220	Intermediate Intensive Latin 4 credits, Grading Method REG/P-F/AUD USP Distributive Studies Area A: Cultural and Historical Course. Prerequisite: LATN 102, or LATN 120, or equivalent. Not open to students with credit for LATN 204. 0201 MTuWThF 11:00am-12:40pm Bldg JMZ, Room 1109 Mejer, J Review of Latin grammar, reading in prose and poetry from selected authors.
LATN 499	Independent Study in Latin Language and Literature 3 credits, Grading Method REG/P-F/AUD Permission of department required. 0101 Time Arranged Room Arranged STAFF 0102 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF
LATN 699	Independent Studies in Latin Literature 3 credits, Grading Method REG/AUD Permission of department required. 0101 Time Arranged Room Arranged STAFF 0201 Time Arranged Room Arranged STAFF

LBSC

LIBRARY SCIENCE (LIBRARY AND INFORMATION SERVICES)

LBSC 499A Workshops, Clinics, and Institutes: Archival Automation 3 credits. Grading Method: S-F			
0101	Permission of department required MW 1 30pm-4 30pm Time Arranged	Bldg. HBK, Room 4113 Room Arranged (LAB)	Burke, F
LBSC 499K Workshops, Clinics, and Institutes: Advanced Manuscript Administration Workshop 3 credits. Grading Method: S-F			
0201	Permission of department required MW 6 00pm-9 00pm	Bldg HBK, Room 0115	Kurtz, M
LBSC 630 Library Administration 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Plus 9 30am-4 00pm on 7/11/92			
0101	TuTh 6 00pm-9 00pm	Bldg HBK, Room 0109	Liesener, J
Administrative theory and principles and their implications for, and applications to, managerial activity in libraries and other information organizations.			
LBSC 641 Selection and Evaluation of Instructional Media 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department			
0101	MW 1 30pm-4 45pm	Bldg HBK, Room 0105	Neuman, D
Development of criteria and procedures for selecting and evaluating media for instruction. Systematic planning for media use. Evaluation of present and evolving issues.			
LBSC 651 Reference and Information Services 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Required of all MLS students.			
0101	Meets JUN 22 to AUG 14 MTuTh 9 30am-11 30am	Bldg HBK, Room 0109	Cunningham, W
Information and reference systems, services, and tools provided in libraries and information centers. Problems and concepts of communication, question negotiation, and search processes. Bibliographic control and major types of information sources and modes of information delivery. Required of all MLS students.			
LBSC 671 Organization of Recorded Knowledge 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Required of all MLS students.			
0101	Meets JUN 1 to JUL 23 MTh 1 30pm-4 30pm	Bldg HBK, Room 0109	Green, R
Principles of organizing information for intellectual and physical access, subject indexing and classification and descriptive cataloging. Major systems and standards used in the United States. Organizational issues in bibliographic control. Required of all MLS students.			
LBSC 675 Information Storage and Retrieval (ISAR) Systems 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Plus two meetings to be announced.			
0201	MW 6 00pm-9 00pm	Bldg HBK, Room 0105	Sorgeel, D
Principles of organizing information underlying both manual and mechanized ISAR systems, including the conceptual structure of index language and search strategies, file organization, topology of classifications, abstracting, and indexing.			
LBSC 690 Data Processing for Libraries and Information Services 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. Plus additional lab and project.			
0201	MW 1 30pm-4 30pm	Bldg HBK, Room 0105	Sorgeel, D
Introduction to computers and their uses in libraries and other information systems, including systems analysis, database management systems, file structure, structured programming, and data processing applications and their management.			
LBSC 691 Microcomputers in Information Processing 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. Plus additional lab and project.			
0201	TuTh 6 00pm-9 00pm	Bldg HBK, Room 0109	Marchonchi, G
Introduction to microcomputers, and their roles in processing information and knowledge in schools, libraries, and other information agencies. Programming, database management, information organization and retrieval, word processing, systems analysis, library automation, and instructional applications.			
LBSC 707 Field Study in Library Service 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisites: LBSC 600, and LBSC 651, and LBSC 671, and LBSC 690 or LBSC 691 and permission of both department and instructor.			
0201	Time Arranged	Room Arranged	Cunningham, W
Unpaid, supervised experience within library operations and/or the opportunity to perform a study to solve a specific problem in a suitable library or other information agency.			
LBSC 708C Special Topics in Library and Information Service: Management of On-Line Services in Schools 3 credits. Grading Method: REG/AUD Permission of department required. Plus lab.			
0101	TuTh 6 00pm-9 15pm	Bldg HBK, Room 0105	Aversa, E
Planning, implementation, management and evaluation of on-line services in the school environment. Includes hands-on introduction to search techniques.			
LBSC 708E Special Topics in Library and Information Service: Topical Investigations: Maps as Source Materials: Availability and Acquisition 3 credits. Grading Method: REG/AUD Plus project.			
0201	TuTh 6 00pm-9 20pm	Bldg LEF, Room 1138	Moddski, A
Investigates, analyzes and compares map sources and types as well as their availability. Acquisition programs and policies dealing with public and private map sources will be investigated. Special attention will be given to developing special purpose map collections and their classifications.			
LBSC 709 Independent Study 1-3 credits. Grading Method: REG/AUD Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
LBSC 723 Libraries and Information Services in the Social Process 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Plus project.			
0201	MW 6 00pm-9 15pm	Bldg HBK, Room 4115	Peck, S
Community, institutional, and cultural influences on information services. Impact of libraries and information services on the social environment.			
LBSC 725 Library Services for Client Groups with Disabilities 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Plus Project.			
0101	MW 6 00pm-9 15pm	Bldg HBK, Room 4113	Neuman, D
Characteristics, abilities, needs, and rights of children and adults with sensory and other handicapping conditions. Role of the information specialist in providing physical and intellectual access to services and resources for and about these client groups.			

LBSC continued

LBSC 741 Seminar in School Library Media Programs 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisites: permission of department, and LBSC 643 or permission of instructor. Plus 9 30am-4 00pm 6/6/92 and 6/20/92			
0101	MW 6 00pm-9 00pm	Bldg HBK, Room 4115	Liesener, J
Development, management, and evaluation of school library media programs at all levels.			
LBSC 745 Storytelling Materials and Techniques 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department. Plus project.			
0101	MW 9 30am-12 45pm	Bldg HBK, Room 0115	MacLeod, A
Literary sources and instruction and practice in oral storytelling.			
LBSC 750 Advanced Reference Services 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisites: permission of department, and either LBSC 651 or permission of instructor.			
0101	MTuTh 9 30am-12 00pm	Bldg HBK, Room 0103	White, M
Plus 3 hours 12 00pm-12 00pm 6/6/92. Analysis of reference problems, search strategy development, and theoretical and administrative considerations of reference services. Evaluation and searching of online databases and other computerized resources.			
LBSC 752 Literature and Research in the Arts 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisites: permission of department, and either LBSC 651 or permission of instructor.			
0101	Meets MAY 28 to JUL 10 Th 6 00pm-9 00pm	Bldg HBK, Room 0115	Robertson, J
Interdisciplinary treatment of bibliography and research trends in the visual and performing arts, emphasizing architecture, painting, sculpture, and the minor arts. Examination of rare bibliographies, special organizational problems, terminology, and classification systems.			
LBSC 753 Literature and Research in the Social Sciences 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisites: permission of department, and either LBSC 651 or permission of instructor.			
0101	MTuTh 1 30pm-4 00pm	Bldg HBK, Room 0103	White, M
Factors affecting the generation and use of social science information, including characteristics of the social sciences and their methodology, the structure of social science literature, and control of diverse forms of social science information.			
LBSC 756 Literature and Research in Science and Technology 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department, and either LBSC 651 or permission of instructor.			
0101	MTuTh 1 30pm-4 00pm	Bldg HBK, Room 0115	Abels, E
Scientific and technical information, its generation and use by scientists and engineers, and its flow through formal and informal channels. Principal sources of scientific and technical information, and their characteristics, search and utilization, with emphasis on materials selection for scientific and technical collections, and the adoption of service strategies to fit different clientele.			
LBSC 766 Business Information Services 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department, and either LBSC 651 or permission of instructor.			
0201	Meets JUL 13 to JUL 31 MTuWThF 9 30am-12 00pm	Bldg HBK, Room 4113	Wasserman, P
Plus special exercise. Survey and analysis of information sources in business, finance, and economics with emphasis on their use in problem solving.			
LBSC 793 Database Design 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: LBSC 690 or permission of instructor, and permission of department. Plus 10 00am-12 00pm on 7/13/92 and 7/16/92			
0101	MTh 9 30am-12 00pm	Bldg HBK, Room 0105	Green, R
Principles of user-oriented database design. Requirements analysis. Data modeling. Data integrity and security and multi-user databases. Implementing an information system using a database management system (DBMS).			
LBSC 794 Principles of Software Evaluation 3 credits. Grading Method: REG/AUD Permission of department required. Prerequisite: permission of department, and either LBSC 690 or LBSC 691. Plus Lab.			
0101	MW 6 00pm-9 15pm	Bldg HBK, Room 0105	Liesbcher, P
Human factors and other criteria for evaluating software for instructional, library, and information applications. Systematic procedures for evaluating and selecting appropriate packages.			
LBSC 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

LING

LINGUISTICS (ARTS AND HUMANITIES)

LING 200 Introductory Linguistics 3 credits. Grading Method: REG/P-F/AUD COGNITIVE Studies, Behavior, and Social Science Course. USP Distributive Studies Area D. Social and Behavioral Sciences Course. Not open to students who have completed ANTH 371 or HESP 120. Credit will be granted for only one of the following: LING 100 or LING 200. Basis for future work in linguistics.			
0101	MTuWThF 9 30am-10 50am	Bldg HBK, Room 1234	Munn, A
Ways of studying human language; basic concepts of modern linguistic analysis (sound systems, word formation, syntax, meaning). The nature of human language, the social aspects of language, language change, dialect, writing systems, language universals, etc.			
LING 499 Directed Studies in Linguistics 3 credits. Grading Method: REG/P-F/AUD Permission of department required.			
0101	Time Arranged	Room Arranged	Lightfoot, D
0201	Time Arranged	Room Arranged	Lightfoot, D
LING 698 Directed Study 3 credits. Grading Method: REG Permission of department required.			
0201	Time Arranged	Room Arranged	STAFF
LING 799 Master's Thesis Research: Master's Thesis 1-6 credits. Grading Method: REG Permission of department required.			
0201	Time Arranged	Room Arranged	STAFF
LING 889 Directed Research 1-8 credits. Grading Method: REG Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
LING 895 Doctoral Research Paper 1-6 credits. Grading Method: REG Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
LING 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

MAPL

APPLIED MATHEMATICS (COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

MAPL 460 Computational Methods 3 credits, Grading Method REG/P-FAUD
Prerequisites: a grade of C or better in MATH 240 and MATH 241, and CMSC 110 or CMSC 113. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.

0201 MTuWThF 8:00am-9:20am Bldg MTH, Room B0421 STAFF
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 methods and their computational properties rather than their analytic aspects. Intended primarily for students in the physical and engineering sciences.

MAPL 799 Master's Thesis Research 1-6 credits, Grading Method REG.
Time Arranged Room Arranged STAFF

0201 Time Arranged Room Arranged STAFF
MAPL 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG
0101 Time Arranged Room Arranged STAFF
0201 Time Arranged Room Arranged STAFF

MATH

MATHEMATICS (COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

For those students experiencing math anxiety or who feel deficient in math study skills, refer to the special programs section, SUMM 003.

MATH 110 Elementary Mathematical Models 3 credits, Grading Method REG/P-FAUD
Permission of department required. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 000. Not open to students majoring in mathematics, engineering, and the physical sciences. MATH 110 is not open to students in the Engineering and Computer, Mathematical, and Physical Sciences Colleges.

0101 MTuWThF 8:00am-9:20am Bldg MTH, Room 0306 STAFF
0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0103 STAFF
0103 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0103 STAFF
0201 MTuWThF 8:00am-9:20am Bldg MTH, Room 0103 STAFF
0202 MTuWThF 9:30am-10:50am Bldg MTH, Room 0103 STAFF
0203 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0405 STAFF

Elementary introduction to models useful in the biological, management, and social sciences. Matrices, systems of linear equations, and linear inequalities in two or three variables are used to solve simple but representative problems in linear programming, stochastic processes, game theory, and the mathematics of investment and annuities.

MATH 111 Introduction to Probability 3 credits, Grading Method REG/P-FAUD
CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Permission of department required. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 111 or STAT 100.

0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0409 STAFF
0202 MTuWThF 9:30am-10:50am Bldg MTH, Room 0306 STAFF
Logic, Boolean algebra, counting, probability, random variables, expectation applications of the normal probability distribution.

MATH 115 Precalculus 3 credits, Grading Method REG/P-FAUD
Permission of department required. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 000.

0101 MTuWThF 8:00am-9:20am Bldg MTH, Room 0405 STAFF
0103 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0409 STAFF
0201 MTuWThF 8:00am-9:20am Bldg MTH, Room 0405 STAFF
0202 MTuWThF 9:30am-10:50am Bldg MTH, Room 0307 STAFF
Preparation for MATH 240 or MATH 141. Elementary, limits, and graphs: polynomials, rational functions, exponential and logarithmic functions, trigonometric functions. Algebraic techniques preparatory for calculus.

MATH 140 Calculus I 4 credits, Grading Method REG/P-FAUD
CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Permission of department required. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220.

0101 Meets JUN 1 to JUL 24
MTuWThF 8:00am-9:20am Bldg MTH, Room 0407 STAFF
0102 Meets JUN 1 to JUL 24
MTuWThF 9:30am-10:50am Bldg MTH, Room 0101 STAFF
0103 Meets JUN 1 to JUL 24
MTuWThF 11:00am-12:20pm Bldg MTH, Room B0421 STAFF

Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching graphs of functions, definite and indefinite integrals, and calculation of area. The course is especially recommended for science and mathematics majors.

MATH 141 Calculus II 4 credits, Grading Method REG/P-FAUD
CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.

0101 Meets JUN 1 to JUL 24
MTuWThF 8:00am-9:20am Bldg MTH, Room 0101 STAFF
0102 Meets JUN 1 to JUL 24
MTuWThF 9:30am-10:50am Bldg MTH, Room 0405 STAFF
0103 Meets JUN 1 to JUL 24
MTuWThF 11:00am-12:20pm Bldg MTH, Room 0101 STAFF
Continuation of MATH 140. Includes techniques of integration, improper integrals, applications of integration (such as volume, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series.

MATH 210 Elements of Mathematics 4 credits, Grading Method REG/P-FAUD
USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.

0101 Meets JUN 1 to JUL 24
MTuWThF 8:00am-9:20am Bldg MTH, Room 0409 STAFF
Topics from algebra, number theory, and techniques of integration brought into analytic, 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, Grading Method REG/P-FAUD
USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: MATH 210 or equivalent.

0101 Meets JUN 1 to JUL 24
MTuWThF 8:00am-9:20am Bldg MTH, Room 0403 STAFF
Structure of mathematics of sets, geometry, algebraic structures, logic, measurement, congruence, similarity, graphs in the plane, geometry on the sphere.

MATH continued

MATH 220 Elementary Statistics I 3 credits, Grading Method REG/P-FAUD
CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Permission of department required. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.

0101 Meets JUN 1 to JUL 24
Bldg MTH, Room 0303 STAFF
0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0307 STAFF
0103 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0403 STAFF
0201 MTuWThF 8:00am-9:20am Bldg MTH, Room 0304 STAFF
0202 MTuWThF 9:30am-10:50am Bldg MTH, Room 0303 STAFF
0203 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0403 STAFF

Basic ideas of differential and integral calculus, with emphasis on elementary techniques of differentiation and applications.

MATH 221 Elementary Calculus II 3 credits, Grading Method REG/P-FAUD
CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.

0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0303 STAFF
0201 MTuWThF 8:00am-9:20am Bldg MTH, Room 0306 STAFF
Differential and integral calculus, with emphasis on elementary techniques of integration and applications.

MATH 240 Introduction to Linear Algebra 4 credits, Grading Method REG/P-FAUD
CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 401.

0103 Meets JUN 1 to JUL 24
MTuWThF 11:00am-12:20pm Bldg MTH, Room 0407 STAFF
Basic concepts of linear algebra: vector spaces, applications of vector and plane geometry, linear equations and matrices, similar matrices, linear transformations, eigenvalues, determinants and quadratic forms.

MATH 241 Calculus III 4 credits, Grading Method REG/P-FAUD
USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171.

0102 Meets JUN 1 to JUL 24
Bldg MTH, Room 0105 STAFF
Introduction to vector calculus, including vector and scalar valued functions, partial derivatives and applications of partial derivatives (such as tangent planes and L-Grange multipliers), multiple integrals, volume, surface area, and the classical theorems of Green, Stokes and Gauss.

MATH 246 Differential Equations for Scientists and Engineers 3 credits, Grading Method REG/P-FAUD
USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: MATH 141 or equivalent.

0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0403 STAFF
0203 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0306 STAFF
An introduction to the basic methods of solving ordinary differential equations. Equations of first and second order, linear differential equations, Laplace transforms, numerical methods, and the qualitative theory of differential equations.

MATH 401 Applications of Linear Algebra 3 credits, Grading Method REG/P-FAUD
Prerequisite: MATH 240 or MATH 400 or MATH 461.

0103 MTuWThF 11:00am-12:20pm Bldg MTH, Room 0106 STAFF
Various applications of linear algebra: theory of finite games, linear programming, matrix methods as applied to finite Markov chains, random walk, incidence matrices, graphs and directed graphs, networks, transportation problems.

MATH 402 Algebraic Structures 3 credits, Grading Method REG/P-FAUD
Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.

0101 Meets JUN 1 to JUL 24
Bldg MTH, Room 0305 STAFF
For students having only limited experience with rigorous mathematical proofs. Parallel MATH 403. Students planning graduate work in mathematics should take MATH 403. Groups, rings, integral domains and fields, detailed study of several groups, properties of integers and polynomials. Emphasis is on the origin of the mathematical ideas studied and the logical structure of the subject.

MATH 406 Introduction to Number Theory 3 credits, Grading Method REG/P-FAUD
CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141 or permission of department.

0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0407 STAFF
0203 MTuWThF 11:00am-12:20pm Bldg MTH, Room 1311 STAFF
Integers, integers modulo n , greatest common divisors, congruences, quadratic reciprocity, Diophantine equations and arithmetic functions.

MATH 410 Advanced Calculus I 3 credits, Grading Method REG/P-FAUD
Permission of department required. Prerequisites: MATH 240, and MATH 241. Meets 8 weeks 4 days per week.

0102 Meets JUN 1 to JUL 24
MTuThF 9:30am-10:50am Bldg MTH, Room B0421 STAFF
First semester of a year course. Subjects covered during the year are: sequences and series of numbers, continuity and differentiability of real valued functions of one variable, the Riemann integral, sequences of functions, and power series. Functions of several variables including partial derivatives, multiple integrals, line and surface integrals. The implicit function theorem.

MATH 411 Advanced Calculus II 3 credits, Grading Method REG/P-FAUD
Permission of department required. Prerequisites: MATH 410, and MATH 240 or MATH 400. Meets 8 weeks 4 days per week.

0102 Meets JUN 1 to JUL 24
MTuThF 9:30am-10:50am Bldg MTH, Room 0102 STAFF
Continuation of MATH 410.

MATH 430 Euclidean and Non-Euclidean Geometries 3 credits, Grading Method REG/P-FAUD
CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141.

0202 MTuWThF 9:30am-10:50am Bldg MTH, Room 0305 STAFF
Hilbert's axioms for Euclidean geometry. Non-Euclidean geometry: the consistency of the hyperbolic parallel postulate and the inconsistency of the elliptic parallel postulate with neutral geometry. Models of hyperbolic geometry. Existence and properties of isometries.

MATH 450 Logic for Computer Science 3 credits, Grading Method REG/P-FAUD
Prerequisite: MATH 141 or MATH 140. Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 444 or MATH 450/CMSC 450.

0102 MTuWThF 9:30am-10:50am Bldg MTH, Room 0305 STAFF
0202 MTuWThF 9:30am-10:50am Bldg MTH, Room 0403 STAFF
Elementary development of propositional and first-order logic accessible to the advanced undergraduate computer science student, including the resolution method in propositional logic and Herbrand's unsatisfiability theorem in first-order logic. Included are the concepts of truth, interpretations, validity, provability, soundness, completeness, inconsistency, decidability and semi-decidability.

MATH continued

MATH 461	Linear Algebra for Scientists and Engineers 3 credits, Grading Method: REG/P-F/AUD Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.		
0103	MTuWThF 11 00am-12 20pm	Bldg MTH, Room 0105	STAFF
0201	MTuWThF 8 00am-9 20am	Bldg MTH, Room 0307	STAFF
	Basic concepts of linear algebra. This course is similar to MATH 240, but with more extensive coverage of the topics needed in applied linear algebra: change of bases, complex eigenvalues, diagonalization, the Jordan canonical form.		
MATH 462	Partial Differential Equations For Scientists and Engineers 3 credits, Grading Method: REG/P-F/AUD Prerequisites: MATH 241, and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.		
0101	MTuWThF 8 00am-9 20am	Bldg MTH, Room 0105	STAFF
0103	MTuWThF 11 00am-12 20pm	Bldg MTH, Room 0405	STAFF
0201	MTuWThF 8 00am-9 20am	Bldg MTH, Room 0303	STAFF
	Linear spaces and operators, orthogonal, normal, Hermitian problems and eigenfunction expansions for ordinary differential equations, introduction to partial differential equations, including the heat equation, wave equation and Laplace's equation, boundary value problems, initial value problems, and integral-boundary value problems.		
MATH 463	Complex Variables for Scientists and Engineers 3 credits, Grading Method: REG/P-F/AUD Prerequisite: MATH 241 or equivalent.		
0103	MTuWThF 11 00am-12 20pm	Bldg MTH, Room 0306	STAFF
0103	MTuWThF 9 30am-10 50am	Bldg MTH, Room 0106	STAFF
0203	MTuWThF 11 00am-12 20pm	Bldg MTH, Room 0106	STAFF
	The algebra of complex numbers, analytic functions, mapping properties of the elementary functions. Cauchy integral formula. Theory of residues and application to evaluation of integrals. Conformal mapping.		
MATH 799	Master's Thesis Research 1-6 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MATH 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

MEES MARINE-ESTUARINE-ENVIRONMENTAL SCIENCES (LIFE SCIENCES)

MEES 699	Special Problems in Marine-Estuarine-Environmental Sciences: Special Problems in Marine Estuarine Science 1-3 credits, Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MEES 799	Masters Thesis Research 1-6 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0202	Time Arranged	Room Arranged	STAFF
MEES 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

METO METEOROLOGY (COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

METO 499	Special Problems in Atmospheric Science 1-3 credits, Grading Method: REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
METO 798	Directed Graduate Research 1-3 credits, Grading Method: S-F		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
METO 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

MICB MICROBIOLOGY (LIFE SCIENCES)

MICB 200	General Microbiology 4 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Life Science Laboratory Course USP Distributive Studies Area B Natural Sciences and Mathematics Course Prerequisite: BIOL 105. Credit will be granted for only one of the following: MICB 100 or MICB 200.		
0101	MTuWThF 8 00am-9 00am	Bldg HBK, Room 0109	Woodman, D
	MTuWThF 9 00am-11 00am	Bldg MCB, Room 1201 (LAB)	
0102	MTuWThF 8 00am-9 00am	Bldg HBK, Room 0109	Woodman, D
	MTuWThF 9 00am-11 00am	Bldg MCB, Room 1205 (LAB)	
0103	MTuWThF 8 00am-9 00am	Bldg HBK, Room 0109	Woodman, D
	MTuWThF 9 00am-11 00am	Bldg MCB, Room 1206 (LAB)	
	Fundamental concepts in microbiology, physiology, genetics, immunology, ecology, and pathogenic microbiology. Applications of microbiology to medicine, the food industry and biotechnology.		
MICB 379	Honors Research 2-3 credits, Grading Method: REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MICB 388	Special Topics in Microbiology 1-4 credits, Grading Method: REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MICB 388F	Special Topics in Microbiology: Research Projects 1-4 credits, Grading Method: REG/P-F/AUD Contact department to make arrangements.		
0101	Time Arranged	Room Arranged	Smith, A
0201	Time Arranged	Room Arranged	Voll, M
MICB 399	Microbiological Problems 3 credits, Grading Method: REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MICB 450	Immunology 4 credits, Grading Method: REG Prerequisite: MICB 440. Credit will be granted for only one of the following: ZOO 455 or MICB 450.		
0101	MTuWThF 9 30am-10 30am	Bldg HBK, Room 0117	Roberson, B
	MTuWThF 10 30am-12 30pm	Bldg MCB, Room 1135 (LAB)	
	Principles of immunity, hypersensitivity. Fundamental techniques of immunology.		

MICB continued

MICB 688	Special Topics 1-4 credits, Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MICB 799	Master's Thesis Research 1-6 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MICB 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

MUED MUSIC EDUCATION (ARTS AND HUMANITIES)

MUED 499A	Workshops, Clinics, Institutes: European and Euro-American Folk Music for the Classroom 3 credits, Grading Method: REG/AUD		
0101	Meets JUN 22 to JUL 10 MTuWThF 9 00am-12 00pm	Bldg TWS, Room 2138	McCarthy, M
MUED 699A	Current Trends in Music Education: European and Euro-American Folk Music for the Classroom 3 credits, Grading Method: REG/AUD		
0101	Meets JUN 22 to JUL 10 MTuWThF 9 00am-12 00pm	Bldg TWS, Room 2138	McCarthy, M

MUSC MUSIC (ARTS AND HUMANITIES)

MUSC 102B	Beginning Class Piano I 2 credits, Grading Method: REG		
0101	MTuWTh 12 30pm-1 50pm	Bldg TWS, Room 3218	STAFF
MUSC 140	Music Fundamentals I 3 credits, Grading Method: REG/P-F/AUD CORE Distributive Studies Arts Course USP Distributive Studies Area C Literature and the Arts Course. Limited to non-music majors.		
0101	MTuWThF 11 00am-12 20pm	Bldg TWS, Room 2102	STAFF
0201	MTuWThF 11 00am-12 20pm	Bldg TWS, Room 2102	STAFF
	Introductory theory course. Notation, scales, intervals, triads, rhythm, form, and basic aural skills.		
MUSC 155	Fundamentals for the Classroom Teacher 3 credits, Grading Method: REG/P-F/AUD Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.		
0101	MTuWThF 9 30am-10 50am	Bldg TWS, Room 2135	Saunders, C
	The fundamentals of music theory and practice, related to the needs of the classroom and kindergarten teacher, and organized in accordance with the six-area concept of musical learning.		
MUSC 388	Music Internship 3 credits, Grading Method: REG Permission of department required.		
0101	Time Arranged	Bldg TWS, Room 2106 (LAB)	Cooper, J
0201	Time Arranged	Bldg TWS, Room 2106 (LAB)	Cooper, J
MUSC 389	Music Internship Analysis 1 credit, Grading Method: REG Permission of department required.		
0101	Time Arranged	Bldg TWS, Room 2106 (LAB)	Cooper, J
0201	Time Arranged	Bldg TWS, Room 2106 (LAB)	Cooper, J
MUSC 448	Selected Topics in Music 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
MUSC 448A	Selected Topics in Music: Controversial Issues in Music Education History 3 credits, Grading Method: REG/AUD		
0101	Meets JUN 11 to JUN 19 MTuWThF 9 00am-12 00pm	Bldg TWS, Room 2138	McCarthy, M
MUSC 448C	Selected Topics in Music: Flute Masterclass 1992 2 credits, Grading Method: REG/AUD		
0101	Meets JUL 2 to JUL 12 MTuWThF SaSu 10 00am-10 00p	Bldg TWS, Room 1125	Montgomery, W
MUSC 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
MUSC 699	Selected Topics in Music 2-3 credits, Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MUSC 699A	Selected Topics in Music: Controversial Issues in Music Education History 3 credits, Grading Method: REG/AUD		
0101	Meets JUN 11 to JUN 19 MTuWThF 9 00am-12 00pm	Bldg TWS, Room 2138	McCarthy, M
MUSC 699C	Selected Topics in Music: Flute Masterclass 1992 2 credits, Grading Method: REG/AUD		
0101	Meets JUL 2 to JUL 12 MTuWThF SaSu 10 00am-10 00p	Bldg TWS, Room 1125	Montgomery, W
MUSC 799	Master's Thesis Research 1-6 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
MUSC 899	Doctoral Dissertation Research 1-8 credits, Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
NRMT	NATURAL RESOURCES MANAGEMENT (AGRICULTURE)		
NRMT 389	Internship 3 credits, Grading Method: S-F		
0101	Time Arranged	Room Arranged	Kangas, P
NRMT 487	Conservation of Natural Resources 1 3 credits, Grading Method: REG/P-F Permission of department required. Formerly AED-487. Corequisite: NRMT 397. A \$50 transportation fee for field trips will be assessed.		
0101	Meets JUN 22 to JUL 10 MTuWThF 9 00am-12 00pm	Bldg SYM, Room 2300	Messersmith, D
	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 NRMT 497 in summer season.		
NRMT 489	Field Experience 1-4 credits, Grading Method: REG/P-F/AUD		
0101	Time Arranged	Room Arranged	Kangas, P

NRMT continued

NRMT 497	Conservation of Natural Resources II 3 credits, Grading Method REG/P-F Permission of department required. Formerly AED 497. Corequisite: NRMT 487. A S50 transportation fee for field trips will be assessed.
0101	Meets JUN 22 to JUL 10 MTuWThF 1 00pm-4 00pm
	Bldg SYM, Room 2300 Messersmith, D
	D 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 NRMT 487 in summer semester.

NUSC

NUTRITIONAL SCIENCE
(HUMAN ECOLOGY)

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

NUTR

NUTRITION
(HUMAN ECOLOGY)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUTR 100	Elements of Nutrition 3 credits, Grading Method REG/P-AUD USP Distributive Studies Area B Natural Sciences and Mathematics Course
0101	MTuWThF 9 30am-10 50am Bldg MMH, Room 1400 STAFF
	Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.
NUTR 200	Nutrition for Health Services 3 credits, Grading Method REG/P-AUD Prerequisites: CHEM 233 and ZOO 201 or ZOO 202 or ZOO 211
0101	MWF 8 00am-9 20am Bldg MMH, Room 3418 STAFF
	TuTh 9 80am-11 00am Bldg MMH, Room 1206 (LAB)
	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.
NUTR 335	History of Nutrition 3 credits, Grading Method REG/P-AUD USP Advanced Studies Development of Knowledge Course Prerequisite: course in basic nutrition.
0101	MTuWThF 11 00am-12 20pm Bldg MMH, Room 1400 Ahrens, R
	The development of knowledge in nutrition, including the biographies of creative nutrition researchers and the nature of the discovery process. The use of hypotheses to focus exploration and the testing and evaluation of important hypotheses in nutrition.
NUTR 490	Special Problems in Nutrition 3 credits, Grading Method REG/P-AUD Prerequisite: NUTR 410 and permission of department.
0101	Time Arranged Room Arranged STAFF
	Individual selected problems in the area of human nutrition.
NUTR 678A	Selected Topics in Nutrition: Independent Study 1-6 credits, Grading Method REG/AUD Permission of instructor required.
0101	Time Arranged Room Arranged STAFF
NUTR 789	Non-Thesis Research 1-3 credits, Grading Method S-F
0101	Time Arranged Room Arranged STAFF
0201	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

PHIL

PHILOSOPHY
(ARTS AND HUMANITIES)

PHIL 100	Introduction to Philosophy 3 credits, Grading Method REG/P-AUD CORE Distributive Studies Humanities Course USP Distributive Studies Area A Cultural and Historical Course
0201	TuTh 3 30pm-6 50pm Bldg CSS, Room 2352 Gryz, J
	An introduction to the literature, problems, and methods of philosophy, either through a study of some of the major figures in philosophy, thought or through an examination of some of the central and recurring problems of philosophy.
PHIL 105	God and Cosmos 3 credits, Grading Method REG/P-AUD CORE Distributive Studies Humanities Course. Not open to students who have completed PHIL 236.
0101	MTuWThF 12 30pm-1 50pm Bldg CSS, Room 2330 Hanley, R
	Literature, problems, and methods of philosophy through a study of problems about God, self, and cosmos, and the relations among them. Emphasis on Western philosophy.
PHIL 140	Contemporary Moral Issues 3 credits, Grading Method REG/P-AUD CORE Distributive Studies Humanities Course USP Distributive Studies Area D Social and Behavioral Sciences Course
0201	MTuWThF 11 00am-12 20pm Bldg CSS, Room 2352 Odell, 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-AUD
0101	MTuWThF 9 30am-10 50am Bldg CSS, Room 2352 Sanky, J
0201	MTuWThF 12 30pm-1 50pm Bldg CSS, Room 2352 Odell, S
	A general introduction to the discipline of logic. Traditional and modern deductive techniques, informal fallacies.
PHIL 209D	Philosophical Issues: Indian Philosophy and Religion 3 credits, Grading Method REG/P-AUD
0201	MTuWThF 9 30am-10 50am Bldg CSS, Room 2352 Senagapatt, P
	An introduction to major trends in Indian philosophy and religion with special emphasis on the Vedanta schools, both theistic and atheistic; the Bhagavadgita as seminal text; the study of some recent philosophers and poets writing their Vedantic notes. Comparisons with the thoughts of the West.

PHIL continued

PHIL 209E	Philosophical Issues: Existentialism and the Modern World 3 credits, Grading Method REG/P-AUD
0101	MTuWThF 11 00am-12 20pm Bldg CSS, Room 2352 Slotte, M
	A study of perennial problems of human existence through an examination of the thought of Kierkegaard, Nietzsche, Sartre, Camus, and Heidegger in relation to their cultural context (Marxism and psychoanalysis) and for their contemporary ethical significance.
PHIL 250	Philosophy of Science 1.3 credits, Grading Method REG/P-AUD CORE Distributive Studies Humanities Course USP Distributive Studies Area A Cultural and Historical Course
0101	TuTh 3 30pm-6 50pm Bldg CSS, Room 2330 Stars, A
	Main issues in the philosophy of science. 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.
PHIL 328B	Studies in the History of Philosophy: Marxist Philosophy 3 credits, Grading Method REG/P-AUD
0101	USP Advanced Studies Development of Knowledge Course MW 3 30pm-6 50pm Bldg CSS, Room 2352 Tucker, A
	The development of Marxist philosophy from its Hegelian roots, through its modern adherents, Lenin, Lukacs, and Marcuse, and its recent critics, such as Vaclav Havel. Readings in Marx, The German Ideology, The Grundrisse, Das Capital, and others.
PHIL 447	Philosophy of Law 3 credits, Grading Method REG/P-AUD CORE Advanced Studies Social and Ethical Problems Course USP Advanced Studies Development of Knowledge Course Prerequisite: one course in philosophy
0101	MTuWThF 2 00pm-3 20pm Bldg CSS, Room 2330 Fyfe, R
0201	MTuWThF 2 00pm-3 20pm Bldg CSS, Room 2352 Freshman, S
	Examination of fundamental concepts related to law, e.g., legal system, law and morality, justice, legal reasoning, responsibility.
PHIL 498K	Topical Investigations 1.3 credits, Grading Method REG/P-AUD Permission of department required.
0101	Time Arranged Room Arranged STAFF
PHIL 498M	Topical Investigations 1.3 credits, Grading Method REG/P-AUD
0201	Time Arranged Room Arranged STAFF
PHIL 688K	Selected Problems in Philosophy 1.3 credits, Grading Method REG/AUD Permission of department required.
0101	Time Arranged Room Arranged STAFF
PHIL 688M	Selected Problems in Philosophy 1.3 credits, Grading Method REG/AUD
0201	Time Arranged Room Arranged STAFF
PHIL 788K	Research in Philosophy 1-6 credits, Grading Method REG/AUD Permission of department required.
0101	Time Arranged Room Arranged STAFF
PHIL 788M	Research in Philosophy 1-6 credits, Grading Method REG/AUD
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

PHYSICS
(COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

PHYS 121	Fundamentals of Physics I 4 credits, Grading Method REG/P-AUD CORE Distributive Studies Physical Science Laboratory Course USP Distributive Studies Area B Natural Sciences and Mathematics Course Prerequisite: previous course work in trigonometry or MATH 115. This course meets entire Summer Session I plus the first two weeks of Summer Session II.
0101	Meets JUN 1 to JUL 24 MTuWTh 9 30am-10 50am Bldg PHY, Room 1410 Restorff, K
	MW 2 00pm-4 00pm Bldg PHY, Room 3306 (LAB)
	MW 1 00pm-1 50pm Bldg PHY, Room 4220 (DIS)
0102	Meets JUN 1 to JUL 24 MTuWTh 9 30am-10 50am Bldg PHY, Room 1410 Restorff, K
	TuTh 2 00pm-4 00pm Bldg PHY, Room 3306 (LAB)
	TuTh 1 00pm-1 50pm Bldg PHY, Room 4220 (DIS)
	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-AUD CORE Distributive Studies Physical Science Laboratory Course USP Distributive Studies Area B Natural Sciences and Mathematics Course Prerequisite: PHYS 121 or equivalent. This course meets entire Summer Session I plus the first 2 weeks of Summer Session II.
0101	Meets JUN 1 to JUL 24 MTuWTh 9 30am-10 50am Bldg PHY, Room 1402 Rapport, M
	MW 2 00pm-4 00pm Bldg PHY, Room 3316 (LAB)
	MW 1 00pm-1 50pm Bldg PHY, Room 4220 (DIS)
0102	Meets JUN 1 to JUL 24 MTuWTh 9 30am-10 50am Bldg PHY, Room 1402 Rapport, M
	TuTh 2 00pm-4 00pm Bldg PHY, Room 3316 (LAB)
	TuTh 1 00pm-1 50pm Bldg PHY, Room 4202 (DIS)
	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-AUD CORE Distributive Studies Physical Science Course USP Distributive Studies Area B Natural Sciences and Mathematics Course Prerequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.
0101	MTuWTh 9 30am-10 50am Bldg PHY, Room 1412 Fivel, D
	MW 11 00am-12 00pm Bldg PHY, Room 1412 (DIS)
0102	MTuWTh 9 30am-10 50am Bldg PHY, Room 1412 Fivel, D
	TuTh 11 00am-12 00pm Bldg PHY, Room 1402 (DIS)
	First semester of three-semester calculus-based general physics course. 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 3 credits, Grading Method REG/P-AUD CORE Distributive Studies Physical Science Laboratory Course USP Distributive Studies Area B Natural Sciences and Mathematics Course Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192.
0201	MTuWThF 9 30am-10 50am Bldg PHY, Room 1412 STAFF
	MW 11 00am-12 00pm Bldg PHY, Room 4220 (DIS)
0202	MTuWThF 9 30am-10 50am Bldg PHY, Room 1412 STAFF
	TuTh 11 00am-12 00pm Bldg PHY, Room 4220 (DIS)

PHYS continued

Second semester of a three-semester calculus-based general physics course. Vibrations, waves, fluids, heat, kinetic theory, and thermodynamics, electrostatics, circuits, and magnetism. PHY 293 is the lab for this course.

PHYS 262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)			
No credit, Grading Method: NGI			
Corequisite: PHYS 262			
0201	MW 1 00pm-3 00pm	Bldg. PHY, Room 3312 (LAB)	STAFF
0202	TuTh 1 00pm-3 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			
USP Advanced Studies Development of Knowledge Course. Prerequisite: PHYS 263 or PHYS 273 or PHYS 301, and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.			
0101	MTuWThF 1 00pm-2 00pm	Bldg. PHY, Room 1412	Fivel, D
A survey of atomic and nuclear phenomena and the main trends in modern physics. Appropriate for students in engineering and other physical sciences.			
PHYS 429 Atomic and Nuclear Physics Laboratory 3 credits, Grading Method: REG/P-F/AUD			
Permission of department required. The course meets entire Summer Session I plus the first two weeks of Summer Session II.			
0101	Meets JUN 1 to JUL 24 MTu 1 00pm-6 00pm	Bldg. PHY, Room 3112 (LAB)	Matthews, D
PHYS 499 Special Problems in Physics 1-16 credits, Grading Method: REG/P-F/AUD			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
PHYS 602 Statistical Physics 3 credits, Grading Method: REG/AUD			
Prerequisite: PHYS 410 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603.			
0101	MTuWThF 10 00am-11 20am	Bldg. EGR, Room 1102	Kim, Y
Statistical mechanics, thermodynamics, kinetic theory.			
PHYS 621 Graduate Laboratory 3 credits, Grading Method: REG/AUD			
The course meets entire Summer Session I plus the first four weeks of Summer Session II.			
0101	Meets JUN 1 to AUG 8 MTu 1 00pm-6 00pm	Bldg. PHY, Room 3112 (LAB)	Matthews, D
Design and performance of advanced experiments in modern and classical physics.			
PHYS 624 Advanced Quantum Mechanics 3 credits, Grading Method: REG/AUD			
Prerequisite: PHYS 623			
0201	MTuWThF 9 30am-10 50am	Bldg. PHY, Room 4220	Oneda, S
Relativistic wave equations, second quantization in many body problems and relativistic wave equations, Feynman-Dyson perturbation theory, applications to many body problems, application to quantum electrodynamics, elements of renormalization.			
PHYS 799 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 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
PHYS 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

PSYC

PSYCHOLOGY
(BEHAVIORAL AND SOCIAL SCIENCES)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

PSYC 100 Introduction to Psychology 3 credits, Grading Method: REG/P-F/AUD			
CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Social and Behavioral Sciences Course.			
0101	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 1243	Sternhom, C
0201	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 1243	Johnson, J
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			
Permission of department required. Prerequisite: PSYC 100, and MATH 111 or MATH 140 or MATH 220.			
0101	MTuWThF 11 00am-12 20pm	Bldg. ZOP, Room 1236	Larkin, W
0201	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 2283	Pavlick, T
A basic introduction to quantitative methods used in psychological research.			
PSYC 301 Biological Basis of Behavior 3 credits, Grading Method: REG/P-F/AUD			
USP Distributive Studies Area B Natural Sciences and Mathematics Course. Prerequisite: PSYC 100			
0101	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 1236	Brauth, S
The experimental analysis of the behavior of humans and animals and underlying biological mechanisms. Topics such as genetic determiners and physiological mechanisms, and basic principles of conditioning and learning.			

PSYC continued

PSYC 310 Perception 3 credits, Grading Method: REG/P-F/AUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course. Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410.			
0101	MW 1 00pm-4 20pm	Bldg. ZOP, Room 2283	Sternhom, C
A survey of phenomena and theories of perception including psychological, anatomical, physiological, and environmental factors important to determining how we perceive the world. Historical background will be examined as well as contemporary research.			
PSYC 332 Psychology of Human Sexuality 3 credits, Grading Method: REG/P-F/AUD			
Prerequisite: PSYC 100			
0101	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 2283	Brown, R
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 Relationships 3 credits, Grading Method: REG/P-F/AUD			
Prerequisite: PSYC 100			
0101	MTuWThF 11 00am-12 20pm	Bldg. ZOP, Room 2283	Brown, R
Research, theory, and practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict relations), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).			
PSYC 336 Psychology of Women 3 credits, Grading Method: REG/P-F/AUD			
Prerequisite: PSYC 100			
0201	MW 1 00pm-4 20pm	Bldg. ZOP, Room 1250	Alexander, P
A survey of the biology, life-span development, socialization, personality, mental health, and special issues of women.			
PSYC 337 Introduction to Community Psychology 3 credits, Grading Method: REG/P-F/AUD			
Prerequisite: PSYC 100			
0201	TuTh 1 00pm-4 20pm	Bldg. ZOP, Room 1250	Steele, R
Survey and critical examination of the effects of social process and social structure in community life on individual mental health. Includes theoretical models in community psychology.			
PSYC 355 Child Psychology 3 credits, Grading Method: REG/P-F/AUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course. Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433			
0101	TuTh 1 00pm-4 20pm	Bldg. ZOP, Room 1243	Hall, W
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.			
PSYC 420 Experimental Psychology: Social Processes I 4 credits, Grading Method: REG/P-F/AUD			
Permission of department required. Prerequisites: PSYC 200, and PSYC 221, and completion of the departmentally required English, math, and science supporting course sequence, and permission of department.			
0101	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 0147	Sigall, H
0102	MW 11 00am-12 20pm	Bldg. ZOP, Room 0147 (LAB)	Sigall, H
0201	MTuWThF 9 30am-10 50am	Bldg. ZOP, Room 0147 (LAB)	Sigall, H
0201	MW 1 00pm-4 20pm	Bldg. ZOP, Room 2283	Stangor, C
0202	MW 1 00pm-4 20pm	Bldg. ZOP, Room 2283 (LAB)	Stangor, C
0202	TuTh 11 00am-12 20pm	Bldg. ZOP, Room 0147 (LAB)	Stangor, C
A laboratory course to provide a basic understanding of experimental method in social psychology and experience in conducting research on social processes.			
PSYC 432 Introduction to Counseling Psychology 3 credits, Grading Method: REG/P-F/AUD			
Prerequisite: nine hours in psychology including PSYC 200			
0101	MTuWThF 8 00am-9 20am	Bldg. ZOP, Room 1250	Dies, R
Analysis of each and intervention strategies used and used by counseling psychologists. Historical and current trends in content and methodology.			
PSYC 436 Introduction to Clinical Psychology 3 credits, Grading Method: REG/AUD			
Prerequisite: PSYC 200 or equivalent			
0101	MTuWThF 11 00am-12 20pm	Bldg. ZOP, Room 1238	Dies, R
Critical analysis of clinical psychology, with particular emphasis on current developments and trends.			
PSYC 440 Experimental Psychology: Cognitive Processes 4 credits, Grading Method: REG/P-F/AUD			
Permission of department required. Prerequisites: PSYC 100, and PSYC 200 or a statistics course from an approved departmental list, and completion of the departmentally required English, math and science supporting course sequence, and permission of department.			
0101	MW 11 30am-2 50pm	Bldg. ZOP, Room 1234	Anderson, N
0102	MW 11 30am-2 50pm	Bldg. ZOP, Room 0124 (LAB)	Anderson, N
0201	W 3 00pm-6 20pm	Bldg. ZOP, Room 0124 (LAB)	Plude, D
0201	TuTh 9 00am-12 20pm	Bldg. ZOP, Room 1234	Plude, D
0202	Tu 1 00pm-4 20pm	Bldg. ZOP, Room 0124 (LAB)	Plude, D
0202	TuTh 9 00am-12 20pm	Bldg. ZOP, Room 1234	Plude, D
0202	Th 1 00pm-4 20pm	Bldg. ZOP, Room 0124 (LAB)	Plude, D
A 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 457 Cultural Context of Psychological Development 3 credits, Grading Method: REG/P-F/AUD			
CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course. Prerequisite: PSYC 355, or PSYC 356, or PSYC 357, or permission of department.			
0201	MTuWThF 11 00am-12 20pm	Bldg. ZOP, Room 1238	Johnson, J
An examination of whether important differences or similarities exist among and within cultures in the ways people develop psychological competencies in the period from birth through adolescence.			
PSYC 466 Environmental and Ecological Psychology 3 credits, Grading Method: REG/P-F/AUD			
Prerequisite: PSYC 200			
0201	TuTh 4 00pm-7 20pm	Bldg. ZOP, Room 1234	Steele, R
An examination of measurement, description, and impact of the physical and social environments that affect various aspects of behavior in school, at work, and during leisure.			
PSYC 469H Honors Thesis Proposal Preparation 1-3 credits, Grading Method: REG/P-F/AUD			
Permission of department required			
0201	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
PSYC 478 Independent Study in Psychology 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
PSYC 479 Special Research Problems in Psychology 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

PSYC continued

PSYC 499H Honors Thesis Research 3 credits, Grading Method: REG/P-FAUD			
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

PUAF

PUAF 798B Readings in Public Policy 1-3 credits, Grading Method: REG			
Permission of department required			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

RECR

RECR 130 Recreation and Leisure 3 credits, Grading Method: REG/P-FAUD			
USP Distributive Studies Area D Social and Behavioral Sciences Course			
0101	MTuWThF 9:30am-10:50am	Bldg HHP, Room 1303	Churchill, J
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. Analysis of recreation and leisure behavior in our changing society.			

RECR 335 Recreation and Leisure 3 credits, Grading Method: REG/P-FAUD			
0101	TuTh 7:00pm-10:20pm	Bldg HHP, Room 1301	Churchill, J
0201	TuTh 7:00pm-10:20pm	Bldg HHP, Room 1301	Parker, J
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. Prerequisites: RECR 200, and permission of department. Sophomore level experience. Students may enroll for either Section 0101 or 0201 but must attend all class meetings during both summer sessions			
0101	Time Arranged	Room Arranged	Drogien, E
	Tu 7:00pm-8:00pm	Bldg HHP, Room 0307	
0201	Time Arranged	Room Arranged	Drogien, E
	Tu 7:00pm-8:00pm	Bldg HHP, Room 0307	
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 of equivalent.			

RECR 341 Field Work II 8 credits, Grading Method: REG			
Permission of department required. Prerequisites: RECR 300, and permission of department. Recreation majors only. Students may enroll for either Sections 0101 or 0201 but must attend all class meetings during both summer sessions.			
0101	Time Arranged	Room Arranged	Annard, V
	M 4:00pm-5:00pm	Bldg HHP, Room 0307	
0201	Time Arranged	Room Arranged	Annard, V
	M 4:00pm-5:00pm	Bldg HHP, Room 0307	
Observation and field work placement selected and assigned on the basis of the student's interest and future employment plans. Leadership activity and participation in staff activities and responsibilities.			

RECR 389S Topical Investigations: Recreative Techniques for Stress Management 3 credits, Grading Method: REG/AUD			
0101	MW 7:00pm-10:20pm	Bldg HHP, Room 0302	Francis, T
A theoretical, practical, and collective exploration of recreative techniques used to optimally and enjoyably manage personal levels of stress from both internal and external sources.			

RECR 489 Field Laboratory Projects and Workshop 1-6 credits, Grading Method: REG/P-FAUD			
Permission of department required. Advisor approval required before registration			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

RECR 498X Special Topics in Recreation: Legal Liability in Leisure Services 3 credits, Grading Method: REG/P-FAUD			
0101	TuTh 4:00pm-7:20pm	Bldg HHP, Room 0305	Kozlowski, J

RECR 498Y Special Topics in Recreation: Computer Applications in Leisure Services 3 credits, Grading Method: REG/P-FAUD			
0101	TuTh 7:00pm-10:20pm	Bldg HHP, Room 1304	Drogien, E

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

RTVf

RTVf 212 Introduction to Broadcasting 3 credits, Grading Method: REG/P-FAUD			
For RTVf majors only. Credit will be granted for only one of the following: RTVf 212 and RTVf 222. Formerly RTVf 222.			
0201	MTuWTh 9:30am-11:30am	Bldg TWS, Room 2154	DeGraft, J
Development, scope, and influence of radio and television, emphasis on the relationship of the industries to audience, advertisers, and government.			
RTVf 213 Introduction to Production 3 credits, Grading Method: REG/P-FAUD			
Prerequisite: RTVf 212. For RTVf majors only. Credit will be granted for only one of the following: RTVf 213 or RTVf 223. Formerly RTVf 223.			
0201	MTuWTh 11:00am-1:30pm	Bldg TWS, Room 1202	Gateway, F
Fundamental stages in the planning and completion of programs using radio, television, and film—production, production management and production. Examination of the stages of production, facilities and equipment involved, production aesthetics.			

RTVf continued

RTVf 304 Film Production I 3 credits, Grading Method: REG/P-FAUD			
Prerequisites: RTVf 212 and RTVf 213 and RTVf 214 with a grade of C or better in each. For RTVf majors only. Credit will be granted for only one of the following: RTVf 304 or RTVf 356. Formerly RTVf 356.			
0101	TuWTh 12:30pm-3:00pm	Bldg TWS, Room 2218	Weiss, G
Introduction to film technology and techniques.			

RTVf 314 The Structure and Meaning of Film for Non-Majors 3 credits, Grading Method: REG/P-FAUD			
USP Distributive Studies Area C Literature and the Arts Course. For Summer 1992 only. RTVf 314 may be used for major credit instead of RTVf 214. See department for information.			
0101	TuWTh 9:30am-12:00pm	Bldg TWS, Room 2154	Weiss, G
Film as an art form. A survey of the cinematic medium, its development, film genres, esthetics, criticism, and the current international scene. Significant American and foreign films are viewed. May not be used for RTVf major credit.			

RTVf 317 Introduction to Writing For Radio, Television, Film 3 credits, Grading Method: REG/AUD			
Prerequisites: RTVf 212, and RTVf 213, and RTVf 214 with a grade of C or better in each. For RTVf majors only.			
0101	MTuWThF 9:30am-10:50am	Bldg TWS, Room 2228	Robinson, E
Methods and principles of writing for radio, TV, and film. Basic formats, theories, and writing styles in broadcast and film, emphasis on public service announcements, campaigns, video and film script formats.			

RTVf 384 Field Work Experience 1-3 credits, Grading Method: S-F			
Permission of department required. Prerequisite: permission of department and 18 RTVf credits and 2.8 GPA. Corequisite: RTVf 385 at same credit level. Senior standing. For 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. Credits do not apply toward the major.			

RTVf 385 Field Work Analysis I 3 credits, Grading Method: REG/AUD			
Permission of department required. Prerequisite: permission of department and 18 RTVf credits and 2.8 GPA. Corequisite: RTVf 384 at the same credit level. Senior standing. For RTVf majors only.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
Written critique or project derived from the field work experience.			

RTVf 431 Television Programming 3 credits, Grading Method: REG/P-FAUD			
Prerequisite: RTVf 327 or RTVf 342 or RTVf 343. For RTVf majors only. Credit will be granted for only one of the following: RTVf 431 or RTVf 351. Formerly RTVf 351.			
0201	TuWTh 11:00am-1:30pm	Bldg TWS, Room 0147	Blum, R
The course examines programming trends, theories, and strategies in American television. It explores two major programming areas: program development, and current programming theories and practices. Students analyze current network theories and strategies. In a group-simulation process, class teams work up original programs and schedules to compete with current network practices.			

RTVf 432 Structure and Criticism of Television Advertising 3 credits, Grading Method: REG/P-FAUD			
Prerequisites: RTVf 317, and RTVf 321 or RTVf 342. For RTVf majors only. Credit will be granted for only one of the following: RTVf 432 or RTVf 456. Formerly RTVf 456.			
0101	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 2228	Robinson, E
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 443 Television and Children 3 credits, Grading Method: REG/P-FAUD			
Prerequisite: RTVf 321 or RTVf 327 or RTVf 342 or RTVf 343. For RTVf majors only. Credit will be granted for only one of the following: RTVf 443 or RTVf 353. Formerly RTVf 353.			
0101	TuWTh 2:00pm-4:30pm	Bldg TWS, Room 0147	Parks, S
A study of programming designed for children. Investigation of current research and the analysis of specific programs.			

RTVf 468 The Film Auteur: The Films of Alfred Hitchcock 3 credits, Grading Method: REG/P-FAUD			
0201	TuWTh 1:00pm-3:20pm	Bldg TWS, Room 2154	STAFF

RTVf 469V Film Genres: Inventing Vietnam: The Vietnam War in Film and Television 3 credits, Grading Method: REG/P-FAUD			
0101	TuWTh 9:30am-12:00pm	Bldg TWS, Room 2154	Miller, D

RTVf 498 Seminar: TV Comedy Writing Workshop 3 credits, Grading Method: REG/P-FAUD			
Permission of department required			
0201	TuTh 2:00pm-5:15pm	Bldg TWS, Room 0135	Blum, R

RTVf 498M Seminar: Music Radio: Content and Culture 3 credits, Grading Method: REG/P-FAUD			
0101	TuWTh 9:30am-12:00pm	Bldg TWS, Room 0138	Parks, S

RTVf 699 Independent Study 1-3 credits, Grading Method: REG/AUD			
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			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

RUSS RUSSIAN (ARTS AND HUMANITIES)			
---	--	--	--

RUSS 101 Elementary Russian I 5 credits, Grading Method: REG/P-FAUD			
USP Distributive Studies Area A Cultural and Historical Course. Not open to native speakers of Russian.			
0101	MTuWThF 9:30am-12:20pm	Bldg SCP, Room 1117	Berry, T
Elements of grammar, pronunciation, conversation and reading, exercises in translation.			

RUSS 102 Elementary Russian II 5 credits, Grading Method: REG/P-FAUD			
USP Distributive Studies Area A Cultural and Historical Course. Prerequisite: RUSS 101. Not open to native speakers of Russian.			
0201	MTuWThF 9:30am-12:20pm	Bldg JMZ, Room 0204	Hitchcock, D
Continuation of RUSS 101. Elements of grammar, pronunciation, and conversation, exercises in translation.			

RUSS 281 Russian Language and Pre-Revolutionary Culture 3 credits, Grading Method: REG/P-FAUD			
CORE Distributive Studies Humanities Course: USP Distributive Studies Area A: Cultural and Historical Course. Not open to native speakers of Russian.			
0101	MTuTh 4:00pm-6:30pm	Bldg JMZ, Room 3205	Berry, T
Introduction to the Russian language and a study of Russian nationalism, artistic and social concepts in the development of Russian art, dance, geography, history and literature from the 18th to the 20th centuries. Lectures in English, with third hour devoted to basic language instruction (alphabet, vocabulary, pronunciation and minimal conversational skills).			

RUSS continued

RUSS 328	19th Century Russian Literature in Translation 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Literature Course		
0201	MTuWThF 9:30am-10:50am	Bldg JIMZ, Room 3207	Hitchcock, D
RUSS 798	Independent Study 1-3 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	Hitchcock, D
0201	Time Arranged	Room Arranged	STAFF
RUSS 799	Thesis Research: Master's Thesis Research 1-6 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

SLAV**SLAVIC
(ARTS AND HUMANITIES)**

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	Hitchcock, D

SOCY**SOCIOLOGY
(BEHAVIORAL AND SOCIAL SCIENCES)**

SOCY 100	Introduction to Sociology 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Behavioral and Social Science Course USP Distributive Studies Area D: Social and Behavioral Sciences Course		
0101	MTuWThF 9:30am-10:50am	Bldg ASY, Room 2309	Hunt, L
0201	MTuWThF 9:30am-10:50am	Bldg ARC, Room 1105	STAFF
	The fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and social change.		
SOCY 105	Introduction to Contemporary Social Problems 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Behavioral and Social Science Course USP Distributive Studies Area D: Social and Behavioral Sciences Course		
0201	MTuWThF 11:00am-12:20pm	Bldg ARC, Room 1105	Finsterbusch, K
	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.		
SOCY 201	Introductory Statistics for Sociology 4 credits. Grading Method: REG/P-F/AUD USP Distributive Studies Area B: Natural Sciences and Mathematics Course Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMOY 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREG 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400.		
0101	MTuWThF 12:00pm-5:00pm	Bldg ARC, Room 1103	Harper, G
	TuTh 8:00am-10:30am Bldg ASY, Room 3211 (LAB)		
	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.		
SOCY 227	Introduction to the Study of Deviance 3 credits. Grading Method: REG/P-F/AUD USP Distributive Studies Area D: Social and Behavioral Sciences Course Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327.		
0101	MTuWThF 2:00pm-3:20pm	Bldg ASY, Room 2309	STAFF
0201	MTuWThF 2:00pm-3:20pm	Bldg ASY, Room 2309	STAFF
	An introduction to the sociological study of deviant behavior, covering such topics as mental illness, sexual deviance, and the use of drugs.		
SOCY 243	Sociology of Marriage and Family 3 credits. Grading Method: REG/P-F/AUD Credit will be granted for only one of the following: SOCY 243 or SOCY 343. Formerly SOCY 343.		
0201	MTuWThF 12:30pm-1:50pm	Bldg ASY, Room 2309	Landry, L
	Demographic trends in family and marriage, childbearing, divorce, sociological theories of mate selection, marital interaction, and marital dissolution. Contemporary controversial issues, such as the relationship of unmarried couples, alternative marriage forms, abortion, and violence in the family.		
SOCY 325	The Sociology of Gender 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Cultural Diversity Course USP Advanced Studies Analysis of Human Problems Course Prerequisite: 3 credits of sociology		
0101	MTuWThF 11:00am-12:20pm	Bldg ARC, Room 1105	Hunt, J
0102	MTuWThF 9:30am-10:50am	Bldg ARC, Room 1103	Zaman-Moghaddam, L
0201	MTuWThF 9:30am-10:50am	Bldg ARC, Room 1103	McIntyre, J
0202	MTuWThF 9:30am-10:50am	Bldg ARC, Room 1101	STAFF
	Institutional bases of gender roles and gender identity, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.		
SOCY 386	Experiential Learning 3-6 credits. Grading Method: REG/P-F Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's membership sponsor. 56 semester hours.		
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.		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
SOCY 410	Social Demography 3 credits. Grading Method: REG/P-F/AUD USP Advanced Studies Analysis of Human Problems Course Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441.		
0201	MTuWThF 11:00am-12:30pm	Bldg ASY, Room 2309	Kammeyer, K
	Types of demographic analysis, demographic data, population characteristics, migration, mortality, fertility, population theories, world population growth, population policy.		
SOCY 441	Social Stratification and Inequality 3 credits. Grading Method: REG/P-F/AUD USP Advanced Studies Analysis of Human Problems Course Prerequisite: 6 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441.		
0101	MTuWThF 12:30pm-1:50pm	Bldg ASY, Room 2309	Peszo, J
	The sociological study of social class and poverty. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.		
SOCY 699	Special Social Problems 1-16 credits. Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
SOCY 799	Master's Thesis Research 1-6 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

SOCY continued

SOCY 899	Doctoral Dissertation Research 1-8 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

SPAN	SPANISH (ARTS AND HUMANITIES)		
SPAN 101	Elementary Spanish I 4 credits. Grading Method: REG/P-F/AUD USP Distributive Studies Area A: Cultural and Historical Course Prerequisite: No previous Spanish, high school level 1 Spanish with grade of A or B, high school level 2 Spanish with a grade of C or below. Not open to native/learned speakers of Spanish.		
0101	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 1215 Little, S		
0102	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 0208 Mercado, S		
0201	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 0208 Diaz-Caballero, J		
	Introduction to the functions and structures of the Spanish language, with emphasis on the four skills of listening, speaking, reading, and writing.		
SPAN 102	Elementary Spanish II 4 credits. Grading Method: REG/P-F/AUD USP Distributive Studies Area A: Cultural and Historical Course Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/learned speakers of Spanish.		
0101	MTuWTh 9:30am-11:45am Bldg KEY, Room 1105 Little, S		
0102	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 0103 Kurial, S		
0201	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 1224 Schroeder, R		
	Further study of the functions and structures of the Spanish language, with emphasis on the four skills of listening, speaking, reading, and writing.		
SPAN 201	Intermediate Spanish 4 credits. Grading Method: REG/P-F/AUD Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/learned speakers of Spanish. Formerly SPAN 203.		
0101	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 1117 Mora, P		
0102	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 1120 Prada, A		
0201	MTuWTh 9:30am-11:45am Bldg JIMZ, Room 1120 Traverso-Rueda, S		
	Continued development of the functions and structures of the Spanish language with emphasis on the four skills of listening, speaking, reading, and writing.		
SPAN 202	Intermediate Grammar and Composition 3 credits. Grading Method: REG/P-F/AUD Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite: SPAN 207 and/or SPAN 211. Not open to native/learned speakers of Spanish. Formerly SPAN 204.		
0101	MTuWTh 9:30am-11:15am Bldg JIMZ, Room 2207 Garcia-Lozada, A		
0201	MTuWTh 9:30am-11:15am Bldg JIMZ, Room 2207 Martins, L		
	An in-depth study, and analysis of selected grammatical topics with emphasis on composition, writing, and reading.		
SPAN 221	Introduction to Literature 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Literature Course USP Distributive Studies Area C: Literature and the Arts Course Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.		
0201	MW 9:30am-12:50pm Bldg JIMZ, Room 1211 Vilarrub, E		
	Selected readings in various genres in Spanish and Latin American literature. Discussion and written reports in Spanish. May be substituted for SPAN 207 with permission of department.		
SPAN 301	Advanced Grammar and Composition 3 credits. Grading Method: REG/P-F/AUD Prerequisite: SPAN 202. Recommended: SPAN 207.		
0101	MTuWTh 9:30am-11:15am Bldg JIMZ, Room 1224 Rebaza-Sorruza, L		
0201	MTuWTh 9:30am-11:15am Bldg JIMZ, Room 1171 Fuente-Gonzalez, A		
	Practice of complex grammatical structures through reading and writing of compositions and essays. Specific levels of syntactic, rhetorical, and stylistic devices will be highlighted.		
SPAN 311	Advanced Conversation I 3 credits. Grading Method: REG/P-F/AUD USP Distributive Studies Area A: Cultural and Historical Course Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/learned speakers of Spanish.		
0101	MTuWTh 9:30am-11:15am Bldg JIMZ, Room 1104 Kimovsky, C		
	Further development of listening and speaking skills in Spanish. Opportunity to develop oral fluency improve pronunciation and increase vocabulary. Individual and/or group oral presentations.		
SPAN 312	Advanced Conversation II 3 credits. Grading Method: REG/P-F/AUD USP Distributive Studies Area A: Cultural and Historical Course Prerequisites: SPAN 202 and SPAN 211 or SPAN 311 or permission of department. Not open to native/learned speakers of Spanish.		
0201	MTuWTh 9:30am-11:15am Bldg JIMZ, Room 1215 Lopez, M		
	Continued mastery of listening and speaking skills in Spanish. Opportunity to develop oral fluency, improve pronunciation, and increase vocabulary. Emphasis on colloquial and technical language as well as development of linguistic accuracy. Individual and/or group oral presentations.		
SPAN 321	Survey of Spanish Literature I 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Literature Course USP Distributive Studies Area C: Literature and the Arts Course Prerequisite: SPAN 207 or permission of department.		
0101	TuTh 9:30am-12:50pm Bldg JIMZ, Room 1226 Bento-Vessels, C		
	Overview of Spanish literature from 13th century through the 17th century.		
SPAN 323	Survey of Latin American Literature I 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Literature Course USP Distributive Studies Area C: Literature and the Arts Course Prerequisite: SPAN 207 or permission of department.		
0101	MW 9:30am-12:50pm Bldg JIMZ, Room 1103 Javier, S		
	Overview of the history of Latin American literature from the Pre-Columbian era through the 18th century.		
SPAN 324	Survey of Latin American Literature II 3 credits. Grading Method: REG/P-F/AUD CORE Distributive Studies Literature Course USP Distributive Studies Area C: Literature and the Arts Course Prerequisite: SPAN 207 or permission of department.		
0201	MW 9:30am-12:50pm Bldg JIMZ, Room 1226 Aguilar-Mera, J		
	Overview of the history of Latin American literature from the 19th century to the present.		
SPAN 399	Independent Study in Spanish 1-3 credits. Grading Method: REG/P-F/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
SPAN 408	Great Themes of the Hispanic Literatures: Love and Marginal Relationships in Cervantes and Lizardo 2 credits. Grading Method: REG/P-F/AUD		
0101	MW 9:30am-12:50pm Bldg JIMZ, Room 1122 Bento-Vessels, C		
SPAN 409	Great Themes of the Hispanic Literatures: Romanticismo del siglo 19 3 credits. Grading Method: REG/P-F/AUD		
0101	TuTh 9:30am-12:50pm Bldg JIMZ, Room 1122 Javier, S		
SPAN 448	Special Topics: Latin American Civilization 1492-1992: 500 Años del Buen Salvaje 3 credits. Grading Method: REG/P-F/AUD		
0201	TuTh 9:30am-12:50pm Bldg JIMZ, Room 1226 Aguilar-Mera, J		
SPAN 699	Independent Study in Spanish 1-3 credits. Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
SPAN 799	Master's Thesis Research 1-6 credits. Grading Method: REG		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

SPAN continued

SPAN 899	Doctoral Dissertation Research	1-8 credits; Grading Method: REG	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

SPCH

SPEECH
(ARTS AND HUMANITIES)

SPCH 107	Technical Speech Communication	3 credits; Grading Method: REG/P-FAUD	
	Credit will be granted for only one of the following: SPCH 100 or SPCH 107.		
0101	MTuWThF 9:30am-10:50am	Bldg TWS, Room 1204	Edgar, T
0102	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 2112	STAFF
0201	MTuWThF 8:00am-9:20am	Bldg TWS, Room 0338	STAFF
0202	MTuWThF 9:30am-10:50am	Bldg TWS, Room 0138	STAFF
0203	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 0135	STAFF
	A study of oral communication as a 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 125	Introduction to Interpersonal Communication	3 credits; Grading Method: REG/P-FAUD	
0101	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 1204	Edgar, T
	Concepts of interpersonal communication including perception, language and meaning, non-verbal communication, listening and feedback.		
SPCH 200	Advanced Public Speaking	3 credits; Grading Method: REG/P-FAUD	
	Prerequisite: SPCH 100 or SPCH 107 or permission of department		
0101	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 0135	STAFF
	Rhetorical principles and models of speech composition in conjunction with the preparation and presentation of specific forms of public speaking.		
SPCH 220	Small Group Discussion	3 credits; Grading Method: REG/P-FAUD	
0101	MTuWThF 12:30pm-1:50pm	Bldg TWS, Room 1202	STAFF
	Principles, methods and types of interaction occurring in small groups with an emphasis on group discussion and decision-making.		
SPCH 230	Argumentation and Debate	3 credits; Grading Method: REG/P-FAUD	
0201	MTuWThF 9:30am-10:50am	Bldg TWS, Room 0135	STAFF
	A study of the fundamental principles of reasoning, analysis, and evidence preparation of debate briefs and presentation of standard academic debate.		
SPCH 250	Introduction to Speech Communication Inquiry	3 credits; Grading Method: REG/P-FAUD	
0201	MTuWThF 12:30pm-1:50pm	Bldg ARC, Room 1103	Gaines, R
	An introduction to the field of speech communication. Definitions, models, and contexts of communication; rhetorical theory and rhetorical criticism of discourse.		
SPCH 324	Communication and Gender	3 credits; Grading Method: REG/P-FAUD	
	USP Advanced Studies Development of Knowledge Course.		
0101	MTuWThF 11:00am-12:20pm	Bldg ASY, Room 2309	Solomon, M
	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 transactions.		
SPCH 330	Argumentation in Society	3 credits; Grading Method: REG/P-FAUD	
0201	MTuWThF 2:00pm-3:20pm	Bldg ARC, Room 1103	Gaines, R
	Contemporary theories of argument with special emphasis on the role of argument in dispute resolution and social influence.		
SPCH 360	The Rhetoric of Black America	3 credits; Grading Method: REG/P-FAUD	
0101	MTuWThF 12:30pm-1:50pm	Bldg ARC, Room 1101	Shaw, L
	An historical-critical survey of the rhetoric of Black Americans from the colonial period to the present.		
SPCH 400	Research Methods in Speech Communication	3 credits; Grading Method: REG/P-FAUD	
	Prerequisites: SPCH 250 and an introductory course in statistics. To be taken during junior year.		
0101	MTuWThF 11:00am-12:50pm	Bldg TWS, Room 0147	Freimuth, V
	Philosophy of scientific method, role of theory, research ethics; empirical research methods (measurement, sampling, design, analysis).		
SPCH 401	Foundations of Rhetoric	3 credits; Grading Method: REG/P-FAUD	
	Prerequisite: SPCH 250		
0101	MTuWThF 9:30am-10:50am	Bldg TWS, Room 0147	Solomon, M
	Principles and approaches to the theory, criticism, and historical understanding of rhetorical discourse.		
SPCH 402	Communication Theory and Process	3 credits; Grading Method: REG/P-FAUD	
	Recommended: SPCH 250		
0101	TuTh 2:30pm-3:45pm	Bldg ASY, Room 3211	Finck, E
	Philosophical and conceptual analysis of speech communication theories.		
SPCH 470	Theories of Listening	3 credits; Grading Method: REG/P-FAUD	
0201	MTuWThF 12:30pm-1:50pm	Bldg TWS, Room 0135	McCaleb, J
	Listening process with emphasis on functional analysis of listening behavior		
SPCH 471	Public Communication Campaigns	3 credits; Grading Method: REG/P-FAUD	
	Prerequisite: SPCH 200 or permission of department.		
0101	MTuWThF 9:30am-10:50am	Bldg TWS, Room 0131	Freimuth, V
	Difussion theory and research implications for public communication campaigns.		
SPCH 482	Intercultural Communication	3 credits; Grading Method: REG/P-FAUD	
	CORE Distributive Studies Cultural Diversity Course. Prerequisite: SPCH 400 or permission of department.		
0101	MTuWThF 2:00pm-3:20pm	Bldg TWS, Room 2154	Shaw, L
	The major variables in communication in an intercultural context: cultural, racial and national differences, stereotypes, values, cultural assumptions, and verbal and nonverbal channels.		
SPCH 489	Topical Research	1-3 credits; Grading Method: REG	
	Permission of department required		
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	
0101	TuTh 7:00am-8:15pm	Bldg TWS, Room 1202	Finck, E
	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 798	Independent Study	1-3 credits; Grading Method: REG/AUD	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
SPCH 799	Master's Thesis Research	1-6 credits; Grading Method: REG	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

STAT

STATISTICS AND PROBABILITY
(COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES)

STAT 400	Applied Probability and Statistics	1-3 credits; Grading Method: REG/P-FAUD	
	Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPEL, or		
0101	MTuWThF 8:00am-9:20am	Bldg MTH, Room 0307	STAFF
0102	MTuWThF 9:30am-10:50am	Bldg MTH, Room 0306	STAFF
0203	MTuWThF 11:00am-12:20pm	Bldg MTH, Room 0106	STAFF
	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	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
STAT 899	Doctoral Dissertation Research	1-8 credits; Grading Method: REG	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

TEXT

TEXTILES
(HUMAN ECOLOGY)

TEXT 205	Textile Materials and Performance	3 credits; Grading Method: REG/P-FAUD	
	Prerequisite: TEXT 105. Recommended: prior or concurrent registration in CHEM 103. Credit will be granted for only one of the following: TEXT 150 or TEXT 205.		
0101	TuWThF 9:30am-10:50am	Bldg MMH, Room 2401	STAFF
	TuTh 11:00am-12:50pm	Bldg MMH, Room 2401 (LAB)	
	Analysis of the structural components of consumer textile materials with emphasis on yarns, fibers, dyes and related materials. Emphasis on performance in consumer use.		
TEXT 305	Textile Materials: Evaluation and Characterization	3 credits; Grading Method: REG/P-FAUD	
	Prerequisite: TEXT 205		
0201	MTuWThF 9:30am-10:50am	Bldg MMH, Room 2201	STAFF
	TuTh 11:00am-12:50pm	Bldg MMH, Room 2201 (LAB)	
	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-FAUD	
	USP Distributive Studies Area A: Cultural and Historical Course.		
0201	MW 6:30pm-9:50pm	Bldg MMH, Room 0108	STAFF
	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 375	Economics of the Textile and Apparel Industry	3 credits; Grading Method: REG/P-FAUD	
	Prerequisites: ECON 201, and ECON 203.		
0101	MTuWThF 8:00am-9:20am	Bldg MMH, Room 0108	STAFF
	Trends in the production and consumption of textiles and apparel; economic analysis of the textile and apparel industries; factors affecting changes in output, price, location and market structure.		
TEXT 388	Field Work and Analysis in Textiles	3-6 credits; Grading Method: S-F	
	Permission of department required. For textiles and consumer economics majors only.		
0201	Time Arranged	Room Arranged	Fell, K
0201	Time Arranged	Room Arranged	Fell, K
TEXT 498	Special Studies	2-4 credits; Grading Method: REG/P-FAUD	
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

THET

THEATRE
(ARTS AND HUMANITIES)

THET 110	Introduction to the Theatre	3 credits; Grading Method: REG/P-FAUD	
	CORE Distributive Studies Arts Course. USP Distributive Studies Area C: Literature and the Arts Course.		
0101	MTuWThF 9:30am-10:50am	Bldg TWS, Room 0241	Donnelly, D
0102	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 0241	Patrick, M
0201	MTuWThF 1:00pm-2:20pm	Bldg TWS, Room 0241	Fell, K
0202	MTuWThF 9:30am-10:50am	Bldg TWS, Room 0241	Oleary, 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 theatre history.		
THET 120	Acting I	3 credits; Grading Method: REG/P-FAUD	
	Permission of department required. Prerequisites: THET 110 and THET 111 and permission of department. Corequisite: THET 111.		
0101	MTuWThF 9:30am-10:50am	Bldg TWS, Room 1228	Patrick, M
0201	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 1228	Oleary, R
	Basic principles of acting techniques. Exercises, simulated. Emphasis on the student's concentration, imagination, sense and emotional memory. Textual analysis, character analysis and scene study; and the application of these techniques to character portrayal through performance of short scenes.		
THET 386	Experiential Learning	3-6 credits; Grading Method: REG/P-FAUD	
	Permission of department required. Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
THET 479	Theater Workshop	1-3 credits; Grading Method: REG/P-FAUD	
	Permission of department required		
0101	Time Arranged	Room Arranged	Knebs, D
THET 495	History of Theatrical Theory and Criticism	3 credits; Grading Method: REG/P-FAUD	
	CORE Advanced Studies Development of Knowledge Course. USP Advanced Studies Development of Knowledge Course.		
0101	MTuWThF 11:00am-12:20pm	Bldg TWS, Room 0131	Schuler, C
	The development of theatrical theory and criticism from the Greeks to the modern theorists. The philosophical basis of theatre as an art form. Important theories and the practical application of their theories in either plays or theatrical productions. Required attendance at selected live theatre productions.		
THET 499	Independent Study	3 credits; Grading Method: REG	
	Permission of department required		
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
THET 669A	Independent Study: Fine Arts Institute	3 credits; Grading Method: REG/AUD	
	Permission of department required.		
0201	Time Arranged	Room Arranged	STAFF
	Meets JUL 12 to JUL 31		
THET 669F	Independent Study	1-3 credits; Grading Method: REG/AUD	
0101	Time Arranged	Room Arranged	STAFF

THET continued

THET 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

TXCE TEXTILES AND CONSUMER ECONOMICS (HUMAN ECOLOGY)

TXCE 608 Special Problems 1-3 credits. Grading Method REG/AUD			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
TXCE 789 Non-Thesis Research 1-3 credits. Grading Method REG/AUD			
0101	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 12 credits. Grading Method S-F Permission of department required			
0101	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0101	MTuWThF 10:00m-3:00pm	Room Arranged	STAFF
0101	MTuWThF 9:00am-12:00pm	Room Arranged	STAFF
0102	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0102	Time Arranged	Room Arranged	STAFF
Intensive course for the non-native speaker of English who has little or no 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 required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.			
UMEI 002 English as a Foreign Language: Intermediate I 12 credits. Grading Method S-F Permission of department required			
0101	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0101	MTuWThF 1:00pm-3:00pm	Room Arranged	STAFF
0101	MTuWThF 9:00am-12:00pm	Room Arranged	STAFF
0102	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0102	Time Arranged	Room 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 in reading and writing appropriate to the level. Special fee required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.			
UMEI 003 English as a Foreign Language: Intermediate II 12 credits. Grading Method S-F Permission of department required			
0101	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0101	MTuWThF 1:00pm-3:00pm	Room Arranged	STAFF
0101	MTuWThF 9:00am-12:00pm	Room Arranged	STAFF
0102	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0102	Time Arranged	Room 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 required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.			
UMEI 004 English as a Foreign Language: Intermediate III 12 credits. Grading Method S-F Permission of department required			
0101	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0101	Time Arranged	Room Arranged	STAFF
0102	Meets JUN 15 to AUG 7	Room Arranged	STAFF
0102	Time Arranged	Room 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 required for this course. This course does not carry credit towards any degree at the University and does not count in the retention plan.			

URSP DEPARTMENT OF URBAN STUDIES AND PLANNING (BEHAVIORAL AND SOCIAL SCIENCES)

URSP 320 The Social and Technological City 3 credits. Grading Method REG/P-AUD Prerequisite: URSP 240. Credit will be granted for only one of the following: URSP 320, URBS 220, or URBS 320. Formerly URBS 320. Cohen, J.			
0101	MTuWThF 11:00am-12:20pm	Bldg LEF, Room 1208	Cohen, J.
The impact of environment and technology on urban living. The metropolis as a physical structure, including its housing, land use and geography, engineering, transportation and utilities. Public policy issues of technology in the urban areas.			
URSP 401 Seminar in Urban Problems and Policy 3 credits. Grading Method REG/P-AUD Prerequisite: URSP 320. Senior standing. For URSP majors only. Formerly URBS 401.			
0101	MTuWThF 9:30am-10:50am	Bldg LEF, Room 1210	Cohen, J.
In-depth reading course on topics selected by instructor. Emphasis on depth rather than breadth of knowledge. Introduction to the nature of the research process.			
URSP 402 Senior Capstone: Urban Theory and Practice 2 credits. Grading Method REG/P-AUD Prerequisite: URSP 401. Senior standing. For URSP majors only. Formerly URBS 402.			
0201	MTuWThF 9:30am-10:50am	Bldg LEF, Room 1210	McLean, B
Research capstone. Students apply disciplinary background to an urban problem or policy topic selected by the instructor. Emphasis on synthesis of the educational experience and application of knowledge in a real world situation.			
URSP 438 Urban Honors Internship 1-6 credits. Grading Method REG/P-AUD Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

URSP continued

URSP 488 Selected Topics in Urban Studies and Planning: Geographic Information Systems 3 credits. Grading Method REG/P-F/AUD Prerequisite: GEOG 373 or permission of department. TuTh 4:00pm-7:20pm. Bldg LEF, Room 1221. Thompson, D.			
0101	Time Arranged	Room Arranged	STAFF
URSP 632 The Urban Neighborhood 3 credits. Grading Method REG/AUD Formerly URBS 632. TuTh 3:00pm-4:20pm. Bldg LEF, Room 1220. Brower, S.			
0101	Time Arranged	Room Arranged	STAFF
Urban neighborhoods as physical, socio-political and geographic entities. Residents' perceptions, urban/suburban differences, neighboring behavior, organization, planning, design concepts.			
URSP 681 Urban Planning Law 3 credits. Grading Method REG/AUD Credit will be granted for only one of the following: URSP 681, URBS 450, or URBS 681. Formerly URBS 681. MW 6:30pm-9:50pm. Bldg LEF, Room 1208. Karina, S.			
0201	Time Arranged	Room Arranged	STAFF
Survey of the urban legal environment. Issues of planning, zoning, eminent domain, land use controls, housing codes, historic preservation and related provisions.			
URSP 788 Independent Study in Urban Studies and Planning 1-3 credits. Grading Method REG/AUD Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
URSP 798 Readings in Urban Studies and Planning 1-3 credits. Grading Method REG/AUD Permission of department required.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
URSP 799 Master's Thesis Research 1-6 credits. Grading Method REG/S-F 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-AUD CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D. Social and Behavioral Sciences Course. MW 9:30am-12:00pm. Bldg HBK, Room 0125. STAFF.			
0201	Time Arranged	Room Arranged	STAFF
An interdisciplinary study of the status, roles, and experiences of women in society. Sources from a variety of fields such as literature, psychology, history, and anthropology. Emphasis on the writings of women.			
WMST 250 Introduction to Women's Studies: Women, Art and Culture 3 credits. Grading Method REG/P-AUD CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C: Literature and the Arts Course. MW 9:30am-12:00pm. Bldg HBK, Room 0125. STAFF.			
0101	Time Arranged	Room Arranged	STAFF
An examination of women's creative processes expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.			
WMST 400 Theories of Feminism 3 credits. Grading Method REG/P-AUD USP Advanced Studies Development of Knowledge Course. Prerequisite: WMST 200 or WMST 250.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
A study of the multiplicity of feminist theories that have been developed to explain women's position in the family, the workplace, and society. Major feminist writings are considered in the context of their historical moment and in the context of the intellectual traditions to which they relate.			
WMST 499 Independent Study: Individual Study in Women's Studies 1-3 credits. Grading Method REG/P-AUD Permission of department required. Individual instruction course. Prerequisite: 3 hours of WMST and junior standing.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF
WMST 699 Independent Study 1-3 credits. Grading Method REG/AUD By permission of instructor only.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ZOOL ZOOLOGY (LIFE SCIENCES)

ZOOL 201 Human Anatomy and Physiology I 4 credits. Grading Method: REG/P-AUD CORE Distributive Studies Life Science Laboratory Course. Prerequisite: BIOL 105 or equivalent.			
0101	MTuWThF 11:00am-12:20pm	Bldg ZOP, Room 1243	Kapp, J
0101	TuWTh 8:00am-11:00am	Bldg ZOP, Room 0207	Kapp, J
0103	MTuWTh 11:00am-12:20pm	Bldg ZOP, Room 1243	Kapp, J
0103	TuWTh 1:00pm-4:00pm	Bldg ZOP, Room 0205 (LAB)	Kapp, J
Anatomy and physiology of the skeletal, muscular, neural, endocrine, and sensory systems. Not accepted as credit toward the zoology major.			
ZOOL 202 Human Anatomy and Physiology II 4 credits. Grading Method: REG/P-AUD CORE Distributive Studies Life Science Laboratory Course. Prerequisite: ZOOL 201 or permission of department.			
0201	MTuWThF 11:00am-12:20pm	Bldg ZOP, Room 1243	Ades, I
0201	TuWTh 8:00am-11:00am	Bldg ZOP, Room 0205 (LAB)	Ades, I
0202	MTuWThF 11:00am-12:20pm	Bldg ZOP, Room 1243	Ades, I
0202	TuWTh 1:00pm-4:00pm	Bldg ZOP, Room 0205 (LAB)	Ades, I
Anatomy and physiology of the cardiovascular, respiratory, immune, digestive, urinary and reproductive systems. Not accepted as credit toward the zoology major.			
ZOOL 210 Animal Diversity 4 credits. Grading Method: REG/P-AUD CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B: Natural Sciences and Mathematics Course. Prerequisite: BIOL 106.			
0101	MTuWTh 8:00am-9:20am	Bldg ZOP, Room 1236	Linder, H
0101	TuWTh 9:30am-12:30pm	Bldg ZOP, Room 0257 (LAB)	Linder, H
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.			
ZOOL 309H Honors Independent Study 1-4 credits. Grading Method: REG/P-AUD Permission of department required. Contact department to make arrangements.			
0101	Time Arranged	Room Arranged	STAFF
0201	Time Arranged	Room Arranged	STAFF

ZOOL continued

ZOOL 318H Honors Research 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 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: Habitat Selection in Marine Invertebrates			
3 credits, Grading Method: REG/P-F/AUD			
0201	MTuWThF 9:00am-10:20am	Bldg ZOP, Room 1238	Levantine, P
Prerequisites: BIOL 105 and BIOL 116			
ZOOL 328M Selected Topics in Zoology: Biology of Marine Mammals			
3 credits; Grading Method: REG/P-F/AUD			
0101	MTuWThF 10:00am-11:20am	Bldg ZOP, Room 1228	Edds, P
Prerequisite: BIOL 106			
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 381 Natural History of the Chesapeake Bay 3 credits, Grading Method: REG/P-F/AUD			
CORE Advanced Studies Social and Ethical Problems Course USP Advanced Studies			
Analysis of Human Problems Course Prerequisite: a course in biological sciences or permission of department.			
0201	MTuWThF 11:00am-12:20pm	Bldg ZOP, Room 1250	Small, E
Consideration of the major groups of organisms associated with the Chesapeake Bay and current issues that determine human's present and future uses for the Chesapeake and its biota. Not accepted as credit for the zoology major.			

ZOOL 430 Developmental Biology 3 credits; Grading Method: REG/P-F/AUD			
Prerequisite: ZOOL 211 or ZOOL 213			
0101	MTuWThF 11:00am-12:20pm	Bldg ZOP, Room 1232	Goode, M
Structural, functional and regulatory events and mechanisms that operate during development to produce an integrated, multicellular organism composed of a multitude of differentiated cell types.			
ZOOL 608 Zoology Seminar 1-2 credits, Grading Method: REG/AUD			
0201	Time Arranged	Room Arranged	STAFF
ZOOL 609 Special Problems in Zoology 1-6 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
ZOOL 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
ZOOL 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

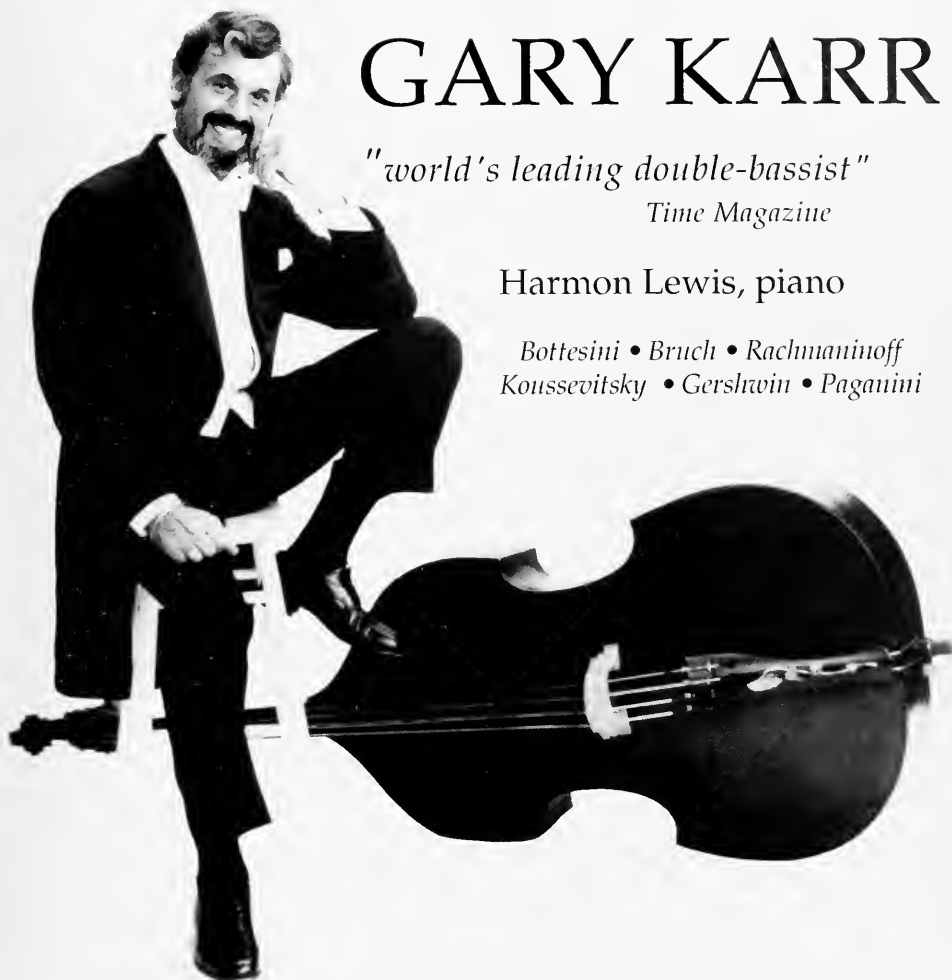
GARY KARR

"world's leading double-bassist"

Time Magazine

Harmon Lewis, piano

*Bottesini • Bruch • Rachmaninoff
Koussevitsky • Gershwin • Paganini*



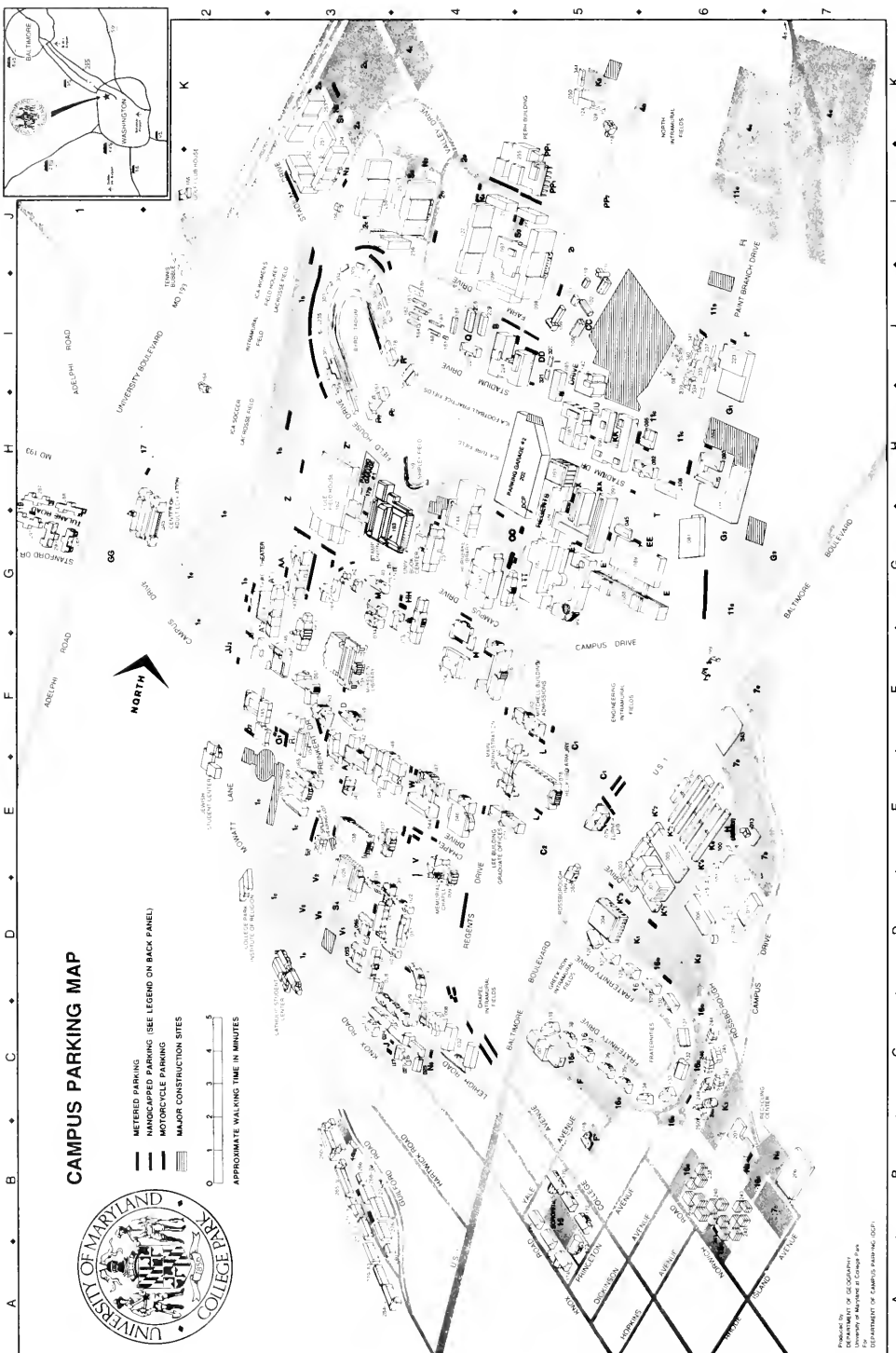
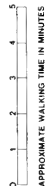
THE KARR-LEWIS DUO • Tuesday, June 9 at 8:15 p.m.
Center of Adult Education
University of Maryland, College Park

Complimentary tickets available - see pages 26-27

CAMPUS PARKING MAP



- METERED PARKING
- HANDICAPPED PARKING (SEE LEGEND ON BACK PANEL)
- MOTORCYCLE PARKING
- MAJOR CONSTRUCTION SITES



Produced by
 Department of Transportation
 University of Maryland at College Park
 DEPARTMENT OF CAMPUS PLANNING, G-27

BUILDING DIRECTORY

- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| 102 Agriculture Bldg. 1-3 | 185 Administration Bldg. 1-1 | 269 Ecology Bldg. 1-2 | 352 Geology Bldg. 1-3 | 435 Physics Bldg. 1-3 | 518 Student Union 1-3 | 595 Veterinary Bldg. 1-3 | 678 Student Union 1-3 | 761 Student Union 1-3 | 844 Student Union 1-3 | 927 Student Union 1-3 | 1010 Student Union 1-3 | 1093 Student Union 1-3 | 1176 Student Union 1-3 | 1259 Student Union 1-3 | 1342 Student Union 1-3 | 1425 Student Union 1-3 | 1508 Student Union 1-3 | 1591 Student Union 1-3 | 1674 Student Union 1-3 | 1757 Student Union 1-3 | 1840 Student Union 1-3 | 1923 Student Union 1-3 | 2006 Student Union 1-3 | 2089 Student Union 1-3 | 2172 Student Union 1-3 | 2255 Student Union 1-3 | 2338 Student Union 1-3 | 2421 Student Union 1-3 | 2504 Student Union 1-3 | 2587 Student Union 1-3 | 2670 Student Union 1-3 | 2753 Student Union 1-3 | 2836 Student Union 1-3 | 2919 Student Union 1-3 | 3002 Student Union 1-3 | 3085 Student Union 1-3 | 3168 Student Union 1-3 | 3251 Student Union 1-3 | 3334 Student Union 1-3 | 3417 Student Union 1-3 | 3500 Student Union 1-3 | 3583 Student Union 1-3 | 3666 Student Union 1-3 | 3749 Student Union 1-3 | 3832 Student Union 1-3 | 3915 Student Union 1-3 | 4000 Student Union 1-3 | 4083 Student Union 1-3 | 4166 Student Union 1-3 | 4249 Student Union 1-3 | 4332 Student Union 1-3 | 4415 Student Union 1-3 | 4498 Student Union 1-3 | 4581 Student Union 1-3 | 4664 Student Union 1-3 | 4747 Student Union 1-3 | 4830 Student Union 1-3 | 4913 Student Union 1-3 | 5000 Student Union 1-3 | 5083 Student Union 1-3 | 5166 Student Union 1-3 | 5249 Student Union 1-3 | 5332 Student Union 1-3 | 5415 Student Union 1-3 | 5498 Student Union 1-3 | 5581 Student Union 1-3 | 5664 Student Union 1-3 | 5747 Student Union 1-3 | 5830 Student Union 1-3 | 5913 Student Union 1-3 | 6000 Student Union 1-3 | 6083 Student Union 1-3 | 6166 Student Union 1-3 | 6249 Student Union 1-3 | 6332 Student Union 1-3 | 6415 Student Union 1-3 | 6498 Student Union 1-3 | 6581 Student Union 1-3 | 6664 Student Union 1-3 | 6747 Student Union 1-3 | 6830 Student Union 1-3 | 6913 Student Union 1-3 | 7000 Student Union 1-3 | 7083 Student Union 1-3 | 7166 Student Union 1-3 | 7249 Student Union 1-3 | 7332 Student Union 1-3 | 7415 Student Union 1-3 | 7498 Student Union 1-3 | 7581 Student Union 1-3 | 7664 Student Union 1-3 | 7747 Student Union 1-3 | 7830 Student Union 1-3 | 7913 Student Union 1-3 | 8000 Student Union 1-3 | 8083 Student Union 1-3 | 8166 Student Union 1-3 | 8249 Student Union 1-3 | 8332 Student Union 1-3 | 8415 Student Union 1-3 | 8498 Student Union 1-3 | 8581 Student Union 1-3 | 8664 Student Union 1-3 | 8747 Student Union 1-3 | 8830 Student Union 1-3 | 8913 Student Union 1-3 | 9000 Student Union 1-3 | 9083 Student Union 1-3 | 9166 Student Union 1-3 | 9249 Student Union 1-3 | 9332 Student Union 1-3 | 9415 Student Union 1-3 | 9498 Student Union 1-3 | 9581 Student Union 1-3 | 9664 Student Union 1-3 | 9747 Student Union 1-3 | 9830 Student Union 1-3 | 9913 Student Union 1-3 | 10000 Student Union 1-3 |
|---------------------------|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|



Summer Programs
 UNIVERSITY OF MD.
 College Park, MD 20742

NON-PROFIT ORG.
 U.S. POSTAGE
 PAID
 COLLEGE PARK, MD
 PERMIT NO.10