

SUMMER PROGRAMS '87

THE UNIVERSITY OF MARYLAND COLLEGE PARK

COLLEGE PARK CAMPUS ADMINISTRATION

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John B. Slaughter

B.S., Kansas State University, 1956, Electrical Engineering; M.S., University of California, Los Angeles, 1961; Ph.D. University of California, San Diego, 1971.

Vice Chancellor for Academic Affairs and Provost

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Vice Chancellor for Student Affairs

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

Vice Chancellor for Institutional Advancement

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

SUMMER PROGRAMS ADMINISTRATION

Administrative Dean for Summer Programs

Melvin Bernstein

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

Director of Cultural Programs

George A. Moquin B.A., University of Maryland, 1971.

Director for Public Relations

Neale Perl

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

Director of Finance David N. Catania

B.S., University of Maryland, 1978.

Director of Intramural Sports and Recreation Nick Kovalakides

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

CENTRAL ADMINISTRATION OF THE UNIVERSITY

President John S. Toll

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

Ph.D., Princeton University, 1952

UNIVERSITY POLICY STATEMENTS

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

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

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

Vice President for Academic Affairs Rita R. Colwell

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

Vice President for Agricultural Affairs and Dean Raymond J. Miller

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

Vice President for General Administration Donald L. Myers

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

Vice President for Graduate Studies and Research

David S. Sparks B.A., Grinnell College, 1944 M.A., Univ. of Chicago, 1945

Ph.D., Univ. of Chicago, 1951

Vice President for Policy & Planning Leroy Keith, Jr. B.S., Morehouse College, 1961

M.S., Indiana University, 1968 Ed.D., Indiana University, 1970

Vice President for University Relations Robert G. Smith

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

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

Campus Coordinator for \$504 of the Rehabilitation Act of 1973 Room 2101, Main Administration Building University of Maryland, College Park College Park, Maryland 20742

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	Motor Vehicle Registration 19	Consumer Economics	Textiles
	Health Center	Co-operative Education Program	Textiles and C
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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 1 June 1 - July 10 SESSION II July 13 - August 21

Summer Sessions 1987

The University of Maryland at College Park offers a richly varied summer educational program to its continuing degree students and to qualified non-degree students for both graduate and undergraduate study. Students may select from over 1.000 courses representing 75 academic disciplines and a number of workshops and institutes designed to meet specific needs within disciplines. The summer sessions offer opportunities for degree students to accelerate completion of degrees, to make up deficiencies and requirements, and to broaden programs with studies which otherwise could not be fitted into their academic schedules.

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

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

CAMPUS HOLIDAYS

Offices will be closed and there will be no classes.

Monday May 25 Friday July 3

ON-CAMPUS HOUSING SCHEDULE

March 16	Monday	Summer 1987 Residence Halls Agreement available at Department of Resident Life, 3117 North Administration (also at center of this catalog). Submission of housing Agreement by lottery deadline of May 1 is advised for higher priority for your assignment preferences.
May 11	Monday	Deadline for release from Summer 1987 Residence Halls Agreement for Session 1 without financial obligation: written cancellation must be received by Resident Life, 3117 North Administration Building.
May 31	Sunday	Residence halls open 12 noon for Session I only residents and for Session I and II residents to claim room assignments.
June 1	Monday	Room assignments in residence halls not claimed by 12 noon are forfeited. "No-show" cancellation charge equal to three weeks' housing cost (\$184.31) is assessed.

Monday Deadline for release from Summer 1987 Residence Hall Agreement for Session II without financial obligation: written cancellation must be received by Resident Life, 3117 North Administration Building.

July 10 Friday Residents not remaining in residence halls for Summer Session II must vacate by 7pm.

July 12 Sunday Residence halls open 12 noon for Summer Session II only new students.

July 13 Monday Room assignments in residence halls not claimed by 12 noon forfeited. "No-show" cancellation charge equal to three weeks' housing cost (\$184.31) is assessed.

August 21 Friday Residence halls close 7pm. All residents must vacate their summer assignments. No on-campus housing available after 7pm., except as Fall Semester campus residents who have secured "interim" housing privileges.



June 22



TUITION AND FEES

ALL STUDENTS	
Registration Fee per Session	5 00
Recreation Fee per Session	6.00
Student Health Fee per Session	5.00
Auxiliary Facilities Fee Per Session	6.00
Summer Vehicle Registration Fee, per vehicle	
(not charged if vehicle was registered for	
Fall or Spring Semester) Resident Student	. 7.00
Commuter Student	. 5.00
Each additional vehicle	-10.00
UNDERGRADUATE STUDENTS	
Tuition per Credit Hour	84.00
Non-resident Fee per Session (must be paid by all	
students who are not residents of Maryland)	20.00
Application Fee (New Students)	20.00
GRADUATE STUDENTS	
Application Fee (Every student must be admitted)	20.00
Tuition per Credit Hour:	
Resident Student	99.00
Non-resident Student	176.00
Continuous Registration Fee	
(Doctoral Candidate) , ,	10.00
ON-CAMPUS HOUSING	
Per Six-Week Session	368.64
OTHER FEES	
Graduation Application Fee for Bachelor's Degree	15.00
Graduation Application Fee for Master's Degree	25.00
Graduation Application Fee for Doctor's Degree	50.00
Late Registration Fee	20.00
Service Charge for Dishonored Check	
(depending on amount of check) up to	20.00

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



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 !	1. 1987										June 5,	1987
Summer Session 1	11, 1987										July 17,	1987
For further inform	nation:											

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

Payment of Fees

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

Totion and fees for summer school courses are due and payable in full at the time of registration. Studens who fail to settle their account by 3.00 pm, of the working day after they register will have their registration canciled. The University sends bill be students for other financial obligations, i.e., parking tickets, library fines, etc., on a regular hasis A copy of the hill may be obtained by coming to Room 1103. South Administration Building, Monday through Friday, from 8.30 a.m. to 4.15 p.m.

All checks or mone, orders should be made payable to the University of Maryland for for eases 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 sensester.

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

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

In accordance with State law, the accounts of definition and severed students are referred to the State Central Collections. Unit in Baltimore for collection and legal follow-up. Costs incurred in collecting definitions are charged to the student collection costs are normally 1945 plus any attorney and/or court fees. Changes in Maryland law allow the central collection unit to block insulance of Maryland state income attractions 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 conterred, no grade issued, nor any diploma, certificate, or transcript of record issued to a student who has not made satisfactory settlement of his or her account



DIRECTORY OF INFORMATION SERVICES

General Information	454-3311
Summer Programs Office	454-3347
Admissions	
Office of Undergraduate Admissions	
North Administration Building	454-5550
Graduate Admissions	
South Administration Building	
Graduate Records	454-5428
Housing	
Off-Campus	454-3645
On-Campus	
Registration	
North Administration Bldg	454-5559
Undergraduate Studies	454-2530
College of Agriculture	454-6332
College of Arts and Humanities	454-6790
College of Behavioral and Social Sciences	454-5272
College of Business and Management	454-4314
College of Computer, Mathematical	
and Physical Sciences	454-4906
College of Education	454-2011
College of Engineering	454-2421
College of Human Ecology	454-2136
College of Journalism	454-2228
College of Library and Information Services	454-5441
College of Life Sciences	454-6332
College of Physical Education,	
Recreation and Health	454-5616
Computer Science Center	454 4255
Institute of Criminal Justice and Criminology	454-4538
Institute of Urban JSudies ,	454-5718
School of Architecture	
University College	
Chiversity Conege	705-7000

SUMMER SESSIONS IMPORTANT DATES

SUMMER SESSION I

SUMMER SESSION II

March 30 - May 15	Mail-in Registration; Requests processed daily	March 30 - July 1	Mail-in Registration; Requests processed daily
March 30 - May 29	Walk-in Registration —9-11:45 am; 1-3 pm. Room 1130 North Administration Building	March 30 - July 10	Walk-in Registration →9–11:45 am; 1–3pm. Room 1130 North Administration Building
June 1	Classes begin.	July 13	Classes begin.
June 1 - June 5	Late Registration (with a \$20.00 Late Fee). Room 1130 North Administration Building	July 13 - July 17	Late Registration (with a \$20.00 Late Fee) Room 1130 North Administration Building

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

SUMMARY OF DEADLINES FOR SUMMER 1986

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

NOTE:

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

SUMMER 1987 REGISTRATION PROCEDURES

Note: LOCATION FOR REGISTRATION

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

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

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

Students registered at the College Park Campus for the Spring 1987 Semester should follow the registration procedures outlined below Former students who were not registered for the Spring 1987 Semester must follow the readmission/reinstatement information on page 8 of

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

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

Payments must accompany all mail-in registrations.

A. WALK-IN REGISTRATION

WHO?

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

WHEN?

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

WHERE?

Registrations Office Room 1130 North Administration Building

Summer Session II

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

HOW?

- Go to Room 1130, North Administration Building, where you will receive confirmation of course availability. If admission or readmission action is necessary, you will be referred to the proper office.
- 2. BY 3 PM OF THE NEXT WORKING DAY pay your bill at:
 - The Bursar's Office, Room 1103, South Administration Building, between 9 a.m. and 3 p.m.

Obtain a copy of your current Student Account Receivable (SAR Account) and pay this amount plus your summer school bill at the Cashier's Office.

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

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

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

B. MAIL-IN REGISTRATION

WHO?

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

WHEN?

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

WHERE?

All materials should be returned to:

Office of the Bursar, South Administration Building

University of Maryland

College Park, Maryland 20742

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

HOW?

- 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)
 - Admission Application, if necessary
 - c. Check made payable to the UNIVERSITY OF MARYLAND. Write your SOCIAL SECURITY NUMBER on the check.
- Confirmation of your requested schedule and a Summer ID card will be sent to you by mail. If confirmation is not received within 2
 weeks, please call the Office of Registrations, 454–5225, for immediate assistance.
- The Office of the Bursar will notify you of any incorrect payments or adjustments to your account, such as additional charges, refunds, and credits.
- 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 1—A late fee of \$20.00 is assessed for registration on or after the first day of instruction, June 1. Special permission of the dean must be obtained prior to registration after June 5.

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

PROCEDURES:

- Go to Room 1130, North Administration Building, where you
 will receive confirmation of course availability. If admission
 or readmission action is necessary, you will be referred to the
 proper office.
- 2. BY 3 P.M. OF THE NEXT WORKING DAY pay your bill at:

The Bursar's Office, Room 1103, South Administration Building, between 9 a.m. and 3 p.m. Obtain a copy of your current Student Account Receivable (SAR Account) and pay this amount plus your summer school bill at the Cashier's Office.

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

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

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

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

NONSTANDARD DATE COURSE REGISTRATION

Courses which vary in beginning dates from the starting dates for each Summer Session will be available for registration at the normal registration period for each session. Additionally, registration will be available on the first day of each class or an alternate day if requested by the department or instructor. Courses which vary in length from the regular Summer Session will have late registration, schedule adjustment, and other dates adjusted proportionally to the length of the course. In these instances students are urged to contact the department or instructor for information. Grades for nonstandard date courses ending after the regular session in which they begin will be posted after the regular session grade reports are mailed. Students desiring official notification of grades in these courses should request an unofficial transcript approximately (we C2) weeks after the course ends. Instructors of these courses will receive information on various deadlines. Please check with the department in late spring 1987 concerning specific questions.

CANCELLATION OF SUMMER SCHOOL REGISTRATION

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

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

WITHDRAWAL FROM SUMMER SCHOOL

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

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

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

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

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

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

REQUESTING REFUND OF TUITION

To obtain a refund of a credit balance, a STUDENT must request the refund in writing. This can be done by (1) addressing a letter to Office of the Bursar, University of Maryland, College Park, MD 20742, or (2) completing a request for refund form available at the Student counter, 1103 South Administration Building or the Records or Current Registrations Office, first floor, North Administration Building. NO CREDIT BALANCE 1S 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 ANYTHME 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:

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

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



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

UNDERGRADUATE ADMISSION INFORMATION

The following is designed to help you, the prospective summer school student, to determine how or whether to use the admission application tound 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 including UMBC and

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 \$20 application fee is required, if you have never enrolled at any eampus of the University of Maryland

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 \$20 application fee is required if you have never

enrolled at any campus of the University of Maryland

No transcripts are required

See Graduate Study if wishing to attempt graduate level (500-above) courses

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 \$20 application fee is required if you have never enrolled at any campus of the University of Maryland

No transcripts required

Full admission is prerequisite for Fall 1987 enrollment. Please visit the Office of Undergraduate Admission, Lower Level, North Administration Building.

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

Must have a minimum of a "B" average

Complete regular admission application obtainable from Office of Undergraduate Admissions, Lower Level, North Administration Building

High School transcripts required A non-refundable \$20 application fee is required if you have never enrolled at any campus of the University of Maryland.

7. NEWLY ADMITTED FALL 1987 STUDENT:

no application required

must present letter of admission for Fall. 1987

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

AND:

ADMISSION REQUIREMENTS AND PROCEDURES

1. Attended UMCP previously as a "Term Only" registrant... Must present letter of readmission to register.

Complete enclosed undergraduate application

2. You were not enrolled the Spring 1987 semester and you are in good academic standing, or on academic probation and did not withdraw your

Complete enclosed undergraduate application

last semester...

Must present letter of readmission to register.

Attended UMCP this past Spring 1987 semester and you were not academically dismissed (this includes students who graduated May 1987)

No application required for Summer Session registration

You will be notified of summer session eligibility by the enrollment office.

Must present ID card to register.

4. Attended UMCP Spring 1987 semester and either withdrew or you were academically dismissed at the end of Spring 1987 Must present 1D card to register

No application required for Summer Session registration However, reinstatement is a prerequisite for Fall 1987 registration

Were dismissed or withdrew from UMCP prior to the Spring 1987 semester (and did not attend Spring 1987)

Must be reinstated through Reenrollment Office, Office of Undergraduate Admissions, Lower Level, North Administration Building, by below deadlines:

For Summer Session I - April 15, 1987 For Summer Session II - May 15, 1987

GRADUATE ADMISSIONS INFORMATION

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

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

Admission Status

ADVANCED SPECIAL STUDENTS

(first enrollment oonJcampus)

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.

Admission Requirements and Procedures

- complete the enclosed application submit \$20 application fee
- meet one of the following criteria
 - a. Hold a baccalaureate degree from a regionally accredited institution with an overall "B" (3.0) average (official transcript required).
 - 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).

ADVANCED SPECIAL STUDENTS

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

- complete the enclosed application

SPECIAL SUMMER INSTITUTE PARTICIPANTS

- contact institute director for special procedures

VISITING GRADUATE STUDENTS

(Other Colleges and Universities)

complete the enclosed application

provide letter of permission from parent institution

submit \$20 application fee

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

VISITING GRADUATE STUDENTS

(Other campuses of the University of Maryland)

no application required

obtain intercampus registration form from your Graduate Dean

obtain necessary authorizations on the home campus, then proceed to UMCP Graduate School for clearance

CURRENT UMCP GRADUATE STUDENT IN GOOD STANDING

- no application required

UMCP GRADUATE STUDENT—TIME LIMITS EXPIRED

- contact academic advisor to discuss possibilities for an extension

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

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

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

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

must submit \$20 application fee

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

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

FOREIGN STUDENTS ADMISSION INFORMATION

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

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

COLLEGE/MAJOR (COURSE OF STUDY)

UNDERGRADUATE STUDENTS ONLY:

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

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

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

College

Agriculture Allied Health Architecture Arts & Humanities Behavioral & Social Sciences Business & Management Education Engineering General Studies/Individual Studies Human Ecology Journalism Library & Information Services Life Sciences Mathematical & Physical Sciences Physical Education, Recreation & Health

Undergraduate Studies-"Undecided" Undergraduates

Location

1116 Symons 2106 Turner 1204 Architecture 1111 Francis Scott Key 2115 Tydings 2136 Tydings 1210 Education 1131 Engr. Classroom Bldg. 1115 Hornbake Library 1100 Marie Mount Hall 2109 Journalism 4105 Hornbake Library 1110 Symons 2300 Math

3310 Physical Education, Recreation

& Health Building

GRADUATE PROGRAMS

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

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

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

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

Administration

Special Education

Animal Sciences Agricultural & Extension Education Agronomy American Studies Anthropology Architecture Agricultural & Resource Economics Art Astronomy Biochemistry Botany Business and Management Business and Management/Public Management Chemistry Chemical Physics Classics Comparative Literature Communication, Arts & Theatre Computer Science Criminal Justice and Criminology Dairy Science Economics

Curriculum & Instruction Counseling and Personnel Services

Human Development Education

Industrial, Technological and

Occupational Education

Education Policy, Planning

Measurement & Statistics

Aerospace Engineering Agricultural Engineering Civil Engineering Chemical Engineering Electrical Engineering English Language & Literature Engineering Materials Mechanical Engineering Nuclear Engineering Entomology Food Science Family & Community Development Food, Nutrition and Institutional Administration French Language and Literature Geography Geology Geography/Library and Information Services German Language & Literature Government & Politics Hearing and Speech Science History/Library and Information Services History Health Education Horticulture

Journalism Library & Information Services Linguistics Business and Management/Law Applied Mathematics Mathematics Marine Estuarine and Environmental Science Meteorology Microbiology Music

Nutritional Sciences Public Communications Physical Education Philosophy Physics Policy Studies Poultry Science Psychology Public Management Public Management/Law Public Policy Recreation Sociology Spanish Language & Literature Mathematical Statistics Textiles & Consumer Economics Urban Studies

Zoology



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

ACADEMIC INFORMATION

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

THE UNIVERSITY STUDIES PROGRAM

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

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

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

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

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

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

OUTLINE OF THE PROGRAM

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

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

- Students with SAT verbal scores of 600 or above are exempt.
- c. Students with AP scores of 4 or 5, or an AP of 3 plus SAT verbal scores of 600 or above are exempt and earn 3 credits for ENGL 101 and 3 credits for ENGL 102.
- ENGL 391 (Junior Level Expository Writing) or 393 (Technical Writing) - 3 credits
 - Must be taken after the student has completed 56 credit hours (i.e., has reached junior standing).
 - Students with SAT verbal scores of 700 or above or a grade of A in ENGL 101 or AP scores of 4 or 5 are exempt.
- B. Mathematics 3 credits.

Math 110 (or the modular equivalent Math 102-3-4) or MATH 115.

- Students with the following minimum examination scores or higher are exempt:
 - a. SAT: 600
 - College Board Achievement Tests in Mathematics, Level 1 or 11: 600
 - Advanced Placement Examinations, Calculus AB or BC: 3
 - d. Any CLEP Subject Examination in Mathematics: 60
- Successful completion of any of the following entry level courses higher than MATH 110: MATH 111,140,141,150,151, 220,221,240, 241,246,250,251; STAT 100,250.
- II. DISTRIBUTIVE STUDIES minimum: 24 credits.
 - A. Culture and History (min: 6 credits, 2 courses)
 - B. Natural Sciences and Mathematics (min: 6 cr., 2 courses)
 One course must be a laboratory science.
 - Literature and the Arts (min: 6 credits, 2 courses) Courses
 must be taken in two different departments, except honors
 courses
 - D. Social and Behavioral Sciences (min: 6 credits, 2 courses)
 - III. ADVANCED STUDIES 6 credits.

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

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

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

Distributive Studies (A) Cultural and Historical—Approved Courses

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

PHIL 100	Introduction to Dhilosophy	FMCD 201	Concepts in Community Development
	Introduction to Philosophy	FMCD 205	Decision Making in Families and Communities
PHIL 250 SLAV 101	Philosophy of Science I Elementary Russian I	FOOD 110	Food for People
SLAV 102	Elementary Russian II	GEOG 100	Introduction to Geography
SLAV 104	Intermediate Russian	GEOG 130	Developing Countries
SPAN 101	Elementary Spanish I	GEOG 203	Economic Geography
SPAN 102	Elementary Spanish II	GVPT 100	Principles of Government and Politics
SPAN 203	Intermediate Spanish	GVPT 170	American Government
SPAN 204	Review of Oral and Written Spanish	GVPT 300	International Political Relations
SPAN 311	Advanced Conversation I	HESP 120	Introduction to Linguistics
SPAN 312	Advanced Conversation II	HIST 157	History of the US Since 1865
TEXT 347 TEXT 363 THET 110	History of Costume II	HLTH 230	Introduction to Health Behavior
TEXT 363	History of Textiles	HLTH 285	Controlling Stress and Tension
THET 110	Introduction to the Theatre	JOUR 100	Introduction to Mass Communication
THET 310	The American Theatre	PHED 350	Psychology of Sport
Distributive St	udies (B) Natural Sciences and Mathematics-	PHED 385	Motor Learning and Skilled Performance
Approved Con		PHIL, 140 PSYC 100	Contemporary Moral Issues
		PSYC 310	Introduction to Psychology Perception
Lab Sciences		PSYC 331	Introduction to Abnormal Psychology
ASTR 100	Introduction to Astronomy	PSYC 335	Personality and Adjustment
ASTR 110	Astronomy Laboratory	PSYC 355	Child Psychology
BOTN 100	General Botany for Non-Science Students	RECR 130	History and Introduction to Recreation
CHEM 103	General Chemistry I	RTVF 124	Mass Communication in 20th Century Society
CHEM 104	Fundamentals of Organic and Biochemistry	SOCY 100	Introduction to Sociology
CHEM 113	General Chemistry II The Man-made World	SOCY 105	Introduction to Contemporary Social Problems
ENES 121A	Insects	SOCY 300	American Society
ENTM 100 GEOL 100	Physical Geology	URBS 100	Introduction to Interdisciplinary Urban Studies
MICB 200	General Microbiology	Advanced Stud	lies Development of Knowledge
PHED 360	Physiology of Exercise		
PHYS 121	Fundamentals of Physics I	AMST 428A	American Cultural Eras: Social Dramas in American Cultural History
PHYS 122	Fundamentals of Physics II	ANTH 401	Cultural Anthropology: Principles and Process
PHYS 262	General Physics: Vibrations, Waves, Heat,	ASTR 330	Solar System Astronomy
	Electricity and Magnetism	ASTR 380	Life in the Universe
ZOOL 101	General Zoology	ECON 402	Business Cycles
ZOOL 210	Animal Diversity	EDCI 488N	Learning Styles and Learning Environments
Non-Lab Scien	ces and Mathematics	EDMS 451	Introduction to Educational Statistics
ASTR 100	Introduction to Astronomy	ENGL 379E	Special Topics in Literature: Film Analysis—The
ENES 121A	The Man-Made World	ELIGI 1001	Rhetoric of Fictional Worlds
ENTM 100	Insects	ENGL 379J	Special Topics in Literature: Interpreting the Bible
GEOL 100	Physical Geology	ENGL 420	Literature of the Romantic Period
MATH III	Introduction to Mathematics II	ENGL 453	Literary Criticism
MATH 140	Calculus I	ENGL 489A	Special Topics in English Language: The Language of Advertising
MATH 141	Calculus II	GVPT 442	History of Political Theory—Modern and Recent
MATH 210	Elements of Mathematics	MATH 406	Introduction to Number Theory
MATH 211	Elements of Geometry	PHIL 331	Philosophy of Art
MATH 220	Elementary Calculus I	PHIL 447	Philosophy of Law
MATH 221 MATH 240	Elementary Calculus II Introduction to Linear Algebra	PHYS 420	Principles of Modern Physics
	Calculus III	THET 495	History of Theatrical Theory and Criticism
	Differential Equations for Scientists and Engineers	WMST 400	Theories of Feminism
MATH 241 MATH 246			
MATH 246		Advanced Stud	lice Analysis of Uuman Problems
MATH 246 NUTR 100 PHYS 161	Elements of Nutrition		lies Analysis of Human Problems
MATH 246		Advanced Stud AMST 428B	American Cultural Eras: American Film Culture in
MATH 246 NUTR 100 PHYS 161 SOCY 201	Elements of Nutrition General Physics Introductory Statistics for Sociology	AMST 428B	American Cultural Eras: American Film Culture in the 1960's.
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved		American Cultural Eras: American Film Culture in the 1960's. World Hunger, Population, Food Supplies and
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive Sto Courses (must	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments)	AMST 428B AREC 365	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History	AMST 428B AREC 365 CLAS 374	American Cultural Eras: American Film Culture in the 1960's. World Hunger, Population, Food Supplies and Public Policy Greek Tragedy in Translation
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive Str Courses (must APDS 104 ARCH 170	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment	AMST 428B AREC 365 CLAS 374 CNEC 410	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive Str Courses (must APDS 104 ARCH 170 ARCH 222	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431 CNEC 437	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100 ARTH 260	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art History of Art I	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431 CNEC 437 ECON 415	American Cultural Eras: American Film Culture in the 1960's. World Hunger, Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of Underdeveloped Areas
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art History of Art I History of Art I	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431 CNEC 437 ECON 415 EDCI 381	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of Underdeveloped Areas The Parental Role in the Eduactive Process
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100 ARTH 260 ARTH 261 DANC 200 ENGL 201	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art History of Art I	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431 CNEC 437 ECON 415 EDCI 381 EDCP 420	American Cultural Eras: American Film Culture in the 1960's. World Hunger, Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of Underdeveloped Areas The Parental Role in the Eduactive Process Education and Racism
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100 ARTH 260 ARTH 261 DANC 200 ENGL 201 ENGL 205	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art History of Art I History of Art II Introduction to Dance World Literature Introduction to Shakespeare	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431 CNEC 437 ECON 415 EDCI 381 EDCP 420 EDHD 413	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of Underdeveloped Areas The Parental Role in the Eduactive Process Education and Racism Adolescent Development
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive Str Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100 ARTH 260 ARTH 261 DANC 200 ENGL 201 ENGL 205 ENGL 222	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art History of Art I History of Art II History of Art II Introduction to Dance World Literature Introduction to Shakespeare American Literature	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 437 ECON 415 EDC1 381 EDCP 420 EDHD 413 EDHD 445	American Cultural Eras: American Film Culture in the 1960's. World Hunger. Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of Underdeveloped Areas The Parental Role in the Eduactive Process Education and Racism Adolescent Development Guidance of Young Children
MATH 246 NUTR 100 PHYS 161 SOCY 201 Distributive St Courses (must APDS 104 ARCH 170 ARCH 222 ARTH 100 ARTH 260 ARTH 261 DANC 200 ENGL 201 ENGL 201 ENGL 202 ENGL 222 ENGL 246	Elements of Nutrition General Physics Introductory Statistics for Sociology udies (C) Literature and the Arts—Approved be taken in two different departments) Survey of Design History Introduction to the Built Environment History of Western Architecture Introduction to Art History of Art I History of Art II Introduction to Dance World Literature Introduction to Shakespeare American Literature The Short Story	AMST 428B AREC 365 CLAS 374 CNEC 410 CNEC 431 CNEC 437 ECON 415 EDCI 381 EDCP 420 EDHD 413 EDHD 4415 EDIT 476	American Cultural Eras: American Film Culture in the 1960's. World Hunger, Population, Food Supplies and Public Policy Greek Tragedy in Translation Consumer Finance The Consumer and the Law Consumer Behavior Introduction to Economic Development of Underdeveloped Areas The Parental Role in the Eduactive Process Education and Racism Adolescent Development Guidance of Young Children Application of Technology to Societal Problems
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14 GENERAL UNIVERSITY REQUIREMENTS

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

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

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

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

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

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

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

ACADEMIC CREDIT

The semester hour is the unit of credit. During the Summer Session a typical 3 credit hour course meets five times a week for six weeks and requires daily preparation. Each class period is 80 minutes in length.

Students who are matriculated as candidates for degrees will be given credit toward the appropriate degree for satisfactory completion of summer courses. Each student is responsible for the determination of applicability of courses selected to the degree program and is urged to consult a summer academic advisor.

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

MARKING SYSTEM

- 1. 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. 1, P. S. and W. These marks remain as part of the student's permanent record and may only be changed by the original instructor on certification, approved by the department chairman and the dean or provost, that an actual mistake was made in determining or recording the grade.
- The mark of A denotes excellent mastery of the subject. It denotes outstanding scholarship. In computations of cumulative or semester averages, a mark of A will be assigned a value of 4 quality points per credit hour.
- The mark of B denotes good mastery of the subject. It denotes good scholarship. In computation of cumulative or semester averages a mark of B will be assigned 3 quality points per credit hour.

- The mark of C denotes acceptable mastery. It denotes the usual achievement expected. In computation of cumulative or semester averages a mark of C will be assigned a value of 2 quality points per credit hour.
- 5. The mark of D denote's 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 I 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.
- 7. 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.
- 8. The mark of S is a department option mark which may be used to denote satisfactory participation by a student in progressing thesis projects, orientation courses, practice teaching and the like. In computation of cumulative averages a mark of S will not be included. In computation of quality points achieved for a semester, a mark of S will be assigned a value of 2 quality points per credit hour.
- The mark of I is an exceptional mark which is an instructor option. It is given only to a student whose work in a course has been qualitatively satisfactory, when, because of illness or other circumstances beyond his control, he or she has been unable to complete some small portion of the work of the course. In no case will the mark I be recorded for a student who has not completed the major portion of the work of the course. The student will remove the I by completing work assigned by the instructor. It is the student's responsibility to request arrangements for completion of the work. The work must be completed by the end of the next semester in which the course is again offered and in which the student is in attendance at the College Park Campus; otherwise the I becomes terminal (equivalent to W). Exceptions to the time period cited above may be granted by the student's dean or provost upon the written request of the student if circumstances warrant further delay. If the instructor is unavailable, the department chairman will, upon request of the student, make appropriate arrangements for the student to complete the course requirements. It is the responsibility of the instructor or department chairman concerned to return the appropriate supplementary grade report to the Office of Registrations promptly upon completion of the work. The I cannot be removed through re-registration for the course or through the method of "credit by examination." In any event this mark shall not be used in any computations.
- 10. 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 instuctor that the student has withdrawn from the course.
- 11. Audit. A student may register to audit a course or courses in which space is available. The notation AUD will be placed on the transcript for each course audited. A notation to the effect that this symbol does not imply attendance or any other effort in the course will be included on the transcript in the explanation of the grading system.

PASS/FAIL OPTION

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

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

ADVANCED PLACEMENT PROGRAM

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

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

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

CODE OF STUDENT CONDUCT

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

ACADEMIC DISHONESTY

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

PROTECTION OF PRIVACY UNIVERSITY POLICY ON DISCLOSURE OF STUDENT RECORDS

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

CANDIDATES FOR DEGREES

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

DEFINITION OF FULL-TIME STATUS

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

UNDERGRADUATES

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

GRADUATES

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

Courses in the series: 000–399 carry 2 units/credit hour Courses in the series: 400–499 carry 4 units/credit hour Courses in the series: 500–599 carry 5 units/credit hour Courses in the series: 500–598 carry 6 units/credit hour Research course: 799 carries 12 units/credit hour Research course: 899 carries 18 units/credit hour

MAXIMUM LOAD

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

GOLDEN IDENTIFICATION CARD

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

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

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

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

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

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

AREA RESOURCE MAP

27.

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.

20 MILES

31.

38.

43. 32.

19.

9, 18. 15. ².

39.44.41. 16. 14. 29. 12.

26.23.

37.

122.

25.

7.

UNIVERSITY OF MARYLAND PROFESSIONAL SCHOOLS DENTISTRY LAW MEDICINE NURSING PHARMACY SOCIAL WORK 13. UNIVERSITY OF MARYLAND BALTIMORE COUNTY 5. 20. MILES 24. 40 36 UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS Annapolis 30. 33. **3** 42.



AMERICAN UNIVERSITY

3.

- ARENA STAGE
- ARLINGTON NAT. CEMETERY
- ATOMIC ENERGY COMMISSION
- BALTO./WASH. INTERNATIONAL AIRPORT BETHESDA NAT. NAVAL MEDICAL CTR.
- CATHOLIC UNIVERSITY
- **CENSUS BUREAU**
- CORCORAN GALLERY
- **DULLES INTERNATIONAL AIRPORT**
- 11 **DUMBARTON DAKS**
- FOLGER SHAKESPEARE LIBRARY
- FORT McHENRY
- 14. FREER GALLERY
- 15. GEORGETOWN UNIVERSITY

16. GEORGE WASHINGTON UNIVERSITY 17. GOODARO SPACE FLIGHT CTR.

17.

Washington, D.C.

8. 35. 28.

- 18. HIRSHHORN GALLERY
- 19. HOWARO UNIVERSITY
- 20. JOHNS HOPKINS APPLIED PHYSICS LAB.
- JOHNS HOPKINS UNIVERSITY
- 22. KENNEDY CTR. FOR THE PERFORMING ARTS 23. LIBRARY OF CONGRESS

- 24. NAT. AGRICULTURE LIBRARY
- 25. NAT. AIRPORT 26. NAT. ARCHIVES
- 27. NAT. BUREAU OF STANDARDS 28. NAT. ENVIRONMENTAL SATELLITE CTR.
- 29. NAT. GALLERY OF ART
- 30. NAT. INSTITUTES OF HEALTH

31. NAT. METEOROLOGICAL CTR. 32 NAT. ZOOLOGICAL PARK

40.

- 33. NAVAL MEDICAL CTR

UNIVERSITY OF MARYLAND NATURAL RESOURCES INSTITUTE

21.

Baltimore

- NAVAL OBSERVATORY
- NAVAL OCEANOGRAPHIC OFFICE
- 36. 37. NAVAL ORDINANCE LAB.
- NAVAL RESEARCH LAB.
- 38. PENTAGON 39. SMITHSONIAN INSTITUTION
- 40. SMITHSONIAN ECOLOGICAL CTR.
- 41. U.S. CAPITAL
- 42. U.S. NAVAL ACADEMY
- 43. WALTER REED ARMY MEDICAL CTR
- 44. WHITE HOUSE

GENERAL INFORMATION

GENERAL INFORMATION



VETERANS BENEFITS

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

ENROLLMENT CERTIFICATION AND VAPAYMENTS

 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

		Lecture S	ession	
Number			Minutes in	Session
Days V Class N		100	120	180
	1.6	2	2 4	3.6
)	3.2	4	4.8	7.2
3	4 8	6	7.2	10.8
4	6.4	8	9.6	14.4
5	8.0	10.0	12.0	18.0

Example: If class meets M, Tu, W, Th 8:00-9.20; then Standard Class Session (SCS) = 6.4 = 1.2 time

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

Example: If lab course meets M, Tu, W, Th, F 12:30–1.50 Lecture: M, W, F 8.00-11:00 Lab, Tu, Th 9:30-10:50 Discussion: then SCS = 8+5.4+3.2=16.2= full-time

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

TABLE FOR COMPUTING GRADUATE UNITS

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

Graduate registration will not be certified for any course below the 400 level unless the course is required by the major department. A letter verifying the requirement must be approved by the Graduate School and submitted to the Veterans Affairs Office. Courses below 400-level will not receive Graduate Credit. 2. Basis for payment during each Summer Session.*

Class Session	Graduate	
(SCS) Credits	Students	Status
12+	24	Full time
9-11	18	$\frac{3}{4}$ time
6-8	12	½ time
less than 5	6	1/4 time

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

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

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

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

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

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

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

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

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

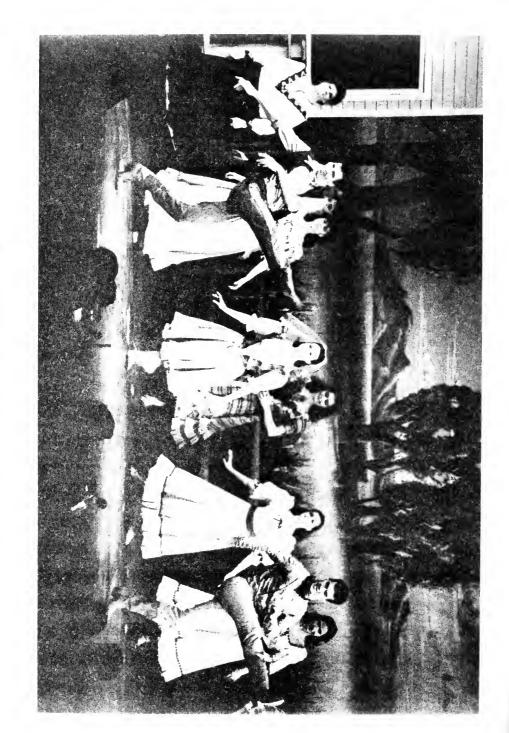
COMPUTER SCIENCE CENTER

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

SUMMER RECREATION PROGRAM

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

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



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

GENERAL INFORMATION



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

Parking stickers for motor vehicles previously registered for the 1986-87 academic year will be honored for the 1987 Summer Sessions. For motor vehicles operated by new students or nonregistered motor vehicles operated by continuing students, there will be a registration fee of \$7.00 for resident students for the first vehicle and \$5.00 for commuter students for the first vehicle and \$10.00 for each additional vehicle, which must be paid to the Motor Vehicle Administration Office when the vehicle is registered (see Tuition and Fees). Vehicles must be registered by the legal operator only. Several parking lots are designated for use by students and staff. Students may park registered motor vehicles in lots 1, 2, 3, 4, 7, 9, II and if the vehicle is a compact car, it may utilize small car parking lot 8. All other lots are reserved for faculty and staff members. University Regulations prohibit the parking of motor vehicles on any Campus road, fire lane or medical spaces reserved for handicap parking. These regulations are enforced by the University Police. Questions regarding Motor Vehicle Registration should be directed to the Motor Vehicle Office, Rossborough Drive, opposite Ritchie Coliseum, from 8:30a.m. to 4.15p.m Monday through Friday, or by telephone on 454-4242 or 4243.

HANDICAPPED PARKING

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

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



HEALTH CENTER

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

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

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

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

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

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



ON-CAMPUS HOUSING

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

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

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

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

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

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

CAMPUS GUEST SERVICES

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

In addition, accommodations may be provided for conference

GENERAL INFORMATION

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

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



RESEARCH FACILITIES

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

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

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

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

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

The College of Physical Education, Recreation and Health maintains modern research laboratories including, but not limited to, Psychophysiological Research Laboratory, the Biofeedback Learning Lab, The Safety Education Center, Leisure and Recreation Studies Laboratory, Cinematographic Analysis, Cardiovascular Measurement, Strength and other Motor Fitness Assessments, Body Composition, Analysis of Motion, and Motor Learning Research.



DINING SERVICES

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

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

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

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



DISABLED STUDENT SERVICES

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

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

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

SPECIAL PROGRAMS



LIBRARIES

Libraries of the campus are the Theodore R. McKeldin Library (the general library), the R. Lee Hornbake Library containing the Undergraduate Library, Nonprint Media Services, and the Music Library, the Artchitecture Library, the Art Library and Information Services and its Juvenile Teaching Materials Collection, the White Memorial Chemistry Library and the Engineering and Physical Sciences Library The libraries have a total book collection of more than 1.7 million volumes and currently receive over 20,000 serials. In addition, the libraries contain 2.5 million microforms, 600,000 U.S., state and international government documents; 900,000 technical reports, 50,000 cassettes, records and tapes; and over 88,000 maps. Bibliographical facilities include book catalogs of the British Museum, Bibliotheque Nationale, Library of Congress and national bibliographies of many foreign countries. Special collections include the Katherine Anne Porter Room, East Asia collection, Marylandia, industrial and craft union files, music education association files and numerous sets of microreproductions of rare books, early and rare journals, archives and manuscripts, and other research materials in many subjects. Study carrels and lockers are available to faculty members and graduate students in the McKeldin Library. Facilities for microform reading, photocopying, ordering online data-base searches, reading reserve material and arranging interlibrary loans are available in all libraries.



UNIVERSITY BOOK CENTER

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



RETIRED VOLUNTEER SERVICE CORPS

People who are retired and have career or life experience skills which they would like to continue to use can do so through the Retired Volunteer Service Corps. By volunteering three hours or more a week, talented older people can help personalize undergraduate education and provide a unique perspective to students at U.M.C.P. Volunteers utilize their unique skills as tutors, career counselors, academic advisors, teaching assistants, technical assistants and office assistants, as well as having the option of sassisting in a volunteer job of their own design. For further information contact the Retired Volunteer Service Corps office at 151.1476.

SPECIAL PROGRAMS

WORKSHOPS, INSTITUTES AND OTHER SPECIAL OFFERINGS

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

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

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

SPECIAL PROGRAMS



THE MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS

George Moquin, Executive Director

jor symphony orchestras and frequently appears with the National Symphony at both the John F. Kennedy Center and Wolf Trap Farm Park. Come and enjoy being part of so highly-respected an organization.

The Chorus regularly performs with some of the world's ma-

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

THE FIRST AMERICAN VIOLIN CONGRESS

June 9-13 Sir Yehndi Mennhin, President

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

Pre-Registration Fees (Received by May 8, 1987) Full Congress: \$120.00 Daily Rate: \$40.00

Late Registration Fees (After May 8, 1987) Full Congress: \$150.00

Daily Rate: \$50.00

THE UNIVERSITY OF MARYLAND INTERNATIONAL PIANO FESTIVAL AND WILLIAM KAPELL COMPETITION

Eugene Istomin, Artistic Director July 9-18, 1987

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

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

Full Festival: \$225.00 Daily Rate: \$30.00 Late Registration Fees (After June 9, 1987)

Full Festival \$275.00 Daily Rate: \$40.00



UNIVERSITY CHORUS 1987 SUMMER SEASON

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

UMCP ELDERHOSTEL Program

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

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

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



College of Journalism

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

Writing and Editing June 22 through June 26 MTWThF, 9:30-3:30

Special Fee: \$70.00

School Press Workshop I: School Press Workshop II: Design and Production

June 29 through July 3 MTWThF, 9:30-3:30 Special Fee: \$70.00

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

Yearbook Short Course

June 22-24

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

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

SPECIAL PROGRAMS



COLLEGE OF ARTS AND HUMANITIES

Department of Music

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

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



COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Department of Anthropology

ANTH 499A/699A SUMM 015. Field Methods in Historical Archaeology. 6 credits or non-matriculant/non-credit registration at a special fee of \$525.00. Session 1. MTWTh, 8:00 a.m. - 4:00 p.m.

Professor Mark Leone

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

Telephone: (301) 454-4154.

Department of Hearing and Speech Sciences.

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

Professor Gerald McCall



LBSC 499A SUMM 008A. Archival Automation. 3 credits or non-matriculant/non-credit registration at special fee of \$410. Session 1, TuTh, 6:00–9:00 p.m. Professor Frank Burke

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

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



COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES

Department of Mathematics

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

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

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

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

Professor Elizabeth Shearn.

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

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

SCHEDULE OF EVENTS

SESSION I

THE FIRST AMERICAN GUITAR CONGRESS

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

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

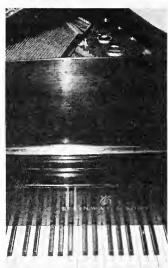
Saturday, June 13 Gala Closing Concert conducted by SIR YEHUDI MENUHIN featuring violin ensembles and an orchestra of 200 violins.

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

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



MARYLAND SUMMER INSTITUTE FOR THE CREATIVE AND PERFORMING ARTS



SESSION II

THE UNIVERSITY OF MARYLAND INTERNATIONAL PIANO FESTIVAL

Sunday, July 12 SHURA CHERKASSKY

Monday, July 13 IVAN MORAVEC

Tuesday, July 14 YOURI EGOROV

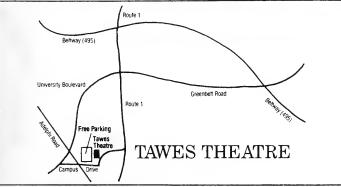
Wednesday, July 15 JOHN BROWNING

Thursday, July 16 NIKITA MAGALOFF

Friday, July 17 To be announced

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





COMPLIMENTARY TICKETS

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

HOW TO QUALIFY

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

WHERE AND WHEN

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

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



The First American AVIOLINA CONGRESS

SIR YEHUDI MENUHIN

President

June 9-13, 1987

The University of Maryland, College Park & Washington, DC

Presented by
The Maryland Summer Institute
for the Creative and Performing Arts

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

> Fin information Violin Congress, Summer Programs University of Maryland College Park, Maryland 20742 (30) 454-5910, 454-4241

Sir Yehudi Menuhin, President, The First American Violin Congress



THE UNIVERSITY OF MARYLAND International

PIANO FESTIVAL

William Kapell Competition

Eugene Istomin

Artistic Director

Presented by
The Maryland Summer Institute
for the Creative and Performing Arts

The Festival

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

For Information:

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

The Competition

Preliminary Rounds July 9–11 Semi-Final Rounds July 12–15 Final Round with the National Symphony Orchestra, Mstislav Rostropovich, Music Director, Stanislaw Skrowaczewski, Conductor, Concert Hall, Kennedy Center, Washington, DC, July 18, 1987

July 9-18, 1987

College Park, Maryland and Washington, DC

Constitutional Bicentennial Summer July, 1987 TAWES THEATER

THE LAW OF THE LAND

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



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



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

UNIVERSITY OF MARYLAND

COLLEGE PARK, MARYLAND



Archibeld Cox
Professor of Law,
Professor of Law,
Harvard Law School,
author, and former
Special Prosecutor
during the Nivon Prose
dency. Subject: "The
Role of the Supreme
Count: Judicial
Activism or SelfRestraint?"
July 28, 1987



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

For additional information contact Dr. Whitman Ridgway: (301) 454-2543

AEED AGRICULTURAL AND EXTENSION EDUCATION AEED 313 Student Teaching 5 credits; Grading Method REG AUD Contact department to make arrangements O201 Time Arranged The Artiarignor of the Artiarign AEED 315

(AGRICULTURE)

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EED 315 Student Teaching 1-4 credits: Grading Method: REG AUD
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Teaching to the August Teaching Contact Coper, E Teaching Coper, E Teachin

AEED 325 Directed Experience in Extension Education 1-5 credits, Grading Method REG P-F AUD 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Staff Prerequisite, satisfactory academic average and permission of instructor. Full-time observation and participation in selected aspects of extension education in an approved training county.

Conservation of Natural Resources 3 credits, Grading Method. REG.P.F. Concurrent registration with AEED 497 required Field trips 56. 6.13. 6.23–6.25 [Eastern Shore); 630–7/2 [Western Maryland). A \$70 transportation fee for field trips will be AEED 487 assessed

0101 W 7:00pm-10:00pm Blog. SYM, Room 0115 Room Arranged (DIS) Time Arranged Designed primarily for teachers Study of state's natural resources soil, water, fishenes, wildlife, forests, and minerals natural resources problems and gracutes. Extensive field study. Concentration on subject matter. Takes no concentrally with AEED 497 in summer casion.

Critique in Rural Education 1 credit; Grading Method: REG:P-F.AUD Contact department to make arrangements **AEED 488**

0101 Time Arranged Room Arranged Staff Room Arranged Current problems and trends in rural education **AEED 489**

Field Experience 1-4 credits, Grading Method: REG P-F-AUD Contact department to make arrangements 0101 Time Arranged Room Arranged Room Arranged

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AEED 497 Conservetion of Natural Resources 3 credits, Grading Method REGIP-F
Concurrent registration with AEED 487 required.
W 7:00pm-10 00pm Bidg. SYM, Room 0115 Gill Time Arranged (DIS)

Designed primarily for teachers. Study of state's natural resources soil, water, fishenes, wildlife, forests, and minerals, natural resources problems and practices. Extensive field study. Methods of teaching conservation included. Taken concurrently, with AEED 487 in summer veason.

Special Problems 1–3 credits, Grading Method REG P-F AUD Contact department to make arrangements AFFD 499 Room Arranged 0101 Time Arranged

Room Arranged AEED 699 Special Problems 1-3 credits: Grading Method REG AUD Contact department to make arrangements

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AEED 789S Special Topics: Developing and Meintaining Community Relations
3 credits, Grading Method. REG AUD
0101 Tu 4 30pm-7.00pm Bldg SYM, Room 0115 Ctaff AEED 799 Master's Thesis Research 1—6 credits; Grading Method REG
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0201 Time Arranged Room Arranged Staff

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

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Internable in Natural Resources Management 3 credits, Grading Method: S-F Permission of department required. Natural Resources Management majors only 0101 Time Arranged Room Arranged

AGRO

AGRONOMY (AGRICULTURE) AGRO 386 Field Work 1-3 credits, Grading Method: REG P-F AUD Permission of department required.

0101 Time Arranged Room Arranged Staff AGRO 387 Field Work Analysis 1–3 credits, Grading Method: REG P-F AUD Permission of department required 0101 Time Arranged Room Arranged Staff

AGRD 499 Special Problems in Agronomy 1–3 credits, Grading Melhod: REG P-F-AUD 0101 Time Arranged Staff 0201 Time Arranged Staff Room Arranged Staff AGRO 608 Research Methods 2 credits, Grading Method REG AUD Room Arranged

0101 Time Arranged 0201 Time Arranged Room Arranged AGRO 608A Research Methods: Fleid Studies in Pedology 1-4 credits; Grading Method REG AUD

Permission of department required
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AMST

AMERICAN STUDIES (ARTS AND HUMANITIES)

AMERICAN SIUDIES
AMST 203 Popular Culture in America 3 credits: Grading Method, 18EG P-FAUD
Metes USP Distributive Studies (D) Social and Behavioral Scences requirement.
Bigg TLF, Room 2108
MW 1.00pm-4 40pm
Mintz, L
My 1.00pm-William Mark 1, 100 mm 4 40 pm
 An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.

AMST 330 Ciffica of American Culture 3 credits, Grading Method, REGIP-F, AUD Meets USP Advanced Studies Analysis of Human Problems requirement.

10701 TuTh 1 00pm -4 40pm Bigd TLF, Room 2108 Mintz, L
Philosophes of American vocal purpose and promise Readings from "classical" American thinkers. contemporary seculal commentators, and American Studies scholars.

AMST 398 Independent Studies 1–3 credits; Grading Method, REGIP-F/AUD

1091 Tuth Reading Studies 1–3 credits; Grading Method, REGIP-F/AUD

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0201 Time Arranged Common Arranged Southern Stranged France Austraged France Fr Staff

ANSC

(AGRICULTURE)

ANIMAL SCIENCE ANSC 386 Field Work 1-3 credits. Grading Method: REG/P-F/AUD Permission of department required.

Time Arranged Room Arranged Staff 0201 Time Arranged
ANSC 387 Field Work Analysis 1–3 credits; Grading Method: REG.P-F/AUD Permission of department required Room Arranged 0101 Time Arranged Staff

Time Arranged Room Arranged Stati Time Arranged Speciel Problems in Animal Science 1–2 credits; Grading Method. REG.PF/AUD Permission of department required. ANSC 399 0101 Time Arranged Room Arranged

0201 Time Arranged Room Arranged Staff
ANSC 699 Speciel Problems in Animal Science 1–2 credits: Grading Method: REG/AUD
Permission of department required. 0101 Time Arranged 0201 Time Arranged Room Arranged Staff Room Arranged

ANSC 799 Mester's Thesis Research 1-6 credits, Grading Method REG Permission of department required Time Arranged Room Arranged Staff

0201 Time Arranged Room Arranged
ANSC 899 Doctoral Dissertation Research 1-8 credits; Greding Method: REG Permission of department required Room Arranged

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ANTH

ANTHROPOLOGY (BEHAVIOR AND SOCIAL SCI) ANTH 389 Research Problems 1–6 credits, Grading Method: REG 0201 Time Arranged Room Arranged Staff

0201 Time Arranged
ATTH 39SC Research Problems: Culture and Personality 3 credits: Grading Method: REG P-F AUD
Meels USP Advanced Studies Development of Knowledge requirement.

0101 MTuVMTF 9 20am-10 50am Bidg. WDS, Room 1114
ANTH 401 Cultural Anthropology: Principles and Processes
ANTH 401 Cultural Anthropology: Principles and Processes
0101 MTuVTF 12 30am-02 doubles Development 0 MTuVTF 12 40am-02 doubles 12 40am-02 double

oto Milyth P. Advanced Studies Development of Knowledge Technients.

Bdg. WDS, Room 1114

Stuart, W. Stuart, W. Prerquisite. ANTH 101, 102, or 221

An examination of the nature of human culture and its processes, both historical and functional. The approach will be topical and theoretical rather than

decempte
ANTH 499A Field Mathods in Archaeology: Summer Field School in Archaeology
1-6 credits; Gracing Method: REG P-F AUD
See special programs of catalog.
0101 MTWNThF 8 00am - 4 00pm Room Arranged L

Room Arranged

0101 MTuMThE 80gam-4:00pm Room Arranged
ANTH 689A Special Problems in Anthropology 1-6 credits; Grading Method REG AUD
0101 Time Arranged Leone M
ANTH 699A Advanced Field Training in Archaeology 1-6 credits; Grading Method REG AUD
See special programs section of catelog.
0101 MTuMThE 800am-4 Otipm Room Arranged Leone, M
ANTH 795 Internally 6-12 credits; Grading Method: REG AUD

Permission of department required. Permission of department required.

Room Arranged (LAB)

Precequisite. ANTH 701 Problem-omedic intensity with an appropriate public agency or private institution under the direction of a faculty and agency supervisor intensity Analysis 3 credits. Grading Method: REGAUD med Arranged

Chambers. E. 0101 Time Arranged

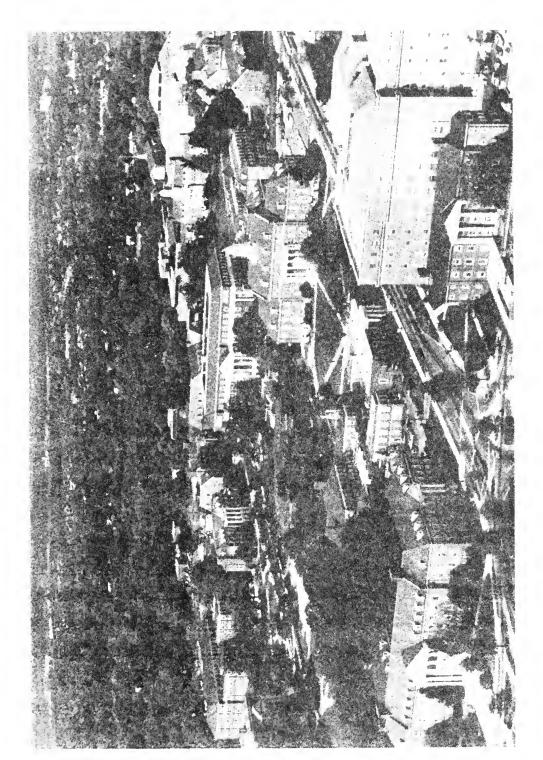
ANTH 712 Intenship Analysis 3 credits, Grading Method: HEG-AUD

1010 Time Arranged Chambers. E

Percepuiste ANTH 705 The preparation and presentation of intenship reports: development of skills

in report writing and presentation. The completion of a professional quality report based on the

intenship experience. Review of problems in either and professional development.



A	P	D	S	

APPLIED DESIGN (ARTS AND HUMANITIES) APDS 101 Fundementals of Design 3 credits, Grading Method REG P.F AUD 0101 Meets JUN 1 to JUL 24 MWF 9.00am-12:00pm Bldg MMH, Room 2411 (LA: Bldg MMH, Room 2411 (LAB) Roper, J Knowledge of basic art elements and principles gained through design problems which employ a APDS 102 Design II 3 credits, Grading Method REG P-F AUD
Prerequisite APDS 101.

Meles JUN 1 to JUL 24
MWF 1.00pm-4 00pm Bldg MMH. VF 1:00pm-4 00pm Bldg. MMH, Room 2415 (LAB) Eckersley, M
Prerequisite APDS 101 Continued exploration of design as a means of visual expression with added

Design III: Three-Dimensional Design 3 credits. Grading Method: REG.P-F.AUD
Prerequisite: APDS 101, Prerequisite or co-requisite. APDS 102
Meets JUN 1 to JUL 200pm
Bidg, MMH, Room 2415 (LAB). Thomas 0

APDS 103

Bldg. MMH, Room 2415 (LAB) Thomas, C

APDS 104

TuTh 8 Osam-12: 90pm Bldg, MMH, Room 2415 (LAB) Thomas, C Pre- or corequisite APD 102 Creative efforts directed to discriminating us of form, volume, depth, and movement 40 Survey of Design History 3 credits: Grading Method REG P-F AUD Meets USP Distributive Studies (C). Literature and the Arts requirement MTWTHF 9 30pm-10 50pm And Studies (C). Literature and the Arts requirement A general introduction to, and history and development of, the design fields from 1850 to the present continuous of the influence of design on our lives and our environment, with emphases on weight culture

APDS 210

0101

APDS 237

culture

O Presentation Techniques 3 credits: Grading Method REG P-F AUD
Prerequisile: APDS 101, 102. Design majors only.
Meets JUN 1 to JUL 24
Turth 8 00am-12 30pm
Prerequisite: APDS 101, 102 or equivalent Comparative approach to basic presentation techniques used in the several areas of commercial design
17 Photography 3 credits, Gadding Method: REG P-F AUD
Advertising design majors only Prerequisites APDS 101, 102
Meets JUN 1 to JUL 24
Turth 1 30pm-6 00pm
Bidg, MMH, Room 0110 (LAB) Elliont, L
Prerequisites APDS 101, 102, or equivalent Study of lundamental camera techniques Exploration of the expressive possibilities in relation to the field of design and visual communication
12 Advanced Bybologopathy 3 credits: Caddon Author's EGG F-E 4 IUD

Advanced Bybologopathy 3 credits: Caddon Author's EGG F-E 4 IUD

Advanced Bybologopathy 3 credits: Caddon Author's EGG F-E 4 IUD

Advanced Bybologopathy 3 credits: Caddon Author's EGG F-E 4 IUD

Advanced Photogrephy 3 credits; Grading Method: REG P-F AUD Prerequisites. APDS 101, 102, 237. Advertising design majors only **APDS 337**

0101 Meets JUN 1 to JUL 24 TuTh 8 00am- 12:30pm Bldg MMH, Room 0110 (LAB) Elliott, L

116 B ULBER-12:30pm Bldg MMH, Room 0110 (LAB) Effort. Under Percepuiste APDS 237. Composition, techniques and lighting applicable to illustration, documentation, advertising design, and display Percepuiste. APDS 331. Advanced problems in design and layout planned for developing competency in oer mirer areas of advertising design.

 Advenced Problems in advertising besign 3 credits; Grading Method. REG.P-F-AUD. Prerequisite. APDS 430. Advertising design majors only. Meals JUN 1 to JUL. 24. APDS 431

TuTh 8.00am-12:30pm Bldg MMH, Room 1413 Thorpe, J

Prerequisite. APDS 430. Advanced problems in design and layout planned for developing competency in one or more areas of advertising design.

APDS 499A Individual Problems in Applied Design 3-4 credits, Grading Method REG.P-F AUD Permission of department required Room Arranged Time Arranged

ARCH

(ARCHITECTURE) ARCHITECTURE

AHCHTI ECTURE)
ARCH170 Introduction to the Built Environment 3 credits: Grading Method REG P-FAUD
Meets USP Distributive Studies (C) Literature and the Arts requirement.

1010 Introduction to conceptual, perceptual, behavioral and technical aspects of environmental design, methods of analysis, problem solving and project implementation.

ARCH 222 History of Western Architecture 3 credits; Grading Method REG P-FAUD
Meets USP Distributive Studies (C) Literature and the Arts requirement

1021 MTUWTIF 9 30am-10.50am
1036 ARC, Room 1105
MTUWTIF 9 30am-10.50am of instructor Survey of the major menuments and styles of western architectural history from the ancient world to the twentierth century. Not available for credit to students who have taken ARCH 341

ARCH 242 Derwing 12 credits; Grading Method, REG P-FAUD

ARCH 242 Drawing I 2 credits: Grading Method. REG P-F AUD

1010 TuTh 7.00pm-10:00pm Bldg, ARC, Room 1105 Sti
Introduces the student to basic techniques of sketching and use of various media

ARCH 428C Selected Topics in Architectural Hilstory: Cape May Seminar
3 credits, Grading Method REG P-FAUD
Contact David Fogle for information Attendance in (
5:31.87-6:25.87
0101 Meets MAY 31 to JUN 25 Attendance in Cape May, NJ required

Meets MAY 31 to JUNGS

Room Arranged

A survey of the development of American styles of architecture from colonial days to the early
twentieth century with emphasis on the model and late Victorian period, analysis of selected
victorian buildings in the city of Cape May, N.J., a National Register landmark site

**Total Conference of Cape May, N.J., a National Register landmark site

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ARCH 470 Computer Applications in Architecture 3 credits. Grading Method. REG.P.F.AUD
Permission of department recuired
0101 TuTh 7 00pm-10 00pm
Bldg ARC, Room 1115
O'Konski, A O'Konski, A

Prerquisite ARCH 302 or permission of instruction fluoridation to computer programming and utilization, with emphasis on architectural applications.

ARCH 488C Selected Topics in Architectural applications.

ARCH 488C Selected Topics in Architecturel Preservation: Cape May Historic Preservation Workshop 3 credits; Grading Method: REG P.F.AUD.

Permission of department required. Contact David Fogle for information. Attendence in

Permission of department required. Contact David Fogle for information Attendance in Cape May, NJ, required 31 May - 25 June

10101 Time Arranged
Four hours of "hands on" restoration work, with historic structures and one hour evening lecture for a five-day, four-week period in Cape May, New Jersey, National Register of Historic Places landmark.

AREC

AGRICULTURE AND RESOURCE ECONOMICS (AGRICULTURE) AREC 365 World Hunger, Population, and Food Supplies 3 credits. Grading Method REG.P.F.AUD Meets USP Advanced Studies Analysis of Human Problems requirement UNITHE 9 30am-10.50am Bidg, HJP, Room 224 Henson, J

Meets USF Advanced Studies Analysis of Human Problems requirement

Big HJP, Room 2242

An introduction to the problem of world hunger and possible solutions to it. World demand, supply
and distribution of food. Alternatives for leveling off world food demand, increasing the supply of
food, and improving its distribution. Eurorimmental limitations to increasing world food production.

AREC cont.

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

ARTH

ARTH 100 Introduction to Art 3 credits: Grading Method REGR-FAUD
Meets USP Distributive Studies (C) Literature and the Arts requirement.

1010 MTWWThF 9 30m-10 50mm Bldg ASY, Room 1213 Gainft D
MTWWThF 9 30m-9 20am Bldg ASY, Room 1213 Gainft D
Rest robot of understanding visual art. This course stresses major approaches such as techniques, subject matter, form, and evaluation Architecture, subject matter, form, and evaluation Architecture, subjecter, and graphic arts will be discussed Required of all att majors in the first year.

Hattory of Art 3 credits: Grading Method REGR-PL ALIP

ARTH 260

1010 MUNIFORM REQUIRED of all at majors in the tirst year

ARTH 260

1010 MUNIFORM OF CORDIS CONTROLLOR MERION REGEP F AUD

Medis USP Distributive Studies (C) Literature and the Arts requirement.

Bligg ASY, Room 1213

A survey of western art as expressed through architecture, sculpture and painting Prehistoric times to Remassairce.

ARTH 261
History of Art 3 credits, Grading Method. REGP-FAUD
Meets USP Distributive Studies (C) Literature and the Arts requirement.

10201
MT-WThF 9 30am-10 50am
Bildg ASY, Room 1213
Hoffman, J
A survey of wevern art as expressed through architecture, sculpture and painting from Renaissance to the present

ARTH 320 Masterpleces of Painting 3 credits, Grading Method. REG.P-F:AUD
0201 MTUVTTP F1 00am-12 20pm [Bigl ASY, Room 3215] Welli
A study of the contributions of a few major painters, ranging from Giotto to Tinan
ARTH 386 Fleld Work 1-3 credits, Grading Method. REG.P-F:AUD Weller D

Permission of department required 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Staff Staff

ARTH 387 Field Work Analysis 1–3 credits, Grading Method REG P-F AUD Permission of department required. Room Arranged Staff

0101 Time Arranged 0201 Time Arranged Room Arranged ARTH 425 High Renaissence Art In Italy 3 credits, Grading Method REG 0201 MTuWThF 9 30am-10:50am Bldg. ASY, Room 3215 Architecture, sculpture and pointing from about 1500 to 1525 Johnson, L

Ottesen, B

Architecture, sulpture and pointing from about 1500 to 1525
ARTH 440 19th Century European Art 3 credits; Grading Method: REG.P-F.AUD
0101 MTuWThF 930am-10.50am 100 and 100 apr. 100 a Denny, D

Panting, sculpture and architecture from the late 19th century to 1920
ARTH 451 20th Century An Ja credits, Grading Method: REGP-FAUD
0201 MTuVThF 11 00am-12:20pm Bigg, ASY, Room 3211 Hoffman, J
Panting, sculpture and architecture from 1920 to the presented of the property of the prope

ARTH 499 Directed Studies in Art History II 2–3 credits, Grading Method REGIP-FAUD 0101 Time Arranged Room Arranged Room Arranged Staff Room Arranged Staff Room Arranged ARTH 699 Directed Graduete Studies in Art History 3 credits, Grading Method: REG-AUD 1010 Time Arranged Staff Room Arrange Room Arranged Staff Room Arrange Room Arrange Room Arrange Room 0101 Time Arranged 0201 Time Arranged

U.C.O. Time Arrangeu

ARTH 798 Directed Gradusie Studies in Art History 3 credits, Grading Method: REG/AUD

1011 Time Arranged

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Staff

Room Arranged

Staff

ARTH 799 Mester's Thesis Research 1–6 credits; Grading Method REG 0101 Time Arranged Room Arranged Staff

Staff

ARTS

ART STUDIO
ARTS 100 Elements of Design 3 credits, Grading Method REG/P-FAUD
1010 MTWVThF 3 00pm-5:30pm Bldg. ASV, Room 2317 Blotner, P
2021 MTWVThF 3 00pm-5:30pm Bldg. ASV, Room 2317 Credit, P
1021 MTWVThF 3 00pm-5:30pm Bldg. ASV, Room 2317 Credit, P
1021 MTWVThF 3 00pm-5:30pm Bldg. ASV, Room 2317 Credit, P
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1021 MTWVThF 3 00pm-5:30pm Bldg. ASV, Room 2317 Credit, P
1021 MTWVThF 3 00pm-5:30pm Bldg. ASV, Room 2317 Credit,

three dimensions

ARTS 110 Elements of Drawling 3 credits; Grading Method. REG/P-F.AUD.
0101 MTuWThF 11 00am-1:30pm Bldg, ASY, Room 2317 (LAB). Pogue, S.
MTuWThF 11 00am-1:30pm Bldg, ASY, Room 2317 (LAB). Momson, K.
An introductory counse with a vanety of media and related techniques. Problems hased on Problems based on still life

figure and nature

ARTS 200 Informediate Design 3 credits, Grading Method REG P-FAUD

1010 MTuVThF 3 00m-5 30m Blog, ASY, Room 2317 Blotner, P

2021 MTuVThF 3 00m-5 30m Blog ASY, Room 2317 Craig, P

Percquisics ARTS 100, 110 A continuation of Design 1 with more individually structured problems in terms of turn, composition and meaning

ARTS 210 Intermediate Drawing 3 credits; Gading Method: REG P-F AUD
1010 MTWVThF 11 Obarn-1 30pm Bligd, ASY, Room 2317 (LAB)
1020 MTWVThF 11 Obarn-1 30pm Bligd, ASY, Room 2317 (LAB)
1021 MTWVThF 11 Obarn-1 30pm Bligd, ASY, Room 2317 (LAB)
1022 MTWVThF 11 Obarn-1 30pm
1023 MTWVThF 11 Obarn-1 30pm
1024 MTWVThF 10 Start 1 30pm
1025 MTWVThF 10 Start 1 30pm
1026 MTWVThF 10 Start 1 30pm
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1028 MTWVThF 2 30pm
1028 MTWVThF 2 Start 2 30pm
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FORM BOOKLET CONTENTS:

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

GUIDELINES FOR COURSE SELECTION

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

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

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

USE OF THE WRONG FORM WILL INVALIDATE THE REGISTRATION

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

 ECON 205
 Fundamentals of Economics USP Distributive Studies (D) Soc and Behavioral Sciences Approved Courses Bldg. G. Rm 3118
 Staff Bldg. G. Rm 3111
 Staff Bldg. G. Rm 3111
 Staff Bldg. G. Rm 3119
 Staff Bldg. G. Rm 3109
 Staff Bldg. G. Rm 3109<

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

 DANC 100
 Modern Dance I for Non-Mejors
 2 credits, grading method
 Reg/P-F/Aud

 0102-12 Jun-24 Jun
 Bldg W. Rm 2102
 Rosen, M

 0101
 MTUWThF9:30
 Bldg EE, Rm 1115
 Owens, G

 Bisc principles of modern dance, emphasizing fundamentals of movement.
 Owens, G

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

MUSC 448B Special Topics in Music Vocal Production and Repertoire 3 credits, grading method: Reg/Aud 0201 – 11 Jul – 28 Jul 0201 MTuVThF9-12 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.

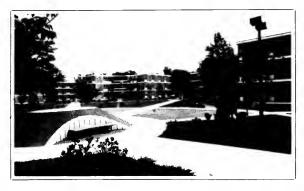
SUMMER

SESSION

O R M

BOOK L

LIVE ON CAMPUS THIS SUMMER!





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

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









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

NON-DEGREE APPLICATION FOR GRADUATE ADMISSION

DEC

DECDATE

TERMDATE

PROV1

ORIG1

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Have you eve	r applied to our	Graduat	e Sch	nool b	efore	either as	an Advanc	ced Speci	al or	Degree	Se	ekıng	Studer	nt?	yes	□ no	Year		
Do you qualif	fy for the Golder	I.D. tee	waive	er?	□ y	es 🗆	no												
SOCIAL SEC	URITY NUMBER																		
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KEY

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			The	perso			OTHER CAS		e followir	ng.		
	4.	Are you or your spouse a	full-time member	of the	U.S. Arme	ed Forces	?					
		If yes, you may omit ques						ders.				
	5.	Current Residence										
			Street Add	ress	Apt. #	City	County	State	Zıp	M / D / Y (Dates	M / D / Y Occupied)	
	6.	Previous Residence	Street Add	ress	Apt #	City	County	State	Zip	M/D/Y	M/D/Y	
	7.	Do you own any property	outside of Maryla	nd? D	ate of acq	uisition	· · · · ·					
		If yes, for what purpose of	do you hold such p	roper	ty?							
	8.	Are you a citizen of the U	Inited States?									
		If no, type of visa						-				
		Date visa issued					. Expirat	on date of	visa			
	9.	Are you registered to vot a. If yes, in what state/co					Data of ro	alatration				
	10	Do you possess a valid d	· ·			\	. Date of re	yistration_		-		
	10.	a. If yes, in what state w				t	. Date of is	sue				
	11.	Do you own a motor veh										
		a. If yes, registered in wh				t	. Date of re	gistration_			_	
	12.	Do you have the use of a	motor vehicle reg	istered	in anothe	er person	's name?					
		If yes, indicate the name	and relationship of	perso	onn				· · · · ·			
	13.	Have you paid Maryland If no, please state reason		most	recent yea	ar on all e	arned incon	ne including	all taxal	ble income e	earned outside t	he State?
	14.	List actual years and state	in which you have	filed a	tax return	in the last	3 years	ate Country	Tax Year)	(State Count	ry Tax Year) (St.	ate Country Tax Ye
	15.	If employed, is Maryland	income tax being	withhe	eld?							
	16.	Did you give a Maryland	home address on	nost r	ecent fede	eral and s	tate income	tax forms?				
	17.	Do you receive any type	of financial aid (loa	ans, so	holarship	s, grants)	from a state	other than	Marylan	d?		
YES NO	,	If yes, from which state										

Date

Signature

University of Maryland College Park Campus Undergraduate Application for Summer Only

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

Please confine name and addre between name and initial (if use				ary and leave a s	pace	1.	77-		
							US Social	Security Nur	nber
2. Last Name			First	Name			Mid	dle Name	
Last Name							7 1		$\neg \neg$
3.								لـِلـا لـ	_!_!_
Number & S	treet of Present Mail	ing Address			City		State	Zip	Code
					-	-	5.	□ Malo	☐ Fema
County		Co	untry	Are	a Code & Teleph	one Number	J.	Iviale	
•									1
6. Length of time you've occu	ipied the above addi	ess	Y M D Y		Former Nam		7.	M C	
8. Please check the appropria	ate box below	W D	1 101 0 1		ronner Nam	ie		Birth	
White, not of Hispanic C		Asian or P	acıfıc İslander	□ Ar	merican Indian	Γ			Γ
Black, not of Hispanic C	•	Hispanic	acine islander		Alaskan Native	L			
Brack, not or respond to	J. 19.11					R	A GEO	OG CITZ	APPFE
							0 6 8 7	9 9	9 9 9
9. Are you a United States citi	zen? Yes	☐ No If	no. please comp	olete the following	ıg		UGTERM	C	OUST
Country at host		Country of	l activacachia			Tuna at usa			
Country of birth		Country of	citizenship			Type of visa_			
Alien registration number_		Da	te issued		Date	e of expiratio	n		
Please read instructions on	page 8 and check of	ne admission	status						
a high school graduat	te,							3	
b. visitor from another	-							UG TYP	E ENST
C. college university gr									
d. former UMCP stude	-	-				ast semester			
11. Have you previously applied				Yes U					
If yes, which campus?	UMAB U	мвс 🔲 и	MCP U	MES UMI	JC				
Type of program	Term Year App	illed For		Dates of Atte	endance				
Undergraduate _									
Ondergraduate									
Graduate _									
12. List the high school from w	hich you graduated	or expect to gr	aduate Also list	all colleges and	universities prev	ously attend	ed includin	g U of MD	
Failure to list all institutions	s previously attended	may result in	cancellation of	admission and a	iny registration				
Name of Institution	Location City, State		nce Dates and Year		Grad Date			High School	1
Name of mistration	Oity, State	From	Through		Date	1			
	1 1	1	I						
								College Boa	rd Code
Secondary School or GED				Credits		Degr Obtai	ee		
			I	Earned		Obtai	nea		
College/University			+					Previous Ins Code	titution
		1	1 1						
College/University									
		1 1							
				<u></u>	_				
Are you currently attending			Yes] No					
14. Are you in good academic	standing at all previ	ous institutions	yes Yes	☐ No If r	no, please explaii	n			

	PRESIDENTS ONLY	r oligibility for in sta	to status for admiss	cion and tuition number	oses. The University reserves the right to reques
	nformation if necessary.	engionity for in-star	te status for admiss	sion and tuttion purpo	oses. The Oniversity reserves the right to reques
YES NO	. For the most recent 12 months has and	other person(s) prov	ided half or more th	nan haif your support	?
16	. Have you been, or will you be claimed	as a dependent by a	another person(s) o	n federal and/or state	income tax
	returns for any of the following years?	1985? YES 🗆		YES 🗌 NO 🗎	
17	. If the answer to 15 and/or 16 is yes, inc	dicate name of perso	on who has provide	d financial support of	r is claiming you as a dependent.
	Name		Rel	ationship to applican	t
	If you, the applicant,	****IN A	ALL OTHER CASE		
18	. Are you or your spouse a full-time emp If yes, you may omit questions 19-32 F			el office confirming f	uil-time employment. (Dates Occupied)
19	. Current Residence Street Address	Apt. # City	County	State Zi	p M/D/Y M/D/Y
	Street Address	Apr. # Ony	County	State Zi	(Dates Occupied)
20	. Previous Residence				
	Street Address	Apt. # City	County	State Zi	p M/D+Y M/D/Y
21	. Do you own any property outside of M		quisition		
	If yes, for what purpose do you hold so				
□ □ 22	. Are you a citizen of the United States?				
	If no, type of visa Date visa issued			en Registration Numb piration date of visa	
	. Are you registered to vote?			on anon date of visa	
	a. If yes, in what state/country?		b. Date of registra	ation	
24	. Do you possess a valid driver's license		_		
	 a. If yes, in what state was it issued? Do you own a motor vehicle(s)? 		b Date of issue_		
	a. If yes, registered in what state		b. Date(s) of regis	stration	
□ □ 26	. Do you have the use of a motor vehicle	e registered in anoth	· -		
	If yes, indicate name and relationship of		ier person's name		
□ □ 27	. Have you paid Maryland income tax fo		ar on all earned inc	come including all tax	cable income earned outside the State?
ت ب	If no, please state reason				
28	List actual years and state in which you h	nave filed a tax return		State Country Tax Year)	(State Country Tax Year) (State Country Tax Year)
29	. If employed, is Maryland income tax be	eing withheld?			
 30	. Did you give a Maryland home address	on most recent fed	eral and state incor	me tax forms?	
31	. Do you receive any type of financial air	d (loans, scholarship	s, grants) from a st	ate other than Maryla	and?
	If yes, from which state				
YES NO	. Are you or your spouse a full-time mer	nber of the U.S. Arm	ned Forces?		
	Sign		Sign		Sign
	of Maryland College Park Can To be eligible for admission f overall "C" average in acade college or university must b institution to enroll for the st	npus certify that for the summer emic subjects. / e in good stan ummer session	t they meet req session(s), a h Applicants cur nding at that in	uirements for ac nigh school grac rently attending nstitution and f	n colleges other than the University dmission for the summer session(s). duate must have graduated with an g (or attended in the past) another have the permission of the parent
0.	understand that inaccurate or	false informati	on will result in	my dismissal fro	n recorded on this form is correct. I om the University. I also understand College Park Campus for the fall or
Sign	Signature of Applicant				Date
'	RES. DEC. CODI	E DATE E	VAL DATE LT	SENT	

Schedule Request Form

CITY - STATE - ZIP

Summer Session I —Only—1987

This form should be used for the First Summer Session only. Mail-in registration requests must be postmarked by May 15, 1987. 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 1987 YES ____ NO ___ ADVISOR'S STAMP AND SIGNATURE IF NO Please read Admission Information in this catalog DAY PHONE NO TODAY'S DATE MANDATORY FOR STUDENTS ON ACADEMIC WARNING OR DISMISSAL STUDENT'S SIGNATURE (9-5)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. **EXAMPLE ALTERNATE** COURSE INFORMATION SECTION GRADING METHODS ARE: - Regular P -- Pass/Fail 0 1 0 2 R М 3 A - Audit s - Satisfactory Fail COURSE PREFIX COURSE NO COURSE 1 **ALTERNATE** DEPARTMENT STAMP COURSE INFORMATION SECTION MANDATORY FOR COURSES NOTED: BY PERMISSION ONLY 0 1 COURSE PREFIX SUFFIX SECTION NO **ALTERNATE** DEPARTMENT STAMP COURSE 2 COURSE INFORMATION SECTION MANDATORY FOR COURSES NOTED: BY PERMISSION ONLY 1 0 1 COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT COURSE 3 ALTERNATE DEPARTMENT STAMP MANDATORY FOR COURSES NOTEO: **COURSE INFORMATION** SECTION BY PERMISSION ONLY 0 0 1 1 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. FOR OFFICE USE ONLY SOCIAL SECURITY NO. 0 0 1 COURSE PREFIX COURSE NO SECTION NO CREDI ALTERNATE 0 1 0 COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT ALTERNATE SECTION 0 1 0 1 COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT THIS MUST BE COMPLETED BY ALL STUDENTS. SOCIAL SECURITY NUMBER CHECK IF THIS IS A NEW ADDRESS NAME Students who register and later decide not to attend Summer School at the University must cancel their registration prior to the first S ADDRESS day of class. Failure to cancel a registration will result in financial obligation even though

the student does not attend class

Estimated Billing Form

1987 SUMMER SESSION I ONLY

ESTIMATED BILLING FORM INSTRUCTIONS:

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

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

٢		ESTIMATED BILL FORM									AMOUNT		
t	Undergraduate					CREDIT	HOURS						
1	Students	1	2	3	4	5	6	7	8	9	10		
t	Tuition	84	168	252	336	420	504	588	672	756	840	\$ 	
ľ	Non-Resident Under	Non-Resident Ordergraduate Fee (nat lee, not per cr. hit)							\$20.00	 			
Γ	Graduate					CREDIT	HOURS						
١	Students	1	2	3	4	5	6	7	8			 	
Ţ	Resident Tuition	99	198	297	396	495	594	693	792			\$ 	
	Non-Resident Tuition	176	352	528	704	880	1056	1232	1408			\$ 	
Ì	Manda	tory Fees			Re	gistration	Fee				\$ 5	\$ 	00
Į		Students			Re	Recreation Fee \$ 6						\$ 	00
١					He	Health Fee \$ 5						\$ 	00
١					Au	uxiliary Facilities Fee \$ 6						\$ 6	00
Ì	On-0	Campus H	lousing			Six Weeks \$368.64					368.64	\$	
l	/ ai	ttach Res	idence v)		Wks ## \$61.44 wk (must be at least 6 wk period)					\$ 		
ţ	Vehicle Registration	Fee									\$ 4	\$ 	
Ì				Each	Addition	al Vehic	le				\$10	\$ 	
١	Application Fee for N	lew Stude	ents (non	-retundab	le)						\$20	\$ 	<u> </u>
										TOTA	L BILL	\$	

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

One check may be used to pay for both summer sessions. Add the. Total Bill' from both estimated bill forms to determine the total amount of your check NOTE. Fees listed are subject to change at any time without advance notice

PLEASE NOTE: At press time, credit cards not yet approved. CHECK AT 454-312t BEFORE USING. Registration will not be valid without proper payment.

All tuition and fees subject to adjustment

If you wish to use your credit card, check one and fill in: GHOICE MasterCard VISA
Customer Account Number
Effective Date Expiration Date

Schedule Request Form

Summer Session II —Only—1987

This form should be used for the Second Summer Session only. Mail-in registration requests must be postmarked by July 1, 1987. 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 Univers	ity of Maryland College ADVISOR'S STAMP
Park day campus SPRING 1987 Y IF NO Please read Admission Infor	ES NO AND CICNATURE
STUDENT'S SIGN/	MANDATORY FOR STUDENTS ON ACADEMIC WARNING OR DISMISSAL
COURSE REQUEST: Complete this part with information found in the Schedul for information on determining the session of a course. IF MAILING REQUE	
COURSE INFORMATION EXAMPLE	ALTERNATE SECTION GRADING METHODS ARE:
MATH 110 O 201 O 3 COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT	R — Regular P — Pass/Fail A — Audit S — Satisfactory Fail
COURSE 1 COURSE INFORMATION	ALTERNATE DEPARTMENT STAMP SECTION Grading MANDATORY FOR COURSES NOTED:
COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT	0 2 BY PERMISSION ONLY
COURSE INFORMATION COURSE 2	ALTERNATE DEPARTMENT STAMP SECTION Grading MANOATORY FOR COURSES NOTED:
COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT	BY PERMISSION ONLY
COURSE INFORMATION COURSE 3 COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT	ALTERNATE SECTION Grading Method MANDATORY FOR COURSES NOTED: 0 2
ALL STUDENTS COMPLETE THIS SECTION: In the space below list the course(s action taken for each course in the space on the right marked "For Office Use (without a Registration Stamp was not received for the reason indicated to the rig by the Registrations Office after payment is made. It is your proof of registrat	Only," and will return this part of the form to you. Any course ht of the course. <i>The lower part of this form must be validated</i> ion.
SOCIAL SECURITY NO.	FOR OFFICE USE ONLY
COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT	O 2 ALTERNATE
COURSE PREFIX COURSE NO SUFFIX SECTION NO CREDIT	O 2 ASECTION ASSECTION ASS
COURSE PREFIX COURSE NO. SUFFIX SECTIONNO. CREDIT	O 2 ATERNATE SECTION
THIS MUST BE COMPLETED BY ALL STUDENTS. □ CHECK IF THIS IS A NEW ADDRESS	SOCIAL SECURITY NUMBER
NAME	Students who register and later decide not to attend Summer School at the University must cancel their registration prior to the first
ADDRESS	day of class. Failure to cancel a registration will result in financial obligation even though

Estimated Billing Form

ESTIMATED BILLING FORM INSTRUCTIONS:

- 1 Add the number of credit hours on the Schedule Request Form. Only courses listed on that page should be included in this total.
- 2. Locate your status (undergraduate, graduate resident, graduate non-resident) on lines 1–4 above (Please note A Graduate Student is one who has been admitted to the Graduate School either at the University of Maryland or another institution. Students who have graduated from this or another institution are not considered graduate students until they have been admitted to the Graduate School. Any student not admitted to the Graduate School is classified as an Undergraduate. If you have any questions on this or your residence status, please call the Undergraduate Admissions Office. 454-4137 or the Graduate Records Office. 454-5428. The University reserves the right to make the linal 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 fution
- Enter the cost in the amount column on the right. If you are an Undergraduate Non-resident, enter the \$20.00 Non-resident Fee (line 2) in the amount column.
- 5 Line 5 lists mandatory fees charged to every student each summer session. The fees are therefore entered in the amount column for you
- 6. If you are requesting On-Campus Housing, enter the appropriate amount for 6 weeks on line 6 in the amount column. If your course schedule requires other than 6 weeks residence, enter the number of weeks, calculate the amount and enter it in the amount column of line 7. Attach the Residence Halls Agreement tear-off portion to the Schedule Request and Estimated Bill Form.
- 7. If you wish to register a car for the summer, enter \$4 on line 8 Parking stickers must be picked up at the Motor Vehicle Administration Office on the campus Note: UM students' stickers assigned the previous Fall semester are valid through August
- 8. If this form is accompanied by an Application, you must also pay an Application Fee. If this pertains to you, enter the appropriate amount on line 9
- Note: only one Application for Admission and one Application Fee is required for both summer sessions

 7 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
- 9 To determine the althority out we the University and increase an increase of the University of Maryland. Write Student Social Security Number on face of check. You will be notified of any bill adjustments that are necessary. Payment must accompany the Estimated Bill Form.
- 10 Students entitled to credit on their bills (contract, scholarships, etc.) must attach a purchase order from the agency paying their fees and or certifying documentation for the scholarship credit
- 11. MONIES OWED THE UNIVERSITY WILL BE DEDUCTED FROM CHECKS RECEIVED PRIOR TO APPLICATION OF THE REMAINDER TO SUMMER SCHOOL TUITION CHARGES INCURRED DURING THE SUMMER ARE PAYABLE IMMEDIATELY
- 12 Enclose the Schedule Request and Estimated Bill Form (and if applicable application and housing request) along with your check in the return envelope provided herein, or use the following address

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

			1	ESTIMA	TED BIL	L FORM	•					AMOUNT	
Linda	ergraduale	Ţ				CREDIT	HOURS						
	Students	1	2	3	4	5	6	7	8	9	10	 	
. 1	Fuition	84	168	252	336	420	504	588	672	756	840	\$ 	
Non-Re	esident Underg	graduate	Fee (flat	fee, not	per cr. hr	.)					\$20.00	\$	
G	raduate				(CREDIT	HOURS						
	tudents	1	2	3	4	5	6	7	8			 	
Resid	lent Tuition	99	198	297	396	495	594	693	792			\$ 	
	-Resident Tuition	176	352	528	704	880	1056	1232	1408	_		\$ 	
	Mandat	tory Fees			Reg	Registration Fee \$ 5						\$ 5	00
1		Students			Red	Recreation Fee \$ 6						\$ 6	00
1					Hea	Health Fee \$ 5						\$ 5	00
i				_	Aux	Auxiliary Facilities Fee \$ 6					\$ 6	\$ 6	00
	On-C	ampus H	lousing			Six	Weeks				368.64	\$ 	
:		tach Resi Agreeme)		Wks @ \$61.44 wk (must be at least 6 wk period)					1.44 wk	\$ 	
. Vehicle	Registration F	ee									\$ 4	\$ 	
	•			Each	Addition	al Vehic	le				\$10	\$	
. Applica	ation Fee for N	ew Stude	nts (non-	refundab	le)						\$20	\$ 	
										TOTA	L BILL	\$	

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

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

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

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

All tuition and fees subject to adjustment

If you wish to use	your credit card, check one and fill in: MasterCard VISA VISA				
C	ustomer Account Number				
Effective Date Expiration Date					

How To Reserve On-Campus Summer Housing

STUDY the terms and conditions under which housing is offered. These are in the Summer Residence Halls Agreement below and on the reverse.

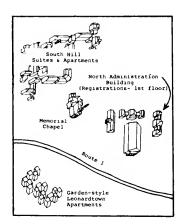
COMPLETE the Agreement form on the reverse and sign your name. Use this form only if your summer enrollment is at the College Park Campus (not University College).

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

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

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

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



SUMMER RESIDENCE HALLS AGREEMENT

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

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

ELIGIBILITY Individuals must be properly registered for Summer Sessions coursework at the College Park Campus in order to be assigned and be eligible for the Summer Sessions housing fee of \$368 64 for each six-week session. Proof of payment, financial eligibility and proper registration may be required before Resident Life will confirm services at the stated fee and/or permit occupacy. No provisions are made for spouses or family members.

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

OCCUPANCY PERIODS: Housing may be requested for Session 1 only, Session II only, or for both Sessions 1 and II. In general, summer occupancy is scheduled from May 31, 1987 to August 1, 1987 for Sessions 1 and II registrants; from May 31, 1987 to July 10, 1987 for Session I only registrants and from July 12, 1987 to August 21, 1987 for Session II only registrants

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

As individual who has this Agreement confirmed by Resident Life will be assigned to and is obligated to accept a building and room designated by Revident Life. Available accommodations normally are in apariments (include kitchens and dining area) and suites (no kitchens, no cooking permitted). Both apariments and suites are fully furnished, and have carpeting, shared living room area. 1-2 baths, and single and/or double bedrooms. Individuals assigned to suites must maintain an approved meal program, as determined by the Department of Dnining 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 signed and completed Agreements received by Resident Life by May I will be submitted to a lottery drawing. The lottery will determine priority for building and room types.

Agreements received after May 1 will be considered on a first-come, first-served basis for existing vacancies

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

LABILITY. The University cannot and does not assume responsibility for personal accident, injury, or illness sustained by residents, guests or systems on to the damage, theft, or loss of the personal property. The resident releases the University its officers, agents and employes from any liability on account of any accident injury, illne properly damage, theft, or loss. The University recommends an insurance carrier of the indivision?'s choice to assure protection against such harm or loss.

UNIVERSITY SERVICES: SPACE, UTILITIES, HOUSEKEEPING, FURNISHINGS AND REPAIRS THA Agreement, when confirmed by the University, permits the individual to use REPAIRS THA Agreement, when confirmed by the University will endeavor to provide the residence hall facilities and receive services. Although the University will endeavor to provide the order of a University/civil authority, a limited or restricted control or availability of resources as determined by the University, maintenance activates, or any condition other than these that is reasonably beyond administrative control. Services are provided in accordance with standards and the substitution of the University; that services will be available and uninterrupted and that any disruption of services vital to the health and safety of residence will be restored within a reasonable time.

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

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

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

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

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

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

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

The resident assumes responsibility for the appropriate use of safety and security hardware within the assigned space and huilding and will immediately report loss of assigned key(s). CONDICCT The resident shall behave in a manner which facilitates a quiet, safe and secure

residence hall environment conductive to the pursuit of academic goals.

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

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

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

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

USE OF ASSIGNED SPACE The resident agrees (a) to live only in the space 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 the Department of Resident Life

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

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

SUMMER 1987 RESIDENCE HALLS AGREEMENT □ Female LAST NAME, FIRST, MI Social Security No. Requested HOME PHONE HOME STREET, NUMBER CITY STATE 71P I understand that I am obligated to accept coeducational summer housing upon Resident DATES OF OCCUPANCY/PAYMENT ASSIGNMENT PREFERENCES — must be ranked 1, 2, 3 Life's receipt of this Agreement form, I have read, understand and agree to abide by all terms Garden-style apartment with kitchen (Leonardtown complex) Session I only, May 31-July 10 and conditions of residence halls occupancy Approx. 40% of all available spaces \$368.64 housing fee enclosed stated in the Residence Halls Agreement pub-Kitchenless suite in South Hill building (renovated 1984) Approx. Session II only, July 12-Aug. 21 lished in the Summer Sessions Catalog 35% of all spaces. No cooking; must purchase meal program (e.g., \$368.64 housing fee enclosed D.S. Cash minimum of \$150.00 per 6-week session) Sessions I and II South Hill apartment with kitchen (renovated 1984) Approx. 25% of STUDENT SIGNATURE \$737.28 housing fee enclosed AGE all available spaces Eight-week course: May 31-July 24 DO YOU DO YOU OBJECT TO A \$491.50 housing fee enclosed yes no ☐ yes DATE SMOKE? ROOMMATE WHO SMOKES? NOTE: If course lasts fewer than 6 weeks, contact Resident Life 301-454-5909 or room 3117 North DO YOU LIVE IN UMCP CAMPUS HOUSING NOW? Administration Building to make special housing □ no PARENT SIGNATURE (if student under 18 yrs) arrangements yes yes building & room # FOR OFFICE USE

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

Additional \$61.44 enclosed solely by current on-campus resident in

to "interim housing" procedure.

order to request campus housing from end of finels in Mey to stert of

Summer Session I, subject to Resident Life approvel and according

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

GUESTS A guest may stay in the assigned space only with the concurrence of the roommaters) and for no more than three consecutive rights. Resident Life may movike inhuistions of the guest privileges. Guest(s) must abude by established. University Resident Life regulations

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

ROOM ENTRY, INSPECTION, AND PROPERTY REMOVAL. The University reserves the influence of the control of the purposes of (a) improvements, (b) maintenance, (c) recovery of University/Stein owned property which is not authorized for use in the assigned space, (d) tire and safety inspection, and (e) detons necessary to insure the safety, health and general welfare of the resident profitors and/or the protection of University or student property.

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

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

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

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

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

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

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

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

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

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

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

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

When a convened "Review of Housing Status" determines that the individual has committed a breach of residence hall rules and regulations. In such cases, continued access to any University residence hall may be defined.

DT RECD:

DTE CONF:

ASSIGN BY/TO:

- When facilities are found to be madequate in number or physical condition
- When an individual has failed to properly execute or complete all terms and conditions of a Residence Halls Agreement 1986-1987, or had such Agreement terminated for disciplinary/behavioral reasons
- When an individual (1) fails to properly check in to the assigned space (i.e., no-show) or (2) fails to notify Resident Life of delaced arrival by (2) noon of the first class day, or within 72 hours after receipt of the assignment if the assignment is made after classes hoom.

CONFIRMATION OF GREENENT The individual and parent or guardam it student is under this unit sign and submit the Numero Revolutive Holls Vereinment time without alteration. This Agricinent shall not be accepted by the University not does the student have permission to reside in a University residence hall until the applicant has been provided with a continuation of residence hall services and or other notification that an assignment has been made.

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

Notice for Session I by	Amount	Notice for Session II by	Amount
May 11	\$0.00	June 22	80.00
May 12-18	\$61 44	June 23-29	561.44
May 19-25	\$122.88	June 30-July 6	8122.88
May 26-June 1	\$184.31	July 7-13	8184.31
No-show/No notice	\$184.31	No-show/No Notice	8184.31
to Resident Life		to Resident Life	
has been a		No. Bully 3.3	

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

CANCELLATION NOTICE	AMOUNT OF RELEASE
REC D BY RESIDENT LIFE	CHARGE
More than three weeks	
before actual departure	SUUII
Iwo to three weeks	
before actual departure	\$61.44
One to two weeks	
before actual departure	\$122.88
Less than one week	****
before actual departme	\$184.31

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

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

COURSE SECTIONS: 01xx, SESSION I	ONLY; 02xx, SESSION II ONLY. 33
ARTS cont.	BCHM cont.
ARTS 386 Field Work 1–3 credits; Grading Method. REG P-F AUD Independent study course. Contact department to make arrangements.	BCHM 899 Doctorel Dissertetion Research 1—8 credits; Grading Method: REG 0101 Time Arranged Staff
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	0201 Time Arranged Room Arranged Staff
ARTS 387 Field Work Analysis 1–3 credits, Grading Method REG P-F AUD Contact department to make arrangements	
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	BMGT
ARTS 418 Drawing 3 credits, Grading Method: REGP-F-AUD 0101 MTUVHThE 11-00am-1-30pm Bldg ASY, Room 2317 (LAB) Pogue, S 0201 MTUVHThE 11-00am-1-30pm Bldg ASY, Room 2317 (LAB) Morrison, K	BUSINESS AND MANAGEMENT (BUSINESS AND MANAGEMENT) BMGT 110 Introduction to Business and Management 3 credits; Grading Method. REGIP-FAUD
ARTS 428 Painting 3 credits; Grading Method: REGIP-F AUD	10101 MTuWTh 8 00am-9 20am Bldg LEF, Room 2166 Staff 0102 MW 7 00pm-10 00pm Bldg TYD, Room 0117 Staff
Repeatable up to 12 credits O101 MTuWThF 6.30pm-9.00pm Bldg ASY, Room 2317 (LAB) Niese, H O201 MTuWThF 6.30pm-9.00pm Bldg ASY, Room 2317 (LAB) Klank R	0201 MTuWThF 9 30am-10 50am Bldg TYD, Room 1140 Staff A survey of the field of husiness, including its environment, organization, overall and functional
ARTS 498 Directed Studies in Studio Art 2-3 credits; Grading Method REG'P-F AUD	management, and current issues and developments BMGT 220 Principles of Accounting L3 credits: Gradian Mathod: REG
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	0101 M1uW1hF 12:30pm
ARTS 598 Directed Graduate Studies in Studio Art 3 credits, Grading Method REG AUD 1010 Time Arranged Room Arranged Staff ROOM Arranged Staff	0201 MTUWThF 9 30am 10 50am Bldg TYD, Room 0101 Loeb, M
ARTS 798 Directed Graduate Studies in Studio Art 3 credits; Grading Method REG AUD	0202 TuTh 7 00pm-10 00pm Bldg TYD, Room 0111 Staff Prerequisite Sophomore standing Study of the basic principles of accounting for business entermises
0201 Time Arranged Room Arranged Staff	BMGT 221 Principles of Accounting II 3 credits Grading Method, REG
ARTS 799 Meater's Thesis Research 1-6 credits. Grading Method. REG 0101 Time Arranged Room Arranged Staff 0201 Time Arranged Staff Room Arranged Staff Staff	0102 MTuWThF 9 30am—10.50am Bldg TYD, Room 2106 Schick, A 0103 TuTh 7 00pm—10.00pm Bldg TYD, Room 2108 Staff
V201 Tillio Andriged Sign	0201 MTuWThF 2 00pm-3 20pm Bldg TYD, Room 2106 Aharony, J 0202 MW 7 00pm-10 00pm Bldg TYD, Room 2106 Staff
ACTD	Prerequisite BMGT 220 Continuation of BMGT 220 BMGT 230 Business Statistics 3 credits, Grading Method. REG
ASTR (COMP, MATH, AND PHYS SCI)	0101 MTuWThF 11 00am-12 20pm Bldg TYD, Room 0102 Widhelm, W
ASTR 100 Introduction to Astronomy 3 credits: Grading Method REG/P-F AUD	103 MW 7 00pm-1000pm Bldg TVD, Room 0102 Staff S
ASTR 100 Introduction to Astronomy 3 credits Grading Method REGP-FAUD Course meets University Studies Program Distributive Studies non-lab science and mathematics requirement. If ASTR 110 or 111 are taken at the same or at a later time, the	Prerequise MATH 250 or consent of instructor fundations or probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of
combination may be counted as lab science requirement	discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression, and the application of these concepts to problem
An elementary course in descriptive astronomy, especially appropriate for non-science students. Sun, moon, planets, stars and nebulae, galaxies, evolution. Credit for ASTR 100 cannot be obtained after.	solving in business and management. This course may not be taken for credit by management science and staristics majors. Only one of the following courses: may be taken for credit. BMGT 230, 231, SOCY 201, PSYC 200, GEOG 305, ECON 221, or EDMS 451.
or simultaneously with, receiving credit for any astronomy course numbered 150 or higher ASTR 110 Astronomy Laboratory 1 credit Grading Method. REG.P.F.41/D.	BMGT 231 Statistical Models For Buelness 3 credits, Grading Method: REG
0101 TuTh 1:00pm-3:00pm Bidg CSS, Room 1109 (LAB) Staff 0201 TuTh 1:00pm-3:00pm Bidg CSS, Room 1109 (LAB) Staff	BMGT 231 Statistical Models For Business 3 credits, Grading Method: REG 0101 TuTh 12 30pm-3 30pm Biolog TVD, Room 1108 Assad, A Prerquentic MATH 141 or consent of instructor For imanagement science and statistics majors. An
Prerequisite previous or concurrent enrollment in ASTR 100. Exercises include use of photographs of moon, stars, nebulae and galaxies and spectra, experiments demonstrating scientific concepts used	rerequine and risk to consent or instructor for management science and statistic majors. An introductory course in statistical concepts including probability from a native 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 applications.
in astronomy Daytime and nightime observations if weather permits. Appropriate for non-science majors.	of these concepts to estimation hypothesis testing are included as are brief surveys of the regression and anova models. Only one of the following courses may be taken for credit. 8MGT 230, 231,
ASTH 288 Special Projects in Astronomy 1-3 credits Grading Method: REG P-F AUD Permission of department required	SOCY 201, PSYC 200, GEOG 305, ECON 421, or EDMS 451 BMGT 301 Introduction to Data Processing 3 credits: Grading Method REG
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	0101 MTuWThF 11.00am-12.20pm Bldg TYD, Room 0111 Staff 0102 MTuWThF 12:30pm-150pm Bldg TYD, Room 0111 Staff
ASTR 330 Solar-System Astronomy 3 credits, Grading Method REG P-F AUD Meats USP Advanced Studies Development of Knowledge requirement 0101 MTuWThF 12 30pm—1 50pm Bildg CSS, Room 1113 Staff	0103 TuTh 4 00pm-7 00pm Bldg TYD, Room 0102 Staff 0104 TuTh 7 00pm-10 00pm Bldg TYD, Room 0102 Staff
Prerequisite ASTR 100 and completion of University Studies requirement in the natural science, or consent of instructor Designed primarily for non-physical-science majors. The structure of planets	0201 MTuWThF 8 00am-9 20am Bldg TYD, Room 0111 Staff 0202 MTuWThF 9 30am-10 50am Bldg TYD, Room 0102 Staff 0203 MW 7 00om-10 00am Bldd TYD, Room 0111 Staff
and of their atmospheres the nature of comets asternods and satellites. Comparison of various theories for the origin of the solar system. Emphasis on a description of recent data and	0203 MW 700pm-10:00pm Bldg, TVD, Room 0111 Staff The fundamentals of husiness data processing. Organizational, environmental and managerial aspects of computer systems. Heavy emphasis on COBOL language. Limited coverage of other business.
ASTR 380 Life in the Universe 3 credits, Grading Method: REG P-F AUD	computing languages including the report generator (RPG) language. Several programming projects
Meets USP Advanced Studies Development of Knowledge requirement Prerequisite ASTR 100.	BMGT 302 Information Systems Implementation Techniques 3 credits, Grading Method: REG 0101 MTUVTIN 9 03am-10 50am Blog ASY, Room 3221 Slaff 1221 MW 4 00pm-7 00pm Blog TVD, Room 1108 Staff
0201 MTuWThF 12:30pm—1:50pm Bldg CSS, Room 1113 Matthews T Prerequisite ASTR I/O and completion of University Studies requirement in the natural science, or	
consent of instructor. Designed primarily for non-physical science majors. Study of the astronomical perspective on the conditions for the origin and existence of life. Communication with extratorrestrial life.	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
ASTR 498 Special Problems in Astronomy 1–6 credits Grading Method REG P-F AUD Permission of department required	software projects including project management, software design, engineering and software documentation. Several programming projects assigned.
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	BMGT 310 Intermediate Accounting I 3 credits; Grading Method. REG
ASTR 699 Special Problems in Advanced Astronomy 1—6 credits; Grading Method REG AUD 0101 Time Arranged Room Arranged Staff	0103 MW 7 00pm-10.00pm Bldg TYD, Room 2108 Staft 0201 MTuWThF 8 00am-9 20am Bldg TYD, Room 0117 Huss, H
0201 Time Arranged Room Arranged Staff ASTR 799 Master's Thesis Research 1–6 credits Grading Method REG	Prerequisite 8MGT 221 Comprehensive analysis of financial accounting topics related to financial statement preparation and external reporting
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	BMGT 311 Intermediate Accounting II 3 credits, Grading Method, REG 0101 MTuWThF 2 00pm-3 20pm Bldg TYD, Room 1132 Stark, A
ASTR 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG 0101 Time Arranged Staff	0102 MW 7 00pm-10 00pm Bldg TVD, Room 0111 Stark, A 0201 MTuWThF 2 00pm-3 20pm Bldg TVD, Room 0111 Staff Prorequisite BMGT 310 Continuation of BMGT 310
0201 Time Arranged Room Arranged Staff	BMGT 321 Coet Accounting 3 credits, Grading Method REG a101 MTuWThF 9 30am-10:50am Bldg ZOP, Room 1124 Bedingfield, J
DOLLER	0102 TuTh 7 00pm-10 00pm Bldg TYD, Room 1102 Bedingfield, J Prerequisite BMGT 221 A study of the basic concepts of product costing and cost analysis for
BCHM	management planning and control. Emphasis is placed on the role of the accountant in organizational management, analysis of cost behavior, standard cost, budgeting, responsibility accounting and
BIOCHEMISTRY (LIFE SCIENCES) BCHM 261 Elements of Blochemistry 3 credits, Grading Method REG P-F:AUD	BMGT 323 Income Tax Accounting 3 credits, Grading Method. REG
0101 MTuWThF 9 30am-10.50am Bldg CHM Room 1402 Staff Prerequisite CHEM 104 or 233 or 235 For undergraduate students who desire a one-semester	0101 MTuWThF 11 00am-12 20pm Bldg LEF, Room 1221 Staff 0201 MTuWThF 9:30am-10 50am Bldg, TYD, Room 1102 Staff
biochemistry course rather than a two-semester sequence. Basic chemistry and metabolism of most inolecules of hiologocal importance. Not open to students with credit in BCHM 461.	Prerequisite. BMGT 221 Introduction to lederal income taxation of individuals. Examination of tax laws by use of illustrative examples and problems. BMGT 236. Accounting Systems 2, counting Control Method: BEG.
BCHM 461 Biochemiatry 1.3 credits, Grading Method REG.P.F AUD 0101 MTuWThF 9.30am-10.50am Bldg CLB, Room 0111 Staff	BMGT 326 Accounting Systems 3 credits Grading Method: REG 0101 MTuWThF 9 30am-10 50am Bldg LEF, Room 1222 Zieha, E 0102 TuTh 7 00pm-10 00pm Bldg TYD, Room 1114 Zieha, E
Prerequisites: CHEM 243 or 245, or permission of instructor. A comprehensive introduction to general buckernistry. The chemistry and metabolism of carbohydrates, lipids, nucleic acids, and profess.	Prerequivates BMGT 221, BMGT 301, and BMGT 321. A study of the control aspects of accounting systems. Topics include standard setting, administrative, operational, and security
proteins. BCHM 462 Blochemistry II 3 credits, Grading Method: REG.P-F AUD 1201 MTWThE 9 30am 10 50am 1211 Staff	controls, cost effectiveness of systems, audit implications of a computer-based information environment. Not open to students with credit in BMGT 320.
0201 MTuWThF 9 30am-10 50am Bldg CLB, Room 0111 Staff Percequisite, BCHM 461 A continuation of BCHM 461 BCHM 699 Special Problems In Blochemistry 1–6 credits, Grading Method REG AUD	BMGT 332 Operations Research For Management Decisions 3 credits; Grading Method: REG 0101 MW 12 30pm-3 30pm Bldg TYD, Room 1128 Golden B
0101 Time Arranged Room Arranged Staff O201 Time Arranged Room Arranged Staff	Prerequisite MATH 220, BMGT 230 Surveys the philosophy, techniques, and applications of
BCHM 799 Meater's Thesis Research 1-6 credits, Grading Method, REG	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, transponation and assignment models, Markov processes, inventory and queueing models. Emphasis
0101 Time Arranged Room Årranged Staff 0201 Time Arranged Staff	is placed on formulating and solving decision problems in the functional areas of management

BMGT cont

-				
BMC	T 34	10 Business Finance 3 credits, Gradit	ng Method REG	
0	01	MTuWThF 9:30am-10:50am	Bldg TYD, Room 1132	Eun. C
	02	MTuWThF 11:00am-12:20pm	Bldg TYD, Room 1140	Eun, C
	03	MW 7:00pm-10.00pm	8ldg TYD, Room 1101	Staff
	201	MW 7:00pm-10:00pm	Bldg TYD, Room 1114	Staff
02	202	TuTh 7 00pm-10 00pm	Bldg. TYD, Room 1114	Staff
02	103	MTuWThF 9.30am-10.50am	Bidg TYD, Room 2106	Staff
		Prerequisites BMGT 221 and 230	The proposales and practices	

financing, and rehabilitation of business enterprises; the various types of securities and their use in raising funds, apportioning 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:	Gradino	Method	REG	
0101 A	ATWACTHE 11:00	0.00	lom.		DYD.	

0101	MTuWThF 11:00am-12:20pm	8idg, TYD, Room 1132	Chen, S
0102	TuTh 7.00pm-10.00pm	Bldg TYD, Room 0101	Staff
0201	TuTh 7:00pm-10.00pm	Bidg. ARC, Room 1105	Staff
		Diog. Airto, Hadili 1103	Olan

8MGT 340 An introduction to financial investments. Topics include securities and securities markets, investment risks, returns, and constraints, portfolio policies, and institutional

BN	IGT 35	0 Marketing Principles and O	rganization 3 credits: Gi	rading Method: P	REG.
	0101	MTuWThF 9 30am-10:50am	Bldg TYD, R	oom 1102	Staff
	0102	MTuWThF 11:00am-12 20pm	Bldg TYD, R	oom 1101	Staff
		MW 6 30pm-9.30pm	Bidg TYD R	oom 1118	Staff
	0201	MTuWThF 9:30am-10:50am	8ldg, TYD, Re	oom 2108	Staff
	0202	MW 6.30pm-9.30pm	Bldg TYD, Re	oom 2109	Staff

Prerequistie ECON 203 or 205. This is 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 agricultural products, natural products, services and manufactured. points

BMGT 354
 Promotion Management 3 credits: Grading Method: REG

 IuWThF 11:00am-12:20pm
 Bldg. TYD, Room 2102

 Th 7 00pm-10:00pm
 Bldg TVD, Room 2110

 IuWThF 12:30pm-1:50pm
 Bldg. TVD, Room 1140
 0101 MTuWThF 11:00am—12:20pm TuTh 7:00pm—10:00pm MTuWThF 12:30pm—1:50pm Staff

109V1III 1230pm-130pm 1909 mg, 1909, 1907, HOm 1140 State promotions, 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 (Not open for credit to students with credit for 8MGT 452.)

BMGT 360 Personnel Management 3 credits: Grading Method: REG TuTh 8:00am-11:00am 0102

JTH 8 (Jam—11 (Jöäm—11 (Jöäm—17) (Jö TuTh 11:30am-2:30pm TuTh 3:00pm-6:00pm

management and unitousm on those transmissions.

In Labor Relations 3 credits, Grading Method REG
MTUWTHF 11:00am-12:20pm Bldg ASY, Room 32:19* Levine, M
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, colicieity barganning, trade agreements,
sinkes, boycotts, lockouts, company unions, employer representation, and injunctions

sinkes, boycotts, teckwist, company unions, employee representation, and injust.

4 Management and Organization Theory 3 creasis: Garding Method REG
MTWWThF 9.30am-10.50am
Bldg ASY, Room 3219
CTuTh 7.00pm-10.00pm
Bldg AFC, Room 1105
CTuTh 7.00pm-10.00pm
Bldg TVD, Room 1116
Stuty 1000-1000pm
Bldg TVD, Room 1106
KMTWWThF 1.00pm
Bldg TVD, Room 1010
KMTWWThF 1.00pm-10.00pm
Bldg TVD, Room 0101
TuTh 7.00pm-10.00pm
Bldg TVD, Room 0101
TuTh 7.00pm-10.00pm
Bldg TVD, Room 0101
The development of management and crossizations theory, nature of the main 0101 Carroll Jr. S Carroll Jr. S Bartol, K 0103 0201 Kovach, K Kovach, K

TUTN 7.00pm 100 opm 10

BMGT 370 Principles of Transportation 3 credits, Grading Method REG
0101 TuTh 7 00pm-10:00pm Bidg TVD, Room 1132 Staff
0201 MTUVThF 11:00am-12:20pm Bidg TVD, Room 1010 Staff
Percquisite, ECON 201 ur 205. A general course covering the five fields of transportation, their development, service, and regulations

72 Traffic and Physical Distribution Management 3 credits, Grading Method, REG
MTWITHE 9 30am-10:50am
Bidg, TVD, Room 2110
Staff
Percequiste Junos standing Examines the management aspects of the bissures firm in moving their
raw materials and finished goods through traffic, warehousing, industrial packaging, materials
handling, and inventory A systematic examination of the trade-off possibilities and management
alternatives to materiaire cost of product flow and maximizing customer service is provided. (Not
occur to strictions, such cercit for RMGT 371)

open to students with credit for BMGT 371)

BMGT 380 Business Law 13 areals: Grading Method: REG
0101 MTUNThE 9.30am-10.50am
0102 MTUNThE 11.00am-12.20pm Bidg LEF. Room 1201 Dawson, T
0102 MTUNThE 11.00am-12.20pm Bidg LEF. Room 1201 Dawson, T
0103 TuTh 7.00pm-10.00pm Bidg LEF. Room 1101 Dawson, T
0201 MTUNTHE 11.00am-12.20pm Bidg TVD. Room 0117
0201 MTUNTHE 8.00am-9.20am
0201 MTUNTHE 8.00am-9.20am Bidg, TVD. Room 2108
031 Staff
031 Staff
032 Staff
033 Staff
033 Staff
034 Staff
035 Staf

BMGT 381 Business Law II 3 credits. Grading Method REG MW 7 00pm-10 00pm

No Commercial Developers, Cordung Memor Piece Biog TVD, Room 2106 Staff breedings and Commercial Dept. Staff breedings and Commercial Dept. Secured was accommended apper, secured was accommended apper, secured was accommended apper, secured was accommended by the Commercial Dept. Secured was accommended and decuments of tatle. The law of partnerships and compensations. Recognization and Inquisition under the band rapper laws. The law of real propry, landford and tenant relationships and docedants' extates.

BMGT 386 Field Work 1-3 credits, Grading Method. REG Permission of department required

Time Arranged Room Arranged Room Arranged Staff Time Arranged BMGT 387 Field Work Analysis 1-3 credits, Grading Method REG

Permission of department required. Time Arranged Time Arranged Room Arranged

Room Arranged BMGT 398 Individual Study in Business and Management 1-3 credits, Grading Method, REG
Permission of department required
Room Arranged Staff

Time Arranged Room Arranged **BMGT 417** 0201

A dvanced Tax Accounting 3 credits, Grading Method. REG
MTuWThF 11:00am-12:20pm Bidg TYO, Room 1101
Staff
Percepusites: BMGT 311 and 323 Federal avation of exporations, partnerships, fiduciones, and
gratinitous transfers. Tools and techniques of tax research for compliance and planning.

BMGT 422 Auditing Theory and Practice 3 credits Grating Method REG
0101 MTuVThF 12 30pm-150pm Bigg TVD. Room 1118 Staff
0102 MV 70pm-100pm Bigg TVD. Room 1122 Staff
Perceptive BNGT 311 A study of the independent accountaits a tasks flexible, generally accepted unline standards, compliance and substantic texts, and report forms and opinions

aduling Standards, comparance and substantive cases a specific control of the Control of
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BMGT cont.
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BMGT 435 Introduction to Applied Probability Models 3 credits: Grading Method: REG 0101 TuTh 7:00pm-10:00pm Bldg, WDS, Room 1131 Bodin

117 JOURNEL OUR BOND 133 BODIN 133 BODIN 133 BODIN 133 BODIN 134 B

Christofi, A Christofi, A Staff

Prerequisite BMGT 340 Analysis and discussion of cases and readings relating to financial decisions of the firm. The application of finance concepts to the solution of financial problems is emphasized

decisions of the firm The application of finance concepts to the solution of financial problems is emphasized.

BMGT 445 Commercial Bank Management 3 credits; Grading Method: REG/AUD

1011 MMY 700pm-1000pm

Bidg KEY, Room 1013 Edmister, R

Bidg, TVD, Room 1108 Edmister, R

BdG 170, Room 1108 Edming data It covers the specialized fields of marketing research, the planning of surey process, snaple design, tabulation procedure and report preparation.

BdG 1451 Consumer Analysis 3 credits; Grading Method REG

BdG 170, Room 1118 BdG 170, Room 1108 Staff

BdG 170, Room 1108 Staff

BdG 170, Room 1108 Staff

Consuders the growing importance of the American consumer in the marketing system and the need to commission and the growing importance of the American consumer in the marketing system and the need to commission and the growing importance of the American consumer in the marketing system and the need to commission and the growing informatic of the American consumer in the marketing system and the need to commission and the growing informatic of the American consumer in the marketing system and the need to consider the growing informatic of the American consumer in the marketing system and the need to commission and the province of the American consumer in the marketing system and the need to commission and the province of the American consumer in the marketing system and the need to commission and the province of products and services and in relation to the commercial marketing accommender of products and services and in relation to the commerci

Considered

MGT 454 International Markating 3 credits; Grading Method: REG

10101 MToWThF 9.30am—10.50am Bidg, KEY, Room 0125 Staff

Percepturies: BMGT 350 plus any other marketing course A study of the marketing functions from
the viewpoint of the international executive. In addition to the coverage of international marketing
policies relating to product adaptation, data collection and analysis, channels of distribution, region,
communications, and cost analysis, consideration is given to the cultural, legal, financial, and
communications asserted international marketing.

BMGT 456 Advertising 3 credits, Grading Method: REG 0101 MTuWThF 9:30am-10 S0am Bldg

Bldg. TYD, Room 0102 Bldg. TYD, Room 1108 MTuWThF 9:00am-10 solum

2021 MTuWThF 9:00am-10 solum

Prerquisite BMGT 354 The role of advertising in the American economy; the impact of advertising product commercand social life, the methods and techniques currently applied by advertising practitioners; the role of the newspaper, magazine, and other media in the development of advertising practitioners and product in the development of the product of the newspaper, magazine, and other media in the development of the product of the product of the newspaper, magazine, and other media in the development of the product of the newspaper, magazine, and other media in the development of the product of the newspaper, magazine, and other media in the development of the product of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper, magazine, and other media in the development of the newspaper.

an advertising campaign, modern research methods to improve the effectiveness of advertising and the organization of the advertising business. (Not open for credit to students with credit for BMGT

BMGT 457 Marketing Policies and Strategies 3 credits; Grading Method: REG

/ Marketing Provises and Strategies 3 creams, scraony Memour. rsco
Presquistes 12 cedef house of marketing
MTuVInh 11 00am-12 20pm
Blog TVD, Room 1108
Blog TVD, Room 1108
Staff
Perquiste three courses in marketing, Integrative decision making in marketing, Emphasis on
consumer and market analysis and the appropriate decision models. Case studies are included.

BMGT 482

| BMGT 495 | Summaries of Imitiations on government regulation of prival guidenses Policiae 3 credits: Grading Method: REG 10101 | MTW/ThF 9 98am-10 50am | Blidg TVD, Room 1118 | Blidg TVD, Room 1128 | Blid Haslem, J Haslem, J Smith, K Chen, M Grimm, C Grimm, C TuTh 7 00pm-10 00pm TuTh 4:00pm-7.00pm Bldg TYD, Room 0111 Bldg TYD, Room 1108

Intensive review of marketing and finance functions in the business enterprise. Credit not applicable to graduate degrees

BMGT 505 Dranitzational Behavior and Strategic Menagement 3 credits: Grading Method: REG/AUD
Permission of department required. Credit not applicable towards graduate degrees

1021 UTIN 700pm-10.00pm
Bidg. TVD, Room 2108 Power, D
Intensive review of organizational behavior theory, and administrative processes and policy in the business enterprise Credit not applicable to graduate degrees.

8MGT 630 Managarial Statistics 3 credits; Grading Method: REG/AUD
Permission of degreement required.

TuTh 7.00pm-10 00pm 0101 MW 7:00pm-10 00pm MW 7:00pm-10 00pm TuTh 7:00pm-10:00pm 0102 0202

ackages BMGT 660 Management and Organizational Behavior 3 credits; Grading Method: REG AUD Permission of department required.

MW 7 00pm-10:00pm Bidg. TYD, Room 2100 Bertol, K

Permission of department required.
W/r 70gm-100gm
Bldg. TYD, Room 2100
Bldg. TYD, Room 2100
Bldg. TYP, Room 2100
Locke, E
Taylor, More and Service on the theory and practice of management leadership, and immerational styles of management Managarial Economics 3 credits; Grading Melhod: REG'AUD
Parmission of Indoardment Incumine 0101 0102 TuTh 7:00pm-10:00pm TuTh 7:00pm-10:00pm

BMGT 671

Parmission of department required TuTh 7 00pm-10 00pm MW 7 00pm-10:00pm

Disputation of comparison of c

BMGT 690 Strategic Management 3 credits; Grading Method: REGAUD
Permission of department required.
0101 MW 7 00pm-10 00pm
Bldg. TYD, Room 1102 Bldg, TYD, Room 1102 Smith, K Bldg, TYD, Room 1102 Power, D rses Case studies and research in the identification of

WW 7 Oppn-10 Oppn WY 7 Oppn-10 Oppn Prerequisite 3 did nother M8A core courses Case studies and research in the identification of nanagement problems, the evaluation of alternative solutions, and the recommendation for

BMGT cont.

BMGT 710 Advanced Accounting Theory 3 credits; Greding Method REG AUD Permission of department required

Permission of department required

MM 7:00pm-10:00pm

Prerequisite. BMG7:610. Contemporary issues in financial accounting. The nature of income, the relationship between asset valuation and income determination, and various approaches to accounting for inflation. The accounting standards setting process. The measurement and valuation of assets (e.g., foreign investments) and liabilities (e.g., lengthing).

BMGT 741 Advanced Financial Management 3 credits, Grading Method PEG AUD Permission of department required

1010 MV 200pm-10:00pm 10:00pm 10:0

TuTh 7:00pm-10:00pm

Investment Management 3 credits, Grading Method REG AUD

Un **20pm-10 20pm-10
BMGT 753 International Marketing 3 credits. Grading Method. REG.

1010 TuTh 6:30pn-9:30pm BMGT 650 Environmental, organizational, and financial aspects of international marketing as well as problems of marketing research, picking, channels of distribution, product policy, and communications which face U.S. firms trading with foreign firms or which face foreign firms in their operations.

BMGT 791 MBA Field Project 3 credits. Grading Method: REG AUD
Permission of department required Total Enterprise Strategy - Management Practicum.
10101 Time Arranged Staff Room Arranged Room Arr

Time Arranged

Room Arranged

Permission of director of MBA program Experiental research project in the identification of management problems, the evaluation of alternative solutions, and the recommendation for management

BMGT 796A Special Topics in Business and Menagament: Expert Systems
3 credits, Grading Method. REG AUD
Permission of department required.
1010 TuTh 7:00pm-10:00pm Bldg TYD, Room 2111 Staff

BMGT 798B Special Topics in Business and Management: Advanced Topics in Linear Programming 3 credits, Grading Method: REG AUD 3 credits, Grading Method Permission of department required 0101 MW 7:00pm-10:00pm

Bldg TYD, Room 2111 Gass. S BMGT 799C Special Topics in Business and Management: Logistics
3 credits, Grading Method: REG AUD
0101 MW 7:00pm-10:00pm Bkdg. KEY, Room 0120 Poist B

BMGT 796D Special Topics in Business and Management: Implementing Strategy
3 credits; Grading Method: REG AUD

10201 TuTh 7:00pm-10 00pm Bidg TYD, Room 2111 G Guota A

Special Topics in Business and Managament: Industrial Marketing 3 credits, Grading Method. REG AUD
Permission of department required

Permission of department required

Plate TVD Resmonth

BMGT 798G

0201 TuTh 6:00pm-9 00pm Bldg TYD, Room 2140 Krapfel Jr R BMGT 799 Master's Thesis Research 1-6 credits, Grading Method REG

Permission of department required

Time Arranged Time Arranged Room Arranged Room Arranged Staff

BMGT 328 Independent Study in Business and Management 1-9 credits, Grading Method REG AUD
Permission of department required Contact Graduate Program Director to make
arrangements
Time Arranged Room Arranged Staff
Room Arranged Staff

BMGT 829A Independent Study in Business and Management: Operations Research Applications in Database Design. 3 credits, Grading Method REGAUD 1010 Time. A 3 credits, Grading Method Room Artanged Staff

BMGT 899 Doctoral Dissertation Research 1–8 credits. Grading Method REG
Permission of department required Contact Graduate Program Director to make Permission arrangements

Time Arranged Time Arranged Room Arranged Room Arranged

BOTN

BOTANY (LIFE SCIENCES) **BOTN 100**

0201

BOTN 399 Research Problems in Botany: Research Problems in Botany 1-3 credits; Grading Method: REG/P-F AUD

Permission of department required

Time Arranged Time Arranged Room Arranged

Out Inne Arranged

Out Inne Arranged

Out Short 403 Medicinal and Polsonous Planta 2 credits, Granging Method RicG P-F-AUD

Students may register for BOTN 699C for additional credit.

O101 MW 415pm-700pm

Blidg HUP, Room 1229

Lockard, J

Prerequisites BOTN 101 and CHEM 104 A study of plants important to man that have nedectinal or prosenous properties. Emphasis no plant source, plant description, the active agent and its beneficial or detrinicabal physiological action and effects.

BOTN 699C Special Problems In Botany: Physiology 1–3 credit, Grading Method REG 0101 Time Arranged Room Arranged Locks Lockard, J

BOTN 799 Master's Thesis Research 1–6 credits; Greding Method REG
0101 Time Arranged Room Arranged
0201 Time Arranged Room Arranged Room Arranged

BOTN cont.

BOTN 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Room Arranged

CHEM

CHEMISTRY

TuTh 9.30am-10:50am

(LIFE SCIENCES)

 CHEM 103
 General Chemistry I 4 credits. Grading Method. REG.P-F-AUD

 Meets USP Distributive Studies (B)Natural Sciences and Mather

 013
 M1VMTh 11:00am-12:20pm
 Blog PHY, Room 1412

 MVP 8:00am-10:50am
 Blog CHM, Room 1105

 TuTh 9.30am-10:50am
 Blog CHM, Room 1107
 Melmon. HEGP-FADD ural Sciences and Mathematics Bldg PHY, Room 1412 Bldg CHM, Room 1105 (LAB) Bldg CHM, Room 0119 (DIS) Bidg CHM. Room 0119 (DIS) Bidg PHY. Room 1412 Bidg CHM. Room 1406 (LAB) Bidg CHM. Room 1020 (DIS) Bidg CHM. Room 1020 (DIS) Bidg CHM. Room 1021 (DIS) Bidg CHM. Room 1021 (DIS) Bidg CHM. Room 1021 (DIS) Bidg CHM. Room 1010 (LAB) MTuWThF 11 00am-12:20pm MWF 8:00am-10:50am Staff MWF 8 00am-10:50am TuTh 9:30am-10:50am MTuWThF 11:00am-12:20pm MWF 8:00am-10:50am TuTh 9:30am-10:50am MTuWThF 11:00am-12:20pm MWF 8:00am-10:50am TuTh 9:30am-10 50am MTuWThF 11:00am-12:20pm MWF 8:00am-10:50am

1111 3.Journ-10 JOBM Bidg ELIK, Hoom 3114 (DIS)
Precquistic a sutifactory math sat score or an adequate knowledge of high school chemistry or sanisfactory performance in CHEM 101 The first semister of a chemistry sequence inhended for students whose curricular require a year or more of chemistry. The nature and composition of matter, chemical calculations, clements and inorganic compounds. Credit may be received for only one course of the following CHEM (IC), 103, 103, 107, 117.

CHEM 104 Fundamentals of Organic and Blochemistry 4 credits: Grading Method, REG P-F. AUD Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement.

9261 MTUVITP F1100am—12 15pm Bldg CHE, Room 2110 Staff MIVF 800am—11 00am Bldg CHM, Room 1208 (LAB) TuTh 930am—11 00am Bldg CHM, Room 1208 (LAB) Staff MIVF 800am—11 00am Bldg CHE, Room 2110 (DIS) Staff MIVF 800am—11 00am Bldg CHE, Room 2110 (DIS) Staff MIVF 800am—11 00am Bldg MTH, Room 1313 (DIS) Precquisite. CHEM 103 or CHEM 105 Intended for studies whose curricula require one year of chemistry Students require two or more years of chemistry should register for CHEM 235 OR 250 Carbon allphase compounds, aromatic cold. CHEM 105 CRED to the chemistry studies and chemistry should register for CHEM 235 OR 250 Carbon allphase compounds, aromatic cold. CHEM 250 CRED Staff
MVF 8 00am=10 50am MTuWThF 11:00am=12:20pm MWF 8 00am=10 50am TuTh 9 30am=10 50am MTuWThF 11.00am-12.20pm MWF 8.00am-10.50am TuTh 9 30am-10 50am

of CHEM 113 OR 115

g Method. REG P-F AUD
Bldg CLB. Room 0111
Bldg CDHM. Room 1216 (JAB)
Bldg CLB. Room 0124 (JOS)
Bldg CLB. Room 0124 (JOS)
Bldg CLB. Room 0111
Bldg CHM. Room 1221 (JAB)
Bldg EGR. Room 1110 (JOS)
Bldg CLB. Room 0111
Bldg CHM. Room 1224 (JAB)
Bldg CLB. Room 0116 (JOS)
Bldg CLB. Room 0126 (JOS)
Bldg CLB. Room 0127 (JAB)
Bldg EGR. Room 1227 (JAB)
Bldg EGR. Room 1227 (JAB)
Bldg EGR. Room 1226 (JOS)
COUNTS & US & 107 4 1 No-Smith Steff 0172 Staff MTuWThF 11-00am-12 20pm MWF 6 00am-10 50am TuTh 9:30am-10 50am MTuWThF 11 00am-12 20pm MWF 8.00am-10 50am 0173 Staff Staff TuTh 9 30am-10 50am

Prerequisite: CHEM 113 or 115. This course is the first of a two-semester sequence in organic chemistry and is intended to be followed by CHEM 243 or 245. The chemistry of carbon aliphatic compounds, aromatic compounds, stereochemistry, arenes, halides, alcohospectroscopy Credit may be received for only one course of CHEM 104, 233, 235 alcohols.

Organic Chamiatry II 4 credits, Grading Method REG P-F AUD **CHEM 243** MTuWThF 11:00am-12 20pm MWF 8 00em-10 50am TuTh 9 30am-10 50am MTuWThF 11 00am-12 20pm MWF 8 00am-10 50am Bldg CLB, Room 0111 Bldg. CHM, Room 1224 (LAB) Bidg EGR, Room 1126 (DIS) Staff Staff

Bidg EGR, Room 1126 (DIS) Bidg CLB, Room 0111 Bidg CHM Room 1221 (LAB) Bidg MTH Room 1221 (LAB) Bidg CHM, Room 0111 Bidg CHM, Room 1227 (LAB) Bidg MTH Room 1217 (LAB) Bidg MTH Room 1217 (LAB) MWF 8 00am-10 50am
TuTh 9 30am-10 50am
MTuWThF 11 00am-12 20pm
MWF 8 00am-10 50am
TuTh 9 30am-10 50am
MTuWThF 11.00am-12:20pm
MWF 8 00am-10 50am Staff 0284

Precipit 2: CHEM 243 or 235. A continuation of CHEM 233 with compression structure, bidultion reactions, carbonium ions, aromaticity, synthetic processes, macro-molecules Credit may be received for only one of CHEM 243 or 245.

CHEM 399 Introduction to Chemical Research 1-2 credits, Grading Method. REG.P.F.AUD.
Permission of department required. Research plans must be approved by Dr. Boyd or Dr.

Durso before registration Time Arranged 0201 Time Arranged Room Arrenged

CHEM cont.

CHEM 481 Physical Chemistry I 3 credits, Grading Method: REG/P-F/AUD 10101 Meets JUN 1 to JUL 24 MTuThF 8 00am-9.15am Bldg. CHM, Room 1402

The 8 00am-9:15am Bidg, CHM, Room 1402 Steff
Prerequisites CHEM 113 OR 115, CHEM 243 OR 245, MATH 141, PHYS 142 or PHYS 263 (PHYS 263 may be taken concurrently); or consent of instructor. A course primarily for chemists and chemical engineers

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

1010 Meets JUN 1 to JUL 24

MTuThF 12:30pm-1 45pm Bldg, CHM, Room 1402 Staff
Percquisite CHEM 481, or consent of instructor A course primarily for chemists and chemical engineers

CHEM 699 Special Problems in Chemistry 1-6 credits, Grading Method: REG AUD 0101 Time Arranged Room Arranged Room Arranged S

CHEM 799 Master's Thesis Research 1–6 credits; Grading Method: REG 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged Room Arranged

CHEM 899 Doctoral Dissertation Research 1-8 credits: Grading Method REG 0101 Time Arranged 0201 Time Arranged Boom Arranged

CHIN

CHINESE (ARTS AND HUMANITIES)

CHIN 101

HIN 101 Intensive Elementary Chinese 1 6 credits, Grading Method, REG P.F./AUD Meets USP Distributive Studies (A) Cultural and Historical requirement

1010 MTuVTHP - 30am-12 Tip, Grading, Bildg J.M.Z, Room 0204 Hong, J
Intuduction to speaking, reading, and writing Chinese with an emphasis on maxicing the essentials of pronunctation, base characters and structural patterns.

CHIN 102

Elementary Spoken Chinese 3 credits, Grading Method: REGIP-F-AUD Meets USP Distributive Studies (A) Cultural and Historical requirement under MID of the Community of the Com and vocabulary

HIN 103

Elementary Written Chinese 3 credits; Grading Method: REG P.F.AUD
Meets USP Distributive Studies (A) Cultural and Historical requirement.

Bidg. JMZ, Room 1123
Precquisite, CHIN 101 or quivalent. Continued study of grammatikal patterns and buildup of vocalbulary with particular emphases on tradiginal and trime. May be taken in conjunction with CHIN

CHPH

CHEMICAL PHYSICS

(COMP, MATH, AND PHYS SCI)

CHPH 899 Doctorel Dissertation Research 1-8 credits; Grading Method. REG 0101 Time Arranged 0201 Time Arranged Room Arranged

CJUS

INSTITUTE OF CRIMINAL JUSTICE AND

CRIMINOLOGY (BEHAVIOR AND SOCIAL SCI)

CJUS 100 Introduction to Law Enforcement 3 credits: Grading Method. REG.P-F AUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.

1010 MTuWThF 930am-10:50am Blog LEF, Room 1220 Shaff
MTuWThF 11.00am-12.20pm Blog LEF, Room 1222 Shaff Brooks, L Staff

TOWN IN TOORNING COUNTY

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

CJUS 320

JUS 220 Introduction to Criminelletics 3 credits, Grading Method. REG.P.FAUD
1010 Tu Th 6:00pm-9:00pm Blog. LEF, Room 0208 Maunello, T
1020 Tu Th 6:00pm-9:00pm Blog. LEF, Room 0208 Maunello, T
1020 Prorequisites CIUS 220 and consent of instructor An introduction to modern methods used in the
deteriori, investigation and solution of crimis. Practical analysis of evidence in a criminal
investigation liaboratory, including photography. Ingerprints and other impressions, ballisucs, glass,
han, handwrining and document examination, ding analysis, and the detection.

CJUS 386 Field Work 1-3 credits; Grading Method REG Permission of department required

Time Arranged Time Arranged 0101 Room Arrenoed 0201 Room Arranged

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

Permission of department required 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Statt

CJUS 398 Law Enforcement Field Training 1-3 credits, Grading Method. REG.P.F. AUD. Time Arranged Room Arranged Room Arranged Staff 0201 Time Arranged

CJUS 399 Directed Independent Research 1-3 credits, Grading Method: REG P-F AUD Room Arranged Staff 0101 Time Arrangeo 0201 Time Arranged Room Arranged Staff

CJUS 630 Seminer In Criminei Lew and Society 3 credits, Grading Method. REG

8001 MW 4 00pm-7-00pm Biology Commission 1222 Paternoster, R

Frequesties CJUS 230 or its equivalent and a counter in introductory criminology. The criminal law
is studied in the context of general studies in the area of the sexiology of law. The evolution and social and psychological lactors affecting the tormulation and administration of criminal laws are
discussed. Also examined is the impact of criminal laws and dietr sanctions on behavior in the light of recent reightral evolution.

CJUS 699 Special Problems in Criminal Justice 1–3 credits; Grading Method: EG AUD 0101 Time Arranged Staff Room Arranged Staff Room Arranged Staff CJUS 799 Master's Thesis Research 1–6 credits; Grading Method: REG 0101 Time Arranged Room Arranged 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 Meets USP Distributive Studies (A) Cultural and Histonical requirement.

10101 MTWVThF 9:03m-10:50am Bidg, HBK, Room 1112 Staff 102m-112:20m Bidg, JMX, Room 2206 Staff 102m

LAS 374 Greek Tragedy in Trenslation 3 credits; Grading Method: REG/P-F/AUD Meets USP Advanced Studies Analysis of Human Problems requirement.

1010 MTuVTNT 1100m-1220pm Big. HBK, Room 1112 Staff Study and analysis of the tragedes of Aeschylus, Sophocles and Euripides with special attention to the concepts of character and of thought as conceived by Artsolde in The Peotics. CLAS 374

CMLT COMPARATIVE LITERATURE (A (ARTS AND HUMANITIES)

CMLT 479A Mejor Contemporary Authors: The Age of Anxlety: Existentialism and the Absurd
3 credits; Grading Melhod. REG/P-F/AUD 0201 MTuWThF 9:30am—10.50am Bildg_JMZ, Room 2122 Demaitre, A
Readings and discussion of masterworks of 20th century French literature with a focus on the

executing and unsession of masterworks of 20th century reach interauter with a focus on life dominant them of articly and related themes such as alientation, inhibitin, revoit and the search for a new either Authors include Gide, Malraux, Sarire, Camus, Bockett, Ionesco, Works are analyzed primarily as a reflection of the philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook.

CMLT 49S Selected Topics in Comperative Literature: I and They: Conflict Between Individual and Society in French Literature 3 credits; Grading Method: REG/P-FA/LID 0101 MTW/ThF 1100Am-1220pm Bidg. MJR, Room 3118 MecBain, W An examination of how major French writers confront the question of conflicting demands made by the individual on the one haad and society on the other Students will be required to examine the issues raised and give reasoned critiques of the attitudes expressed.

CMLT 799 Meater's Thesis Research 1–6 credits; Grading Method: REG Room Arranged Room Arranged Room Arranged Room Arranged CMLT 899 Doctoral Dissertation Research 1-8 credits: Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged

CMSC

COMPUTER SCIENCE

(COMP, MATH, AND PHYS SCI)

CMSC 103 Introduction to Computing 3 credits; Grading Method. REG.P-F.AUD

0201 MTuVThF 8:00am-9 20am Bidg CSS, Room 2324

Staff
Sac concepts of Fortran. Elements of computer organization. Algorithms in the computational solution of problems. Survey of non-numeric and numeric applications. Programming projects. Credit will be given for only one course. CMSC 110 or CMSC 110.

CMSC 110 Introduction to Fortran Programming 4 credits, Grading Method: REG/P-F/AUD

CMSC majors must take CMSC 112 as a last course.

101 Meets JUN 1 to JUL 24

MTuVThF 9:30am-10:50am

Bildg CSS, Room 2352 Williams, J

Tu 11:00am-12:20pm

Pre- or co-requisite. MATH 14:0 or 220. Construction of algorithms and the efficient solution of computational problems. Conducted in FORTRAN Intended for scientists, engineers, and business majors. Not applicable to the major requirements in compact science. Credit will be given for only one course, CMSC 103 or 110

CMSC 112 Computer Science | 4 credits; Grading Method: REG.P-F:AUD 0101 Meets JUN 1 to JUL 24 MTuWThF 11:00am-12 20pm Bldg. CSS, Room 2324

Meets July 1 to Jul 2 20pm Bldg. CSS, Room 2324 Maliory, R W 9.30m-10:50am Bldg. CLB, Room 0102 (DIS)

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

CMSC 120 Introduction to Pascal Programming 4 credits, Grading Method: REGIP-F-AUD
0101 MTuWThF 8 00am-9 20am Bidg. CSS, Room 2330 Williams, J
Tu 1100am-12 20bm
Prorequisite: MATH 110. Design and analysis of programs in Pascal An introduction to computing,
using structured programming concepts. Not applicable to the major requirements in computer
science. Credit will be given for only one course: CMSC 113, 120 or 122.

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

1010 MTuWThF 8.00am-9.20am

1010 M3.00am-0.50am

1010 M3.00am-0.50am

1010 M3.00am-0.50am

1010 M3.00am-0.50am

1010 M3.00am-0.50am

1010 M3.00am-0.50am

1010 CMSC 120 or CMSC 122 Assembly language programming, assemblers, loaders.

linkage editors, and niacros

CMSC 250 Infroduction to Discrete Structures 3 creates; Grading Method; REG/P-FAUD
0101 MTuWThF 8.00am-9.20am Bidg CSS, Room 2352 Fontecilla, R
Perequisit. CNSC 110 or CMSC 112, MATH 111 or equivalent. Fundamental mathematical
concepts and algebraic structures, such as sets, relations, functions, semigroups, monoids, and
Boolean algebra introduction to the theory of graphs and trees and their realization as computer
programs. Emphasis on examples and applications rather than mathematical rigor.

CMSC 311 Computer Organization 3 credits; Grading Method REGIPF.

0101 MW Solpm-8 00pm 180 (Signal Computer Organization 3 credits; Grading Method REGIPF.

1101 MW Solpm-8 00pm 180 (Signal Computer Organization Computer Organization of Central processors, including instruction sets, register transfer operations, control microprogramming, data representation, and architectic algorithms. Memory and implicuting the computer of th

organization

CMSC 450 Elementary Logic and Algorithms 3 credits; Grading Mathod: REG P-F
0102 MTuWThF 1100am-12 20pm Bldg, MTH, Room 0106 Staft
0103 MTuWThF 930am-10-50am Bldg, MTH, Room 0104 Ceicedo, X
0201 MTuWThF 930am-10-50am Bldg, MTH, Room 08421 Staft
Prequisite. MATH 240 or consent of instructor. This is the same course as MATH 444 An elementary development of propositional logic, predicate logic, set algebra, and Boolean algebra, with a discussion of Markov algorithms, turning machines and recursive functions. Topics include post productions, word problems, and formal language:

CMSC 460 Computational Methods 3 credits, Grading Method: REG.P-F.
0101 MTuWThF 8.00em-9.20am Bidg, CLB, Room 0111 Hummel, J.
Prerquisites: MATH 1440 and 24!; CMSC 110 or 122. Basic computational methods for interpolation, least squares, approximation, numerical quadrature, numerical solution of polynomial and transcrendental equations, systems of linear equations and initial value problems for ordinary differential equations. Emphasis on the methods and their computational properties rather than on their analytic aspects. Listed also as MAPL 460. (Credit will be given for only one of the courses, CMSC 400 or CMSC 470.)

CMSC cor	nt .		CRIM cont	
CMSC 498A Special Problems in Co		Method REG P-F	CRIM 399 Independent Study in Cri-	
0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff	0101 Time Arranged 0201 Tima Arranged	Room /
CMSC 798A Graduate Seminar in Co 0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff	CRIM 450 Juvenila Delinquency 3 c 0101 MTuWThF 12 30pm-1 50pm Prerequisite: SOCY 100 Ju	Blog. L venile delinquency in
CMSC 799 Master's Thesis Raseer 0101 Time Arranged 0201 Time Arranged	ch 1–6 credits, Grading Method REG Room Arranged Room Arranged	Staff Staff	of factors underlying juvenile CRIM 452 Treatment of Criminata at	
CMSC 818A Advanced Topics in Co 0101 Time Arranged 0201 Time Arranged			Prerequisite CRIM 220 or 0201 MTuWThF 9 30am-10 50am Prerequisite CRIM 220 or	CŘÍM 450. Blog L
CMSC 828A Advanced Topics in Info 0101 Time Arranged 0201 Time Arranged	prmation Processing 1-3 credits, Gra Room Arranged Room Arranged	ading Method REG/AUD Staff Staff	crim 498 Selected Topics in Crimir 3 credits Gra	
CMSC 838A Advanced Topics in Pro 0101 Time Arranged 0201 Time Arranged	ogramming Langueges 1-3 credits, (Room Arranged		0101 MW 4:00pm-7:00pm CRIM 699 Special Criminological Pr	Bldg L oblems 1-3 credits,
CMSC 858A Advanced Topics in The	Room Arranged eory of Computing 1-3 credits, Gradi		0101 Time Arranged 0201 Time Arranged	Room /
0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Slaff	CRIM 799 Master's Thesis Research 0101 Time Arranged	
CMSC 899 Doctoral Dissertation R	esearch 1-8 credits, Grading Method	REG	0201 Time Arranged	Room /
0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff	CRIM 899 Doctoral Dissertation Res 0101 Time Arranged - 0201 Time Arranged	earch 1-8 credits, 0 Room Room
	CNEC			
CONSUMER ECONOMICS		HUMAN ECOLOGY	· —	DAN
NEC 100 Introduction to Consum	er Economics 3 credits, Grading Mel Studies (D) Social and Behavioral Scie	hod REG P-F AUD	DANCE	
0201 TuTh 7:00pm-10:00pm The role of the consumer	Bldg MMH, Room 140 Bin modern society Topics include the co quality of life and the impact of govern	Soberon-Ferrer, H insumer in the market, the impact	DANC 100 Modern Dance I For Non- 0101 MTuWThF 12:30pm-1:50pm Basic principles of modern d	Bldg. P
consumer welfare CNEC 396 Field Work and Analysis	s In Consumar Economics 3-6 credi	ts, Grading Method S-F	DANC 124 Ballat I For Non-Majors 2 0101 MTuWThF 11 00am-12 20pm	credits, Grading Mei Bldg P
0101 Time Arranged 0201 Time Arranged Supervised professional f	Room Arranged Room Arranged field work experience in business, indust	Staff Staff Lry, government or education A	Barre and center work for terminology	
study to student work exper permission of the department				reors, Grading Metri udies (C) Literature a Bidg. Ji
CNEC 410 Consumer Finance 3 cre Meets USP Advanced ECON 201 and 203.	edits, Grading Method REG.P-FAUD Studies Analysis of Human Problem	s requirement Prerequisites	A study of dance as a form of dance, and their relationship	
0101 TuTh 7:00pm—10:00pm Prerequisites ECON 201 and consumer financial plan	Bldg MMH, Room 341i AND 203 An economic approach to thining, including income maximization, pr	e problems of income allocation		a 1–6 credits, Gradin Room /
planning May not be taken	gement. The effects of fiscal and monets by students who have credit for FMCD - Law 3 credits, Grading Method. REG.	141		
Meets USP Advanced St	tudies Analysis of Human Problems re	aurement		ECO
0201 MW 7.00pm-10 00pm	Bldg MMH, Room 140 Bldg MMH, Room 140	0 Powell, C	ECONOMICS	(
and hability, packaging and such legislation for consum	ting consumer goods and services. Topi labeling, deceptive advertising, and con- ner welfare with particular emphasis on	sumer credit. The implications of	Meets USP Distributive State to students who have credit	udies (D) Social and t for ECON 205
society will be examined CNEC 433 Consumer Law: Adverti	sing and Solicitation 3 credits. Gradi	ng Method REG P-F AUD	0101 MTuWThF 8 00am-9 20am 0102 MTuWThF 9 30am-10 50am	Bldg. T Bldg. T
Prerequisite - CNEC 431	Bldg MMH, Room 010 or consent of instructor. An advanced shirt into commercial transactions. Individu	B Brannigan, V ady of the legal consequences of	. 0201 Milluwihi 8 00am-9 20am	Bldg T Bldg T
consumer remedies and gov	ernment regulation redits, Grading Method REG-P-F-AUD		0202 MTuWThF 9 30am-10 50am An introduction to the prob	Bldg T
Meels USP Advanced St 0101 TuTh 6 00pm-9 00pm	udies Analysis of Human Problems re Bldg LEF, Room 1222	quirement Morris, L	placed on the roles of mone efficacy of wage and price co	tary and fiscal policy
Prerequisites: PSYC 100 :	Bldg LEF, Hoom 1222 Bldg MMH, Room 130 and SOCY 100 An application of the b theories, models and empirical research	4 Morris, L ehavioral sciences to a study of	ECON 203 Principles of Economica i	I 3 credits, Grading ludies (D) Social an
NEC 498 Special Studies 2-4 cred	dits, Grading Method REG P-F AUD		0101 TuTh 7.00pm-10.00pm	Bldo T
0101 Time Arranged 0201 Time Arranged	Room Arranged Room Arranged	Staff Staff	0102 MTuWThF 9:30am-10:50am 0103 MTuWThF 11:00am-12:20pm	Bldg T Bldg. T
			0201 MTuWThF 8:00am-9 20am 0202 MTuWThF 9:30am-10 50am	Bldg T Bldg T
	2005		This course emphasizes the international trade and finan	behavior of individ
	COOP		discrimination, the problems of upon economic activity (Stu	of environmental pollu
COOPERATIVE EDUCATI	ON		ECON 205 Fundamentals of Econom	ica 3 credits, Gradin
PROGRAM	UNDEDGE	ADJIATE STUDIES	Meets USP Distributive St	udies (D) Social and

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DD	വ	DAI	14				

(UNDERGRADUATE STUDIES)

Staff

COOP 998 Coop Work Experience I No credit: Grading Method S-F
Permission of Co-op Coordinator required Obtain signature and more information at
Expenential Learning Programs, 0.119 Horrback Library For special less, see the Financial Information section of the Schedule of Classes Room Arranged

0101 Time Arranged

CRIMINOLOGY (BEHAVIOR AND SOCIAL SCI)

CRIM 220 Criminology 3 credits. Grading Method REG PF-AUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
0101 MTUWTh 2 00pm - 20pm Big LEF, Room 1208 Young V
Percquivits SOCY 101 and sophomore standing Criminal behavior and the methods of its study,
caustion, typologic criminal acts and offenders, punishment, correction and incapacitation,
prevention of crime

Field Training in Criminology and Corrections 1-3 credits, Grading Method

CRIM 359 Field Train REG.P.F.AUD 0101 Time Arranged 0201 Time Arranged Room Arranged

CRIM 386 Field Work 0101 Time Arranged 0201 Time Arranged Field Work 1–3 credits; Grading Method REG/P-F-AUD
Time Arranged Room Arranged
Time Arranged Room Arranged Staff CRIM 367 Field Work Analysis 1-3 credits, Grading Method REG P-F-AUD
101 Time Arranged
10201 Time Arranged Room Arranged
10301 Room Arranged Room Arranged

its, Grading Method REG/P-F/AUD Arranged Arranged hod REG/P-F/AUD LEF, Room 1208 Young, V relation to the general problem of crime, analysis nt and prevention the Community LEF, Room 1221 Smith, D sent of instructor Analysis of the processes and behavior in a community setting es in the Death Penalty LEE Boom 1220 Paternoster, R

, Greding Method: REG/AUD Arranged Stat Arranged ng Method. REG Arranged

Staff Arranged Grading Method, REG Ctaff Arranged

(ARTS AND HUMANITIES) Grading Method: REG/P-F/AUD PKT, Room 2102 (LAB) May

undamentals of movement ethod REG P.F.AUD PKT, Room 2102

Haigler de Robles.

flexibility and coordination. Introduction to ballet

thod REG/P-F/AUD and the Arts requirement.

JMZ, Room 0205 Haigler de Robles,

id as an art form, a survey of the theories and styles

ing Mathod: REG/P-F/AUD Arranged (LAB) Wiltz. A

N (BEHAVIOR AND SOCIAL SCI)

Method: REG/P-F/AUD
d Behavioral Sciences requirement. Not open

TYD, Room 0101 TYD, Room 0101 TYD, Room 0101 TYD, Room 1114 Staff TYD. Room 0101

TYD, Room 0101 Staff tent, inflation, and economic growth Emphasis is y in the conduct of macro-economic policy. The

Method. REG/P-F/AUD

nd Behavioral Sciences requirement. Students 203

YD, Room 1128 TYD, Room 1128 TYD, Room 2106 TYD, Room 1101 Wallis J Wallis, J Staff Staff TYD. Room 2110

17D, Hoom 2110 Staff addual consumers and business firms, problems of of income, policies for eliminating poverty and lution, and the impact of different market structures take ECON 201 before ECON 203.)

Modes USP Distribution Studies (I) Social and Behavioral Sciences requirement. Not open institution who have credit for ECON 201. Bldg TVD Room 120 MTWThF 11 Odam-12 Oppn MTWThF 12 Odam-10 Oppn MTWThF 11 Odam-12 Oppn MTWThF 12 Oppn MT

Jo students who have dreal for EUON 2011

WiWThF 1103am-12-20pm Bldg TYD, Room 1128 Staff

IWWThF 930am-10-50am Bldg TYD, Room 1128 Staff

Staff 100 TWO Free Staff 100 TWO F economics and their applications to the leading economic problems of society, including inflation, unemployment, population, powerly, urban renewal, nequality, monopoly, environmental protection, international trade, imperialsm, economic planning, and comparative economic systems

ECON 310 Evolution of Modern Capitalism in Western Europe and the United States

3 credits, Greding Method. REG.P.FAUD

Meets USP Distributive Studies (I) Social and Behavioral Sciences requirement No

TuTh 7 00pm-10 00pm

ToWThF 9 30am-10 50am Bldg TYD, Room 1140 Staff ult 17 70pm-10 00pm Bldg TYD, Room 2109 Staff Bldg TYD, Room 2109 Staff Bldg TYD, Room 2109 Staff Be couldnot on the capitalist system from its methical ongins to the present Emphasis on dynamic forces of ctimulatus e 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 370 Labor Marketa, Human Resourcee, and Trade Unions
3 credits, Grading Method, REG-PE-AUD
Prerequisite ECON 201 and ECON 203 or ECON 205. Credit will be given for only one course ECON 370 or ECON 470
Bldg LEF, Room 2166 Knight, R

course ECON 370 or ECON 470

TUMThF 11 00am-12 20pm Bldg LEF, Room 2166 Knight, R
Prerquisite ECON 201 and ECON 203 or ECON 205 A survey of labor markes and the
American labor movement Analysis of labor force growth and composition, problems of
unemployment and labor market operations, theories of wage determination, the wage-price spiral, collective bargaining, and governmental regulation of employment and labor relations. Credit will be given for only one course: ECON 370 or ECON 470

ECON cont.

ECON 375 Economics of Poverty and Discrimination 3 credits, Grading Method: REG/P-F/AUD
Prerequisites: ECON 201 and ECON 203, or ECON 205

10201 MTUMTP 9:30am -10.50am Bidg, TVO, Room 1101 Staff
Prerequisite: ECON 201 AND 203, OR 205 The causes of the persistance of low income groups, the tribitionship of poverty to technological change, to economic growth, and to education and training, economic results of discrimination, proposed remedies for poverty and discrimination.

ECON 399 Individual Reading and Research For Undergraduates 3 credits; Grading Method. REG/P-F/AUD Prerequisite: 6 hours of upper-division economics ocurses

Time Arranged Time Arranged Room Arranged Room Arranged 0101 Staff

ECON 401 National Income Analysis 3 credits; Grading Method: REG.P.F.AUD
Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course. ECON
401 or ECON 405

MTUWThE 9:30am-10:50am
Bidg TYD, Room 1114
Meyer, P

44) or E-LOVA 403.

WIWThF 930am-10-50am Bldg TYD, Room 1114 Meyer, P Bldg. TYD, Room 2016 Breching, F Precquisite: ECON 201, 203 Required for economics majors Analysis of the determination of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy. TuTh 7:00pm-10:00pm

Business Cycles 3 credits: Grading Method: REG/P-F.AUD

Meets USP Advanced Studies Development of Knowledge requirement. Prerequisite: ECON **ECON 402**

430 MUTTER 8:00am-9:20am Bldg TYD, Room 2110 Staff
First semester. Prerequisite: ECON 430. A study of the causes of depressions and unemployment,
cyclical, and secular instability, theories of business cycles, and the problem of controlling economic

ECON 403 Intermediate Price Theory 3 credits, Grading Method REG/P-FAUD
Prerequisites: ECON 201 and ECON 203 Credit will be given for only one course. ECON
403 or ECON 405 or ECON 406
1010 MTuWThF 11:00am-12:20pm Bidg. TUF, Room 2101 Staff
Prerequisite. ECON 201, 303. Required for economics majors. An analysis of the theories of consumer behavior and of the timm, and of general price and distribution theory, with applications to

ECON 415 Infroduction to Economic Development of Underdeveloped Areae

3 credits; Grading Method. REGP-FAUD

Meets USP Advanced Studies Analysis of Human Problems requirement ECON 201 and ECON 203; or ECON 205, analysis of the teconomic and social characteristics of underdeveloped area. Recent theories of economic development, obstacles to development. policies and planning for development.

ECON 421 Economic Statilatics 3 credits, Grading Method. REG/P-F/AUD
Prerequisits: MATH 110 or equivalent. Not open to students who have taken BMGT 230 or
BMGT 231.

0101 MTuWThE 8:00am-9:20am Bidg. TYD, Room 0111 Town in Bouen-9-zoem Bog. 110, Hoom O'll Hoom Care Religion. Perceptisite MATH 110 or equivalent. Not open to students who have taken BMGT 230 or BMGT 231. An introduction to the use of statistics in economics. Topics include probability, random variables and their distributions, sampling theory, estimation, hopothesis testing, analysis of variance.

regression analysis, correlation. ECON 430 Money and Banking 3 credits; Greding Method. REGIP-FAUD Prerequisites: ECON 201 and ECON 203 Credit will be given for only one course: ECON 430 or ECON 431.

430 pr ECON 431
MTWMTF 4100am-12-20pm
Bldg TVD, Room 1114
Msyer, P
MTWMTF 930am-10-50am
Bldg TVD, Room 1114
Slaft
Percepuisite ECON 201 and ECON 203 The structure of financial institutions and their role in the provision of money and rear money Analysis of the Federal Reserve System, the techniques of central banks, and the comptod of supply of financial assets in sublitration policy Relationship of money and credit to economic activity and the price level. Credit will be given for only one course ECON 430 or ECON 43

ECON 440 International Economics 3 credits, Grading Method: REG/P-F/AUD Prerequisites: ECON 201 and ECON 203. Credit will be given for only one course ECON 441.

VIEWTH E 800mm-920am Bldg. TYD, Room 1102 Clagua, C TUWThF 11:00am-12:20am Bldg. TYD, Room 1128 Staff Preequosite. E 60N 201 and ECON 203 A description of international transactions, exchange rates, and balance of payments. Analysis of policies of protection, devaluation, and exchange rate stabilization and their consequences. Credit will be given for only one course. ECON 440 or ECON 441. MTuWThF B:00am-9:20am MTuWThF 11:00am-12:20pm

ECON 698 Selected Topics in Economics 3 credits: Grading Method: REG

Permission of department required Room Arranged Time Arranged Room Arranged Staff ECON 799 Master's Thasia Rasearch 1-6 credits; Grading Method. REG 0101 Time Arranged 0101 Time Arranged 0201 Time Arranged Room Arranged Staff ECON 899 Doctoral Dissertation Research 1-8 credits; Grading Method REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged

EDCI

CURRICULUM AND INSTRUCTION (EDUCATION)

EDCI 301 0201 Teaching Art in the Elementary School 3 credits; Greding Method REG.P-F/AUD leets JUL 13 to JUL 31

Bldg, EDU, Room 3233 MTuWThF 9:00am-12:00nm McWhimnie H Limited to non-air education majors. Art methods and materials for elementary schools Includes laboratory experiences with materials appropriate for elementary schools. Emphasis on emerging areas of an education for the clementary classroom teacher

EDCI 313 Creative Activities and Materials for the Young Child 3 credits; Grading Method REG/P-F AUD

Moets JUL 13 to JUL 31
MTWMThF 1:00pm-4:00pm
Prerequisits: EDCI 280 Corequisites: EDHD 300, MUED 450, EDCI 318 and EDCI314
Techniques and resources for art, muse, play and creative dramatics

EDCI 390

0102 0201

Techniques and resources for art, misses, play and creative dramaines.

Principles and Methods of Secondary Education
3 credits: Grading Method REGG-F-RAUD

MW 7-00pm-100.0pm
Meets JUN 22 to JUL 10
Meets JUN 22 to JUL 10
MilyThG 9000m-120.0pm
Bidg EDU, Room 1121
Staff
TuTh 4.00pm-7.00pm
Bidg EDU, Room 1121
Bidg EDU, Room 112

EDCI cont.

CI 410 The Child and the Curriculum: Early Childhood 3 credits; Grading Method: REG/P-F/AUD 0101 Meets JUN 22 to JUL 10 Bldg. EDU, Room 2101 MTuWThF 9.00am-12:00pm Amershek, K

Relationship of the school curriculum, nursery school through grade 3, to child growth and development. Recent trends in curriculum organization; the effect of environment on learning

development Recent trends in curriculum organization; the effect of environment on learning readments to learn and adapting curriculum content and methods to maturity levels of children Primari) for in-service teachers, nursery school through grade 3

EDCI 426

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Includes emphass on multicultural education.

Includes emphass on multicultural education.

Del 434 Methods of Teaching English to Speakers of Other Languages
3 credits, Grading Method REGIP-FAUD

10201 TuTh 4:00pm-7:00pm Method REGIP-FAUD

10302 Method REGIP-FAUD

10303 Method REGIP-FAUD

10304 Method: REGIP-FAUD

10304 Method: REGIP-FAUD

10305 Method: REGIP-FAUD

10306 Method: REGIP-FAUD

10306 Method: REGIP-FAUD

10306 Method: REGIP-FAUD

10307 Method: REGIP-FAUD

10307 Method: REGIP-FAUD

10307 Method: REGIP-FAUD

10308 Method:

EDCI 443

TolWThF 9.00am-12.00pm Bldg EDU, Room 1121 Dreher, J
Analysis of Interary materials for children and youth Timeless and ageless books, and outstanding
Evaluation of the contributions of individual authors.
Language Act

Language Aria in Early Childhood Educetion 3 credits; Greding Method: REG/P-F/AUD Meets JUN 22 to JUL 10 MTWThF 1.00pm-4.00pm Bldg EDU, Room 1121 Church, M EDCI 444

Church, M Teaching of spelling, handwriting, oral and written expression and creative expression. Primarily for in-service teachers, nursery school through grade 3

FDCI 445 Language Arts in the Elementary School 3 credits; Greding Method: REG/P-F/AUD Meets JUN 22 to JUL 10 Meets JUN 22 to JUL 10 MTWTFR 1.00pm—4.00pm Bldg EDU. Room 1121 Church, M

EDCI 446

MTuVThF 100pm-4.00pm Bldg EDU, Room 1121 Church, M
Tacking of spellips, handwring or all and written expression and creative expression Primarily for
in-service teachers, grades 1-6

Method of Taeching English, Speech, Drame in Secondary Schools
2 credits; Grading Mathod REGP-FAUD
Bldg EDU, Room 1121

Staff
Perquisite EDHD 300 and EDCI 390, or connent of instructor. The objectives, selection and
organization of subject matter, appropriate methods, lesson plans, teatbooks, and other instructional
materials, measurement and topics periment to orgibin, speech, and drama education. For in-service

EDCI 452

materials, frequencing and opins permission of the control teachers

Mathematics in Early Childhood Education 3 crodis; Grading Method: REGIP-FAUD

Masts JUN 22 to JUL 10

Bldg EDU. Room 2121

Staff

Prerequisite MATH 210 or equivalent Emphasis on materials and procedures which help pupils sense arithmetic meanings and relationships. Primarily for in-service teachers, naivery school through areast.

through grade 3 through grade 3.

Mathematica in the Elementary School 3 credits, Grading Mathod. REG.P-F.AUD

TUTh 400pm-700pm

Blog EDU, Room 2121

Johnson, M

Prerequisite. MATH 210 or equivalent Emphasis on materials and procedures which help pupils **FDCI 453**

EDCI 455

Prerequisite. MATH 210 or equivalent Emphasis on materials and procedures which help pupils sense arithmetic meanings and relationships: Primarily for in-service teachers, grades 1–6 Mothods of Tasching Mathematics in Secondary Schoola 3 credits; Grading Method REG/P-FAUD 1010 MW 4 00pm-7:00pm 5 Grading Method REG/P-FAUD 1020 methods of subject matter, appropriate methods, lesson plans, textbooks and other instructional materials, measurement and topics perinent to mathematics education. For in-service teachers 10201 Medis Jul, 13 to Jul, 31 to **FDCI 461**

Fundamentals of developmental reading instruction, including reading readiness, use of experience stones, procedures in using basal readers, the improvement of comprehension, word analysis, and procedures for determining individual needs. Primarily for in-service teachers, nursery school through

EDCI 462

EDCI 463

instruction
Teaching Writing 3 credits, Grading Method: REG P-FAUD
Bldg EDU, Room 1121
Slater, W
MV 400pm-700pm Bldg EDU, Room 1121
Sources and prevedures for developing curronium objectives and materials for teaching writing
composition, prewriting, composing, and revision procedures, contemporary directions in rhetonical
theory, survey of research on emposition isstruction
Methods of Teaching Science in Secondary Schools
3 predist, Grand Method REG P-F AUD

3 creatis. Grading Method. REG'P-FAUD

 3 creatis. Grading Method. REG'P-FAUD

 4 MTW/ThF 9 00am-12 00pm
 5 Prequisites. EDID 300. EDC1300, and consent of instructor. The study of the teachers role in secondary school science instruction preparing objectives, planning lessons, selecting and organizing for classroom and labration; instruction, determining appropriate teaching its vibroks and other instructional materials, measuring and evaluating student achievement. Includes lab and field expenses. For in-service teachers.

 501 474

 50-lence in Early Childhood Education 3 credits. Grading Method: REG-P-FAUD

 1021 Moets 2UI. 13 io JUI. 31.

 103 Moets 2UI. 13 io JUI. 31.

 104 Objectives, methods, materials and activities for teaching science in the elementary school. Primarily.

EDCI 474

MTUWTh? 900am-12 00pm Bldg EDU, Room 2212 Williams, D Objectives, methods, materials and activities for teaching science in the elementary School Primarily for inservice teachers, naivery school through grade 3.

EDIC 175 Science in the Elementary School of Jerdifs, Greding Method: REGP-F. AUD

201 MTUWTh? 900am-12 00pm MI, Williams, D Objectives, methods, materials, and activities for teaching science in the elementary School Primarily for in-service teachers, grades 1–6

EDIC 187 Timuthy for in-service teachers, grades 1–6

EDIC 187 Timuthy for in-service teachers, grades 1–6

EDIC 188 Selected 1990 Timuthy for in-service teachers, grades 1–6

Bldg, EDU, Room 2212 Williams, D Objectives, methods, materials and activities for teaching science in the elementary school Primarily for in-service teachers, grades 1–6

EDIC 187 Timuthy for in-service teachers, grades 1–6

Bldg, EDU, Room 2016 Krajcki, J Prerquisite, at least is the proshelitection of instructional expense A final-evel survey course expenses with computers. Size visits, guest speakers, and individual provice topportunities.

EDIC 188B Selected Topics in Teacher Education: Bleantennial Constitution

3 credits, Grading Method REG P-FAUD

OUT Meals JUL 13 to JUL 31

MTUWTh? 1 000m-4 00mm

0201 Meats JUL 13 to JUL 31 MTuWThF 1 00pm-4 00pm

Betts JUL 31 0 JUL 31
TUMTH 1 00pm-400pm
An interdisciplinary approach to the study of the US Constitution for elementary and secondary
teachers, designed to help teachers prepare curriculum materials for celebration of the Biscentennial of
the Constitution, fecusing on 19 September 1983. Includes selecting aspects of the history of the

		COURSE	SECTIONS: 01xx	, SESSION I
Er	•	CI cont.		
EL	•	Constitution appropriate for learners at spe	ecific developmental levels and design	gning learning strategies
EDCI 488	M	accordingly Selected Topics in Teacher Education	on: Learning Styles and Learnin	o Environments
2001 400	•••	accordingly 3 credits: Grading Methot Meets USP Advanced Studies Develo ITh 9 00am-12 00pm ITh 9 00pm-7:00pm ITh 4 00pm-7:00pm ITh 4 00pm-7:00pm ITh 4 00pm-7:00pm An opportunity to examine one's own sty	# REG P-F. AUD	ig Environmenta
0101	Ţ	Th 9:00am—12 00pm W 1:00pm—4:00pm aTh 4:00pm—7:00pm	Bidg. EDU. Room 2119	Young J
0102 0103	T	vv 1:00pm–4:00pm ₁Th 4:00pm–7:00pm	Bldg EDU Room 1121	Heidelbach, R
0201 0202	M	W 1:00pm-4:00pm iTh 4 00pm-7:00pm	Bldg EDU, Room 0114 Bldg EDU, Room 0114	Herman Jr , W Herman Jr , W
		how one functions in different learning on	suranments through direct expenses	as and raffaction
EDCI 488	٧	Selected Topics in Teacher Education	on: Teaching Visual Literacy	er and reflection
0101	Ti	3 credits, Grading Method iTh 4 00pm-7:00pm	Bldg. EDU. Room 3233	Craig, R
		Selected Topics in Teacher Education 2 aredits. Grading Method 17h 4 00pm-7:00pm Examines physiological, psychological preference and perceptual attitudes Co-concerned with the development of visual	cultural, environmental, and aes insideration will be given to perce literacy and that have influenced the	thetic bases for visual eptual theories that are teaching of art
EDCI 489 0101		rieid experiences in Education 1-4		F AUD Staff
0201 EDCI 498	Ti	me Arranged me Arranged Special Problems in Teacher Educat	Room Arranged Room Arranged	Staff
0101	Ti	me Arranged	Room Arranged Room Arranged	Staff
0201 EDCI 761	11	ne Arranged Advanced Clinical Practices in Read	ing Diagnosis 3 credits, Grading	Staff Method: REG AUD
0101	М	eets JUN 28 to JUL 31	Bido EDI J Boom 1315	Gambrell 1
		Advanced Clinical Practices in Read sets JUN 28 to JUL 31 IUWThF 9.00am—12:00pm Prerequisite. EDCI 665 Corequisite. ED situations. Administration, and interpretational conferences.	Cl 762 Diagnostic work with child ion Prescription, diagnostic instrum	ren in clinic and school ent, case report writing
EDCI 762 0101		Advanced Clinical Practices in Read	ing Instruction 3 credits, Grading	g Method REG AUD
0101	M	sets JUN 28 to JUL 31 IWWThF 1:00pm-4 00pm Prerequisite: EDCl 665 Corequisite EI school situations The development of co	Bldg EDU, Room 1315 XCI 761 Remedial instruction with	Gambrell, L children in clinic and
EDCI 780		evaluation		
0101	Τι	Th 7.00pm-10:00pm	Bldg EDU. Room 1107	Eley Jr, G
		Theory and Research on Teaching 3 Th 7:00pm-10:00pm Analysis of general theory and research of through higher education in school and no	on teaching, the interactive process n-school settings, future directions a	nd needed research
EDCI 788	Ε	Selected Topics in Teacher Educatio 3 credits, Grading Method Permission of department required.	in: Program Dasign, Assessmei I. REG AUD	nt and Evaluation
0101	Τι	Th 1:00pm-4:00pm	Bldg EDU, Room 2101	Roderick, J
		Provides a context for study and appre evaluating programs in curriculum spec assumptions, knowledge, and societal factor	relation of the complexities and vi- ralties, provides opertunities to c	alues of designing and xperience how values.
EDCI 788	G	Selected Topics in Teacher Education	n: Proseminar: Perspectives or	n Teaching
		1 credit, Grading Method Permission of department required	REG AUD	-
0101	Ti	ne Arranoed	Room Arranged	Borko, H
Early Chil	ldh	Selected Topics in Teacher Educa ood Education 3 credits, Grading Meth Prerequisite EDCI 488A and EDCI 48	nod REG AUD	aseo Curriculum III
0201	М	reterequisite EDCI 486A and EDCI 486 lets JUL 13 to JUL 31 uWThF 9:00am-12 00pm		
	м	Examination of the theoretical implication	ns of computer environments in ear	Gillingham, M is childhood education
		Practical applications of Logo with child integrating of computer into the classroom	ren including curriculum developm	ent, teaching methods,
500: 7 00				
, ,	U	Selected Topics in Teacher Education 3 credits: Grading Method Permission of department required	n: Laarning Principles for Teac I REG	ners
0201	м	V 9 00am-12:00pm	Bidg EDU, Room 2102	Garner, R
		V9 00am-12:00pm Overview of the psychological and ecomphasizes fearner and teacher strategies piloting and norming for a school-learning	ducational research literature in le Students will write a synthesis of	earning in classrooms,
EDCI 7881	v	piloting and norming for a school-learning	research study	
2001700	•	Selected Topics in Teacher Educatio 3 credits, Gradino Method Permission of department required	REG	ecung
0201	Tu	Th 9:00am-12:00pm Focuses on developing a reperiore of te	Bldg EDU, Room 2102	McCaleb, J
		rocuses on developing a repertoire of te upon those practices, and using theory a	raching practices, developing effect and research on teaching and learn	ive habits of reflection ing as a hasis for the
		upon those practices, and using theory a reflective practice, includes information p philosophical issues concerning the models	processing models, behavioral mode	els, social models, and
EDCI 788	Y	Selected Topics in Teacher Education	n: Social Context of Education	
	_	Selected Topics in Teacher Educatio 2 credits, Grading Method Permission of department required	HEG	
0201	۲	ODam-12:00pm Introduction to the profession of teachiteaching and learning, includes direct obse	Bidg EDU, Room 1107 ing and to contextual features of i	Staff the school that unpact
		teaching and learning, includes direct obse- field trips, help lahs and group activities	rvation, reflective reading and focu-	sed discussion based on
EDCI 7882	Z	Selected Topics in Teacher Education	n: Proseminar and Social Cont	ext of Education
0201		Permission of department required 00pm-4 00pm		Staff
EDC! 798		Special Problems in Teacher Educati	on 1-6 credits, Grading Method	REG AUD
0101 0201	Tir	ne Arranged ne Arranged	Room Arranged Room Arranged	Staff Staff
EDC1 700	+	Master's Thesis Research 1-6 credits	Grading Method REG	
0201	1 is	ne Arranged	Room Arranged	Staff Staff
EDCI 888 0101	Tiv	Apprenticeship in Education 1-8 cred ne Arranged ne Arranged	tite Gradian Mathod REG ALID	Staff
0201	Tir	ne Arranged	Room Arranged Room Arranged	Staff
EDCI 899 0101	Tu	Doctoral Dissertation Research 1–8 one Arranged ne Arranged	Boom Arranged	Staff
0201	Tir	ne Arranged	Room Arranged	Staff

	1 credit, Grading Method	REG	icat or coocation
	Permission of department required		
0201		Bldg EDU, Room 2101	Staff
EDC! 798	Special Problems in Teacher Educat	ion 1-6 credits. Grading Method	REG AUD
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDCI 799	Master's Thesis Research 1-6 credits	: Gradina Method REG	
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDCI 888	Apprenticeship in Education 1-8 cre-	dits Grading Method REG AUD	
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDCI 899	Doctoral Dissertation Research 1-8	credits. Grading Method REG	
0101		Room Arranged	Staff
0201	Time Arranged	Room Arranged	Statt
	ED		
EDUC		CP	
	ATION COUNSELING AND F		(EDUCATION)
SERVI	ATION COUNSELING AND F CES	PERSONNEL	(EDUCATION)
SERVI	ATION COUNSELING AND F CES BD College Aims: Cereer Planning and I	PERSONNEL Decision Making	(EDUCATION)
SERVI	ATION COUNSELING AND F CES	PERSONNEL Decision Making REG.P-F-AUD	,
SERVI EDCP 10	ATION COUNSELING AND F CES BD College Aims: Career Planning and I 1 credit, Grading Method	PERSONNEL Decision Making	(EDUCATION) Staff Staff

F	OCP cont.		
EDCD 20	6 Fleid Work 1-3 credits. Grading M	athed REC/R E/AUD	
0101	Tima Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDCP 38			Stan
		arading Melnod. HEG/P-F/AUD	
0201	Time Arranged	Room Arranged	Staff
	Time Arranged	Room Arranged	Staff
EDCP 41	 Introduction to Counseling and P 3 credits, Grading Me 	ersonnel Services	
0101	MW 4 00pm-7:00pm	Bldg EDU, Room 3233	Power, P
0201	TuTh 4 00pm-7.00pm	Bldg EDU, Room 3233	Strain, W
	Presents principles and procedures.	and examines the function of co	unselors, psychologists
	schools, school social workers, and of	her personnel service workers	amerors: psychologists
EDCP 41			P.F/ALID
	MW 4 00pm-7.00pm	Bidg EDU, Room 3233	Lawrence, R
OLU,	The nature and property of groups, 1	nteraction analysis developmental p	harer leader hip dupon
	and styles, roles of members and in	temor analysis, developmental p	hases, readership dynan
	hased learning	erpersonal communications Labora	tory involves experime
EDCP 42		Control Market DEC MAD	
EDUP 42	Meats USP Advanced Studies Ana	Stading Metrico HEG/AUU	
0101			
0101	TuTh 4 00pm-7 00pm	Bidg EDU, Room 0114	Spokana, A
	Strategy development for counselors		
EDCP 61			
0101	MW 4 00pm-7 00pm	Bldg. EDU, Room 3236	Spokana, A
	Research and theory related to career	and educational decisions, programs	of related information
	other activities in career decision		
EDCP 61	4 Personality Theories in Counselling 3 credits, Grading Me.		
0101	TuTh 4:00pm-7 00pm	Bldg EDU, Room 3236	Teglasi-Golubco, I
	Examination of constructs and research		
	significance for working with the beha		nes with emphasis on t
EDCP 61	7 Group Counseling 3 credits, Grad		
	TuTh 4 00pm-7.00pm	Bldg EDU, Room 3236	Lawrence, R
0201	Prerequisite EDCP 616 A survey		
	psychotherapy with an introduction to	or theory, research and practice	or group counsering
	psychotherapy with an introduction to	growth groups and the laboratory at	proach, therapeutic rac
	in groups, composition of therapeut	ic groups, problem clients, therap	eutic techniques, resea
	methods, theories, ethics and training	of group counselors and therapists	
EDCP 79		and Parsonnal Services	
	1-6 credits, Grading N		
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDCP 79	9 Mester's Theais Research 1-6 cre	edits, Grading Method REG	
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDCP 88			
	1-8 credits, Grading N		
0101	Time Arranged	Room Arranged	Staff
	Time Arranged	Room Arranged	Staff
EDCP 88			
	Time Arranged	Room Arranged	
0201			Staff
U2U1 EDCP 89	Time Arranged	Room Arranged	Staff
			Staff
	Time Arranged Time Arranged	Room Arranged Room Arranged	Staff

EDUCA	ITION, HUMAN DEVELOPI	MENT	(EDUCATION)
	Human Development and Learning		P-F-AUD
0101 N	MTuWThF 9 30am-12 20pm	Bldg EDU, Room 3315	Bennett, S
02 01 N	MTuWThF 9:30am-12:20pm		Flatter, C
	Open only to students approved for teach		
	development, and learning and the impli-		
	an individual child and a classroom pa require a one-half day per week assign		
	scheduled for field assignments in an ele		
	in Each group is under the supervision of		
	in a seminar session	The second of th	
EDHD 306			
	Meets USP Distributive Studies (D) S		
0201 N	MW 4 00pm-7.00pm	Bldg EDU, Room 3315	Staff
	This course is planned for and limited to and it does not satisfy the requirements		
	is designed to introduce students to the so		
	describe human behavior, development		
	principles in the study of individual ch	ildren and youth Each student w	ill observe, record, and
	analyze the behavior of an individual thro	oughout the semester and must have	one half-day a week for
	this purpose		
EDHD 320 0101 T	Human Devalopment Through the L FuTh 4 00pm-7 00pm	Bldg EDU, Room 3315	Koopman, E
	AW 4 00pm-7 00pm	Bidg EDU, Room 0202	Staff
	Central concepts related to parameters		
	throughout the various stages of the lifesp	an Continuity and change within th	
EDHD 350			
0404 4	3 credits, Grading Metho		A. 1
	MW 4 00pm~7 00pm fuTh 7.00pm~10:00pm	Bldg EDU, Room 3315 Bldg EDU, Room 3315	Gardner, A Green, H
0201	An exploration of personality dynamic	s including self-study expenences	
	student's personal growth and self-insight		
	which enhance optimal development in sn		
EDHD 386		od REG:P-F'AUD	
2404 7	Permission of department required		o
	rime Arranged	Room Arranged Room Arranged	Staff Staff
EDHD 387			Sian
EDITE 001	Permission of department required	uning memos ries r rios	
	ime Arranged	Room Arranged	Staff
	ime Arranged	Room Arranged	Staff
EDHD 411			
	/W 7 00pm-10 00pm uTh 4 00pm-7 00pm	Bidg EDU, Room 3315 Bidg EDU, Room 3315	Hunt, E Tyler, B
0201 1	Growth and development of the child		
	emphasis on development sequences in		
	understanding and working with young ch	ildren in the home, school, and other	er settings
EDHD 413		Grading Method REG/P-F-AUD	
	Meets USP Advanced Studies Analys		
	uTh 7:00pm-10:00pm uTh 7:00pm-10:00pm	Bldg EDU, Room 3315 Bldg EDU, Room 2101	Gardner, A Matteson, R
0201	A study of the interplay of physica		
	development, learning and adjustment du		
	course cannot be used to meet the psycho		

E	OHD cont.		
EDHD 44	15 Guidence of Young Children 3 cc	edits: Gradino Method: REG/P-E	AUD
	Maets USP Advanced Studies Ana	lysis of Human Problams require	ment.
0101 0102	MW 4:00pm-7:00pm	Bidg. EDU, Room 1107	Marcus, R Marcus, R
0201	Maets USP Advanced Studies Ana MW 4:00pm-7:00pm TuTh 4:00pm-7:00pm TuTh 4:00pm-7:00pm	Bldg. EDU, Room 2102	Staff
0202	MW 7:00pm-10:00pm Prerequisite: PSYC 100, EDHD 300,	Bldg. EDU, Room 3315	Mattason, R
	understanding of young children fr individual and group problems.	om differing home and commun	ity backgrounds; study of
EDHD 46	60 Educational Psychology 3 credits	Grading Method: REG/P-F/AUD)
0101	50 Educational Psychology 3 credits TuTh 7:00pm-10:00pm MW 7:00pm-10:00pm	Bldg. EDU, Room 2102	Hunt, E
0201	Prerequisites: PSYC 100 or EDUC	300 or equivalent Offers an ex	Eliot, J amination of research and
	Prerequisites: PSYC 100 or EDUC problems in educational psychology	Includes consideration of measurer	nent and the significance of
	problem solving, understanding, think	ing, and communicating knowledge	The course is intended to
	provide an overview of educational probe substituted for EDUC 300 by regula	sychology with an emphasis on lea	rning processes. It may not
EDHD 49	Special Problems in Education 1	ariy matriculated students in the teat	ner education program.
0101	Time Arranged	Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
Non-Trac	9P Workshops, Clinics, and Institut ditional Families 3 credits; Grading Me	thod: REG:AUD	Children of Divorce of
0101			
	Utilizing a seminar format, this cou- children in non-traditional and divo	rese examines the divorce experient	ce from the perspective of means by which school
EDHD 49	9S Workshops, Clinics, and inetitute 3 credits; Grading Met	s: Conflict Resolution in Education REGIALID	ational Settings
0101	MW 4:00cm-7:00cm	Bldg. EDU. Room 0206	Staff
	Emphasizes an experimental approa participate in selected role plays les	ch to conflict resolution in educa	tional settings Participants
	Conflict, power and conflict managem	ent are included	
EDHD 49	9T Workshops, Clinics, and Institute 1 credit; Grading Meth	a: Conflict and Powar Utilization	n Lab
	Permission of department required	IOO: HEG	
0101	Meets JUN 21 to JUN 26		Markata and I
	Time Arranged This conflict and power utilization	Room Arranged laboratory is designed to enable p	Henkelman, J articipants to increase their
	understanding of power in a variet	y of interpersonal and inter-grou	p settings. May be taken
EDHD 60	Introduction to Human Devalopm 3 credits; Grading Mei MW 7:00pm-10:00pm MW 7:00pm-10:00pm An exercise of the multidisciplinary	995 ent end Child Study	
	3 credits; Grading Mei	hod: REG/AUD	
0101 0201	MW 7:00pm-10:00pm MW 7:00pm-10:00pm	Bldg. EDU, Room 1121	Milhollan, F Green, H
0201	An overview of the multidisciplinary	, scientific principles which descri	be human development and
	An overview of the multidisciplinary behavior and an application of these p observation, recording, and analysis	principles in an analysis of a behavior	oral record Techniques of
EDHD 61	8P Advanced Scientific Concepts of Divorce or Non-Traditional Familie MW 7:00pm-10:00pm	In Human Development: Role	e of the Teacher with
0101	MW 7:00pm-10:00pm	Bidg. EDU, Room 2101	Koopman, E
	Utilizing a seminar format, this cou- children in non-traditional and divo	rse examines the divorce experien	ce from the perspective of
	personnel may meet the special needs	of these children.	s means by which school
EDHD 61	personnel may meet the special needs 9S Advanced Scientific Concepts nal Setting 3 credits; Grading Method: MW 4:00pm-7:00pm	In Human Devalopment:	Conflict Resolution in
Educatio 0101	MW 4:00cm-7:00cm	Bldg. EDU, Room 0206	Staff
			tional settings. Participants
	participate in selected role plays les Conflict, power and conflict managem	arning the skills of negotiating, i ent are included.	neditating, and arbitrating.
EDHD 72	1 Learning Theory and the Educati	va Process I 3 credits; Grading	Method: REG/AUD
0101 0201	1 Learning Theory and the Educati TuTh 7:00pm-10:00pm TuTh 7:00pm-10:00pm	Bidg. EDU, Room 2101	Milhollan, F
5201	Major theories, issues and research	h in learning and cognitive deve	lopment. Emphasis on the
EDHD 78	application of these theories to educati	on and the helping professions	
0101	Time Arranged	Room Arranged	Staff
0201	Tima Arranged	Room Arranged	Staff
EDHD 79 0101	Time Arranged	-b creats; Grading Method: HEG Room Arranged	Staff
0201	Time Arranged	Room Arranged	Staff
EDHD 79 0101	Tima Arranged	edits; Grading Method: REG Boom Arranged	Staff
0201	Tima Arranged	Room Arranged	Staff
EDHD 88	8 Apprenticeahlp in Education 1-8 Time Arrangad	credits; Grading Mathod: REG:A Room Arranged	UD Staff
0201	Time Arranged	Room Arranged	Staff
EDHD 88 0101	Internable in Education 3–8 credit	Is; Grading Method: REG/AUD	Staff
0201	Time Arranged Time Arranged	Room Arranged	Staff
EDHD 89	9 Doctoral Dissertation Research 1	-8 credits: Grading Method: REC	3
0101 0201	Time Arranged Time Arranged	Room Arranged Room Arranged	Staff Staff
		DIT	
INDUS	STRIAL, TECHNOLOGICAL	_ AND OCCUPATION	AL
EDUC	ATION		(EDUCATION)
EDIT 101	Mechanical Praying 1.2 credits: G	rading Mathod: REGIALID	. ,

INDUSTRIA	IL, TECH	INOLOGIC	AL AND C	ICCUPATIONAL	_
EDUCATIO	N				(EI

Mechanical Drawing 1 2 credits: Grading Method: REG/AUD

MW 5.00pm-10.00pm

An introduction to orthographic multi-view and isometric projection. Emphasis on the visualization of an object when it is represented by a multi-view drawing and on the making of multi-view, drawings. Auxiliary views, sectional views, dimensioning, conventional representation and single stroke letters. **EDIT 102**

EDIT 121

struct etters.

Fundamentals of Woodworking 3 credits, Grading Method. REGP-F/AUD

MTuWTh: 100pm-400pm

Bldg, JMP, Room 1210

Smith, J

MTuWTh: 100pm-400pm

An onenation into the woodworking industry with regard to materials, products and processes while providing skill development in the care and use of hand and power tools

EDIT 114 Principles of Typewriting 2 credits: Grading Method: REG
MTuWTh F 9:30am-10:50am
Bidg, JMP, Room 2115
Perequisite: consent of instructor The attainment of the ability to operate the typewriter continuously with reasonable speed and accuracy by the "touch".

Mechanical Drawing II 2 credits; Grading Method: REG/AUD N 5:00pm-10:00pm Bldg, JMP, Room 2229 MW 500pm-1000pm Blog. JMP, Room 2229 Pelzar, W
Prerequisite: EDIT 101. Working drawings, machine design, pattern layouts, tracing and
reproduction. Detail drawings followed by assemblies.

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EDIT cont.
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EDIT 232

EDIT 180 Design Illustrating I 2 credits; Grading Method: REG/P-F/AUD Bldg. JMP, Room 2229 D201 TuTh 5:00pm—10:00pm Bldg. JMP, Room 2108 Peizar, W Intended for advertising, interior and landscape design majors. Experience in the use of instruments, equipment, and materials, lettering line technique; geometric construction; and projection theoret. Emphasis on pictoral representation, particularly isometric, oblique, and one and two point perspective.

FDIT 202

Machine Woodworking 3 credits; Grading Method: REG/P-F/AUD
MTuWThF 100pm—400pm
Blog JMP, Room 1210
Smith, J
MTuWThF 100pm—400pm
Blog JMP, Room 1210 (LAB)
Prerequisite: EDIT 102 or equivalent The development of comprehensive knowledge of machine woodworkin with emphasis on mass production practices, speciality cuts, laminating procedures, machine maintenance, and consumer understanding

Organized and Supervised Work Experiences I 3 credits; Grading Method: REGIP-F:/AUD Students must meet with instructor during first week.

Med Arranged Hoom Arranged Hunter, A Hoom Arranged Hunter, A **EDIT 224** Time Arranged

Time Arranged Hunter, A Elkins, R Time Arranged Room Arranged A work experience for students enrolled in the industrial technology program. Opportunities for first-hand experiences with business and industry. The student is responsible for obtaining his own

instrume experience with missiness and minusery lies sudered in responsibility for obtaining its own employment with the coordinate advising him in regard to the job opportunities which have opinium 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 internship must be served through continuous employment in a single establishment.

Fundamentale of Automotive Technology 3 credits; Grading Method: REG/P-F-AUD W 400pm-10 00pm Bldg, JMP, Room 2123 Edmondson, P W 400pm-10 00pm Bldg, JMP, Room 1229 (LAB) MW 4:00pm-10:00pm MW 400pm-10-00pm
Blog. JMP, Room 1229 (LAB)
Designed for non-industrial education majors interested in learning the theory and practical operation of the automobile Mechanical, lubrication, cooling, fuel and electrical systems.

of the automobile Mechanical, librication, cooling, fuel and electrical systems.

Graphic Communications 3 oredits; Grading Matton-REGP-F-AID

TUVTIF 9.00am-12.00pm

Bidg JMP, Room 2222 McLaughlin Jr., C

Graphic reproduction processes and related areas used to communicate. Offset, letterpress, screen, graving flexographic, and electrostatic duplication: and relevant history, safety, layout and design, composition, photo conversion, image carmers, image transfer, finishing, bilding, paper and EDIT 234 MTuWThF 9:00am-12:00pm MTuWThF 9:00am-12:00pm

Introduction to Plastics Technology 3 credits. Grading Method: REG/P-FAUD
11h 400pm-10.00pm
1th 400pm-10.00pm
1th 400pm-10.00pm
1blgg_MMP, Room 1216 (LAB)
Lecture and laboratory. An overview of the plastics industry including properties of plastics, major polymens of the plastics industry and basic medicing processes **EDIT 291** TuTh 4:00pm-10:00pm TuTh 4:00pm-10:00pm

EDIT 324

Dyganized and Supervised Work Experiences II 3 credits; Grading Method, REG-P-F AUD
Time Arranged

A work experience for students enrolled in the industrial technology program. Opponuntues for
first-hand experiences with husiness and industry. The student is responsible for obtaining his own inst-hand experiences with fusiness and industry. In student is responsible for obtaining its own employment with the coordinator advising thm in regard to the job opportunities which have opinium learning value. The nature of the work experience despred 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 internship must be served through continuous employment in a single establishment.

DIT 350 Methods of Teaching: Trades and Industry Education
3 credits, Grading Methods. RECIP-FAUD

0201 MTuWThF 8:00am-9 200am Bilg. JMP, Room 3225 Schuma, J
Intended for vocational and occupational teachers. The identification and analysis of factors
essential to helping others learn; types of teaching situations and techniques, measuring results and
grading student progress in shop and related technical subjects

EDIT 360 Industrial Production 0101 TuTh 7.00pm-10.00pm Industrial Production Technology 3 credits; Grading Method: REG/P-FAUD
Mittoutrial Production Technology 3 credits; Grading Method: REG/P-FAUD
Mittoutrial Production Technology 3 credits; Grading Method: REG/P-FAUD
Metus, W
Prerequisite: EDIT 26 or consent of instructor Principles of industrial and laboratory organization.
Economics of production, capital equipment, labor costs, cost of inaterials. Industrial plant stiting,
environmental considerations, plant ayout and design. Engineering decisions for production,
methods analysis, value analysis, quality control. Industrial relations.

Pleatice Processing Fundamentals 3 credits, Grading Method: REG.P-F./AUD
TuTh 4:00pm-10:00pm
Bldg, JMP, Room 1202
Mason, R
TuTh 4:00pm-10:00pm
Bldg, JMP, Room 1216 (LAB)
Lecture and laboratory Prerequisite: EDIT 391 or permission of the department Expenence with
plastics production equipment including an intensive study of thermoplastic and thermosetting resins
and their fabrication processes.

N101 Word Processing MW 4:00pm-7:00pm

Word Processing 3 Grading Method REG AUD
W400pm-700pm
W400pm-700pm
Bigg. 3 Grading Method REG AUD
Boyce, J
An introduction to the word processing field with emphass on word processing theory and concepts
including hands-on-equipment training. Management of office personnel, procedures, and equipment
the incroporation of word processing into the school curreculaum, the automated office of the future
and career opportunities. On-site field experiences are scheduled throughout the course

FDIT 434

and careér opportunités Dn-site field experiences aur scheduled throughout the course

DIT 4.4 Color Reproduction in Graphic Communications

O101 MW 4 00pm-10:00pm

MW 4 00pm-10:00pm

MW 4 00pm-10:00pm

Percequisite. EUT 334 or equivalent An advanced course in the theory and processes of color graphic reproduction Continuous ione color photography. flat color preparation, process color separations and the reproduction of a multi-color product on a semi-automatic or automater or automater or international continuous consistence.

Tests and Measurements 3 credits, Grading Method. REG.P-F:AUD
TuTh 7.00pm-10:00pm Bldg, JMP, Room 3201 Slough, K
The construction of objective tests for occupational and vocational subjects. Use of measures in
domains of learning and examination of lest analysis techniques.

Palzar, W 0101 Pelzar, W

Prerequisite EDIT 160 Advanced drawing, rendering, shadow construction, lettering techniques and advanced pictorial representation techniques

aviance pricoral representative records: Grading Method: REG.P.F.AUD 1
TuTh 400m-700pm Bldg, JMP, Room 2202 Staff
The underlying principles of guidance and their application to the problems of educational and occupational adjustment of students of all ages

EDIT 462

Occupational adjustment of suscens or an ages Occupational Analysia and Course Construction 3 credits: Grading Method: REG P-F AUD ITUWThF 12:30pm-10:50am Bldg JMP, Room 1202 Bldg JMP, Room 1202 MTuWThF 9:30am-10:50am MTuWThF 12:30pm-2:00pm

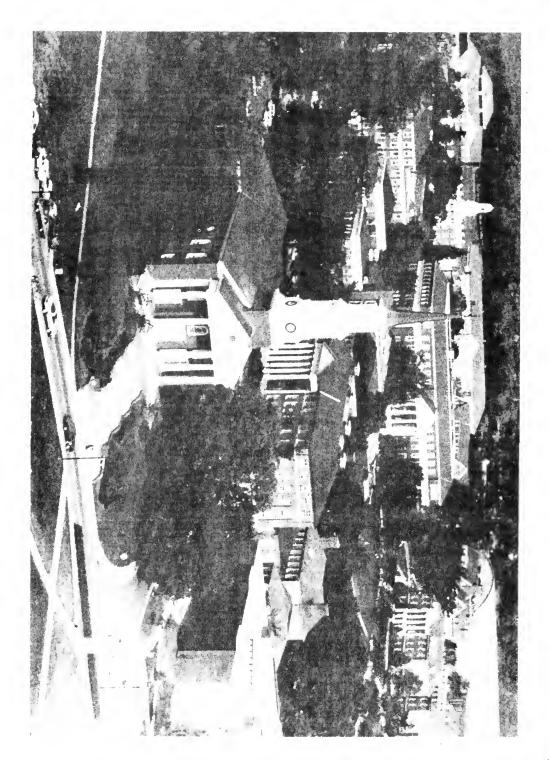
Application of the techniques of occupational and job analysis concepts to instructional development and the design of occupational programs. 4 Laboratory Organization and Management 3 credits, Grading Method: REG.P-F AUD TuTh 400pm-7.00pm Bidg, JMP, Room 2202 Beatty, C MTuTh 100am-12 20pm Bidg JMP, Room 2202 Beatty, C EDIT 464

The basic elements of organizing and managing an industrial education program, the selection of equipment, facility development, legal responsibilities of laboratory instructors, inventory, and storage control

COURSE SECTIONS: 01xx, SESSION I
EDIT cont.
EDT 471 History and Principles of Vocational Education 3 creates. Grading Method REGP-FAUD 1010 MW 400pm-7000pm Bildg JMP, Room 1202 Luekkeneyer, J. The development of vocational education from primitive times to the present with special emphasis given to the vocational education movement with the american program of public educations.
Application of Technology to Societal Problems 3 credits Grading Method REGP-F-AUD Meets USP Advanced Studies Analysis of Human Problems requirement 1010 MW 7-00pm-10-00pm Bigg JMP, Room 3104 Usask, K 1010 MWWThF 11:00am-12 20pm Bigg JMP, Room 3104 Usask, K
A study of alternative solutions of a technological nature with respect to such areas as housing, transpontation, energy, communications, production, trash and waste disposal, water development, and pollution control
EDIT 486 Field Experiences in Merketing and Distributive Education 3 oredits, Grading Method: REG P-F/AUD 3 oredits, Grading Method: REG P-F/AUD Anderson, C
EDIT 488R Selected Topics in Education: Robots in Industry
3 credits, Grading Method, REG.P-F-AUD 1010 MW 7:00pm-10:00pm Bidg JMP, Room 2201 Milligan, D
EDIT 498 Special Problems in Education 1–6 credits, Grading Method, REG/P-F AUD 0101 Time Arranged Room Arranged Staff 0201 Time Arranged Staff
EDIT 499D Workshops, Clinics, and Institutes: Workshop in Vocational Education (T and I) 1 credit; Grading Method REG P-F-AUD
0201 Time Arranged Room Arranged Maley, D
Lecture and participation workshop sessions will provide introductory experiences for the beginning wocational teacher. The focus will link content, school and student to better prepare the beginning teacher for the art of teaching.
EDIT 499R Workshops, Clinica, and Inetitutas: Work Experienca, Trade Advancement 1–6 credits, Grading Method: REG P-F/AUD
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff
Student must make prior arrangements with an advisor to participate in workshops that are formally arranged by corporations, businessess, others—and document their participation. One Aeck (40 hours) participation along with a written implementation plan is needed per credit.
EDIT 499T Workshops, Clinics, and Inatitutes: Curriculum Modification for Career Vocational Education for the Handicapped 3 credits; Grading Method: REG Permission of department required
0101 Meets MAY 29 to JUN 28 Time Arranged Room Arranged Beatty, C Seminars and simulation activities will be utilized to modify curriculum handicapped-disadvantaged students for laboratory based activities
EDIT 600 Administration and Supervision of Business Education 3 credits: Grading Method REG-AUD
0101 MW 400pm-700pm diguidades and the school program. Organization and its role in the school program, cumculum, equipment, budget-making, supervision, guidance, placement and follow-up, school-community relationships, qualifications and selection of teaching staff, visual aids, and in-service programs for teacher development. For administrators, supervisors, and teachers.
EDIT 644 Curriculum Trends in Business Education 3 creatis; Grading Method REG AUD 0101 MW 700pm-10 CDpm Bidg JMP, Room 3105 Boyce, J Recent developments in educational thinking and practice which have affected the curriculum in business education
EDIT 788P Selected Topics in Education: Phenomonological Inquiry 3 credits, Grading Method. REG AUD
0101 TuTh 4 00pm-7.00pm Bldg. JMP, Room 3225 Hultgren, F
EDIT 798 Special Problema in Education 1–6 credits; Grading Method REG AUD 0101 Time Arranged Room Arranged Staff 0201 Time Arranged Staff
EDIT 799 Master's Thesis Research 1–6 credits: Grading Method REG 0101 Time Arranged Staff 0201 Time Arranged Staff Room Arranged Staff
EDIT 888 Apprenticeship in Education 1-3 credits, Grading Method: REG/AUD 1010 Time Arranged Staff 0201 Time Arranged Staff Time Arranged Staff
EDIT 889 Internship in Education 3–8 credits, Grading Method: REG AUD 1010 Time Arranged Staff 10201 Time Arranged Staff 10201 Time Arranged Staff
EDG 000 D. A101 - 1.01 - 0.01 - 0.01 - 0.01

0101 0201	Internship in Education 3–8 cre Time Arranged Time Arranged	dits, Grading Method: REG-AUD Room Arranged Room Arranged	Staff Staff
EDIT 699 0101 0201		1-8 credits, Grading Method. REG Room Arranged Room Arranged	
MEAC	UREMENT, STATISTICS,	DMS	(EDUCATION
MEAS EDMS 45		, AND EVALUATION tistica 3 credits, Grading Method F	(EDUCATION
0101 0201	Meets USP Advanced Studies D MTuWThF 8:00am-9 20am MTuWThF 9:30am-10 50am Designed as a first course in stat applications of descriptive statisti	evelopment of Knowledge requirem Bidg EDU, Room 4233 Bidg EDU, Room 2119 istics for students in education. Em cs, including measures of central central statistics through one-way ANO*	ent Staff Benson, J phasis is upon educationa tendency, variability and
EDMS 64 0101 0201	MTuWTh 4 30pm-6 10pm MTuWThF 9.30am-10.50am An introduction to research desig phenomena Instruments and their ar- instruments Statistical procedures as	1.3 credits, Grading Method: REG. Bldg EDU, Room 4233 Bldg EDU, Room 4233 Bldg EDU, Room 4233 in principles and the scientific metho propriate to the analysis of data fro tation and research design are emphasa	Schafer, W Macready, G d as applied to behavioral instruction of simple datality and validity of suc- m simple research designs
EDMS 64 0101 0201	MTuWTh 7:00pm-8 40pm MTuWThF 8:00am-9:20am Prerequisite EDMS 645 Special designs Instrumentation to measure	II 3 credits, Grading Method REG Bldg EDU, Room 4233 Bldg EDU, Room 4233 problems ansing in the implementative attitudes and collection of ques- to the analysis of education resessant design are emphasized.	Schafer, W Macready, G on of educational research tionnaire data Additional
EDMS 79 0101 0201		1–6 credits, Grading Method: REG Room Arranged Room Arranged	AUD Staff Staff
EDMS 79 0101 0201	9 Master's Thesis Research 1–6 of Time Arranged Time Arranged	credits; Grading Method. REG Room Arranged Room Arranged	Staff Staff
EDMS 89 0101 0201	9 Doctoral Dissertation Research Time Arranged Time Arranged	1-8 credits, Grading Method: REG Room Arranged Room Arranged	Staff Staff

)2xx, SESSION II (4
FD1104	TION, POLICY, PLAN	DPA	
ADMINI:	STRATION	(EDUC:	ATIO
EDPA 201	Meets USP Distributive Studies	umerican Society 3 credits, Grading Method. REG/1 s (D) Social and Behavioral Sciences requirement, Bldg. EDU, Room 2119 Noll, J hip between education and the social environment in co	P-F/AUC
0101 M	W 7:00pm-10:00pm An examination of the relationsh	Bldg. EDU, Room 2119 Noll, J	ntempor
	American society Issues of equ	uanty or equal opportunity, individual and cultural	different
EDPA 301	Foundations of Education 3 c	redits: Grading Method REG/P-F/AUD	
0101 M 0102 Tr	IW 4:00pm-7:00pm uTh 7:00pm-10:00pm uTh 4:00pm-7:00pm	Bldg. EDU, Room 2119 Noll, J Bldg. EDU, Room 2119 Huden, D	
0201 To 0202 M	uTh 4:00pm-7:00pm W 7:00pm-10:00pm	Bldg. EDU, Room 2119 Male, G	
OLOL III	Prerequisites EDHD 300, compl	letion of at least 90 hours and approval for admission	to teac
	Considers education as a profess	control of education, and the future of education. reedits: Graeding Method REG/P-FAUD Bldg, EDU, Room 2119 Bldg, EDU, Room 2119 Bldg, EDU, Room 2119 Bldg, EDU, Room 2101 Agre, G letion of at least 90 hours and approval for admission ultral, and philosophical foundations of Amencanion, and the organizational structure, operation and we education and contemporary sisses are included	function
EDPA 400	The Future of the Human Com	ive education and contemporary issues are included inmunity 3 credits. Grading Method: REG/P-F/AUD	
	Meets USP Advanced Studies	numunity 3 credits, Greding Method: REG/P-F/AUD Analysis of Human Problems requirement. Bidg. EDU, Room 0114 Bidg. EDU, Room 0114 Lindsay, R Bidg. EDU, Room 2119 Lindsay, R	
0201 M	W 4 00pm-7:00pm W 7:00pm-10:00pm uTh 7 00pm-10:00pm	Bldg. EDU, Room 0114 Lindsay, R	
0202 T	Examination of the future of ou	Bldg. EDU. Room 2119 Lindsay, R ur social and cultural institutions for education and chealth and leisure, information exchange, and the provisi	ıld rear
	social and family relationships, he clothing, and shelter	alth and leisure, information exchange, and the provisi	on of fo
EDPA 488G	Special Topica in Education	Policy and Administration: Technology, Social IEG/AUD Bldg. EDU, Room 2102 Splaine, J	l Char
0101 M	W_7:00pm=10.00pm	Bldg. EDU, Room 2102 Splaine, J	
	computer-like? Are we losing the h	n on the learning process. Does learning from a compute human element in our schools and colleges?	r make
EDPA 498 0101 Ti	Special Problems in Education me Arranged	in 1–3 credits; Grading Method: REG/P-F/AUD Room Arranged Staff	
0201 T	me Arranged	Room Arranged Staff	
EDPA 622 0101 M	W 4:00pm-7.00pm	Ion Policy 3 credits; Grading Method: REG/AUD Bldg. EDU, Room 2102 Hopkins, F	1
	and ideologies and as it structures	ent of instructor. The study of education policy as it ref	lects val
EDPA 635 0101 To	Principles of Curriculum Dave	elopment 3 credits; Greding Method: REG/AUD Bldg. EDU, Room 2102 Berman, L	
0,0,	Curriculum planning, improveme	ent, and evaluation in the schools, principles for the se earning experiences, ways of working in classroom and	lection
	curnculum improvement		1 school
EDPA 660 0101 M	Administrative Foundations 3 W 4 00pm-7:00pm	credits, Grading Method. REG Bldg. EDU, Room 2101 Intriligator,	В
0.0.	Develops a theoretical and researc	ch based structure for the study and practice of administr	ation in
	indicating the multidisciplinary na-	g the student to selected contributors to administrative stude of administrative study as it relates to purpose-de-	erminat
EDPA 661	policy-definition, and task-accompl Administrative Behavior and C	Organizational Management	
0201 M	3 credits; Grading W 4 00pm-7.00pm	Method: REG/AUD Bldg. EDU, Room 2102 Goldman,	н
	A cruical analysis of organization	ial management (informal and formal dimensions), an as	sessmen
	and the governance of organiza	(traditional and emerging) to the study of administrations, and an analysis and assessment of the administrativity as determinants of behavior. The theoretical a	ninistrate
	bases for these areas and such rel	lated concepts as status, role, systems, interpersonal re	no resea lations,
EDPA 663	sensitivity training are examined Policy Formulation in Education	on 3 credits: Grading Method, REG/AUD	
0201 T	JTh 7:00pm-10:00pm	Bidg. EDU, Room 2102 Stephens,	E
	and evaluation issues are studied	ion 3 credits; Grading Method. REG/AUD Bldg. EDU, Room 2102 Stephens, at all levels of school governance Policy formation, ad Conceptual and analytical models for the study of polic	y
0101 M	eets JUN 22 to JUL 10	Administration 3 credits; Grading Method: HEG/A	UU
м	TuWTh 4:00pm-7:00pm An introduction to principles and	Bldg EDU, Room 0202 McLoone, practices in the administration of the public school finan- get, and the function of finance in the educational p	E ice activ
	Sources of tax revenue, the budgeonsidered.	get, and the function of finance in the educational p	rogram
EDPA 690	Research Issues in Education	Policy, Planning and Administration Method: REG/AUD	
0201 M			
	Prerequisite consent of department various modes of conceptualization	ent An introduction to the practice of research and a on, problem identification, and research design used in	survey
EDPA 700	education policy, planning, and ad-	Iministration In Education 3 credits; Grading Method, REG/AU	n
0101 T	Th 4.00pm-7:00pm	Bldg EDU, Room 2101 Huden, D	
	sociology, anthropology, and com	Bldg EDU, Room 2101 Huden, D on research, emphasizing the paradigms of philosoph oparative studies as they rely on narrative rather than	guantita
EDPA 788D	Special Topics in Education P	Policy and Administration: Managing Productive	School
0201 M	3 credits; Grading	Policy and Administration: Managing Productive Method: REG/AUD	
M	eets JUL 13 to JUL 31 TuWTh 1.00pm-4.00pm	Bldg. EDU, Room 2101 Dudley, J roductive Schools is designed to meet needs of principa supervisors of instruction who are interested in developing	
	principals, department heads, and	supervisors of instruction who are interested in developing	ng skill
EDPA 788G	Special Topics in Education	is critical to the development of a highly productive scho Policy and Administration: Development of L	ला eadera
Behavlor 3 0201 M	credits, Grading Method, REG AU eets JUL 13 to JUL 31 TuWTh 9:30am-12:40pm	טט	
M	TuWTh 9:30am-12.40pm A practically oriented course for	Bldg. EDU, Room 2101 Goldman, cusing on development of leadership behaviors in hum	H nan sen
FDD4 702	organizations Emphasis on develop	ping social exchange skills	
	me Arranged	n 1-6 credits, Grading Method: REG/AUD Room Arranged Staff	
0201 Ti EDPA 799	me Arranged Master's Thesis Research 1-6	Room Arranged Staff	
0101 Ti	me Arranged me Arranged	Room Arranged Staff Room Arranged Staff	
0201 11	Curriculum Theory and Rasea	rch 3 credits: Greding Method REG/AUD	
EDPA 837	Prerequisite: EDPA 635 Critical:	and analytic review of major themes, concepts and lang	uage for
0201 To	relevant to current curriculum theor	ry and research	
0201 To	College and University Develo	opment 3 credits: Grading Method REG/ALID	
0201 To	College and University Develor Th 4:00cm-7:00cm	ppment 3 credits; Grading Method REG/AUD Bldg EDU, Room 2119 Carbone, F	4
0201 To	College and University Develor Th 4-00pm-7:00pm Identification and acquisition of e nature of philanthropy, foundate	extramural fiscal resources for institutions of higher edu- ion solicitation, alumni administration, publications	cation 7
0201 Ti EDPA 851 0101 Ti	College and University Develor ITh 4:00pm-7:00pm Identification and acquisition of e- nature of philanthropy, foundati- relations, and funding agency relati-	extramural fiscal resources for institutions of higher edu- ion solicitation, alumni administration, publications	cation 1



	S	P

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DUCATION.	SPECIAL			

(EDUCATION)

EDSP 210 Introduction to Special Education 3 credits. Grading Method REG/AUD et al. 1989.

201 TuTh 4.00pm-700pm Bidg EDV, Room 1315 Liber, J Bidg EDV, Room 1315 Time Arranged Time Arranged Room Arranged

Room Arranged Pre- or corequisites EDSP 400 and 404 Practicum experience in settings serving severely handicapped individuals. Enrollment limited to those admitted to severely handicapped specualty area Field placement for two to five half-days get week.

Fleid Placement: Early Childhood Special Education I 2-3 credits; Grading Method REG Permission of department required. Students without the required pre- or corequistles can register for this course with departmental approval. Not open to undergraduate special education majors for this term. **FDSP 421**

Time Arranged Time Arranged 0101 Room Arranged Room Arranged Staff ne Arranged

Per- or corequiste. EDSP 429. Practicum expendence in setting: serving preschiot handicapped children. Opportunities for studying the patterns of development and learning among nonhandicapped and handicapped infauts and older preschoolers. Enrollment Innited to students admitted to early childrhood specially. Field placement for two or three Fall-days per week.

Field Placement: Educationally Handicapped 12-3 credits: Grading Method REG Permission of department required. Students without the required co- or prerequists can register for this course with departmental approval Not open to undergraduate special FDSP 442

education majors for this term. Time Arranged Time Arranged Room Arranged Room Arranged 0101

Pre- or corequisite: EDSP-441 Practicum capernace in settings serving educationally handscapped individuals. Demonstration of the content of EDSP-440 and 441 Enrollment limited to Special Education imagors admitted to educationally handscapped specially Field Placement: Career/Vocational I 2-3 credits: Grading Method REG

Permission of department required. Students without the required pre-or corequistes can register for the course with departmental approval. Not open to undergraduate special education majors for this term. Room Arranged 0101 Time Arranged

me Arranged — Room Arranged Slaff — Room Arranged Slaff — Room Arranged — Room Arranged — Pre- or cocquiste. EDSP 460. Visition and observation of sites released to careerivocational education for the handicapped, including various program models such as special center-based, comprehensive school-based, vocational center-based, community-based, and public and provide sheltered and open employment use. Emollment thimted to special decuration migray admitted to cureerivocational area of specialization. Field placement for two or three half-days per week Introduction to Specialization according to Grading Method Red AUD.

FDSP 470

1 Introduction to Special Education of Creditis, Instantial International Not Open to undergraduate special education majors MW 4-00pm-7-00pm Bldg EDU, Room 112 TuTh 7-00pm-10 00pm Bldg EDU, Room 115 MW 4-00pm-7-00pm Bldg EDU, Room 114 Not 4-00pm-7-00pm 0102 Simms, B

To In / Copme to Copmi

MW 4.00pm - 700pm

Bldg EDU, Room 0114

Granani, a

Prerequisite: EDSP 288 Designed to give an understanding of the needs of all types of exceptional children. Stressing preventive and remedial measures. **EDSP 475**

5 Education of the Slow Learner 3 credits, Grading Method. REG.P.F.AUD. TuTh 4:00pm-7:00pm. Bidg. EDÜ. Room 02:10 Sedman, E. Studies the characteristics of the slow learner and those educational practices which are appropriate.

Studies the characteristics of the slow learner and those educational practices which are appropriate for the child who is functioning as a slow learner [EDSP 49] Characteristica of Exceptional Childran: Perceptual Learning Problems

3 credits, Garding Method: REGAUD

101 TuTh 7.00pm-10.00pm

Bidg EDU, Room 1121 Harris, K Perceptual: Studies the diagnosis, chology, physical, social, and emotional characteristics of exceptional children **EDSP 498**

DSP 498 Special Problems in Teacher Education 1-6 credits: Grading Method REG
0101 Time Arranged Room Arranged Staff
0201 Time Arranged Room Arranged Staff

EDSP 498R Special Problems in Teacher Education: The Hendicapped Child in the Regular Classroom 3 credits: Grading Method: REG AUD 1010 MW 700pm-10090m 81dg EDU, Room 3233 Hebeler, J

M / Jupin – Lovupin – Course designed for Maryland state certification. To assist regular educators in working with handicapped students in their school settings. Deals with the philosophy, legal provisions, relevant characteristics of handicapped students, modification in educational programs and relevant resources. for the regular educator **EDSP 798**

| SSP 798 | Special Problems in Teacher Education 1-6 credits, Grading Method | REG | 1001 | Time Arranged | Room Arranged | Staff | Room Arranged | Staff | Staff | Room Arranged | Room Arra

O201 Time Arranged Slaff

EDSP 798R Spocial Problems in Teacher Education; The Handicapped Child in the Regular Classroom 3 credits; Grading Method REG AUD

Classroom 3 credits; Grading Method REG AUD

Course designed for Maryland stale certification To assist regular educators in working with handicapped students in their school settings. Deals with the philosophy, legal provisions, relevant characteristics of handicapped students, modification in educational programs and relevant resources for the regular educator.

Bldg EDU, Room 3233 Hebeler, J.

EDSP 799 Master'a Thesis Research 1–6 credits, Grading Method REG
0101 Time Arranged Room Arranged
0201 Time Arranged Room Arranged Staff EDSP 888 Apprenticeship in Special Education 1-3 credits. Grading Method REG 0101 Time Arranged St Room Arranged St Room Arranged St Staff EDSP 889 Intamahip in Special Education 3—8 credits, Grading Method: REG 0001 Time Arranged Room Arranged Room Arranged Room Arranged Staff EDSP 899 Doctoral Dissentation Research 1-8 credits, Grading Method REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Staff

ENAE

ENGINEERING, AEROSPACE (ENGINEERING)

ENAE 202

Introduction to Aerospace Engineering I 2 credits, Gracing Method: REG.P-F.AUD
WTWVTh 8 00am-9 20am
Bidg. EGR. Room 2154 Yanta, W
Perrequista: ENES 110 History of aeronautical engineering, technical fundamentals, the standard
atmosphere, basic aerodynamics, and the aerodynamics of artifolis, wings and other aerodynamics MTuWTh 8 00am-9 20am

2 Introduction to Aerospace Engineering II 2 credits. Grading Method. REG.P.F.AUD. MTWMTh 8.00am-9.20am. Bidg. EGR. Room 0110. Jones, 8. Pretequisite. ENAE 201 Elements of airplane performance. Principles of airplane stability and control. Basic astronautics, including orbital and escape trajectiones, flight propulsion fundamentals, propellers. IC engines, jet and rocket engines.

ENAE cont.

ENAE 499 Elective Research 1-3 credits; Grading Method REG/P-F/AUD 1011 Time Arranged Room Arranged 0201 Time Arranged Room Arranged ENAE 768 Selected Topica in Aarospaca Engineering 1–3 credits, Greding Met 0101 Time Arranged Room Arranged thod. REG/AUD 0101 Time Arranged 0201 Time Arranged Room Arranged Staff ENAE 799 Master's Thesis Research 1–6 credits, Grading Method REG
0101 Time Arranged Room Arranged
0201 Time Arranged Room Arranged Staff ENAE 899 Doctoral Dissertation Research 1-8 credits, Grading Method. REG 0101 Time Arranged Room Arr Staff 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 0101 Time Arranged 0201 Time Arranged Room Arranged ENAG 499 Special Problems In Agricultural Engineering Technology 1–3 credits, Grading Method: REG/P-F/AUD 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Staff Staff ENAG 699 Special Problems in Agricultural and Aquacultural Engineering 1-6 credits, Grading Method, REG/AUD 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Staff ENAG 799 Master's Thesis Research 1-6 credits; Grading Method: REG | 1011 Time Arranged | Room Staff Staff ENAG 899 | Doctoral Dissertation Research 1-8 credits: Grading Method, REG 0101 Time Arranged 0201 Time Arranged Staff

ENCE

(ENGINEERING) ENGINEERING, CIVIL ENCE 489 Special Problems 3 credits, Grading Method: REG/P-F/AUD
0101 Time Arranged Room Arranged
0201 Time Arranged Room Arranged Staff Staff ENCE 688 Advanced Topics in Civil Engineering 1-3 credits; Gracing Method: REG:AUD 0101 Time Arranged Staff Room Arranged Staff Staff Room Arranged Staff ENCE 799 Mestar's Thesia Research 1–6 credits; Grading Method. REG 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Staff ENCE 899 Doctoral Dissertation Research 1-8 credits. Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Staff Staff

ENCH

ENGINEERING, CHEMICAL

(ENGINEERING)

ENCH 215 Chemical Engineering Analysis 3 credits; Grading Method REG
0101 MTWVThF 930am-10 50am
Perquisite CHEM 104 Prc- or correquisite MATH 141 Introduction to methods of chemical
regineering calculations and analysis. Steichbometric relations, material and energy balances, and
behavior of gases, supers, liquids and solids. Analytical and computer methods.

ENCH 280 MTuWTh 8:00am-9:20am

Transport Processes I: Fluid Mechanice 2 arealts Grading Method REG
TUWTh 8 Oldern—2 20am
Staf
The-or correquise fluid properties, fluid states, flow concepts and base equations, viscous effects
Applications in measurement of flow, closed conduit flow, packe bed and other chemical engineering
systems. Not open to studies, who already have credit for ENCH 250

ENCH 427

27 Transport Processes III: Mass Trensfer 2 credits. Grading Method REG. MILWTh-11 00am-12 00pm Bldg CHE. Room 2140 Staff Prorequise: ENCH 425 Stealy and unseady stafe molecular diffusion, inter-phase transfer, simultaneous heat and miss transfer boundary layer theory, mass transfer and chemical reaction. Design applications in humidification, gas absorption, distillation, extraction. Adoption and into adoption and into a company of the property of the pr exchange

Chemical Engineering Laboratory 3 credits, Grading Method REG.P-F.AUD **ENCH 437**

7 Chemical Engineering Laboratory 3 deaths, Grating method. PLOS 177, 100 Tul. 1711 10 Gam-5 Odpin 1711 10 Gam-5 Odpin 1711 10 Gam-5 Odpin 1711 10 Gam-6 Odpin 1711

precentation or resum in report form.

Of Cheminat Engineering Kinetics 3 credits, Grading Method: REG
MTUWTHE 2 00pm—3 20pm
Bldg, CHE, Room 2140.

Staff
Prerequisites ENCH 300, ENCH 325, CHEM 481 Fundamental of chemical reaction kinetics and
their application to the design and operation of chemical reaction. Reaction rate theory, homogeneous

their application of the telegral and operation of including reactions. Catalytic reactor design.

ENCH 442. Chamical Engineering Systems Analysis 3 credits, Grading Method: REG.

6201. MTWTMTP 9.30am 19.50am Bidg CHE, Room 2140. Staff
Prerequisites ENCH 300, ENCH 425. Dynamic response applied to process systems. Goals and modes of control. Laphace transformations, analysis and synthesis of simple control systems, closed loop response, dynamic testing.

ENCH 468 Research 1-3 credits, Grading Method REG 0101 Time Arranged Room Room Room Arranged Room Arranged Staff ENCH 648 Special Problems in Chamical Engineering 1-6 credits, Gracing Method REG 0101 Time Arranged Room Arranged Staff 2201 Time Arranged Room Arranged Staff ENCH 799 Master'a Thasis Research 1-6 credits, Grading Method. REG 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged Staff Staff ENCH 899 Doctoral Dispertation Research 1-8 credits Grading Method REG Staff Staff

0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged

ENCO

ENGINEERING, COOPERATIVE EDUCATION

(ENGINEERING)

Co-op Internation No credit, Grading Method: S-F Permission of department required. Completion of freshmen and sophmore engineering requirements ne Arranged Ferrell, C

0201 Time Arranged

Room Arrangeo Room Arranged

ENEE

ENGINEERING, ELECTRICAL

(ENGINEERING)

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

1010 Meels JUN 1 to JUL 21
MTUWTh 11.00am—1220pm Bldg EGR, Room 0110 Staff

HOSP 11.00am-12:20pm

Prerequisire MATH 141 Required of sophomores in electrical engineering Kirchhoff's laws, linear, nonlinear, and time-varying elements of systems and circuits. Solution of circuit differential equations, zero input, zero state, and complete response Coupled elements, ideal transformers, controlled sources Node and mesh analysis in the time domain.

ENEE 250 Computer Structures 3 credits, Garding Method REG
Permassion of department required. Prerequisite. ENES 240. Engineering College only (04).

1010 Meets JUN 1 to JUL 12
MTuWTh 9:30am-10:50am
Bldg, EGR, Room 2107 Staff
MTuWTh 9:30am-10:50am
Bldg, EGR, Room 1108 Staff
MTuWTh 11:00am-12:20pm
Bldg EGR, Room 1108 Staff
Prerequisites. ENEE 240 or equivalent. Basis structure and organization of digital computers, number systems and data representation; assembly language isome simple assembly language programs will be runh, introduction to system software, gates and memory elements; logic design of simple digital systems; reliability; hardware/software tradeoffs.

ENEE 300

Principles of Electrical Engineering 3 credits; Grading Method, REG Permission of department required Prerequisite: MATH 241 and PHYS 262 Engineering

College only (04).
Meets JUN 1 to JUL 21
MTuWTh 9:30am-10:50em Meets JUN 1 to JUL 21 MTuWTh 11:00am-12:20om 0102

Blda EGR, Room 3106 Bldg EGR, Room 3106

Staff BIGG EGR, Room 3106 Staff
Percequistes MATH 241, PHYS 263 Corequistee ENEE 301 Required of acrospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as percequisite for some advanced ENEE corress. Analysis of linear systems, unroduction to Laplace transforms, ready-state AC transforms, introduction to the concepts of electromagnetic fields and electric machines.

ENEE 301

0101

Th 12:30pm-3:30pm Bldg EGL, Room 0122 Staff
Corequisite. ENEE 300 Experiments on the transient and steady-state response of linear circuits.
electric machines, electron tubes and semi-conductor devices.

Systems and Circuits II 3 credits, Grading Method REG Permission of depertment required. Prerequisite: ENEE 204, Co-requisite MATH 246. ENEE majors only (19090) **ENEE 304**

0101 Meets JUN 1 to JUI 21

Meets JUN 10 JUL 9 Bldg EGR, Room 0110 Staff
Perequisite ENEE 204. pre- or corequisite 'MATH 246 Sanusoidal analysis General mesh and
node analysis Analysis by laplace transforms, network functions, network theorems Two-pon
theory, controlled sources, small-signal analysis of semiconductor devices Fourner sents

theory, controlled sources, small-signal analysis of semiconductor devices. Fource sense

ENEE 305 Fundamental Laboratory of zerofets: Grading Method, REG

Permission of department required. Prerequisite: ENEE 204. ENEE majors only (09090).

Method JUN 11 oJ UL 21

MW 12:30pm-130pm

Bldg EGR, Room 3114

Staff

ENEE 314 Electronic Circuits 3 credits; Grading Method REG
Permission of department required Prerequisite ENEE 304, ENEE majors (09090) only
Meets JUN 1 to JUL 21
MTuVTh 8:00am-9 20am Bidg, EGR, Room 3108 Staff

perso Juni 10 JUL 21

Bldg. EGR, Room 3108

Steff
Percepasite ENEE 304 Characteristics of semi-conductor devices. Diodes basing and stabilization
of bipolar and field effect transistors; power amplifier characteristics. Feedback amplifiers, integrated
operational amplifiers, transistor switches, gates, and integrated logic circuits, bistable militivibrators
and applications in counters, registers and selected deglar networks.

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

Permission of department required. Prerequisite: MATH 241 and PHTS 203 ENEE majors only (09090).

Meets JUN 1 to JUL 21

MTUWTh B 00am-9-20am

Prerequisites: MATH 241 and PHYS 263 Introduction to electromagnetic fields. Coulomb's law.

Gauss's law, electrical potential, delectric materials capacitance, boundary value problems. Biol-Savart law, Ampere's law, Lorentz force equation, magnetic materials, magnetic circuits, inductance, time varying fields and Maxwell's equations.

ENEE 413 Electronics Laboratory 2 credits, Grading Method REG Permission of department required. Prerequisite. ENEE 305 and co-requisite ENEE 314. ENEE majors only (09090). 0101 Meets JUN 1 to JUL 21

0102

Meets JUN 1 to JUL 21
MW 1230pm—130pm Bldg. EGR, Room 1110 Staff
MW 130pm—430pm Bldg EGL, Room 0122A (LAB)
Meets JUN 1 to JUL 21
TUTh 1230pm—130pm Bldg EGR, Room 110 Staff
TUTh 130pm—340pm Bldg EGR, Room 110 Staff
TUTh 130pm—340pm Brackled Interconnections Emphasis on 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 Boom Arranged Boom Arranged

0201 Time Arranged Room Arrenged **ENEE 419**

Apprenticeship in Electrical Engineering 2–3 credits; Grading Method: REG Permission of department required. Room Arranged Room Arranged 0101 Time Arranged Time Arranged

ENEE cont.

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

Meets JUN 1 to JUL 21 Meets July 1 at Jul 21
MTWTh 800am—9:20am
Percquisite ENEE 250. Review of switching algebra, gates and logic modules; map simplification techniques; multiple-output systems; memory elements and sequential systems; large switching systems; iterative networks, sample designs; computer oriented simplification algorithms, state

assignment; partition techniques, sequential system decompositions

ENEE 608G Gradusts Seminar 1-3 credits; Grading Method: REG/AUD Permission of department required.

Time Arranged Time Arranged 0101 Room Arranged Room Arranged **ENEE 799** Master's Thesis Research 1-6 credits; Grading Method: REG Permission of department required Staf

0101 0201 Time Arrenged Room Arranged Room Arranged Time Arrenged

ENEE 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG Permission of department required 0101 0201 Time Arranged Time Arranged Room Arranged

ENES

ENGINEERING SCIENCE (ENGINEERING) **ENES 101**

 Introductory Engineering Science 3 credits; Grading Method: REGP-FAUD MTWThF 7:40am-9:20am
 Bldg. EGR, Room 0108
 Staff MTWThF 7:40am-9:20am

 MTuWThF 7:40am-9:20am
 Bldg. EGR, Room 0110
 Staff MTWThF 7:40am-9:20am
 0102 0201 Bldg. EGR, Room 0135 MTuWThF 7:40am-9:20am Bldg. EGR, Room 1126

Basic languages of the engineer Elements of graphic communication and analysis. Onhrographic projection, convenions, graphs and curve-fitting Introduction to Fortran computer language Engineering orientation, selection of a major and cauere goals.

ENES 101A Introductory Engineering Sclence 3 credits; Grading Method REGIP-F/AUD Parmission of department required. Permission of department required. Permission of Staff Bidg. EGR, Room 1106 Staff ENES 101S Introductory Engineering Science 3 credits; Grading Method: REG Permission of department required. Permission of ENME required. High school students

0201 MTuWThF 9 00am-10:40am Bidg. EGR, Room 0108 Gill .I **ENES 110**

NES 110 Statics 3 credits; Grading Method: REG/P-FAUD
0101 MTWThF 10:00em-10:50am Bldg. EGF
MWF 8:00am-9:20am Bldg EGF Bldg. EGR, Room 0108 Bldg EGR, Raam 1104 (DIS) Bldg. EGR, Room 0108 Bldg. EGR, Room 1120 (DIS) Staff MTuWThF 10:00am-10:50am 0102 Staff

MIDWIPF TO UDURIN-1USURIN BIOG. ECH. ROOM TUBE STAIN
WIPF 8008m-9208m General Biolog. ECH. Room 1120 (DIS)
Corequiste. MATH 141 The equilibrium, trusses, frames and machines, centroids, moment
of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment
of meria. beams, and friction Vector and scalar methods are used to solve problems

ENES 121A The Man-Made World 3 credits Grading Method: REGP-FAUD

Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
Permission of department required. Permission of department of dean required. High school students only.

0201 TuTh 9 00am-12 00pm

Blog EGR, Room 1120

Steff NES 220 Mechanics of Materials 3 credits; Grading Method: REG P-F:AUD 0101 MTuWThF 8:00am-9:20am Bldg. EGR, Room 0135 0102 MTuWThF 11:00am-12:20pm Bldg. EGR, Room 0135 **ENES 220**

Staff Staff Percequistics MATH 141, PHYS 161, and ENES 110 Distortion of engineering materials in relation to changes in stress or temperature. Geometry of internal stran and external displacement. Application to death, sharts, cultums, shalls, tanks, and other structural, machine and which emmerses.

Application to reams, columns, shafts, tanks, and other str 1 Dynamics 3 credits; Grading Method: REG P-FAUD MTuWThF 8 00am-8 50am Bldg. EGR, R. MWF 9:30am-10:50am Bldg EGR, R. **ENES 221** Dynamics 3 arealits: Grading Method: REG PF-AUD

LIVITH'S 8009m—850am Bldg. EGR, Room 1126 Staff

WF 930am-1050am Bldg. EGR, Room 3110 (DIS)

LIVITH'S 800am-805am Bldg. EGR, Room 1126 Staff

WF 930am-1050am Bldg. EGR, Room 1126 (DIS)

Prequisite. EMSES 110 Prc. or corquisite: MATH 21 and PHTS 262 Systems of heavy particles and right bodies at rest and in motion. Force-acceleration, work-energy and impulse-momentum retainants by Motion of one body relative to ancheir in a place and in space. 0102

MWF 9 30am-10:50am

Engineering Computation 3 credits, Grading Method, REG/P-FAUD
Permission of department required. Prerequisite. MATH 141 and ENES 101. College of ENES 240

Permission of department required. Prorequisies main in its aim Lines of the State implementing and testing of these solutions in a common high-level engineering oriented language such as FORTRAM Techniques for sata input and storage, selection of relevant numerical and non-numerical methods for problem solutions, and the efficient ordering of data for meaningful output presentation

ENES 405

no. Power and the Environment 3 credits, Grading Method: REGIP-FIAUD
MTUWTh 12 30pm-150pm
Bldg, EGR, Room 1126
Slaft
Inlended for seniors not majoring in engineering Not applicable as a technical elective for
engineering majors. An introduction to the power needs of society. The interrelationship between
man's use of energy and the effect on the ecosystem: Introduction to the techniques of power
production with special emphasis on nuclear fueled power plants.

ENGL

(ARTS AND HUMANITIES) **ENGLISH ENGL 101**

Pearson, B Joyce, J Leinwand, T Kleine, D Fry. G O'Sulliven, S Demeree, C Christensen, C

MIUVIN-11:00am-12:2Upm Bildg.ARC, Noom 112/ Christensen, C Anistensen, C Anistens

MWF 11 00am-12 30pm Bldg. TYD. Room 1136

Cross-Najah, R

ENGL cont

EN	IGL	cont.			ENGL	cont.	use Madem British Ciction	
ENGL 20	 World Liter Meets USP 	ature 3 credits; Grading Mi Distributive Studies (C) Lit	ethod: REG/P-F AUD erature and the Arts requirement		0101 TuTh 4 30pm	3 credits; Grading Mathod	I. REG	Russell, J
0101	Homer to the	lam-9 20am : Renaissance, foreign classic	Bidg KEY, Hoom 0123 s being read in translation	Smith, G	ENGL 799 Mester's T	Thesis Research 1-6 credits	Bldg KEY, Room 0117 , Grading Method REG	
ENGL 20	5 Introduction	to Shakespeare 3 credits	s, Grading Method REG P-F AUL)	0101 Time Arrange 0201 Time Arrange	d d	Room Arranged Room Arranged	Staff Staff
0101	MTuWThF 9:30	lam-10 50am	erature and the Arts requirement Bidg. KEY, Room 0121	Hamilton, D	ENGL 899 Doctoral D 0101 Time Arrange	Dissertation Research 1-8 of	credits, Grading Mathod. REG Room Arranged	Staff
	non-majors		lays including the major trageda		0201 Time Arrange	d	Room Arranged	Staff
ENGL 22	2 American L Meets USP	Iterature: 1865 to Present Distributive Studies (C) Lit	a 3 credits; Grading Method REG erature and the Arts requirement Bldg TLF, Room 2126	P-F AUD				
0101 ENGL 24	MTuWThF 1110	Oam-12 20pm	Bldg TLF, Room 2126	Lawson, L		EN	MA	
	Meets USP	Distributive Studies (C) Lit	erature and the Arts requirement	Plurnly, S	ENCINEEDING	MATERIALC		ENCINEEDING)
	MTuWThF 11:0 MTuWThF 11:0	Mam_12:20nm	Bldg KEY Room 0125 Bldg JMZ, Room 0208	Burdsail F	ENGINEERING, ENMA 698 Special Pr	oblams in Engineering Mai	teriels 1-16 credits; Grading M	ENGINEERING)
ENGL 30	4 The Major \ Meets USP	Vorks of Shakespears 3 of Distributive Studies (C) Life	credits, Grading Method REG P-ferature and the Arts requirement Bldg TLF, Room 0135	- AUD	0101 Time Arrange 0201 Time Arrange	d d	Room Arranged Room Arranged	Staff Staff
0201	MTuWThF 9:30 Students who	lam-10.50am have credit for ENGL 403 (Bidg TLF, Room 0135 or 404 cannot receive credit for ENG	Cooper Jr , S GL 304	ENMA 799 Master's 1	Thesis Research 1-6 credits in of department required.	, Grading Method: REG	
ENGL 37	8 Independen	t Research in English 1- of department required	6 credits, Grading Method: REG	P-F AUD	0101 Time Arrange 0201 Time Arrange	d	Room Arranged Room Arranged	Staff Staff
0101 0201	Time Arranged	or department required	Room Arranged Room Arranged	Staff Staff	ENMA 899 Doctoral D	Dissertation Research 1-8 of	credits, Grading Mathod: REG	O.B.I
	Time Arranged 9E Special Top	ics in Litereture: Film An	alysis - The Rhetoric of Fiction REG P-F AUD		0101 Time Arrange	n of department required.	Room Arranged	Staff
	Meets USP	Advanced Studies Develop	oment of Knowledge requirement		0201 Time Arrange	d	Room Arranged	Staff
0101 0201	TuTh 6:30pm-	10:00pm 10:00pm	Bldg KEY, Room 0106 Bldg KEY Boom 0106	Miller, J Miller J				
ENGL 37	SJ Special Top	ics in Literature: Interpre	ting the Bible 3 credits, Grading oment of Knowledge requirement Bldg KEY, Room 0126	Method REG		EN	ME	
0101	MW 7:00pm-10	0.00pm	Bldg KEY, Room 0126 been read from the perspectives of	Handelman, S	ENGINEERING,	MECHANICAL	(ENGINEERING)
	through histor	The traditional religious v	ay of reading the Bible. The Highe	Biblical Criticism as a	ENME 201 Mechanica	al Engineering Project 1 cre n-11.00am	edit; Grading Method S-F Bldn, EGB, Boom 1120	Staff
	psychoanalyti	 c. structuralist, anthropologic 	and science, modern readings of al, and literary interpretations. Pre-	equisite Completion of	The disass	embly and assembly of a mec	hanical device. A written report id drawings illustrating the com-	describing the method of
ENGL 380	two literature Internship 3	6 credits, Grading Metho	d REG.P-F AUD		satisfactory/	(fail		position. Ordering with the
0201	Time Arranged	of department required	Room Arranged	Beckley, B	ENME 205 Eligineeri	ng Analysis and Computer 3 credits, Grading Method	REG/P-F/AUD	0
	Pre-or core	quisite. ENGL 381 or 382, gram Preprofessional experi	and consent of department. The ence in writing and editing in a vari	English Department's ety of fields	Pre- or co	oreguisite MATH 24) Contu	nuation of computer programmin	Staff g techniques. flowcharts.
ENGL 39	Advenced (Composition 3 credits. Gra	iding Method REG	Staff	solving for	roots of equations, simultane	troduction to numerical techniquous equations, interpolation, num	nerical differentiation and
0102 0103	MTuWThF 8:00	am-9 20am	uding Method REG Blog KEY, Room 0125 Blog TLF, Room 2126 Blog TLF, Room 2137 Blog TLF, Room 2137 Blog TLF, Room 0135 Blog TLF, Room 0103 Blog KEY, Room 0101 Blog KEY, Room 0117 Blog KEY, Room 0117 Blog KEY, Room 0119 Blog KEY, Room 0119 Blog KEY, Room 0119 An advanced composition course with crevision of short pagers on topics.	Wilson, G	ENME 217 Thermody	namica 3 credits. Gradino M	ial equations. Applications to engi-	neering problems
0104	MTuWThF 9:30	am-10 50am	Bldg TLF, Room 0135	Hamilton, G	0101 MTuWThE 8	00am-9:20am	Bldg EGR Boom 1106	Staff Staff
0105 0106	MTuWThF 11:0	10am-12:20pm 10am-12:20pm	Bldg KEY, Room 0117	Robinson, J	Prerequisite and vapors	es. PHYS 262, MATH 141 Pr Work transfer and heat tran	openies, characteristics and funda	hermodynamics, entropy.
0201 0202	MTuWThF 9 30	lam-9 20am lam-10:50am	Bldg. ASY, Room 3219	Levine, R	irreversibility	y, availability, and the thermod	isfer, first and second laws of t lynamics of mixtures.	E/AUD
0203 0205	MTuWThF 9:30	tam-10 50am 10am-12:20pm	Bldg. KEY, Room 0117 Bldg. KEY, Room 0121	Magnetti, C	0101 MTuWThF 8	00am-9 20am	edits; Grading Method. REG/P Bldg. EGR, Room 1108	Staff
0206	Prerequisite	0am-12 20pm 56 hours of college credit	Bidg KEY, Room 0119 An advanced composition course w	Staff ith emphasis on clarity	Concepts o	f suess, strain, generalized H	he mechanics of engineering mate looke's law, and equilibrium of fracture will be treated.	solids. Modes of failure
	major, writte	n in a style for the non-spe	d revision of short papers on topics cialized reader A research exercise	related to the student's e coordinated with the	ENME 311 Mechanic	s of Deformable Solids Lab	poretory 1 credit, Grading Math Bldg EGR, Room 1124 (LAB)	od: REG/P-F/AUD
ENGL 393	student's disc	ipline is required			Corequisite	e ENME 310. A laboratory coi	urse in the mechanics of engineer	ing materials. Concepts of
0101 0102	MTuWThF 8:00	friting 3 credits, Grading Man-9 20am Jam-9 20am Jam-9 20am	Bidg KEY, Room 0124 Bidg KEY, Room 0121	Staff Smith, N	stress, stra	in, generalized Hooke's law, tability, fatique, and fracture w	and equilibrium of solids Mo	odes of faulure including
0103	MTuWThF 9 30 MTuWThF 9.30	am-10 50am	Bldg KEY, Room 0123	Auerbach, J	ENME 315 Intermedia	sta Thermodynamics 3 cred	tils; Grading Method: REG P-F. Bldg EGR, Room 1104	AUD Staff
0104 0105	MTuWThF 9.30 MTuWThF 11.0	am-10:50am	Bidg KEY, Room 0124 Bidg TLF, Room 2108 Bidg KEY, Room 0124	Dobin, H Staff	Prerequisit	e: ENME 342 Application of i	the first and second laws of therm nd vapor cycles Heat sources it	odynamics in the analysis
0107	MTuWThF 11.0 MTuWThF 11.0	0am-12:20pm 0am-12:20pm	Bidg TLF, Room 2110	Moore, T Staff	fuels. The t	hermodynamics of fluid flow		1 103911 tacis and nacrea
0106 0201	MTuWThF 11 0 MTuWThF 8:00 MTuWThF 8:00	i0am–12.20pm Iam–9:20am	Bidg KEY, Room 0123 Bidg KEY, Room 0119	Staff Ryan, L	0101 MTuWThF 9	msmica 3 credits, Grading M 30am-10:50am	Bldg EGR, Room 0135	Staff
0202 0203	MTuWThF 8.00 MTuWThF 9:30 MTuWThF 9:30	am-9 20am am-10:50am	Bldg TLF, Room 2126 Bldg KEY, Room 0121 Bldg ARC, Room 1127	Staff Tracy, A			he properties, characterisites and and second laws of thermodynami	
0204 0205	MTuWThF 9:30	lam–10:50am	Bldg ARC, Room 1127 Bldg TLF, Room 0110	Slaff Harris, E	heat engine ENME 321 Transfer F	 air compression vapor cycles Processes 3 credits, Grading 	Flow and non-flow processes for Method: REG/P-F/AUD Bidg EGR, Room 1104	r gases and vapors.
0206 0207	MTuWThF 11:0	10am-12.20pm 10am-12.20pm	Bldg TLF, Room 0110 Bldg LEF, Room 1208 Bldg. ASY, Room 3219	Staff Middleton, J	0101 MTuWThF 11 Prerequisit	e ENME 342 Conduction by	Bidg EGR, Room 1104 steady state and transient heat flo	Staff ow, laminar and turbulent
	Prerequisite:	satisfactory completion of 56	credits, which must include ENGL its course or ENGL 391 is required	101 or equivalent. The	flow, free a heat and me	and forced convection, radiatio	n, evaporation and condensation	vapors Transfer of mass.
	the Universit	in Summer 1978 or therea have credit for ENGL 293	fier, unless exempt by University of	gulations Not open to	ENME 342 Fluid Mec	hanics I 3 credits, Grading II 00am-12.20pm	Mathod REG/P-F/AUD Bldg EGR, Room 1126	Staff
ENGL 39	3X Technical V	Intling 3 credits, Grading A s for whom English is a se-	Method REG		Prerequisi	te. ENME 217. Fluid flow	concepts and basic equations. laws of simularity Flow through	effects of viscosity and
0101	Meets JUN 1 to MWF 11:00am	AUG 14		Devikalidi B	bodies Prit	ciples of flow measurement		
0102	Meets JUN 1 to	AUG 14	Bidg LEF, Room 2123	Dowhaluk, B	0101 WTh 12.30pm	n=3.30pm	Grading Method: REG/P-F/AUI Bldg EGR, Room 3106 (LAB, with ENME 342 Measurem	Staff
0103	MWF 11:00am- Meets JUN 1 to	AUG 14	Bidg TLF, Room 2108	Staff	Laborator determinati	on of pressure drops in pipes	and fittings, observation of fluid children	phenomena Experiment
ENGL 42	MWF 11 00am- Literature o		Bldg ARC, Room 1121 credits, Grading Method REG	Staff	ENME 360 Dynamics	of Machinary 3 credits, Gra	ding Method: REG P-F AUD	
	Meets USP MTuWThF 8 00	Advanced Studies Develop	oment of Knowledge requirement Bldg, TLF, Room 2110	Howard, J	0101 MTuWThF 8	00am-9 20am ics ENES 221 and MATH 24	Bldg EGR, Room 3106 6 Dynamic characteristics of ma	Staff chunery with emphasis on
ENGL 45	First generat	un Blake, Wordsworth, Col-	endge, et. al		FNMF 381 Messurem	th single and multiple degree of	freedom Grading Method REG.P-F AUC)
LINGE 43.	Meets US	P Advanced Studies Der if two literature courses.	felhod REGP-FAUD velopment of Knowledge requir	ement Prerequisite	0101 TuWTh 12 30	0pm-1.50pm 0m-5:30nm	Bldg EGR, Room 1120 Bldg EGR, Room 1120 (LAB,	Staff
	MTuWThF 9 30	lam-10 50am	Bldg LEF, Room 1220	Caramello, C	0102 TuWTh 12:30 TuWTh 2:00p	pm-1:50pm	Bidg EGR, Room 3102 Bidg EGR, Room 3102 (LAB)	Staff
0101	4 Modern Dra MTuWThF 9.30	me 3 credits; Grading Met lam-10.50am	hod REG/P-F AUD Bldg TLF, Room 2110	Freedman, M	Prerequisi	ites ENME 360 and ENEE	300 Required of juniors in s, application of selected instru	mechanical engineering
ENGL 45	7 The Modern MTuWThF 11:0	Novel 3 credits. Grading	Method REG P-F-AUD Bldg KEY, Room 0117	Salamanca, J	interpretation	on of results		ments with emphasis on
ENGL 46	6 Arthurian L	egend 3 credits; Grading A	Method REG P-F AUD		0101 MTuWThE 12	Design 3 credits, Grading Me 2:30pm-1:50pm	Bldg. EGB. Boom 1102	Staff
0201	MTuWThF 11 C Developmen	t of the Arthurian legend of	Bldg, LEF, Room 1220 f heroism and love in English liter	Herman, H ature from medieval to			stresses, stress concentration, str inematics of mechanisms	
ENGL 48	modern times 9A Special Top	ics in English Languegs:	The Language of Advertising		G101 MTuWThF 11	ture and Properties of Eng 1.00am-12.20pm	Ineering Materiale 3 credits; G Bldg EGR, Room 1106	rading Method REG Staff
	Meets USP	3 credits, Grading Method Advanced Studies Develor	The Language of Advertising of REG period of Knowledge requirement Bidg TLF, Room 1222 Bidg LEF, Room 1222		Coremiste	 ENME 310. The nature and 	properties of engineering material be studied. Materials covered inc	s as related to their use in
0101	MTuWThF 9:30	0am-10:50am 0am-10:50am	Bldg TLF, Room 2126 Bldg LEF, Room 1222	Coleman, L James, E	glasses, pol	ymer and composites Controls 3 credits, Grading		
ENGL 89	9 Indapendar	t Study 1-3 credits; Gradi of department required	ng Method: REG AUD		0101 MTuWThF 8	00am-9:20am	Bldg CHM, Room 2201 Hydraulic, electrical, mechanica	Staff
0101 0201	Time Arranged		Room Arranged	Staff Staff	control syst	tems. Open and closed loops	Steady state and transient operatio	n, stability entena, linear
0201	rane Arranged		Room Arranged	Giali	and non-lin	ear systems Laplace transform		

ENME cont.

ENME 405 Energy Conversion Dealign 3 credits, Grading Method: REGIP-FIAUD 0101 MTuWThF 11:00am-12:20pm 8 tigle, EGR, Room 3108 Staff Percquisite: senior standing in mechanical engineering. Application of thermodynamics, fluid mechanics and heal transfer to energy conversion processes. Design of engines, compressors, heal exchangers. Energy storage and fluid handling equipment.

ENME 414 Computer-Aided Dealgn 3 credits; Grading Method: REG/P-F/AUD
Permission of department required.

NTWThF 9:30am-10:50am Bldg EGL, Room 1101 Staff

LWI hit 9.30am-10.50am Bldg Ed., Hoom 110

Ferrequisities: EMME 205, MATH 241 or equivalents Interduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design Project.

ENME 488 Special Problems 3 credits; Grading Method: REG/P-F/AUD Permission of department required.

Time Arranged Time Arranged Room Arranged Room Arranged

ENME 700 Advenced Mechanical Engineering Analysia I 3 credits; Grading Method: REG 0101 MTuWThF 4:00pm-5:20pm Bidg. EGR, Room 1102 Staff Bidg. EGR, Room 1102 Staff Andvanced, unified approach to the solution of mechanical engineering problems, emphasis is on the formulation and solution of equilibrium, eigenvalue and propagation problems. Review and extension of undergraduate material in applied mathematics with cemphasis on problems in heat transfer, vibrations, fluid flow and stress analysis which may be formulated and solved by classical moreothers.

ENME 799 Master's Thesis Research 1-6 credits, Grading Method: REG 0101 Time Arranged Room Arranged Time Arranged 0101 Time Arranged 0201 Time Arranged

Room Arranged Staff ENME 808 Advanced Topics in Mechanical Engineering 3 credits: Grading Method, REGIAUD Room Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged

ENME 899 Doctorel Dissertetion Research 1-8 credits; Grading Method REG 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged

ENNU

(ENGINEERING)

Staff

Staff Staff

ENNU 215 Introduction to Nuclear Technology 3 credits; Grading Method: REG/P-F/AUD
0101 MTuWThF 9:30am-10:50am
Prerequisites: MATH 141 and PHYS 161. Engineering problems of the nuclear energy complex, including basic theory, use of computers, nuclear reactor design and isotopic and chemical separations

ENNU 468 Research 2-3 credits; Grading Method: REG
0101 Time Arranged Room Arranged
0201 Time Arranged Room Arranged

ENGINEERING, NUCLEAR

Staff ENNU 648 Special Problems in Nuclear Engineering 1–6 credits; Grading Method: REG 0101 Time Arranged Staff 0101 Time Arranged 0201 Time Arranged Staff Staff Room Arranged

ENNU 799 Mastar's Thasis Research 1-6 credits, Grading Method. REG 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged Room Arranged

ENNU 899 Doctoral Dissertation Research 1-8 credits, Grading Method: REG Time Arranged Room Arranged 0201 Time Arranged

ENTM

ENTOMOLOGY (LIFE SCIENCES)

ENTM 100 Insects 3 credits: Grading Method: REG/P-F-AUD

Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement

1010 MTUWThF 9 30am-10:50am Bidg, SYM, Room 1308 Messersm

10201 MTUWThF 9 30am-10:50am Bidg, SYM, Room 1308 Messersm Messersmith, D Messersmith, D A survey of the major groups of insects, their natural history, and their relationships with man and

ENTM 399 Special Problems 1-2 credits; Grading Method: REG/P-F/AUD 0101 Time Arranged 0201 Time Arranged Room Arrange Room Arranged ENTM 699 Advanced Entomology 1-6 credits, Grading Method: REG/AUD

0101 Time Arranged 0201 Time Arranged Room Arranged Staff ENTM 789 Field Experience In Pest Menagement 1-6 credits, Grading Method REG/AUD 0101 Time Arranged Room Arranged Staff Room Arranged Staff

ENTM 799 Master's Thesis Rasearch 1–6 credits; Grading Method: REG Noom Arranged Room Arranged Room Arranged Room Arranged Staff

ENTM 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG Time Arranged Time Arranged Room Arranged Room Arranged

FDSC

FOOD SCIENCE (AGRICULTURE) FDSC 399 Special Problems in Food Science 1-3 credits; Grading Method. REG P-F-AUD 0101 Time Arranged Staff 0201 Time Arranged Staff 0201 Time Arranged Staff FDSC 699 Special Problems in Food Science 1–4 credits, Grading Method. REG AUD 0101 Time Arranged Room Arranged Staff Room Arranged Staff FDSC 799 Master's Thesis Research 1-6 credits; Grading Method: REG 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged Staff FDSC 899 Doctorel Dissertetion Research 1-8 credits; Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Staff

FMCD

FAMILY AND COMMUNITY DEVELOPMENT (HUMAN ECOLOGY)

Concepts in Community Development 3 credits: Grading Method. REGP-F/AUD

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

W 600pm-9:00pm Bldg. MMH, Room 1314 Lyons, E

Medis USP Distributive Studies (D) Scotal and benavoral scuences requirement.

We follow 1900m 9

MW 600m-9000m

MW 600m-9000m

Blog, MMH, Room 1314

Lyons, E

Theory and practice of development in neighborhood, national and international communities.

Models for community action program development and service delivery.

PMCD 250

Declalon Making In Familiae and Communities 3 Credits, Grading Method: REGP-F/AUD

Medis USP Distributive Studies (D) Sociel and Behavioral Sciences requirement.

TuTh 9:30am-12:30pm

Blog, MMH, Room 1314

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

PMCD 330

Family Patterns 2 credits, Grading Method: PEGF-FAUD

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

Blog, MMH, Room 1314

Leslie, L

Leslie, L

TuTh 10:00am-100pm

Blog, MMH, Room 1314

Zeiger, R

TuTh 10:00am-100pm

Blog, MMH, Room 1314

Zeiger, R

Theory and research on the family, including a cross-cultural analysis of family patterns.

Incory and research on the family, including a cross-cultural analysis of family patterns.

The Child in the Family 3 credits; Grading Method FGG P-FAUD Millistein, F

Bidg, MMH, Room 1314

Millstein, F

Petrequisite FMCD 105 or PSYC 100 A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended his and the FMCD 332 TuTh 1:00pm-4:00pm 0101

Milistein F

community

FMCD 348 Precticum in Family and Community Development
4-12 credits: Grading Method: REG/P-F/AUD
Parmission of depertment required
0101 Meets JUN 1 to AUG 21

Time Arranged

Boom Arranged FMCD 349 Analysis of Practicum 1 credit; Grading Melhod: REG/P-F/AUD
Permission of department required.

1010 Meets JUN 1 to AUG 21
Tu 10:00am-12:00pm Bldg, MMH, Room 1206

Millstein, F

FMCD 381 Poverty and Affluence Among Families and Communities

3 credits: Grading Method: REGIPE/AUD

Meets USP Advanced Studies Analysis of Human Problems requirement.

1010 MW 9:30am-12:30pm Mg. Mg. MMH, Room 1314 Hula, R

Percquisste. PMCD 201 or SOCY 100 or SOCY 105 Social, poliucal, economic internaliationships among families and communities with respect to varying resources.

Fleid Work 1-3 credits; Grading Method. REG/P-F/AUD
Permission of department required Must be taken concurrently with FMCD 387
Room Arranged Rubin, f FMCD 386 0101 Time Arranged 0201 Time Arranged

Room Arranged UZUI IIIME Arranged COOM Transped TeCIP-F/AUD
Permission of department required Must be taken concurrently with Room Arranged TeCIP-F/AUD
Time Arranged TeCIP-F/AUD
Permission of department required. Room Arranged ROOM Transped TeCIP-F/AUD
Permission of department required. Room Arranged ROOM Arranged ROOM Arranged ROOM Transped ROOM Tra with FMCD 386

Aubin, A

Time Arranged Room Arranged Rubin Individualized family and community studies projects of interest to student and facult

FMCD 431 Family Crises and Intervention 3 credits; Grading Method: REGP-F/A/DD

Meets USP Advanced Studies Analysis of Human Problems requirement.

1010 TuTh 2.00pm-5.00pm

Blidg, MMH, Room 3141 Egstein, N

Egger, R

Prequisite, PSYC (00 Family crises such as divorce, disability, substance abuse, financial problems, intralamulal abuse, and death. Theories and techniques for intervention and enhancement of family crimes restrictes.

of family coping strategies FMCD 441

of Tamily coping strategies

1P Personal and Family Finance 3 credits: Grading Method: REG.P.F./AUD

MWF 900am—1000

MWF 900am—1000

Prerequisite ECON 201 or 205, or consent of instructor Study of individual and family financial strategies with particular emphasis upon financial planning, savings, insurance, investments, income taxes, housing, and use of credit.

FMCD 444 Human and Community Program Management 3 credits; Grading Method: REG/P-F/AUD 0201 TuTh 6 00pm-9:00pm Bldg. MMH, Room 1206 Lyons, E Goals, approaches, settings, and resources relevant to the management of human service programs in

FMCD 460 Violence in the Family 3 credits; Grading Method: REGIP-F/AUD
0101 MW 6.00pm-9.00pm Bidg, MMH, Room 1314 Anderson, E
Prequisite PSYC 100 or SOCY 105 or FMCD 487. Theories of child, spousal, parental,
grandparental abuse in the family setting, review of current evidence, and an introduction to methods
for prevention and remediation.

for prevention and remediation.

FMCD 487 Logal Aspects of Family Problems 3 credits; Grading Method: REGIP-F/AUD Meets USP Advanced Studies Analysis of Human Problems requirement.

6101 MW 600m-9.000m

Prerequisite FMCD 105 or SOCY 105. Laws and legal procedures, with emphasis on adoption, marrage, divorce, annullment, and property rights, and how they affect family life.

FMCD 497 The Child and the Law 3 credits; Grading Method: REGIP-FAUD

Meets USP Advanced Studies Analysis of Human Problems requirement.

6101 TuTh 6.000m-9.000m

Legislation and case law regarding children's legal inglish with emphasis on the rights of children in the juvenile justice system, and rights to medical, educational, and other social services.

FMCD 497 Several Tondes: Unproduction to Microcomputative in Family and Community.

FMCD 491 Special Toples: Introduction to Microcomputers in Family and Community
3 credits; Grading Melhot: REG
Blig. MMH, Room 0108 Hule.

WW 2-00pm-3-00pm Blig. MMH, Room 0108 Hule.

and 2:00pm-5:00pm Bidg. MMH, Room 0108 Hulla, R
Bidg. MMH, Room 0108 Hulla, R
Secondary provides overview of applications of microcomputers to FMCD and related fields. Focuses
on student design applications program to be written in BASIC. No computer experience required.
Internally in Family and Community Development
Permission of department required.

The Permission of department required.

FMCD 689

0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Rubin, R Rubin, R

| Ime Arranged | Hoom Arranged | Imemship related to student's chosen specialization | FMCD 698 | Advanced Topica in Family and Community Development | I-3 credits, Grading Method: REG/AUD | Permission of department required |

0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged

Rubin, R

FMCD 9996 Avenced Topics in Femily and Community Development: Gender and Ethnicity Issues in Femily Therapy 3 credits: Grading Method: REG/AUD Prerequisite FMCD 485

1010 TuTh 2:00pm—5:00pm Bldg, MMH, Room 1400 Leslie, L Bldg. MMH, Room 1400

FMCD 698L Advanced Topics in Femily and Community Development: Violence in the Family 0101 MW 6.00pm-9.00pm Bidg. MMH. Room 1314 Anderson, E.

OTOT MW 6 Dopm-9.0-ppm logic miles and Community Development: Introduction to Microcomputers in Family and Community 3 credits; Grading Method: REG 1011 MW 200pm-9.00pm 1010 MW 200pm-9.00pm Seminar provides overview of applications of microcomputers to FMCD and Felated fields. Focuses on student design applications program to be written in Busic. No computer experience required.

FMCD cont.

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

Staff Staff

FOOD

(HUMAN ECOLOGY) FOOD FOOD 110 Food For People 3 credits, Grading Method: REG P-F AUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
1010 MTUMTh 11:00am-12 20pm Bidg, MMH, Room 0108 Oriani. J
A study of food an contemperary Irving economic, social, cultural and activative and interpretations of food Selection and use of food in relation to eating habits and well-being of the individual FOOD 799 Master's Thesis Research 1-6 credits, Grading Method REG 0101 Time Arranged 0201 Time Arranged Room Arranged Staff FOOD 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG
10101 Time Arranged Room Arranged
1-8 credits, Grading Method REG
Room Arranged
Room Arranged

FREN

FREN	CH	(ARTS AND	HUMANITIES)
FREN 10	1 Elementary French 4 credits Grading	Method REG.P.F.AUD	
	Meets USP Distributive Studies (A) Cu	itural and Historical requirement	t.
0101	MTuWThF 8:00am-10:00am	Bido, JMZ, Room 3118	Staff
0102	MTuWThF 7:00pm-9:00pm	Bidg, JMZ, Room 3118	Staff
0201		Bldg. JMZ. Room 3118	Staff
	Introduction to basic structures and pronu		
FREN 10	Meets USP Distributive Studies (A) Cu	iltural and Historical requiremen	
0101	MTuWThF 10:00am-12:00pm	Bidg JMZ, Room 1224	Staff
0201	MTuWThF 8.00am-10.00am	Bldg JMZ, Room 3120	Staff
	Completion of basic structures with emph	asis on reading and speaking skills	
FREN 10			
	Meets USP Distributive Studies (A) Cu	iltural and Historical requirement	1
0101		Bldg JMZ, Room 2206	Staff
0201	MTuWThF 10:00am-12 00pm	Bldg. JMZ, Room 3120	Steff
	Limited to students who have had at least	two years of high school French	(or equivalent) or who do
	not qualify for FREN 104 Students may r	not receive credit for both Fren 101	/102 and 103
FREN 10	4 Intermediata French 4 credits: Gradini	a Method, REG P-F AUD	

4 Intermediate French - Credits: Glading Mention X-Let 9F- AUU
Meels USF Distributive Studies (A) Cultural and Historical requirement
MTWThF 1:00pm-2:00pm - Bidg JMZ, Room 3120 Staff
MTWThF 1:00pm-2:00pm - Bidg JMZ, Room 3120 Staff
Grammar review with cyticide reduing, discussion, and composition fundamics language requirement

Field Work 1-3 credits, Grading Method REG P-F AUD FREN 386

Permission of department required Time Arranged Room Arranged Room Arranged Staff 0201 Time Arranged Permission of department required Taken concurrently with FREN 386 Time Arranged Room Arranged Room Arranged Room Arranged **FREN 387** Staff

0201 Staff Directed Study in French 1–3 credits, Grading Method S-F
Permission of department required
Time Arranged
Room Arranged FREN 399

Staf Room Arranged 0201 Time Arranged Contemporary French Society 3 credits, Grading Method REG-P-F AUD
Registration for this course on or before May 29
Meets JUN 22 to JUL 10 FREN 473

The forces chaping contemporary France Analysis of social groups, institutions, political structures. Lectures, discussions and most readings in MTuWThF 9.00am-12 00pm Verdaguer, P

ips, economic development, in French FREN 473H Contemporery French Society 3 credits, Grading Method. REG.P-F/AUD. Registration for this course on or before May 29

0101 Meets JUN 22 to JUL 10 MTuWThF 9 00am-12.00pm Bldg JMZ, Room 3120

The forces shaping contemporary France Analysis of social groups economic development, institutions, political structures. Lectures, discussions and readings in French FREN 478C Thames and Movements of French Literature in Translation: Conflict between individual and Society in French Literature 3 credits; Grading Method PEG P-F AUD Meets USP Advanced Studes Analysis of Human Problems requirement This course does not count towards a major in French

1010 MTW/ThF 1100am-12.20pm Bigg JMZ, Room 3118 MacBain W

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

FREN 479A Masterworks of French Literature in Translation: The Ago I Anxiety - The Literature of Existentialism and the Absurd 3 credits, Grading Method REG.PF.4D/
Mest USP Advanced Studies Analysis of Human Problems requirement not count towards a major in French.

10201 MTWTNF 930m-10 50m Bidg. JMZ Room 2122 Demartre. A

not count towards a major in French.

Bidg, JMZ Room 2122 Demaitre. A
Readings and discussion of masterworks of 20th century French literature with a loow on the
dominant theme of nanety and related thems such as a dienation, milhism, revolt and the search for a
new ethic Authors include Gide, Malraiv, Sarrie, Camis, Belvett, Ionesco Works are analyzed
primarily as a reflection of philosophical ideas and historical events that have led to an awareness of
the absurd and the formulation of an existen tushs outlook.

FREN 498C Special Topics in French Literature: I and They: The Conflict Batween the Individuel and Society 3 credits, Grading Method REG PF AUD

0101 MTuWThF 11:00am-12:20pm

major rule of the major rule o Time Arranged

FREN 498H Special Topics in French Literature: I and Thay: The Conflict Between the Individual and Sociaty 3 credits Grading Method REGP-FAUD in French in order for course to count towards French Readings, exams and paper must be in French in order for course to count towards French

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

Time Arranged

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

FREN cont.

FREN 499 Special Topics in French Studies: Conversation, composition at lecture expliquee 3 credits; Grading Method: REG/P-F/AUD

Registration for this course before May 29 Meets JUN 22 to JUL 10 MTuWThF 1:00pm-4:00pm

Bldg JMZ, Room 3118 MecBein, W FREN 499A Special Topics in French Studies: The Age of Existentialism and Absurdist Literature in France 3 credits, Grading Method: REG/P-F/AUD

Readings, exams and paper must be in French in order for course to count towards French

0201 MTuWThF 9:30am-10:50am Bldo, JMZ, Room 3118 le Arranged Room Arranged Readings and discussion of masterworks of 20th century French literature with a focus on the Time Arranged

dominant hiere of anverty and related themes such as alternation, rightlism, revolt and the search for a new ethic Authors include Gide, Mariaux, Sartre, Camis, Beckett, Jonesco Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existen- tralist outlook. In English

FREN 499H Special Topics in French Studies: The Age of Externillation and Absurdist Literature in Franch 30 cedits: Gading Method: REG.P-FAUD Readings, exams and paper must be in French in order for course to count towards French

0201 MTuWThF 9 30am-10 50am

MINUTE 9 30 am -10 50 am Bidg JMZ, Room 3118 Demarte, A Franch Turk HT 9 30 am -10 50 am Bidg JMZ, Room 3118 Demarte, A Room Arranged Turk HT 9 30 am -10 50 am Bidg JMZ, Room 3118 Demarte, A Room Arranged Long HT 9 am -10 50 a

FREN 699

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

0101 Meets JUN 22 to JUL 10 MTUWThF 1:00pm—4 00pm Bldg JMZ, Room 3118

FREN 798 Master's independent Study 1-3 credits, Grading Method: REG/AUD

1011 Time Arranged Room Arranged MacBain W Time Arrenged Time Arranged Staf FREN 799 Mastar's Thesis Research 1–6 credits; Grading Method: REG 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged Staff Staff FREN 898 Doctoral Independent Study 3 credits; 0101 Time Arranged Grading Method: REG/AUD Room Arranged Staff 0101 Time Arranged 0201 Time Arranged Room Arranged Staff

GEOG

GEOGRAPHY

(BEHAVIOR AND SOCIAL SCI)

Staff Staff

GEOG 150 World Clibes 3 credits; Grading Method: REG
Meets USP Distributive Studies (A) Cultural and Historical requirement.

1010 TuTh 4 000m-7000m
Bldg LEF, Room 2208 Groves, P
An introduction to the forces that affect the growth of cines in different parts of the world Regional
samanos in city design and examples of great world clites. The impact of changing technologies,
conomic and social change on the evolution of the city. Current and emerging trends

conomic and social change on the evolution of the city. Current and emerging trends

GEOG 202

The World in Cultural Parapectivis 3 credits; Grading Method: REG.P-FAUD

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

1021

Tuth 6 30pm-9 30pm

Bidg. LEF. Room 1221

Mitchell, R.

The imprant of cultural trists, such as religion, language and livelihood systems, on the carth's landscape. 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; Carding Method REG.P-FAUD

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

GEOG 201

MY 20pm-1000pm

Bidg. LEF. Room 1221

Mastran. S

The spatial characteristics of world economic activities Population patterns; technology and economic development, principles of spatial interactions in trade; transportation networks; the city as an economic mode, the location of industries and services, the production and trade of agricultural and enterey products.

and energy products

GEOG 319. Rasearch and Writing in Geography 3 credits, Grading Method: REGP-FAUD
1010 MW 9 00am-12 00pm
1020 MW 9 00am-12 00am аррторп

GEOG 384 Internship in Geography 3 credits, Grading Method: REG/P-F/AUD Permission of department required

1011 Time Arranged

1010 Room Arranged Time Arranged Room Arranged

Staff Prequisites. GEOG 305, 310, and permission of department. Corequisite. GEOG 385. 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 semiser.

GEOG 385. Intranship Research Paper 3 credits; Grading Method. REGIP-F-AUD. Permission of department required.

D101. Time Areanoed. Slaft.

Room Arranged Time Arrenged Steff Time Arranged
Preequisite GEOG 305, 310, and permission of department Corequisite GEOG 384 Seminar conducted on campus Research paper related to the student's internship.

GEOG 434 Agricultural and furual Development 3 credits. Grading Method. REG
Meets USP Advanced Studies Analysis of Human Problems requirement
O101 MILWTHE 11 00an-12.20pm Bigg LEF, Room 1220 Peurs, G
The nature of agricultural resources, the major types of agricultural exploitation in the world and the
organization. Main problems of conservations.

geographic communities shall proteins at conservation.

The Contamporary CHy 3 credits. Galony Method: REG.P.F.AUD

TuTh 4 Oppm-7 Oppm

The contemporary whan system, towns, cities and metropolitan areas and their role as concentrations of social and economic activity. Patterns of land-use, residential, commercial activity, manufacturing, and transportation. Explanatory and descriptor models. International companions. **GEOG 450**

GE	OG cont.					
	Topical Investigations 3 credits, Gra Permission of department required	ding Method: REG/P-F AUD		GV	PT	
0101 0201 GEOG 679	Time Arranged Time Arranged	Room Arranged Room Arranged	Staff Staff	GOVERNMENT AND POLITICS GVPT 100 Principles of Government and Politics:	(BEHAVIOR AND 3 credits: Grading Method: RE	G/P-F/AUD
	Seminar in Urban Geography: The in 3 credits; Grading Metho	Contamporary City od REG.AUD		Meets USP Distributive Studies (D) Social MTuWThF 9.30am-10:50am A study of the basic principles and conce	dg. LEF, Room 1201	Staff
0201 GEOG 688	TuTh 4:00pm—7:00pm	Bidg. LEF, Hoom 1222	Kellerman, A	satisfy, in part, the social science requirement GVPT 170 American Government 3 credits. Grading	in the general education program Method: REG/P-F/AUD	π.
	Seminar in Third World Deviopmen	t: Agriculturel and Rural Developd. REG	opment	Meets USP Distributive Studies (D) Socia 0101 TuTh 12:30pm-3:30pm BI	l and Behavioral Sciences red dg. LEF, Room 1221	uirement. Staff
0101 GEOG 788	MTuWThF 11:00em-12:20pm Selected Topics in Geography 1-3 Permission of depertment required.	Bldg. LEF, Room 1220 credits; Grading Method. REG:AU	Peiris, G UD	This course is designed as the basic course is other courses in the department as specified in	dg LEF, Hoom 1201 n government and it or its equiving the catalog. It is a comprehension	Staff alent is a prerequisite to live study of government
0201	Time Arranged Time Arrenged	Room Arranged Room Arranged	Staff Staff	in the United States-national, state and local. GVPT 231 Law and Sociaty 3 credits, Grading Meth	od: REG/P-F/AUD	
	Independent Raadings 1-3 credits; Permission of department required	Contact department to make arra	ingements	O101 TuTh 12:30pm—3:30pm Bl Prerequisite GVPT 170 A study of the bas institutions such as the courts, police, the legs	dg. LEF, Room 1201 is of law and its relationship will	McIntosh, W h various contemporary
0201	Time Arranged Time Arranged	Room Arranged Room Arranged	Staff Staff	GVPT 240 Political ideologies 3 credits; Grading Me Meets USP Distributive Studies (A) Cultur	ethod: REG/P-F:AUD	-
	Internable in Geography 3 credits; C Permission of department required	Contact department to make arra	ingements	0201 TuTh 12:30pm—3 30pm B Prerequisite GVPT 170 A survey and an	do LEE Boom 1201	Staff of the modern world.
	Time Arrenged Time Arranged Field expenence in the student's special	Room Arrenged Room Arrenged Ity in a federal, state, or local agen	Staff Staff cs or private business A	GVPT 300 International Political Relationa 3 credits	tascism, nationalism, and democ s. Grading Method REG P-FA	racy. AUD
GEOG 799	research paper required		., ,	Meets USP Distributive Studies (D) Socia 0101 MW 12:30pm—3:30pm B	l and Behavioral Sciences red ldg. LEF, Room 1201 ldg. LEF, Room 2208	Hsueh, C
0101	Permission of department required Time Arranged	Room Arranged	Staff	O201 MW 9.30am-12.30pm B A study of the major factors underlying internations, the foreign policies of the major international conflicts. This course may be used.	ernational relations, the method	McNelly, T s of conducting foreign
	Time Arranged Doctoral Dissertation Research 1-8	Room Arranged B credits; Grading Method REG	Staff	general education program		science requirement in
0101	Permission of department required Time Arranged	Room Arranged	Staff	GVPT 376 Applied Field Research in Government 6 credits; Grading Method: R Course requires concurrent registration in	and Politics REG/P-F/AUD	è
0201	Time Arranged	Room Arranged	Staff	0201 Time Arranged H	oom Arranged	Lanning, E
	CE			Students in this course participate as int appropriate political organization. Assignme both theoretical and practical aspects of po	nts are arranged to provide stu	dents with insights into
GEOLO		COMP, MATH, A	אום פוועפ פרוו	academic adviser, students conduct a major r host agency in the field of government and	esearch project of mutual interespolitics. The course is open on	st to the student and his ly to GVPT majors and
GEOL 100	Physical Geology 3 credits; Grading Course meets University Studies Pro mathematics requirement. If taken with	Method REG/P-F/AUD	and Phris Scij	must be taken concurrently with GVPT 377 Seminar For Academic Interna 3 credits	Grading Method REG/P-F/A	UD
	mathematics requirement. If taken wit requirement.	h GEOL 110, course may be cou	inled as lab science	Course requires concurrent registration is caurse description under GVPT 376		
0101	MTuWThF 9:30am-10:50em A general survey of the rocks and mine	Bidg. GEO, Room 1120 erals composing the earth, its surface	Staff re features and the agents	0201 W 3:30pm—6:30pm B Time Arranged R This seminar stresses the application of m	ldg. LEF, Room 2123 nom Arranged ager concents of political science	Lanning, E
	that form them, and the dynamic forces 100 and GEOL 101.	of plate tectorics. Credit will not	be given for both GEOL	realities of the political process. Readings	and discussion attempt to relate	the experiences of the
GEOL 490	Geology Fiald Camp 6 credits; Grad. A special fee is required. Contact the MTuWThFSa 8 00am-5:00pm	ng Method REG P-F AUD e Geology Dept	0	academic interns to appropriate literature on open only to GVPT majors and is intended to 375		d in GVPT 376 and/ or
0101	Prerequisites. GEOL 322, 331 and 341. prior to senior year Principles and pro	or consent of instructor Six wee	Staff -ks of summer field work	GVPT 386 Field Work 1–3 credits; Grading Method. 0101 Time Arranged	nem Arranged com Arranged	Staff Staff
GEOL 799	geologic data. Group field trips and disci	ussions	apping, and reporting or	GVPT 387 Field Work Analysis 1-3 credits; Grading	Method. REG/P-F/AUD	Staff
0101	Time Arranged Time Arranged	Room Arranged Room Arranged	Staff Staff	0201 Time Arranged R GVPT 388 Topical Investigations 3 credits, Grading	oom Arranged Method: REG P-F AUD	Staff
					oom Arrangeo	Staff Steff
	GE	RM		GVPT 388A Topical Invastigationa: Analysis of Con 3 credits, Grading Method: Requires concurrent registration in GVPT	capts and Filmic Images IEG P.F. AUD	E aradin Pan anura
GERM/	AN .	(ARTS AND	HUMANITIES)	description under GVPT 399A	399A IQI a COMBINEO IDIAI QI	e credits. See course
GERM 101	Meets USP Distributive Studies (A) C	ting Method REG/P-FAUD Cultural and Historical requirement	ıt.	GVPT 396 Introduction to Political Research 3 cre	oom Arranged dits; Grading Method REG/P-	Glass, J F.AUD
0101 0201	MTuWTh 9:30am-12:20pm MTuWTh 9:30am-12:20pm	Bidg JMZ, Room 3203 Bidg, JMZ, Room 3203	Staff Staff	0101 Time Arranged R	oom Arranged	Staff Staff
	Introduction to basic structures and pron reading and writing Readings concern world.	the current life-style and civilization	n of the German-speaking	A required course for all honors students de- writing skills in political science and politi- research design for an honors paper required	signed to emphasize library, reserved philosophy. A written property of all students as a final property.	osal, bibliography and
GERM 102	Elementery German II 4 credits, Gra Meets USP Distributive Studies (A) C MTuWTh 9:30am-12:20pm Prerequisite, 101 or equivalent. A contractive and confument the producing	ding Method. REG P-F AUD Cultural and Historical requiremen	ıt.	normally be taken in the junior year		CC
0201	MTuWTh 9:30am-12:20pm Prerequisite, 101 or equivalent. A conti	Bldg JMZ, Room 1122 mustion of GERM 101, completing	Staff the introduction of basic	0101 Time Arranged R 0201 Time Arranged R	oom Arranged	Staff Staff
	Intermediate German 4 credits Grad	ting Method REG P-E AUD	in speaking world	Prerequisite admission to GVPT honors pro Preparation of an original paper		
0201	Meets USP Distributive Studies (A) C MTuWTh 9:30am-12:20pm Prerequisite. GERM 102 or 103 or equ	Bldg. JMZ Room 2102	Staff	GVPT 399A Seminar in Government and Politics: Fi 3 credits, Grading Method Fi 0101 Meets JUN 1 to JUN 17	REG P-F AUD	anny
	idioms, conversational fluency and con civilization of the German-speaking worl	apositional skills. Readings stress i	the current life-style and	Time Arranged Requires concurrent registration in GVPT understand nature and structure of politics of	oom Arranged 388A for a lotal of 6 credi	Glass, J is. Survey of films to
GERM 415 0201	German/English Translation I 3 cred MTuTh 4:00pm-6:00pm	dits; Grading Method REG/P-F A Bldg JMZ, Room 0204	IUD Fagan, S	structure of loneliness, desnair, notentiality ar	ad the politics implicit in these er	es and anti-families, the motional realities
	An intensive presentation of German gra	ammar limited exclusively to reading	g skill, graded readings in	GVPT 401 Problems of World Politica 3 credits, Gr 0101 TuTh 9:30am-12.30pm Bl Prerequisite GVPT 170 A study of government	Idg. LEF, Room 2208	Weinberg, Y
GERM 419	foreign language requirement. May not 111-115 and/or GERM 301/302	be taken for credit by students who	o nave completed GERM	war, problems of neutrality, and propagane	la. Students are required to re	epon on readings from
	Selected Topica in German Langue	ge Study: Business Germen		GVPT 442 History of Political Theory — Mediaval to Meets USP Advanced Studies Developme	Recent 3 credits, Grading Ment of Knowledge requirement	lethod: REG P-F AUD
GERM 499	MTuTh 4:00pm—6:00pm Directed Study: Directed Study in 6	Bidg JMZ, Hoom 3205	Strauch, G thod REG AUD	Prerequisite, GVPT 100. A survey of the p	idg LEF, Room 2166 rincipal theorists set forth in the	Terchek, R works of writers from
0101	Time Arranged Time Arranged	Room Arranged Room Arranged	Phster, G Phster, G	Michiavelli to J. S. Mill. GVPT 457 American Foreign Relationa 3 credits, G. Meets USP Advanced Studies Analysis of the control of the contr	Human Problems requirement) nt
GERM 798	Meeter's Independent Study 1-3 cra Time Arranged Time Arranged	Room Arranged	Pfister, G	0101 MW 9.30am-12.30pm Bi 0201 TuTh 9.30am-12.30pm Bi	dg LEF, Room 2208 dg LEF, Room 2208	Bobrow, D Kaminski, B
GERM 799	Mester's Thesis Research 1-6 credi	Room Arranged its, Grading Method REG	Pfister, G	Prerequisite GVPT 170. The principles and with emphasis on the department of state of	machinery of the conduct of Am	erican foreign relations.
	Time Arranged Time Arranged Postoral Independent Study 1–3 cr	Room Ärranged Room Arranged adds Grading Mothod REG AUC	Staft Staff	GVPT 479 Problems of American Public Policy: Po 3 credits; Grading Method Fi	FG P-F AUD	
0101	B Doctoral Independent Study 1–3 cm Time Arranged Time Arranged	Room Arranged Room Arranged	Plister, G Phster, G	0201 MW 12:30pm—3:30pm Bi GVPT 708 Seminer in International Relations Theo	dg LEF, Hoom 2138H erv 3 credits: Gradina Method:	Vietn, L REG AUD
GERM 899	Doctoral Dissertetion Research 1-8 Time Arranged	8 credits; Grading Method REG Room Arranged	Staff	0101 MW 6 30pm-9 30pm Bi GVPT 741 Political Theory 3 credits: Grading Methol	dg. LEF, Hoom 2123 d: REG AUD	Philips, W
0201	Time Arranged	Room Arranged	Staff	O201 MW 6 30pm-9 30pm Bi A graduate level introduction to the history of	dg LEF, Room 2123	Alford, C al theory

GVPT cont.		
GVPT 799 Master's Thesis Research 1-6 cr	redits, Grading Method REG	
0101 Time Arranged	Room Arranged	Staff
0201 Time Arranged	Room Arrangad	Staff
GVPT 878A Problems in American Governm 3 credits, Grading Me		'
0101 TuTh 6:30pm-9:30pm	Bldg LEF, Room 2123	Uslanar, E
GVPT 878B Problems in American Government 3 credits, Grading Me	ethod REG AUD	
0201 MW 3:30pm-6:30pm	Bldg LEF, Room 2138H	Reeves, M
GVPT 898 Readings in Government and Po	litics 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

HEBR

HEBREW (ARTS AND HUMANITIES)

Room Arranged

HEBR 498L Special Topics in Habrew: Languages of the Jaws 3 credits: Grading Method REG P-F-AUD

0201 Time Arranged

0101 MTuWThF 9 30am-10:50am uWThF 9:30am-10:50am Bldg JMZ, Room 2117 Liberman, E. A historical overview of the development of Hebrew and other languages generated by Jewish communities

HESP

HEARING AND SPEECH SCIENCES (BEHAVIOR AND SOCIAL SCI)

HESP 120 Introduction to Linguistics 3 credits, Grading Method REG P-F AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requ

0101 MTuWThF 11.00am-12.20pm An introduction to the scientific study of natural language with focus on the basic concepts of phonology, syndras, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles Bldg LEF, Room 2176

HESP 202 2 Introduction to Haaring and Speech Sciancas 3 credits, Grading Method REG P-F AUD MTW/ThF 930am-1050am Bidg LEF, Room 1221 Staff Introduction to phonetics, the physiological bases of speech production and reception, and the

physics of sound

HESP 311 Analony, Pathology and Physiology of the Auditory Systam
3010 MTuWThF 9.30am-10.50am Bidg LEF. Room 1208
Breequisie. HESP 202 Gross anatomy of the ear and pathways for transmission of sound energy through the peripheral and central architory system. Classes, development and effects of pathological conditions contributing to temporary or chronic hearing impairments.

HESP 400
Speech and Language Development in Children 3 credits. Grading Method REG P-F AUD
WThF 11.00am-12 20pm
Bidg LEF, Boom 1222
Roth, F
Roth, F
Rerequisite HESP 300. Analysis of the normal processes of speech and language development in

HESP 4388 Seminar: Special Issues in Early Childhood Special Education: Pragmatics Languaga Disorders in School-Aged Learning Disabled Students 2 credits, Grading Method REG P-F AUD Permission of department required

Meets JUL 13 to JUL 24 MTuWThF 9 30am-12 30om Bldg LEF, Room €135 Roth, F

MTUWThF 9 30am-12 30pm Bldg LEF, Room 915 Roth, F
HESP 438B Seminar: Special issuas in Early Childhood Special Education: The Use and Cere of the Professional Voice 1 credit. Grading Method REG P-F.AUD

201 Meets JUL 27 to JUL 31
MTUWThF 9 00am-12 00pm Bldg LEF, Room 2205
MTUWThF 1:30pm-4 30pm Bldg LEF, Room 2205
MTUWThF 1:30pm-4 30pm Bldg LEF, Room 2205

HESP 498 Seminer: Manual Communication Systems 3 credits, Grading Method REG P-F AUD 0101 MWF 12:30pm-2 30pm Bldq LEF, Room 0135 Gordon-Salant, Gordon-Salant S

HESP 499 Independent Study: Topica in Hearing and Speech Sciences
1-3 credits, Grading Method REG P-F AUD 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Staff Staff HESP 510 Aphesia 3 credits, Grading Method REG AUD 0101 TuTh 12:30pm-3:30pm Bidg L Grant S

Th 12:30pm—3:30pm Bidg LEF, Room 0135 Language problems of adults associated with brain injury HESP 638 Minor Research Problems 1 credit, Grading Method. REG AUD 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged Roth, F Room Arranged Staff

HESP 639 Special Topics in Hearing and Speech Sciences: Manual Communication Systems
3 credits, Grading Method REG AUD
MWF 12.30pm-230pm Bildg LEF, Room 0135 Gordon-Salant,

Gordon-Salant S HESP 639A Special Topics in Hearing and Speech Sciences: Pragmatics Language Disorders in School-Aged Learning Disabled Studenta 2 credits, Grading Method. REG AUD 0201 Meets JUL 13 to JUL 24 MTWThF 9:30am-12:30pm Bldg LEF, Room 0135 Roth. F

HESP 639B Speciel Tooles in Hearing and Speech Sciences: The Use and Care of the Professional Voice 1 credit Garding Midwood REG AUD.

Permission of department required

201 Meets JUL 27 to JUL 31

MTuWThF 900am-12.00pm

Bildg LEF Room 2205

McCall, G

HESP 648 Clinical Practica in Speech 1-3 credits, Grading Method REG AUD

Permission of department required Time Arranged Room Arranged Patrick, S HESP 649 Clinical Practica in Audiology 1–3 credits, Grading Method: REG AUD Permission of department required

0101 Time Arranged McCabe M Room Arranged HESP 708 Independent Study 1–6 credits, Grading Method REG AUD
1010 Time Arranged Room Arranged
0201 Time Arranged Room Arranged Staff

HESP 729 Advanced Clinical Practice in Audiology: Advanced Clinical Practicum
1-8 credits: Grading Method REG/AUD Permission of department required

0101 Time Arranged Room Arranged McCabe M HESP 799 Master's Theala Research 1-6 credits, Grading Method REG 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged Staff HESP 899 Doctorel Dissertation Research 1-8 credits; Grading Method REG 0001 Time Arranged Room Arranged Room Arranged Room Arranged Staff

HIST

The Ancient World 3 credits, Grading Method, REG A-FAUD

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

Bidn KFV Discontinuous Control Soam

Bidn KFV Discontinuous Control Soam

Bidn KFV Discontinuous Control Con HISTORY HIST 130 uWThF 9.30am-10.50am Bldg KEY. Room 1117 Eckstein, A uWThF 9.30am-10.50am Bldg KEY. Room 0116 Holium, K Interpretation of select literature and air of the ancient Mediterranean world with a view to MTuWThF 9.30am-10 50am

illuminating the antecedents of modern culture religion and myth in the ancient near East. Greek philosophical, scientific, and literary invention, and the Roman tradition in politics and administration

HIST 133

administration

ST 133 Modern Europe: 1789 - Present 3 credits, Grading Method: REG.P-F.AUD

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

Bildy, EEV, Broom 1013

Harns, J.

STORM THE TOWN THE CONTROL OF THE TOWN THE ARROWS THE CONTROL OF THE CONTRO HIST 156

History of the United States to 1865 3 credits. Grading Method. REG.P.F.AUD
Method States to 1865 3 credits. Grading Method. REG.P.F.AUD
Method States to 1865 3 credits. Grading Method. REG.P.F.AUD
Method States to 1865 3 credits. Grading Method. MEG.P.F.AUD
MitoWinf-8 003m—9 20am
Bigg. REY. Room 1117
Mosen, K.
A survey of the history of the United States from colonial times to the end of the Civil War

Emphasis on the establishment and development of American institutions **HIST 157**

Emphasis on the establishment and development of American institutions.

History of the United States Since 1865.3 credits. Grading Method. REGIP-F-AUD

Meals USP Distributive Studies (D) Social and Behavioral Sciences requirement

LWWThF 12 30pm—1 S0pm

Bldg KEY, Room 0103

Smith, E

TuWThF 12 30pm—1 S0pm

Bldg KEY, Room 0116

Moss Jr., A MTuWThF 12 30pm-1 50pm MTuWThF 12 30pm-1 50pm

HIST 200

MOVATHE 12 30pm-1 50pm

A survey of economics, social intellectual, and political developments since the Christ War Emphasis on the nsc of industry and the emergence of the United States as a world power of the control of the Christopy of Science 3 credits, Granding Method REGG-F-AUD Meets USP Distributive Studies (A) Cultural and Histonical requirement.

10101 MTWATTP 3 93am-10 50am

10104 Bidg, KEY, Room 0116

Surce, of some major problems in the development of science. Specific champles of discoveries and theories from the varyonation of theories of histopical change, philosophies of science, and interaction of science with philosophy. Students cannot receive credit for both PHIL 250 and HIST 1913.

2009

The Holocaust of European Jawry 3 credits; Grading Method REG/P-F/AUD

MTuWThF 11 00am-12 20pm Bldg KEY, Room 0120 Rozenblit, M

Roots of Nazı Jewish policy in the 1930's and during World War III, the process of destruction and

the implementation of the "final solution of the Jewish problem" in Europe, and the responses made

the implementation of the "final solution of the lewish problem" in Europe, and the responses made by lews to their concentration and annihilation.

HIST 219A Special Topica in History; Military History in Film.

1010 MTh 12 30pm -geoties, Grading Method REG PF-AUD.

HIST 236 History of Britain 1688 to Present 3 credits, Grading Method REG PF-AUD.

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

1020 Military of Britain 1688 to Present 3 credits, Grading Method REG PF-AUD.

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

Tablis, I.

British havon, from the Giannus Recolution of 1688 to the presen. The revolution of 1688, the structure of 15th century society and politics, conomic and social change in the industrial revolution. 19th and 20th century political and social reform, impenalism, the impact of the First and Second

19th and 20th century political and social reform, impenalism, the impact of the First and Second World Wars on British society. Reading Method. REG-P-F AUD. **HIST 237**

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

WThF 1100am-120pm Bldg. KEY, Room 0116 Majeska, G
An overview of Russian history stressing the main lines of development of the Russian 5tate and the 0201 MTuWThF 11:00am-12:20pm

An overview of Russian history, stressing the main lines of development of the Russian State and the colution of Russian culture to the present day.

HIST 312A Crisis and Change in the United States: The Changing Urban Scene

1010 MTWHF 9 30am-10 50am Bidg, FKP, FROM 012B Flack, J

This cours explores the changing urban scene in the U.S with emphasis on the effects of urbanization on values. Jamily patterns, intergroup relations and social structure. Theories about stages of the national development.

HIST 314A Crisis and Change in the MIGHT part and Africa: Nationalism and Nation-Budding in the State of the national development.

stages of the national development.

HIST 314A. Crisis and Change in the Middle East and Alrica: Nationalism and Nation-Building in the Middle East 3 credits. Grasing Method REG FF AUD.

Meets USP Antonaced Studies Analyses of Human Problems requirement.

Q201 MTuWThF 9 30am-10 50am Bigg KEY, Room 0119 Zill, M. This course acquaints students with the effect of nationalism on patients of political conflict and accorrimodation in the Middle East. Readings and discussions focus on the period since World War 1 and the collapse of the Ottomat Empire it explores the challenges presented to Arab and Turkish nation builders in their efforts to define a national identity, secure full independence and establish a legitimizing national ideology, supported by stable political social and economic institutions. The special place of train, with its centures old national existence, will also be studied. Perequisite One history course.

history course

ST 337 Europe In the World Setting of the 20th Century 3 credits, Grading Method REG.P-F.AUD

Bldg. KEV, Room 0103 Kent, G

Pollistat, 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.

ST 366 Social end Cultural History of Europe 3 credits, Grading Method REG.P-F.AUD

Bldg. KEV, Room 0119 Matossian, M

An exploration of sixed structure. Itle styles, neutals, symbols, and mystor be peoples of Europe 30201 MTWTFF 12 000m 13 credits, Grading Method REG.P-F.AUD

MTWTFF 1100am-12 200m Bldg. KEV, Room 1117 McCusker, J

Colonal American Colonial History 3 credits, Grading Method REG.P-F.AUD

Bldg. KEV, Room 1117 MCCusker, J

Colonal American from Janestown to 176.³ The establishment of the various colones with emphasis on the reasons for the instability of colonial secret to 1689, the emerence of stable societies after **HIST 337**

HIST 346 HIST 360

on the reasons for the instability of colonial society to 1689, the emergence of stable societies after 1889, the development of colonial regionalism, political institutions, social divisions, education, urban and frontier problems in the eighteenth central

Honors Theals 3 credits, Grading Method REG P-F AUD
Permission of department required by permission only
me Arranged HIST 398 0101

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Room Arranged
Independent Study 1–6 credits. Grading Method: REG P-F AUD
Permission of department required
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0101 Time Arranged Boom Arranged

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Prequeste departmental approval of revearch project and consent of the department. Available to all students who wish to pursue a specific research topic.

IST 410 Introduction to Archives I 3 areains, Grading Method. REG.P-FAUD.
Concurrent registration in HIST 411 required.

1010 W 7 00pm-9 00pm

Grimsted, D

Grimsted, D HIST 410

Concurrent registration in HIST 411 required W7 70pm-90 pm Bldg KEY Room 2119 Gninsted, D Time Arranged Prerequired Consent of department Corequired HIST 411 History of the basic intellectual problems relating to archives and manuscript repositiones, emphasis on problems of selection, access, preventation, incrininging and clitting as well as the variety of institutions housing documents HIST 411 Introduction to Archives II 3 credits, Grading Method, REG.P-F AUD Concurrent registration in HIST 410 required me Arranged Room Arranged

0101 Time Arranged Grimsted, D Toolin Aurangeo

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Percepaiste Concert of department. Corgusted HIST 44 Arranged

Percepaiste Concert of department. Corgustate HIST 44 Arranged

Percepaiste archives of manuscript reprostories in the Baltimore Arrangolis Washington. D Coarcis

Assignments to specific projects based on intellectual interest of students Time Arranged

HEALTH

HIST cont.

HIST 4198 Special Topics in History: Constitutional leasuss of the 20th Century: A Historical Perspective 3 credits; Grading Method: REG.P-F/AUD 0201 Meets JUL 13 to AUG 7 MWF 9:00am-12:00pm Bidg, KEY, Room 2119 Staff

Time Arranged

me Arranged Hoom Arranged (DIS)
This course is offered in conjunction with the Constitutional Bleentennial Summer Attendance at some symposia during the weeks of July 20 thru July 29 is required HIST 442 The Soviet Union 3 credits; Grading Method REG/P-F/AUD

MTuWTh F11:00am-12 20pm Bldg, KEY, Room 0116 Foust, C
A history of Soviet Russia and the Soviet Union from 1917 to the present. Stress on the relationship between Marxist theory and practice, and the development of peculiarly socialist institutions and

HIST 619B Special Topics in History: Independent Study 1–3 credits, Grading Method REG AUD Permission of department required.

Room Arranged Time Arranged Time Arranged Room Arranged

HIST 619C Special Topics in History: Constitutional lasues of the 20th Century: A Historical Perspective 3 credits; Grading Method: REG AUD 0201 Meets JUL 13 to AUG 7 MWF 9 00am-12.00pm Bidg KEY, Room 2119 Staff

Time Arranged Program Space (DIS)

This course is offered in conjunction with the Constitutional discentential Summer Attendance at some symposia during the weeks of July 20 thru July 29 is required. **HIST 799** Mestar's Theala Raseerch 1-6 credits, Grading Method: REG me Arranged Room Arranged 0101

Time Arranged Time Arranged 0201 Room Arranged Staff HIST 899 Doctoral Dissertation Rasesrch 1-8 credits, Grading Method. REG ime Arranged Room Arranged Room Arranged Time Arranged 0201 Time Arranged

HLTH

(PHYS ED, RECR, AND HEALTH)

HLTH 106 Orug Use and Abuse 3 credits, Grading Method REG/P-F-AUD 0101 MTuWThF 11:00am-12:20pm Bldg. PRH, Room 1301 0201 MTuWThF 8:00am-9:20am Bldg. PRH, Room 1301 Thomas, S

An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, phihosophical, historial, légal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life and abuse Special atte o the college campus

 MTuWThF 9:00am-9:20am
 Bidg. PRH, Room 0302
 Ramsey. S

 MTuWThF 9:00am-9:20am
 Bidg. PRH, Room 0302
 Ramsey. S

 MTuWThF 9:00am-9:20am
 Bidg. PRH, Room 0302
 Ramsey. S

 MTuWThF 9:00am-9:20am
 Bidg. PRH, Room 0302
 Baker, E
 HLTH 150 0101

Uverine Souther-South District Programmer and training in emergency care, including candopathonary resuscitation, hemorrhage control, shock, possons and bone injury treatment and childbirth. American Red Cross and Heart Association of Maryland Certification awarded

HLTH 230 Introduction to Health Behavior 3 credits. Grading Method: REG.P.F.AUD Meets USF Distributive Studies (D) Social and Behavioral Sciences requirement. With F9 30am-10 50am Bildg PRH, Room 303 Dolson Jr. J

DISON 17, J. DOSON 37, J. 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

health care.

Controlling Stress and Tenaion 3 credits, Grading Method REGP-FAUD
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement
MTWWThF 9:30am-10:50am Bidg PRH, Room 1308 Greenberg, J
MTWWThF 9:30am-10:50am Bidg PRH, Room 1301 Allen, R
Health problems related to stress and tension Analysis of causative psychr-social stressors and
intervening physiological mechanisms. Emphasis on prevention and control of stress through
techniques useh as biofectoback, meditation and favoromiscular relatation.

HLTH 371

Communicating Selety and Health 3 credits, Grading Method REG.P-F.AUD
 MTuWTh 9:30am-10:50am Bidg PRH, Room 1301 Beck, K
 The communication and evaluation of safety and health information. Emphasis on various types of communications and recipient factors which contribute to their success or failure.

HLTH 377

Tommunications and recipient factors which contribute to their success or failure.

Thuman Sexuality 3 credits, Grading Method: REG.PF.AUD.

Students who have received credit for HLTH 477 not eligible.

MTWVThF 10 ann—12 200m Bidg. PRH, Room 1303 Greenberg, J

MTWVThF 8.00am—92 20am Bidg. PRH, Room 1303 Staff

The biological and developmental aspects of human setuality, the psychological and emotional aspects of sexual behavior sexual identity; the historical cultural, social, linguistic, legal and moral forces affecting sexual insues, the importance of communication, disclosure and intimacy in interpresonal relationships, and research trends in the area of human sexuality.

HLTH 430
Hellh Education in the Workplace 3 credits, Grading Method: REG AUD
1010
MTUWThE 11.00am-112.00pm
A survey of the role of health education in work settings. Examination of occupational stress, the
health effects of shift work, women's health in the workplace, health education approaches to
morning workers and management, and health promotion programs in the workplace

HLTH 440

Health Education and Bahavioral Approaches to Nutrition

3 credits: Grading Method: REGP-FALD

1010

MTUWThF 9.30m-10.50mm

Bidg PRH, Room 0305

Fediman, R

Percepusive: NUTR 100 or equivalent Health education and health behavior methods, techniques and approaches applied to nutrition behavior, wasy of changing nutrition and dietail relationship between nation and health, nutrition education, psychology of eating, and behavioral and calment features for the size of the si and cultural factors in diet

6 Health of the Aging and Aged 3 credits; Grading Method REG P-F AUD
MTUWTHS 9:30am-10:50am Bidg PRH, Room 0305 McKay, R
Psychological, physiological and socie-conomic aspects of aging, nutrition, setuality, death, dying,
and bereavement, self-actualization and creativity, health needs and crises of the aged **HLTH 456**

Women's Health 3 credits, Grading Method, REGP-FAUD
MTuWThe 11:00am-12:20pm Bldg PRH, Room 1302 McKay, R
The women's health movement from the perspective of consumerism and ferminism. The
physician-patient relationship in the gynecological and other medical settings. The gynecological
surgical procedures Psychological aspects of gynecological concerns

Field Linearchap Bricheste and Workshop. I Security Control Method: IFSG P. 8.1.10. **HLTH 471**

HLTH 489 Field Laboratory Projects and Workshop 1-6 credits; Grading Method: REG P-F AUD contact department to make arrangements

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

Ozo1 Imme Arranged HITH Average State

HITH 498A Special Topics in Health: Weight Control Practicum

3 credits: Grading Method: REG.P-F.ALID

0101 MTUWThF 11 00am-12 20pm Bldg. PRH, Room 0307 Mann, P.

(Limited to students who are at least 20 libs overweight) Designed for those who have a weight control problem. Bet in one of otherly, overweight, or the continual struggle to control weight Acheving and maintaining a healthy weight involves the sum of hological, psychological, and socicultural considerations, consequently, the students are asked to examine these factors as they apply to their unique life style, to match theoretic considerations with individual needs and life nature.

HLTH cont.

HLTH 498M Special Topics in Health: Micro-Computer Applications in Health Education
3 credits; Grading Method: REG
0101 TuWTh 415pm-6 45pm Bidg. PRH, Room 0308 Gold, R

0101 TuWTh 415pm-645pm Bidg, PRH, Room 0308 Gold, R
HLTH 489S. Special Topics in Health: Human Potentials a zoedits; Grading Method: REG/P-F/AUD
Permission of department required Prerequiate. HLTH 285.

0201 MTuWTh 11 00am-1220pm Bidg, PRH, Room 0307 Allen, R
This course is a theoretical and applied exploration of the positive realms of human health and performance when be personal americ "disease-free" stale. A process model is developed through the course which articulates the stages involved in the process of human beings rising to new quantum levels of functioning, with regard to all directions of human accomplishment. Ehabacement excercises are practiced in class at each stage of the model. Experiences are provided to assist in the identification and transcendance of personal barriers that may be inhibiting the full manifestation of their potential Activities and application areas include creativity and mental performance testing, sensory awazenes, divergent thinking, altered states of consciousness induction, creativity training, visceral learning and biofeedback training, cognitive transformations, visualization training, athletic performance, etc. The course is fundamentally based on the postulate that the only limits to our human capabilities are self imposed ones that can be identified and transcended.

HLTH 688

HLTH 688 Special Problems in Health Education 1–6 credits; Grading Method: REG/AUD Contact department to make errangements.

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 Problems in Walght Control 3 credits, Grading Method: REG/AUD
MTuWThF 9:30am-1050am
Bidg PRH, Room 1303
Mann, P.
Prerequisite HLTH 720 or permission of instructor. A study of the causes, health cost, and control of obesity through analysis of lipid-glucose interaction, hunger-safety, theories and mechanisms: psycho-social forces in obesity, body composition, energy output, and disease states related to obesity

HLTH 799 Maatar'a Thesis Research 1-6 credits, Grading Method; REG

Permission of department required Time Arranged Room Arranged Room Arranged 0201 Time Arranged HLTH 899 Doctoral Dissertation Research 1-8 credits; Grading Method: REG 0101 Time Arranged Room Arr

HORT

(AGRICULTURE)

Maninato P

HORT 399 Special Problems 2 credits; Grading Method: REG/P-F/AUD 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged Room Arranged Staff HORT 699 Special Problems in Horticultura 1-3 credits: Grading Method: REG/AUD 1010 Time Arranged Room Arranged State 10201 Time Arranged Time Arranged State 10201 Time Arranged Ti 0101 Time Arranged 0201 Time Arranged Staff HORT 799 Maater's Thesis Research 1-6 credits, Grading Method: REG 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged Staff HORT 899 Doctoral Dissertation Research 1-8 credits; Grading Method; REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Staff

HSAD

HORTICULTURE

HOUSING AND DESIGN (ARTS AND HUMANITIES) HSAD 210 Presentation Techniques 3 credits; Grading Method: REG/P-F/AUD

Meets JUN 1 to JUL 24 TuTh 8:00am-12:30pm Bldg. MMH, Room 1108 Odland, S HSAD 488A Selected Topics in Housing and Interior Design: Computer-Aided Design and Drafting 3 credits; Grading Method: REG/P-F/AUD

Bldg. MMH, Room 1413A Eckersley, M 0201 MWF 1:00pm-4:00pm HSAD 488M Selected Topics in Housing and Interior Design: Understanding Interior Space 3 credits; Grading Method: REG/P-F/AUD 0101 MWF 10:00am-12:00pm Bldg. MMH, Room 2407A

IADM

INSTITUTION ADMINISTRATION (HUMAN ECOLOGY)

| ADM 799 | Master's Thesis Research 1-6 credits; Grading Method: REG | 10101 | Time Arranged | Room Arranged IADM 899 Doctoral Dissertation Research 1-8 0101 Time Arranged 0201 Time Arranged credits; Greding Method: REG Room Arranged Room Arranged

ITAL

(ARTS AND HUMANITIES) ITALIAN

ITAL 101

AL 101 Elementary Relian I 4 credits; Grading Method: REGIP-FAUD
Meets USP Distributive Studies (A) Cultural and Historical requirement.

10101 MTWNTPR 930am-1030am Bildy, JMZ, Room 2125 Staff
Increduction to basic grammur and vocabulary; written and oral work. Credit will not be given for
both ITAL 101 and ITAL 121.

ITAL 102

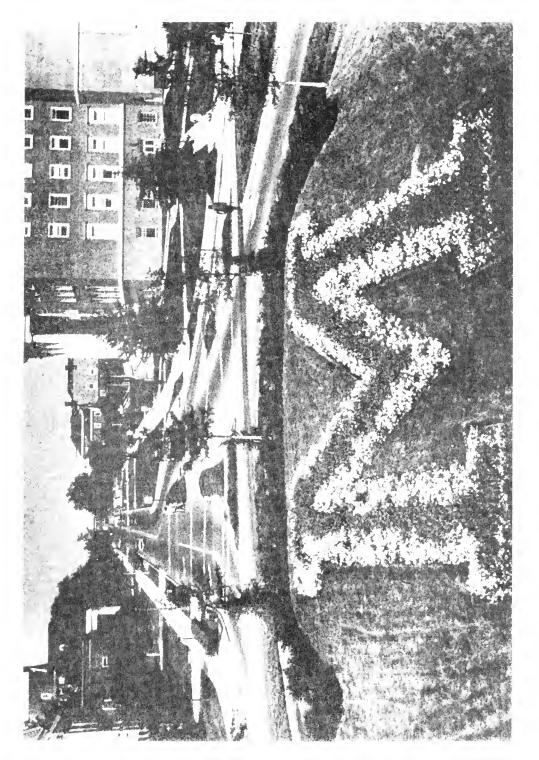
AL 102 Elementary Italian II of credits, Grading Method: REG/P-F/AUD
Meets USP Distributive Studies (A) Cultural and Historical requirement.
Bildy JMZ, Room 1104
Prerequister (TAL 10). Completion of study of basic grammar, written and oral work, with an increasing emphasis on spoken fallian.

IVSP

INDIVIDUAL STUDIES PROGRAM (UNDERGRADUATE STUDIES)

IVSP 318 Individual Studies 1–15 credits; Grading Method: REG/P-F/AUD Permission of department required. IVSP majors only.

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JAPANESE

IVSP cont. Tutoriel Report 1 credit; Grading Method: S-F Permission of department required. IVSP majors only IVSP 319

Room Arranged 0101 IVSP 320 Bachelor's Report 3 credits, Grading Method. REG/P-F/AUD
Permission of department required. IVSP majors only
me Arranged Room Arranged Time Arranged 0201

The Arlanged me Arranged Poor Arranged Staff Required of all students in the Individual Studies Program whose program includes 40% or more of informal educational experience (independent study, special problems, work internship, etc.) And is strongly recommended for all students in the program. This paper is to be completed in the student's final semister and approved by the future and committee prior to certification for the degree.

JAPN

(ARTS AND HUMANITIES)

 Elementary Japenese I 6 credits; Grading Method: REGP-F
 Meets USP Distributive Studies (A) Cultural and Historical requirement
 MTWNTF 930cm-12:10pm Bldg JMZ, Room 2207 Yaginuma, K
 Introduction to basic patterns of contemporary spoken Japanese and to the two phonetic syllabanes **JAPN 101**

Introduction of obstep batterings or contemporary spoken againets and one two priorities synapares (Ralakana and Hitagana).

IPN 102 Elementary Japanese II 8 credits, Grading Method: REG Metis USP Distributive Studies (A) Cultural and Historical requirement.

2020 MTWVThF 9:30am-12:10pm Bidg JMZ, Room 2117 Yaginuma, K Perceptisite: JAPN 101 or equivalent Continued introduction to the basic spoken and written patterns of contemporary Japanese

JOUR

JOURNALISM
JOUR 100
Introduction to Meas Communication 3 credits; Grading Method: REG
Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.
Bidg, KEY, Room 0102
Levy, M
Survey of the functions and efficts of the mass media in the United States A consumer's infroduction to newspapers, television, radio, film, sound recording, books, imagazines, and new

JOUR 201

introduction to newspapers, television, radio, film, sound recording, books, magazines, and new media technology, Introduction to public relations, adversings, and news analysis.

1 Writing For Mass Media 3 credits; Grading Method; REG
Provisional or full admission to the college and 30 WPM lyping ability. A 5-minute typing lest is required. Students must demonstrate competence in language swills to pass JOUP 201. Satisfactory performance on a test of language skills fixWE or TLS) is required. Students are advised to take the test of language skills prior to registration. Check in JRN 2109 for test times and obless. Must heve at least 22 cordes teamed. For images only with the students of the

JOUR 202 0201

JOUR 320

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

2E Editing For the Mass Media 3 credits, Grading Method: FIEG
Prerequisite: JOUR 201 Mass Managors only
MTuVThF & 00am-9-20am
Blog, JRN, Room 1117
Barkin, S
Prerequisite: JOUR 201 Basic editing skills applicable to all mass media copy editing, graphic principles and processes, new media technology
News Reporting 3 credits; Grading Method: FIEG
Prerequisite: JOUR 202. Majors only
MTuVThF 1100am-1220pm
Blog, JRN, Room 3103
Stepp Jr., A
Prerequisite: JOUR 202. Principles and practices of news reporting with special emphasis on news gathering for all the media; covering news bests and other news sources, including researching gathering for all the media; covering news bests and other news sources, including researching 0101 gathering for all the media: covering news best and other news sources, including researching a news story for accuracy, comprehensiveness and interpretation. Public Relational Theory 3 credits; Grading Method: REG

JOUR 330

Majors only. 9191 MW 6.00pm-9:00pm Bldg JRN, Room 1104 We output—9 to Uptin

Percequiste: FUUR 201 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 331 Public Relations Techniques 3 credits; Grading Method REG

Majors only. 0201 MTuWThF 11:00am-12:20pm Bldg. JRN, Room 3103 Kraft F Prerequisites JOUR 202 and 330 The techniques of public relations including news releases, publications and printed materials, audio-visual techniques, speeches and special events. Application

publications and printed maternals, audio-visual rechinques, speeches and special events. Application of these techniques in laboratory and field projects.

JOUR 340 Advertising Communication 3 credits, Grading Method. REG Prerequisite; JOUR 202 Magors only Bldg. JRN, Room 1104 Zanot. E Prerequisite; JOUR 201 Advertising as a mass communication profession and its rote in the public information system of the United States. Application of communication profession and research methods to the research, planning, communication, and evaluation appects of adversing JOUR 341 Advertising Techniques 3 credits, Grading Method. REG Prerequisite; JOUR 300, and 340. Writing and production of print and broadcast adventisements, application of these techniques in absoratory and field projects.

JOUR 350 Photogournalism 3 credits, Grading Method REG Projects and Production of Print and Broadcast adventisements.

Prerequisite: JOUR 201. Mejors only M 8:00am-12:00pm Th B:00am-12:00pm Bldg. JRN, Room 2116 Bldg. JRN, Room 2116 (LAB)

Prerequisite JOUR 201. Fundamentals of camera operation, composition, developing and printing black and white still photographs for publication; history of photogournalism. Not open to students with credit in JOUR 372.

Broadcast News I 3 credits; Grading Method. REG JOUR 360

JOUR 360

Broadcast News 1.3 credits; Grading Method. REG
Majors only

0201

MTuWThE 1100am-12 20pm
Bldg JRN, Room 3102

Levy, M
Prerquiste JOUR 202

Writing for the broadcast media and the production of news stones

JOUR 371

Megazine Article and Feature Writing 3 credits; Grading Method: REG

1001

MTuWThE 9.30em-10.50am

Prerquiste JOUR 320. Types of feature articles, particularly for the magazine market, analysis of the magazine motive and specialized audiences, practice in researching and writing the feature articles, analysis of the free lance market.

JOUR 396 Supervised Internship 3 credits; Grading Method: REG For majors only. Contact Lois Kay, 2114 Journalism Bldg for applications, restrictions, and deadlines

Meets JUN 1 to AUG 21 0101 Time Arranged

petrs Juni 1 to Aud 21 Bldg. JRN, Room 2114 Kay, L
Prerequisite: JOUR 202, first course of journalism sequence related to the internship and consent of
unstructor. Internship experience with communication professionals in newspapers, news broadcasting,
public relations, adventising, magazines, photojournalism, and science communication Relation of academic training to professional experience

JOUR cont.

JOUR 398 Independent Study 1-3 credits; Grading Method: REG Contact department to make arrangements. Majors only 0101 Time Arranged Room Arranged Statt 0201 Time Arrenged Room Arrenged JOUR 450 Mess Media in Society 3 credits; Grading Method: REG 0201 MTWThF 9 30am—10 50am Bldg. JRN, Room 1104 Berkin Chical, moral, political, economic, and social consideration of mass communication. Barkin, S

JOUR 459L Speciel Topics In Mass Communication: Media Planning for Advertising 3 credits: Grading Method REG Prerequisite: JOUR 340. Majors only.

10201 MTuVThF 930am-10.50am Bidg, JRN, Room 1105 Keer

Keenan, K

JOUR 491 Policy, Censorahip, and Legal Problems of Student Publications
3 credits; Grading Method. REG
1011 Meets JUN 29 to JUL 17
MIUWThF 930am-12:30pm Bldg JRN, Room 3114

TuVThF 9.30sm-12.20pm Bldg JRN, Room 3114 Boyle, R Censorship problems and court cases, legal rights of the student press; formulation of policy and legal guidelines

JOUR 492 Typography and Layout For Student Publications 3 credits, Grading Method: REG 9101 Meets JUN 29 to JUL 17 MTUWThF 1 (Opm Bldg. JRN, Room 3114 Boyle, R

Type design, type families, graphics, art, photography, and editorial and advertisement layout of school newspapers, year books, and magazines.

 JOUR 598
 Special Problems in Communication 3 credits, Grading Method: REG/AUD

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 JOUR 798 Masters Professional Fieldwork 3 credits, Grading Method: REG/AUD

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JOUR 799 Meater's Theele Research 1-6 credits; Grading Method: REG 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged Room Arranged

> LATN (ARTS AND HUMANITIES)

LATN 120 Intensive Letin 4 credits, Grading Method. REG.P.F.AUD
Meets USP Distributive Studies (A) Cultural and Histonical requirement.

10201 MTWITH F1100am-124 Opm Bildg. MAX, Room 1104 Majer, J
Precquisite permission of instructor. Not open for credit to students with credit for LATN 102
Elements of Latin garimmar and vocabulary, elementary reading. The first year's study of Latin
compressed into a single semester.

LATN 488 Independent Study in Latin Languege end Literatura 1-3 credits; Grading Method: REG/P-F/AUD

LATIN

0101 Time Arranged 0201 Time Arranged Room Arrange Rowland, R Rowland, R Room Arrang

LATN 620 Archeic Latin 3 credits, Grading Method REG/AUD Meets JUN 22 to JUL 30 MTh 6 00pm-9 30pm

Bldg. JMZ, Room 1224 Hallett. J

LBSC

(LIBRARY AND INFO SERVICES) LIBRARY SCIENCE

LBSC 488E Recent Trends and Issues in Library and Information Services: introduction to Expert Systams with illustrations in Prolog 3 credits, Grading Method: REGAUD and the Prolog Action on non-credit workshop (lee \$400), contact Jean Diepenbrock in the College of Library and Information Services, \$45–3017.

6 30pm-9 30pm Bldg. HBK, Room 4115 Soergel, D 9 30pm-9 30pm Bldg. HBK, Room 4115 Soergel, D 9 30pm-12 30pm Bldg. HBK, Room 4115 Soergel, D 9 30pm-12 30pm Bldg. HBK, Room 4115 Soergel, D Th 6 3flom-9 3flom

programming language through lectures and assignments, an easy-to-learn version is used. Students will design and implement a small expert system in an area of their choosing and may work in teams. Some background in one of more of the following is destrable: computer operations and programming, logic and database management

LBSC 499A Workshops, Clinica, and Institutes: Workshop in Archivel Automation

3 credits, Grading Method. 5-F

For information on non-credit workshop, flee \$4.00) contact Jean Diepenbrock in the College of Library and Information Services, 454–3017. Additional project and leb required.

10101 TuTh 6 00pm-9 00pm

Bldg HBK, Room 0109 Burks, F

Explores computer applications in a broad range of records management and archival activities, including control of office files through appraisal, accessioning, arrangement, description, and weSpecial emphasis will be placed on administering documentary collections with computer assistance.

LBSC 600 Proseminar: the Development and Operation of Ultraries and Information Services

3 credits: Grading Method REG AUD

Permission of department required. Meets Monday, Tuesday and Wednesday; first class session Tuesday, June 30

101 Meets July 30 to AUG 19 MTuW 12:00pm-2:00pm

tuW 12:00pm-2:00pm Bldg HBK, Room 0103 Kidd, J
Background and onentation for advanced study in library and information services, including such areas as librances as social institutions and as organizations; communication; professionalism, and the use and economics of information

LBSC 651 Introduction to Reference and information Services 3 credits, Grading Method. REG AUD
Permission of department required. Meets Monday, Tuesday and Wednesday, first class session Tuesday, June 30.

1019 Meets JUN 30 to AUG 19
MTW 9 00m-11 00gm Bldg HBK, Room 0103 Cunningham, W

Information and reference systems, services, and tools provided in libraries and information centers

Problems and concepts of communication, question negotiation, bibliographic control, and search processes are considered. Major types of information sources and modes of information delivery are introduced

LBSC 675 Introduction to information Storage and Retrieval (ISAR) Systems
3 credits, Grading Method: REGAUD
Permission of department required. Course will not meet on 3 Mondays
WMYTh 3 Dipm-5 Oppm
Micro-organization of information services and basic principles underlying both manual and mechanized ISAR systems, including the conceptual structure of indexting languages and search surregers. In organization, typology of classifications, shartcasting, and microarregular structure of indexting languages and search surregers. The organization, typology of classifications, shartcasting, and microarregular shartcasting and microarregular shartcasting and microarregular shartcasting.

LBSC 591

(recomputer in information Processing 3 greatist, about moraing

emission of department required. Plus additional lab

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	COURS	SE SECTIONS: 01x.	x, SESSION I
LB	SC cont.		
LBSC 70	Research Methods In Library and 3 credits; Grading Me	d Information Activity	
	Permission of department required	Additional project required	
0101	Tu 6:00pm-9:00pm	Bldg. HBK, Room 0103	Marchionini, G
	Sa 9:30am-12:30pm	Bldg. HBK, Room 0103 earch and their implications for the de	finition investigation and
	evaluation of library problems	earth and their implications for the de	militari in congenion and
LBSC 70	Field Study to Library Service 3	credits, Grading Method REG AUD ed. Prerequisites: LBSC 600, 651, av. 14, 1987	671, 690 or 691, and
0201	Time Arranged	Room Arranged	Cunningham, W
	Prerequisites: 1.85C 600, 651, 671	1. 690 or 691 and permission of inst	nuctor Familianzation of
	students with library operations three	ough unpaid, supervised experience a oblem in a suitable library or other info	ameror the opportunity to
1 850 70	ST Special Topics in Library and In	formation Service: Information Re	esources Management
LB3C 70	3 credits, Grading Me	ethod REGIAUD	
	Permission of department requires	d. Plus project. Bldg, HBK, Room 4113	Stielow, F
0201	MW 6:00pm-9:00pm Independent Study 1-3 credits, C		Sileiow, i
LBSC 70	Permission of department require	Permission of CLIS Admissions	Committee required.
0101	Time Arranged	Room Arranged	Starr
0201	Time Arranged	Room Arranged	Staff
LBSC 72	7 Science Information and the Org 3 credits, Grading Me	ethod REG/AUD	
	Permission of department require	d Plus additional project.	alas a
0201	Tu 6:00pm-9.00pm	Bldg HBK, Room 0103 Bldg HBK, Room 0103	Kidd, J
	Sa 9:30am-12:30pm Describes the institutional environm	nents in which science information is	produced, evaluated and
	disseminated		
LBSC 73	Seminar in the Academic Library	y 3 credits, Grading Method. REG A	IUD
0101	MW 9:00am-12:00pm	d Additional field trips and project 1 Bldg HBK, Room 4115	White. M
0101	Academic library within the fran	nework of bigher education, treating	problems of programs,
	collections, support, planning, physic	al plant, cooperation, and fiscal manag	ement
LBSC 74	5 Storytelling Materials and Techn Permission of department require	iques 3 credits; Grading Method F	EG AUU
0101	TuWTh 6.00pm-8:00pm	Bidg HBK, Room 0115	Williams, H
•	Literary sources are studied and insti	ruction and practice in oral techniques	are offered
LBSC 74	6 Analysis of Client Groups: Your	ng Adults 3 credits; Grading Method on to times listed below. Formerly L.	BSC 708N
0101	TuTh 6:00pm-9:00pm	Bldg HBK, Room 4113	Liesener, J
0.01	A sermor in the analysis of the spe	cial characteristics of youth and the re-	sultant implications for the
	interpretation of information, materia	ils and services in all types of library at Humanities 3 credits; Grading Meth	od: REG ALID
LBSC 75	Permission of department require	d Plus field trip and project	ou. NEG ADD
0201	MW 12:00pm-3:00pm	Bldg HBK, Room 4113	Stielow, F
	Analysis of the bibliographic organi	zation and information structure, resea g on core vocabularies, classification	rch methods and reference
	tools, and the presentation of hibliog	raphic information.	i, representante reference
LBSC 76	6 Business Information Services .	3 credits, Grading Method REG AU	D
	Permission of department require	d Meets daily June 1-19	Wasserman, P
0101	MTuWThF 9:00am-12:00pm	Bldg. HBK, Room 4113 sources in business, finance, and econ	
	their use in problem solving	Journey III Comment III	
LBSC 76	7 Governmental Information System	ems 3 credits, Grading Method RE	G.AUD ´
0101	Permission of department require TuTh 12:00pm-3:00pm	Bldg, HBK, Room 0105	White, M
0101	Production and distribution of g	overnment information and its contr	ol and utilization within
	information agencies. State, local, for	reign and international governmental ii	nformation practices
LBSC 89		1-8 credits, Grading Method REG	
0101	Permission of department require Time Arranged	Room Arranged	Staff
0004	Tona Assessed	Room Arranged	Stalf

Stalf 0201 Time Arranged Room Arranged

LING

(ARTS AND HUMANITIES) LINGUISTICS LING 499 Directed on 1201 Time Arranged Directed Studies in Linguistics 3 credits; Grading Method: REG P-F/AUD Room Arranged Lig Lightfoot, D Directed Study: MA Level 1–6 credits, Grading Method REG me Arranged Room Arranged LING 698 0201 Time Arranged LING 799 Master's Th Master's Thesis: Master's Thesis 1-6 credits; Grading Method REG Staff ime Arrangeo Directed Research: Ph.D. Leval: Directed Research 1-8 credits; Grading Method. REG Room Arranged Staff LING 889 Time Arranged LING 895 Doctoral Research Paper 1–6 credits, Grading Method: REG 0201 Time Arranged Room Arranged LING 899 Doctoral Dissertation Research 1–8 credits, Grading Method REG Staff LING 899 Doctorel Die 0201 Time Arranged Staff Room Arranged

MAPL **APPLIED MATHEMATICS**

APPLIED MATHEMATICS
(COMP, MATH, AND PHYS SCI)
APL 460 Computational Methods 3 credits: Grading Method: REGP-FAUD
0101 MTW/ThE 8:00am-9 20am
Bidg CL8. Room 0111 Hummel, J
Prerquister: MATH 240, 241, and CMSC 110 or cyunident Basic computational methods for
interpolation, least squarcs, approximation, numerical quadrature, americal solution of polynomial
and transcendental equations, systems of linear equations and instal value problems for ordinary
differential equations. Emphasis on the methods and their computational properties rather than on
their analytic aspects. Listed also as CMSC 460 (Credit will be given for only one of the courses,
MAPL 460 or MAPL 470;)

MAPL cont.

MAPL 799 Master's Theals Research 1-6 of 0101 Time Arranged 0201 Time Arranged	credits; Grading Method: REG Room Arranged Room Arranged	Statt Statt	
MAPL 899 Doctoral Diagertation Research 0101 Time Arranged 0201 Time Arranged	1-8 credits; Grading Method REG Room Arranged Room Arranged	Staff Staff	

MATH

MATHEMATICS

(COMP, MATH, AND PHYS SCI) MATH 110 Introduction to Mathametics I 3 credits, Grading Method: REG P-F AUD

	MATH 110 is not open to student	ts in the Engineering and Computer,	Mathematical, and
	Physical Sciences Colleges		
0101	MTuWThF 8 00am-9:20am	Bldg MTH, Room 0101	Staff
0102	MTuWThF 9:30am-10:50am	Bldg. MTH, Room 0106	Staff
0104	MTuWThF 11.00am-12.20pm	Bida MTH, Room 0102	Staff
0201	MTuWThF 8 00am-9 20am	Bida MTH, Room 0101	Staff
0201	MTeWThF 9 30am-10:50am	Bldg MTH Boom 0101	Staff

TuVTHE 9.30am-10.50am

Bidg MTH, Room 0101

Staff

Prerequisite. 2-12 years of college preparation mathematics. If the student does not have a satisfactory SAT mathematics score, or did not take the SAT mathematics test, the student must take and pass a placement test, or take and pass APATH 001 before taking MATH 110 Linear programming, systems of linear equations, matrices; elementary algebrase and trancendental functions with emphasis on their properties and graphs. (Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be given for only one course. MATH 110 or MATH 115.

MATH 110S Introduction to Mathematics I 3 credits, Grading Method REGP FAUD
Permission of department required. In this version of MATH 110, each topic is preceded by an appropriate algebra review. Concurrent registration with "Essentially Algebra a Workshop to Accompany MATH 110S" is required; see listing under workshops in this catalog Workshop fee is \$125.

1010 MTuWThF 8 45am-11.15am Bldg MTH, Room B0421 Alter, M

MATH 111 Introduction to Mathemetics II 3 credits, Grading Method: RES.P-F.AUD
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
11 is not open to students in the Engineering and Computer, Mathematical, and Physical
Sciences Colleges

Sciences Colleges
MTWThF 303am-19:50am
Bldg MTH. Room 0102
Staff
MTWThF 8 003am-9 20am
Bldg MTH. Room 0103
Staff
Prerequisite 3-12 years of college preparation; mathematics and satisfactory performance on the
SAT mathematics text, or MATH 110, or MATH 115 Logic, Boodean algebra, courning, probability,
random variable, expectation applications of the normal probability distribution. Ferdit will be given
for only one of the courses, MATH 111 or STAT 100 (Not open to students majoring in
Mathematics, Engineering of the Physical Sciences.)

Pre-Celculus 3 credits, Grading Method: REG'P-F-AUD MATH 115 0101 MTuWThF 8:00am-9:20am 0102 MTuWThF 11:00am-12:20pm

10 PTE-statutus 3 crostits. Grading Method: REG 9-F-AUD
MTUWTH 8 00am-9 00am
MTUWTH 8 00am-9 00am
Bidg MTH Room 0401
Staff
MTUWTH 8 00am-9 02em
Bidg MTH Room 0105
Staff
MTUWTH 9 00am-9 02em
Bidg MTH Room 0105
Staff
MTUWTH 9 30am-10 50am
Bidg MTH Room 0105
Staff
Prequipted 2-1/2 years of college preparatory mathematics. If the student does not have a surfactory SAT mathematics score, or did not take the SAT mathematics sets, the student must take and pass a placement test, or take and pass a placement test, or take and pass ATH 100 It before taking MATH 115 An introductory course for students not qualified to start MATH 140 or MATH 220. Elementary functions and graphs polynomals, rational functions, exponential and logarithmic functions. Incomental and logarithmic functions. Incomental and logarithmic functions. Incomental and logarithmic functions.

MATH 140 Calculus 14 credits, Grading Method REG.P.FAUD

Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
Math. 100 Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
MILINITIE 600am-9-20am
Bldg MTH, Room 0405 Staff
MILINITIE 600am-9-20am
MILINITIE 930am-10 S0am
Bldg MTH, Room 0304 Staff
Percentus 1, 110 Junes of calculus mathematics (B) Staff

I toy in my subam-10 subam 1809, min, noom 0309. I slog, min, noom 0309. Percequists 3.1/2 years of college preparatory mathematics (including ingonometry) or MATH 115. Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, skeleting of graphs of frontions, definite and indefinite integrals, and calculation of area The course is expecially recommended for science and mathematics majors. Credit will be given hor only one course, MATH 140 or MATH 200.

| STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STATE | STAT 0105

MATH 210 Elements of Mathematics 4 credits, Grading Method. REG.P.F.AUD Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement. Open

only to elementary education majors. Meets JUN 1 to JUL 24 MTuWThF 8:00am-9 20am

eners Junt 10 Jul 24
TUVITHE 800mm-9 20am
TUVITHE 8

congruence, avvisionity, systems of numeration

MATH 211 Elements of Geometry 4 credits, Goding Method REG.P-F.AUD

Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement Open only to elementary education majors.

1010 Meets JUN 1 to JUL 24

MINUTHE 9 30am-10 Soam

Prerequisite MATH 210 or equivalent Sinceture of mathematics systems, algebra of sets, geometrical structures, logic, measurement, congruence, similarity, graphs in the plane; geometry on

the sphere

| MATH 220 | Elementary Calculus I 3 credits; Grading Method REGP-FAUD | Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement | 1011 | MTUVITh 8 00am-9 20am | Blog MTH. Room 0105 | Staff | 1015 | MTUVITh 9 03am-10 50am | Blog MTH. Room 0105 | Staff | 1015 | MTUVITh 9 10am-12 20pm | Blog MTH. Room 0306 | Staff | 1020 | MTUVITh 9 10am-10-50am | Blog MTH. Room 0306 | Staff | 1020 | MTUVITh 9 10am-10-50am | Blog MTH. Room 0307 | Staff | 1020 | MTUVITh 9 10am-12 20pm | Blog MTH. Room 0307 | Staff | 1020 | MTUVITh 9 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0308 | 10am-12 20pm | Blog MTH. Room 0308 | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | Blog MTH. Room 0307 | Staff | 10am-12 20pm | 10am-12 20pm | Blog MTH. Room 0308 | 10am-12 20pm
JUVI IN 2-JUMP—1U-SUBM—
Bidg MTH ROOM 0307 Slaft
TUVITHE 11 0,00m-12 20pm Bidg MTH ROOM 0307 Slaft
Perceptuate: three and one half years of college preparatory mathematics including Trig. and
substicatory performance on the SAT mathematics less on MATH 110.5 Basse ideas of
differential and integral calculus, with emphasis on elementary techniques of differential and
applications. Not open to sudestin majoring in mathematics, eigeneering or the physical sciences
Credit will be given for only one course, MATH 140 or MATH 220

MATH CONT

MAIII COIIC.
MATH 221 Elementary Calculus II 3 credits; Grading Method: REG P-F-AUD Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
0101 MTuWThF 9.30am—10.50am Bldg MTH, Room 0407 Staff
0201 MTuWThF 8 00am—9:20am Bldg. MTH, Room 0403 Staff
Prerequisite, MATH 220, or MATH 140, or equivalent. Differential and integral calculus, with
emphasis on elementary techniques of integration and applications. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be given for only one course, MATH 144 or MATH 221.
MATH 240 Introduction to Linear Algebra 4 credits; Grading Method REG.P-F.AUD Meets USP Distributive Studies (S)Natural Sciences and Mathematics requirement. Credit will be given for only one of MATH 240, MATH 400, OR MATH 461
0101 Meets JUN 1 to JUL 24
MTuWThF 11:00am—12:20pm Bldg. MTH, Room 0303 Staff
Prerequisite: MATH 141 or equivalent Basic concepts of linear algebra vector spaces, applications
to line and plane geometry, linear equations and matrices, similar matrices, linear transformations,
eigenvalues, determinants and quadratic forms. Credit will be given for only one course, MATH 240
or MATH 400 or MATH 461

	OF MATE 400 OF MATE 401
MATH 241	Calculus III 4 credits: Grading Method: REG P-F AUD
	Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement.
0101 M	eets JUN 1 to JUL 24

MTuWThF 9:30am-10:50am Bldg. MTH, Room 0301 Staff 0102 Meets JUN 1 to JUL 24 MTuWThF 11:00am-12.20pm uWThF 11:00am-12:20pm Bldg, MTH, Room 0103 Staff
Prerequisite: MATH 141 and any one of the following MATH 240, or ENES 110, or PHYS 191

Introduction to multivariable calculus, including vectors and vector-valued functions, partial derivatives and applications of partial derivatives (such as singeging thanes and LaGrange multiplers), multiple integrals, volume, surface area, and the classical theorems of Geren, Stokes and Gauss MATH 246 Differential Equations For Scientists and Engineers

3 credits: Grading Method: REG.P-F AUD				
	Meets USP Distributive Studies (B)Na	tural Sciences and Mathemat	ics requirement	
0101	MTuWThF 8:00am-9.20am	Bldg MTH, Room 0106	Staff	
0102	MTuWThF 9:30am-10 50am	Bldg, MTH, Room 0303	Staff	
0201	MTuWThF 8:00am-9:20am	Bldg, MTH, Room 0307	Staff	
0202	MTuWThF 9:30am-10.50am	Bldg MTH, Room 0407	Staff	
	D. Ch. MANTH 141 a consistent		and a second and a second	

Prerequisite. MATH 141 or equivalent. 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

1 Applications of Linear Algabra 3 credits. Grading Method REGP-F AUD
MTUWTh 11 D0am-12-20pm Bidg, MTH, Hoom 0409
Prerqueste MATH 400, or MATH 240, or consent of instrictor. Various applications of linear
algebra, theory of finite games, linear programming, matrix methods as applied to finite Markiv
chams, random walk, incidence matrices, graphs and directed garples, network, transportations.

MATH 402

Processors Appelled Structures 3 credits: Grading Method REG.P-F.AUD
MTJWThF 8:00am-9:20am
Bldg MTH, Room 041
Freequisite. MATH 240 or cquivalent For students having limited experience with rigorous
mathematical proofs, and parallels MATH 403
Students planning graduate work in mathematics
should take MATH 403. Groups, rings, integral domains and felish, detailed study of several
groups; properties of integers and polynomials. Emphasis in on the origin of the mathematical rideas
studied and the logical structure of the subject. (Not open to mathematics graduate students. Credit
will be given for only one of the courses, MATH 403.)

will be given for only one of the courses, MATH 403 F.

MATH 406 Introduction to Number Theory 2 readits (Tagding Method, REG.P-F AUD Meets USP Advanced Studies Development of Knowledge requirement 0101 MTuWTh 9 300n-10.50nm Bidg MTH, Room 041 Staff 0201 MTuWTh 9 300n-10.50nm Bidg MTH, Room 0303 Green, Prequisiter MATH 141, or MATH 221 or consert of instructor Rational integers, divisibility prince numbers, modules and linear forms, unique factorization theorem. Euler's function, Mobious function, cyclotomic polynomial, congruences and quadratic residues, terroductory explanation of the method of algebraic symbol, reciprocity law of quadratic residues, introductory explanation of the method of algebraic

MATH 410 Advanced Calculus I 3 credits, Grading Method: REG P-F.AUD leets 8 weeks 4 days per week

number theory

0101	Meets JUN 1 to JUL 24	
	MTuThF 9 30am-10:50am	Bidg, MTH, Room 0405

Prerequence, MATH 240 and MATH 241 First sensiter 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 Rieman integral, sequences of functions, and power series. Functions of several variables including partial derivatives, multiple integrals, line and surface integrals. The implicit function theorem

ATH 444 Elementery Logic and Algorithms 3 credits, Grading Method, REG P-F AUD 0102 MTuVTh6 11:00am-12:20pm Bidg, MTH, Room 0106 Salf 1013 MTuVTh6 9:30am-10 50am Bidg, MTH, Room 0104 Casce 0201 MTuVTh6 9:30am-10:50am Bidg, MTH, Room B0421 Salf Prerequisite MATH 240 or consent of instructor An elementary development of pro-MATH 444 Staff Caicedo, X

ent 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. (Also Isted as CMSC 450)

MATH 461 Linear Algebra For Scientists and Engineera 3 credits. Grading Method. REG P-F AUD Credit will be given for only one of MATH 240, MATH 400 or MATH 461.

1010 MTUWThF 11 00am-12 20pm Bldg MTH, Room 0307 Staff Bldg MTH, Room 0307 Staff Bldg MTH, Room 0307 Staff Prerquisites. MATH 141 and one MATH 51AT curve for which MATH 141 and prerquisite Basic concepts of Inicar algebra. This course is similar to MATH 240, but with more extensive coverage of the topics needed in applied linear algebra thange of basis, complex eigenvalues, diagonalization, the Jordan canonical form. Credit will be given for only one of MATH 240, MATH 440, MATH 240, MATH 2

Bldg. MTH, Room 0407

Staif

MATH 462 Partial Differential Equations For Scientista and Engineers 3 credits; Grading Method REG/P-F AUD 0101 MTuWThF 11:00am-12:20pm Bldg, MTH, Room 040

0201	MTuWThF 8.00am-9.20am	Bldg. MTH, Floom 0409	
	Prerequisites, MATH 241 a	and MATH 246. Linear spaces ar	id operators, orthogonality,
	Sturm-Liouville problems and	eigenfunction expansions for ordi	nary differential equations.
	introduction to partial different	tial equations, including the heat eq	quation wave equation and
	Laplace's equation, boundary v	alue problems, initial value problems	, and initial-boundary value
	problems. (Credit will be given t	for only one of the courses MATH 46?	or MATH 415 1

MATH 463 Complex Veriables For Scientists and Engineers 3 credits; Grading Method REG P-FAUD 0101 MTuWThF 9:30am-10:50am Bldg MTH, Bod Bldg MTH, Room 0103

0201	MTuWThF 11 00am-12 20pm	Bldg MTH, Room 0304	Staff
0202	MTuWThF 9 30am-10 50am	Bldg MTH, Room 0303	Staff
	Prerequisite: MATH 241 or equivale	nt. The algebra of complex	numbers, analytic func-
	mapping properties of the elementary for	inctions. Cauchy integral for	mula Theory of residue:
	application to evaluation of integrals. Co.	nformal mapping	

MATH 799 Master's Thesis Research 1-6 credits, Grading Method, REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged

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

MEES

MARINE-ESTUARINE-ENVIRONMENTAL SCIENCES (LIFE SCIENCES)

MEES 69		trine-Eatuarine-Environmental Sciences		
	t-3 credits	Grading Method: REG/AUD		
0101	Time Arranged	Room Arranged	Staff	
0201	Time Arranged	Room Arranged	Staff	
MEES 79	MEES 799 Mastera Theala Research 1-6 credits; Grading Method; REG			
0101	Time Arranged	Room Arranged	Steff	
0201	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	Steff	

METO

METEOROLOGY	(COMP, MAT	H, AND PHYS SCI)		
METO 499 Special Problems In Atmosphe	eric Science 1-3 credits; Gradini	Method: REG/P-F/AUD		
0101 Time Arranged	Room Arranged	Staff		
0201 Time Arranged	Room Arranged	Staff		
METO 658D Special Topics in Meteorology 1-3 credits, Grading Method: REG AUD				
0101 Time Arranged	Room Arranged	Huffman, G		

Huffman, G 0201 Time Arranged Boom Arranged METO 799 Master's Thesia Research 1-6 credits; Grading Method: REG 0101 Time Arranged Room Arranged Time Arranged 0201 Room Arranged

METO 899 Doctoral Dissertetion Research 1-8 credits; Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Room Arranged

MICB

MICROBIOLOGY (LIFE SCIENCES)

MICR9100

Basel Microbiology 4 credits: Gracting Method: REG/P.F.AUD

Meets USP Distributive Studies (B)Natural Sciences and Mathemetics requirement.

10101 MTuVMTP 9 00am + 100 20am Bldg. SKN, Room 1014 Cook, T
MW 10:20am-12:50pm Bldg. SKN, Room 1213 (IAB)

10102 MTuVMTP 9 00am-10:20am Bldg. SKN, Room 1214 Cook, T
MW 10:20am-12:50pm Bldg. SKN, Room 1014 Cook, T
MW 10:20am-12:50pm Bldg. SKN, Room 1016 (IAB)

An introduction to the world of microorganisms that is designed for the general student. A survey of microscopic lite forms and their activities that emphasizes their importance for human welfare. This course is not intended for students majoring in bioloidar or allied health sciences, and it cannot be used to fulfill the 24 credits required for a major in microbiology. Credit not allowed for both MICB 101 and MICB 200 an

100 and MICR 200

MICE 200 0201

Honors Research 2-3 credits, Grading Method REG'P-F/AUD Room Arranged Room Arranged MICB 388 Special rup 0101 Time Arranged Special Topics in Microbiology 1-4 credits; Grading Method REG/P-F/AUD Room Arranged Time Arranged Room Arranged MICB 399

Microbiological Problems 3 credits, Grading Method, REG/P-F/AUD ime Arranged ime Arranged Room Arranged Room Arranged Time Arranged Time Arranged 0201 MICB 688 Special Topics 1-4 credits, Grading Method REG/AUD
101 Time Arranged Room Arranged
0201 Time Arranged Room Arranged

MICB 799 Mester's The 0101 Time Arranged 0201 Time Arranged Master's Thesis Research 1-6 credits. Grading Method REG Time Arranged Room Arranged Room Arranged

MICB 899 Doctoral Dissertation Research 1-8 credits: Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Staff

MUED

MUSIC EDUCATION (EDUCATION)

MUED 499A Workshops, Clinics, institutes: Using Microcomputers in Music Settings
0101 Meets JUN 22 to Jul 10 MTuWThF 1:00pm-4:00pm Bldg. TWS, Room 3132 Saunders, C

MUED 4998 Workshops, Clinics, Institutes: Performing in the General Music Class
3 credits, Grading Method: REG/AUD
101 Meels JUN 22 to JUL 10
MTUVTNF 900am-12 00pm Bildg. TWS, Room 3238 Be Baker, D

MUED 499C Workshops, Clinics, Institutes: Fine Arta Requirement: Competition Through
Performance 3 credits: Grading Method: REG AUD
0101 Meets JUN 22 to JUL 10
MTuVTIF 1 00pn 4 00pm Bildg, TWS, Room 3238 Foistrom. Folstrom, R

MUEVI 1-1 Uppm-4 Uppm - Uppm-4 Uppm - William
MUED 598A Current Trends in Music Education: Using Microcomputers in Music Settings
3 credits: Grading Method: REG/AUD

1010 Meets JUN 22 to JUL 10 MTuWThF 1:00pm-4 00pm Bldg TWS Room 3132 Saunders, C

MUED cont.

MUED 698B Current Trends in Music Education: Performing in the General Music Class
3 creatis, Grading Melhod REG AUD

1010 Meets JUN 22 to JUL 10

MTUVTNF 9 Ooarn-12 00pm Bldg TWS Room 3238 Baker, I.

1010 Meets JUN 2015 Music Education: Fina Arts Requirement: Competition Trends Arts Requiremen

edures 3 credits; Grading Method REG AUD 201 Meets JUL 13 to JUL 27 MTuWThF 8:30am-12:30pm Gallagher C

Bldg TWS, Room 1123

MUSP cont.
MUSP817A Interpretation, Performance, and Pedagogy

4 credits

NUSC

NUTRITIONAL SCIENCE

(AGRICULTURE)

0 Intermediary Metaboliam in Nutrition *3 credits, Grading Method[,] REG.AUD* MTuWTRF 9 30am-10 50am Blog MMH, Room 0108 Ahrens, R Prerequisits NUSC 402 or NUTR 300. CHEM 461 or 462. The major routes of carbohydrate, far

and protein metabolism with particular emphasis on metabolic shifts and their detection and agnificance in nutrition

NUSC 699 Problems in Nutrition 1-4 credits, Grading Method: REG/AUD

Contact department for in	nstructions	
0101 Time Arranged	Room Arranged	Staff
0201 Time Arranged	Room Arranged	Staff
NUSC 799 Master's Thasis Raseard	th 1-6 credits, Grading Method: REG	
0101 Time Arranged	Room Arranged	Staff
0201 Time Arranged	Room Arranged	Staff
NUSC 899 Doctoral Dispartation Re	search 1-8 credits, Grading Mathod: REG	
0101 Time Arranged	Room Arranged	Staff
0201 Time Arranged	Room Arranged	Staff

MUSC

MUSC 100A Beginning Class Voice 2 credits, Grading Method REG AUD
Open to non-music majors

0101 MTWTh 9 30am - 10 50am Bldg TWS, Room 3228
Bldg TWS, Room 3228
Fleming, L

Upen to non-music majors

10101 MTuWTh 9 30am-10 50am Bldg TWS, Room 3228 Flaming, L
10201 MTuWTh 9 30am-10 50am Bldg TWS, Room 3228 Flaming, L
10201 MTuWTh 9 30am-10 50am Bldg TWS, Room 3228 Flaming, L
10201 MTuWTh 9 11 10 50am-12 20pm

1010 MTuWTh 9 11 10 50am-12 20pm

10201 MTuWTh 9 12 50am-12 20pm

10201 M

Torm, and inside auto skills. Billing Teach and the Classroom Teacher 3 credits, Grading Method REG.P-F.AUD Billing TWS Boom 212 Saunders, C. TiuWTh 9.00am-10.20am. Billing TWS Boom 212 Saunders, C. Open to students mainring in elementary education or childhood education, other students taken MUSC 19.0 MUSC 19.0 and 15 may not both be counted for each The fundamentals of music MUSC 19.0 and the child of the fundamentals of music most continuous control of the children of th MTuWThF 9.00am-10 20am

accord with the six-area concept of musical learning MUSC 329Z Ensemble: University Chorus 1 credit, Grading Method. REG AUD.

Permission of department required. Students who wish to register for Summer Session III

only must also participate in Summer Session I
Tu 7 00pm—10 00pm Bldg TWS, Room 2102
Tu 7:00pm—10.00pm Bldg TWS, Room 2102 Traver, F 0201 MUSC 446C Special Topics in Music: Flute Masterclass 1997 2 credits, Grading Method REG AUD 0101 Meets JUN 29 to JUL 11 MTW/ThF 9 008—11 000pm Bidg TWS. Room 1125 Montgomery. W

Bidg TWS, Room 1125 Bidg TWS, Room 1125 Sa 9 00am-6 00pm

MUSC 499 Independent Studies 2-3 credits, Grading Method REG P-F AUD
Permission of department required
0101 Time Arranged
0201 Time Arranged
Room Arranged
Room Arranged
Room Arranged

0201 Time Arranged Room Arranged
MUSC 608 Chember Music Repertoire 1-3 credits, Grading Method REG AUD Staff

Permission of department required Tu 7:00pm-10:00pm Tu 7:00pin-10:00pm Bidg TWS, Room 2102 Bidg TWS, Room 2102 Traver, F

Staf Staff

MUSC 899 Doctoral Dissertation Research 1-8 credits; Grading Method REG 0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged

MUSP MUSIC PERFORMANCE

(ARTS AND HUMANITIES)

Individual performance instruction courses in piano are available during the Summer Session They are open to qualified major students by permission of the Music Department Chairman Instructor section numbers and registration permission forms may be obtained in the Department of Music Office

Principal Series

ntended for students majoring in music programs other than performance and compostion Each coursa in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 1994. Transfer students are evaluated for higher placement after one semester of study.

MUSP109A, 110A, 297A, 2084, 305A, 306A, 409A, 410A.

2 credits

Music Parformance; Principal Series Grading method REG. Time and room to be arranged

arranged
MUSP609A Interpretation and Repetoire
Grading method REG Time and room to be arranged
MUSP610A Graduate Music Parformance 2 credits 4 credits Grading method REG. Time and room to be arranged

Major Series

Intended for students majoring in music performance. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer is

MUSP119A, 120A, 217A, 218A, 315A, 316A, 419A
Music Parformance; Major Series Grading method REG
Musel Parformance; Major Series Grading method REG
Grading method REG
Grading method REG
Musp819A Interpretation and Repertoirs
Grading method REG
Musp820A Gradiuste Musle Parformance
Musp820A Gradiuste Musle Parformance
Musp820A Grading method REG
Grading method REG
Musp820A Grading method REG
Musp820A Grading method REG
Musp819A Interpretation and Repertoirs
Grading method REG
Musp819A Interpretation, Parformance, and Pedagody
Musp816A Interpretation, Performance, and Pedagody
Musp816A Interpretation, Performance, and Pedagody
Grading method REG
Time and room to be arranged
Musp816A Interpretation, Performance, and Pedagody
Grading method REG
Time and room to be arranged
Musp816A Interpretation, Performance, and Pedagody
Grading method REG
Time and room to be arranged

NUTRITION

(HUMAN ECOLOGY)

NUTR 100 Elemente of Nutrition 3 credits, Grading Method. REG/P-F-AUD
Meets USP Distributive Studies (BiNetural Sciences and Mathematics requirement.
Blog MMIN, Room 1400 Staff
Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs. Credit will be given for only one course. NUTR 100 or NUTR 200.

NUTR 200

NUTR

Nutrition For Health Services 2 credits, Grading Method REG/P-FAUD
TUTh 800am-10.00am
Bldg WDS, Room 1130 Morgan, P
TUTh 10.00am-12.00pm
Pre- or corequiste CHEM 104, ZOOL 201 or 202. Nutrition related to maintenance of normal health
and prevention of descare, nutritional requirements for individuals in different stages of development,
current concerns in nutrition for the professional in health services. Credit will be given for only one

course. NUTR 100 or 200

NUTR 460

Therapeutic Humen Nutrition 3 credits, Grading Method. REG/P-F/AUD
Not open for graduate credit, Prerequisites, NUTR 300 and 450.

Staff Blog MMH, Room 1206
TuTh 9:00am-11 00am
Percquisites, NUTR 300, 450 Modifications of the normal adequate diet to meet human nutritional

needs in pathological conditions

NUTR 670 Interest in particular embession particular distributions of credits; Grading Mathod: REG/AUD Prerequiste CHEM 461, 462 or equivalent Bidg MMH, Room 0108 Ahrens, R Prerequiste CHEM 461, 462 or equivalent The major routes of carbohydrate, fait, and protein metabolism with particular embassion on metabolis whits and their detection and significance in nutrition

NUTR 678A Special Topics in Nutrition: Independent Study 1-6 credits, Grading Mathod: REG/AUD

0101 Time Arranged	Room Arranged	Staff
NUTR 799 Master's Thesis Research 1-6 c	redits; Grading Mathod: REG	
0101 Time Arranged	Room Arranged	Staff
0201 Time Arranged	Room Arranged	Staff
NUTR 899 Doctoral Dissertation Research		
0101 Time Arranged	Room Arranged	Staff
0201 Time Arranged	Room Arranged	Staff

PCOM

PUBLIC COMMUNICATION

(ARTS AND HUMANITIES)

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

PHED

PHYSICAL EDUCATION (PHYS ED, RECR, AND HEALTH) PHED 137N Physical Education Activities: Coed: Golf (Beginning) 1 credit; Grading Method: REG/P-F 0101 MTuVTh 9 30am-10 50am 80d; PRH, Room 1101 Statt 2010 MTuVTh 11 00am-12 20pm Blog, PRH, Room 1101 Tyler, R

PHED 146N Physical Education Activitias: Coed. Recquet Ball 1 redit. Grading Mathod: REGP-F 0101 MTuWTh 100cm-2 20pm Bidg. PRH. Room 0222 Staff 0201 MTuWTh 930am-10.50am Bidg. PRH. Room 0222 Staff PHED 154N Physical Education Activitias: Coed: Beginning Swimming 1 credit, Grading Method: REGIP-F Bldg. PKT, Room 1112 Bldg. PKT, Room 1112 0101 MTuWTh 1 00pm-2 20pm 0201 MTuWTh 1 00pm-2 20pm Staff ucation Activities: Coed: Tennis (Beginning) 1 credit, Grading Method: REG/P-F PHED 155N Physical Education Activitias: Coed:

Bidg. PRH, Room 2240 Bidg. PRH, Room 2240 Bidg. PRH, Room 2240 Bidg. PRH, Room 2240 Bidg. PRH, Room 2240 Bidg. PRH, Room 2240 MTuWTh 8 00am-9 20am MTuWTh 9 30am-10 50am MTuWTh 11 00am-12 20pm 0103 Staf 0201 MTuWTh 8 00am-9 20am MTuWTh 11 00am-12 20pm 0202

Bidg. PRH, Room 2101 Bidg. PRH, Room 2101 Bidg. PRH, Room 2101

Vander Velden, L Vander Velden, L Vander Valden, L PRH MTuWTh 8:00am-9 20am MTuWTh 11 00am-12 20pm Room PRH. Room 2101

56	COURSE SECTIONS: 0	1xx, SESSION I	ONLY;	02xx, SESSION II ON	LY.	
PHED co	nt.		PH	IIL cont.		
PHED 1S7N Physical Education	Activities: Coed: Weight Training (Beginni Grading Method: REG/P-F	ng)	PHIL 328	B Studies in the History of Philosoph 3 credits; Grading Meth Meets USP Advanced Studies Devel	ny: Marxist Philosophy od: REG/P-F/AUD	
0101 MIUWIN 9:30am-10:50	am Bidg. PRH, Hoom U1U1	Stan		Meets USP Advanced Studies Devel	lopment of Knowledge requirer	nent.
0201 MTuWTh 8.00am-9:20ar	n Bldg, PRH, Room 0101	Staff	0101			
PHED 157Q Physical Education .	Activities: Coed: Weight Training (Interme Grading Method: REG/P-F	diate)	PHIL 331	Meets USP Advanced Studies Devel	lapment of Knowledge requirer	ment.
0101 MTpWTh 9.30am-10:50	am Bida, PRH, Room 0101	Staff	0201	MTuWThF 11:00am-12.20pm	Bldg SKN, Hoom 1106	Cros
0201 MTuWTh 8:00am-9:20a	m Bldg. PRH, Room 0101	Staff		Concepts central to thought about art, development and in its present problema	including the concept of the fi	ne arts bo
PHED 289 Topical Investigation Permission of depart	ns 1-3 credits; Grading Method REG ment required.		PHIL 447	Philosophy of Law 3 credits; Gradin Meets USP Advanced Studies Deve	g Method: REG/P-F/AUD	
0101 Time Arranged	Hoom Arrangeo	Staff	2101	Meets USP Advanced Studies Devel MTuWThF 9.30am-10.50am	lopment of Knowledge requirer Bldg. SKN, Room 1106	ment.
PHED 300 Kinesiology 4 credits	Room Arranged	Staff	0201	MTuWThF 9:30am-10:50am	Bidg. SKN, Room 1113	Jecl
0101 MTuWThF 11:00am-1:0	Dram Bldg, PRH, Room 2132	Kelley, D		Prerequisite: one course in philosophy	Examination of fundamental co	oncepts rel
Prerequisites ZOOL	01, 202. The study of human movement and t	he physical and physiological	PHIL 498	Legal system, law and morality, justice, Topical investigations 1-3 credits,	legal reasoning, responsibility Grading Mathod: REG/P-F/ATH	n
principles upon which performance of a tyru	it depends. Body mechanics, posture, in cal individual and the influence of growth a	notor efficiency, sports, the	17116 450	Register for this course only if you	u have already chosen a too	ic and he
nerformance				agreement of some faculty member on that topic	of the philosophy department	to work t
PHED 350 The Psychology of S	ports 3 credits; Grading Method: REG/P-F- ve Studies (D) Social and Behavioral Science	AUD	0101	Time Arranged	Room Arranged	Staf
0101 TuTh 4:00pm-7:00pm	Bldg. PRH, Room 1301	Steel, D			Room Arranged	Staf
0201 TuTh 4:00pm-7:00pm	Bidg. PRH, Room 1301	Hatfield, B	PHIL 688 0101	Selected Problems in Philosophy : Time Arranged	1-3 credits; Grading Method: F Room Arranged	REG/AUD Staf
An exploration of the	personality factors, including, but not limited sports participation and motor skill performance	to motivation, agression and	0201	Time Arranged	Room Arranged	Staf
PHED 360 Physiology of Exerc	lse 3 credits; Grading Method: REG P-F/AU	D	PHIL 799		fits; Grading Method: REG	
Méets USP Distributi	lee 3 credits; Grading Method: REG P-F/AU ve Studies (B)Natural Sciences and Mathem	atics requirement.	0101	Contact department to make arrange Time Arranged	Room Arranged	Staf
0101 MTuWThF 9:30am-10:5	Dam Bldg. PRH, Room 2132 101, 201 and 202 and consent of instructor	Vaccaro, P A study of the physiology of	0201	Time Arranged	Room Arranged	Stef
exercise, including co	ncepts of work, muscular contraction, energy	transformation, metabolism,	PHIL 899	 Doctorel Dissertation Research 1— Contact department to make arrange 	8 credits; Grading Method: RE	G
oxygen debt, and nutr	ition and athletic performance. Emphasis on a hysical activity and training.	cardiovascular and respiratory	0101	Time Arranged	Room Arranged	Staf
PHED 361 Weight Control Thro	unh Diet and Evercise 3 credits: Grading &	fethod REG P-F-AUD	0201	Time Arranged	Room Arranged	Staf
0201 MTuWThF 11.00am-12:	20pm Bldg. PRH, Room 1303	Staff				
Lecture and laboratory in diet and exercise pro	The basic principles of weight control are give	en and the students participate				
PHED 370 Motor Development	3 credits: Grading Method REG/P-F/AUD			PF	1YS	
0101 MW 4:00pm-7:00pm	Bldg. PRH, Room 0307 ross the life span. The developmental sequences	Clark, J	PHYS	100	COMP MATH	AND
old age: neuromaturatio	on of neuromuscular system; analysis of the uni-	derlying mechanisms of motor	PHYS 12		Gradies Method: REG.P.E.	, AND
skill development, and	correlates of motor development.		FN13 12	Meets USP Distributive Studies (B)N	latural Sciences and Mathema	tics requir
PHED 385 Motor Learning and	Skilled Performance 3 credits; Grading Me ve Studies (D) Social and Behavioral Science	es requirement	0101	course meets entire Summer Session	n I plus the first two weeks of S	Summer S
0201 MW 4:00pm-7:00pm	Bidg. PHH, Hoom 1301	Tyler, H	0101	Meets JUN 1 to JUL 23 MTuWTh 9 30am-10.50am	Bldg. PHY, Room 1410	Res
A study of the research	n dealing with motor learning and motor perform specificity, proprioceptive control of movement	nance Scientific methodology.		MW 2:00pm-4:00pm	Bidg. PHY, Room 1410 Bidg. PHY, Room 3306 (LA Bidg. PHY, Room 4220 (Di	4 <i>B</i>)
and retention.	specificity, proprioceptive conductor of movement	, monvacion, minng, transfer,	0102	MW 2:00pm—4:00pm MW 1:00pm—1:50pm Meets JUN 1 to JUL 23		
PHED 389 Topical Investigation	ns 1-3 credits; Grading Method: REG		0.02	MTuWTh 9:30am-10.50am	Bldg. PHY, Room 1410 Bldg. PHY, Room 3306 (L/ Bldg. PHY, Room 4220 (Di	Res
Permission of depart 0101 Time Arranged	ment required. Room Arranged	Staff		TuTh 2:00pm-4:00pm TuTh 1:00pm-1:50pm	Bldg. PHY, Room 3306 (LA	AB)
0201 Time Arranged	Room Arranged	Staff		Prerequisite, previous course work in tr	ngonometry or MATH 110 or M.	ATH 115.
PHED 406 Perceptual-Motor De 3 credits	velopment in the Young Child			two-semester course in general physics	s treating the fields of mechani	ics. heat.
3 credits 0101 MW 4:00pm-7:00pm	; Grading Method. REG/P-F/AUD Bldg. PRH, Room 0305	Church, K		magnetism, optics, and modern physi minimum requirement of medical and do	ental schools	this gene
Analysis of percenti	ial-motor components, their progression, into	rrelationships, developmental	PHYS 12	2 Fundamentals of Physics II 4 credit Meets USP Distributive Studies (B	ts; Grading Method: REG/P-F/	AUD
activities and evaluation	n. Study of the growth and other factors th	at influence perceptual-motor		Meets USP Distributive Studies (E course meets entire Summer Session	Natural Sciences and Mathe	matics re
PHED 496 Quantitative Method	a 3 credits, Grading Method: REG/P-F/AUD		0101	Meets JUN 1 to JUL 23 MTuWTh 9:30am-10:50am		
0201 MW 4:00pm-7:00pm	Bldg. PRH, Room 0303	Staff		MTuWTh 9:30am-10:50am MW 2:00pm-4:00pm	Bldg. PHY, Room 0405 Bldg. PHY, Room 3316 (L/	Rap
Statistical techniques	most frequently used in research pertaining to udent with the necessary skills, and to acquair	physical education Effort is		MW 1:00pm-4:00pm MW 1:00pm-1:50pm	Bldg. PHY, Room 0405 (Di	IS)
and applications of thes	e techniques	n ann with the interpretations	0102	MW 1:00pm-1:50pm Meets JUN 1 to JUL 23		
PHED 497 Independent Studies	Seminar 3 credits, Grading Method REG Bldg. PRH, Room 0307			MTuWTh 9:30am-10:50am TuTh 2:00pm-4:00pm	Bidg. PHY, Room 0405 Bidg. PHY, Room 3316 (LA Bidg. PHY, Room 0405 (Di	Rap
0101 TuTh 4:00pm-7:00pm	Bldg. PRH, Room 0307 apprary issues vital to the discipline, critiques	Phillips, S		TuTh 1:00pm-1.50pm	Bldg. PHY, Room 0405 /Di	is)
area/areas of special r	nerest, completion of a major project where	the student will be asked to		Prerequisite PHYS 121 or equivaler	 A continuation of PHYS 12 	21 Which
demonstrate the ability	to carry out investigative processes in problem	n solving and critical writing	PHYS 16	generally satisfies the minimum requirer General Physics: Mechanics and P	nem of medical and dental school	13.
under faculty direction PHED 689 Special Problems in	Physical Education 1-3 credits; Grading M	lethod: REG		3 credits. Gradino Meth	od. REG.P-F/AUD	
Permission of depert	ment required.		0101	Meets USP Distributive Studies (B)N MTuWThF 9.30am10:50am	latural Sciences and Mathema Bldg. PHY, Room 1412	tics requir Five
0101 Time Arranged	Room Arranged	Staff Staff		MW 11:00am12:00pm	Bido PHY Room 0405 /D/	(S)
0201 Time Arranged PHED 799 Master's Thesis Res	Room Arranged earch 1-6 credits; Grading Method: REG	Stair	0102	MTi:WThF 9:30am-10 50am	Bldg PHY, Room 1412	Five
Permission of depart	ment required.		0103	TuTh 11 00am-12:00pm MTuWThF 9:30am-10 50am	Bldg. PHY, Room 0405 (Di Bldg. PHY, Room 1412 Bldg. PHY, Room 4220 (Di Bldg. PHY, Room 1412	(S)
0101 Time Arranged	Room Arranged	Staff		MW 11:00am~12:00mm	Bldg. PHY, Room 4220 (Di	(S)
PHED 899 Doctoral Dissertation Permission of depart	n Research 1-8 credits; Grading Method R ment required	EG	0104	MTuWThF 9 30am-10.50am TuTh 11.00am-12.00pm	Bidg. PHY, Room 1412 Bidg. PHY, Room 4220 (Di	Five
0101 Time Arranged	Room Arranged	Staff		First semester of a three-semester calcu	ilus-based general physics course	Pre- or c
-		 		141. Laws of motion, force, and ene	rgy; principles of mechanics, c	ollisions.
			PHYS 26	rotation, and gravitation 2 General Physics: Vibrations, Weve	s, Heat, Electricity and Magn	netism
	PHIL			4 credits, Grading Meth	od. REG P-F AUD	
				Meets USP Distributive Studies (B)	matural Sciences and Mathen	natics req

	: • • •
PHILOSOPHY	(ARTS AND HUMANITIES)
PHII 100 Introduction to Philasophy 3 credi	

	Meets USP Distributive Studies	(A) Cultural and Historical requirem	ent
0101	MW 3:30pm-6:30pm	Bldg SKN, Room 1113	Martin, R
0201	MTuWThF 11:00am-12:20pm	Bldg. SKN, Room 0124	Stairs, A
	An introduction to the literature.	, problems, and methods of philosophy	y either through a study o
	some of the main figures in philos	ophic thought or through an examination	n of some of the central and
	recurring problems of philosophy		
PHIL 140	Contemporary Moral lasues 3	credits; Grading Method: REG/P-F/A	NUD .

 Meets USP Distribute Studies (D) Social and Behevioral Sciences requirement.
 Merets USP Distribute Studies (D) Social and Behevioral Sciences requirement.
 The uses of philosophical analysis in thinking clearly about such widely debated moral issues a abonion, cuthonasia, homoscuality, pomography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justices. **PHIL 170**

Introduction to Logic 3 readits: Crasting Method: REG P-F AUD
MTW/ThF 11 00am-12 20pm Blug KEY, Room 0103
A general meruduction to the discipline or logic. Traditional and modern deductive techniques. informal fallacies

PHIL 2958 Philosophical Issues: Socrates and the Quest for Meaning
3 credits; Grading Method. REG.P-F.AU.D
Bldg SRN, Boom 1106 Nola, R
PHIL 250
Philosophy of Science 13 credits; Grading Method: REG.P-F.AU.D
Bldg SRN, Boom 1106 Nola, R
Philosophy of Science 13 credits; Grading Method: REG.P-F.AU.D
MI WThF 11 00am-112 20pm Bldg SRN, Boom 1106 Cordero, A
an introduction to the main issues in the philosophy of science and how philosophy of science and philosophy has entered to a philosophy of science and philosophy has entered segmentally to the philosophy and philosophy has extended segmentally to the philosophy and the philosophy and philosophy has extended segmentally to the philosophy and philosophy has entered segmentally the specific philosophy and philosophy has entered segmentally the philosophy and philosophy anew philosophy and philosophy and philosophy and philosophy and ph

nukian, E osthwrite, J oth in its historical nnson, C ckson K clated to law, e.g. have obtained the together with you

HYS	ics	(COMP, MATH, A	ND PHYS SCI)
HYS 12	 Fundamentals of Physics I 4 cr. Meets USP Distributive Studies (edits; Grading Method: REG/P-F/AUD B)Natural Sciences and Mathematics r sion I plus the first two weeks of Sumn	equirement. This
0101		sium i pius me misi ma meeks oi sumi	ner obsaron ii.
	MTuWTh 9 30am-10.50am	Bidg. 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 23	-	
	MTuWTh 9:30am-10:50am	Bldg. PHY, Room 1410	Restorff, K
	TuTh 2:00pm-4:00pm	Bldg. PHY, Room 3306 (LAB)	
	TuTh 1:00pm1:50pm	Bldg PHY, Room 4220 (DIS)	
	Prerequisite, previous course work	in trigonometry or MATH 110 or MATH	115. The first part of a
	two-semester course in general ph	ysics treating the fields of mechanics, I	eat, sound, electricity.
		hysics Together with PHYS 122, this	generally satisfies the
	minimum requirement of medical an		
HYS 12	2 Fundamentals of Physics II 4 c.	redits; Grading Method: REG/P-F/AUD	
	Meets USP Distributive Studies	(B)Natural Sciences and Mathemati	cs requirement. This
		sion I plus the first 2 weeks of Summe	r Session II.
0101	Meets JUN 1 to JUL 23		
	MTuWTh 9:30am10:50am	Bldg. PHY, Room 0405	Rapport, M
	MW 2:00pm-4:00pm	Bldg. PHY, Room 3316 (LAB)	
	MW 1:00pm-1:50pm	Bldg. PHY, Room 0405 (DIS)	
0102		DIA- DIA D 0405	December 14
	MTuWTh 9:30am-10:50am	Bidg. PHY, Room 0405	Rapport, M

h together with it. irement

nel D rel. D

corequisite. MATH linear momentum

equirement. PHYS 262A must be taken concurrently
0201 MTuWThF 9:30am-10 50am Bidg. PHY, Room 1412 Bidg. PHY, Room 4220 (DIS) Bidg. PHY, Room 1412 Bidg. PHY, Room 1412 Bidg. PHY, Room 1412 Bidg. PHY, Room 1219 (DIS) Bidg. PHY, Room 1219 (DIS) Kacser, C 0201 MTuWThF 9:30am-10 50am MW 11:00am-12 00pm 0202 MTuWThF 9:30am-10 50am TuTh 11:00am-12:00pm 0203 MTuWThF 9:30am-10 50am MW 11:00am-12:00pm Kacser, C

DOGS, PTT, MOOR 1219 (URS)

Second sensester of a three-senseter calculus-based general physics course. Perrequisite, PHYS 161

Vibrations, waves, fluids, heat, kinetic theory, and thermodynamics; electrostatics, circuits, and
magnetism, PHYS 262A if the lab for this course, and must be registered for at the same time. PHYS 262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)
No credit, Grading Method NGI

way 100pm-3-00pm Bldg PHY, Room 3312 (IAB) Sta 2022 TuTh 100pm-3-00pm Bldg PHY, Room 3312 (IAB) Sta 2023 TuTh 100pm-3-00pm Bldg PHY, Room 3312 (IAB) Sta PHYS 299 Septial Stopmen in Physics 1–6 credits, Grading Method: REG P-F AUD 1011 Time Arranged PHYS 262 must be taken concurrently.

1011 Telefinisori of department required Son Arranged Size PHYS 399 Special Problems in Physics 1–3 credits, Grading Method: REGP-FAUD Permission of department required 1011 Time Arranged Size 1001 Time Arranged Size 1001

Permession of department required

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Provided Time Arranged
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Provided Staff
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Provided Staff
Marranged

Staff

PHYS cont. PHYS 429 Alomic and Nuclear Physics Laboratory 3 credits: Grading Method: REG P-F AUD Permassion of department required. This course meets entire Summer Session I plus the first two weeks of Summer Session II. 1010 Meets JUN 1 to JUL 21 Museum 2 Museum Special Problems In Physics 1–16 credits; Grading Method: REG.P.F.AUD Permission of department required **PHYS 499** Time Arranged 0201 Time Arranged Room Arranged Stat Graduete Laboratory 3 credits, Grading Method, REGAUD Permission of department required. The course meets entire Summer Session I plus the **PHYS 621** Permission of department required first four weeks of Summer Session II Meets JUN 1 to AUG 4 Medis JUN 1 to Acus 4 Bidg, PHY, Room 3333 (LAB) Memnews, Design and performance of advanced experiments in modern and classical physics of Special Problems in Advenced Physics - 2 credits; Crading Method REA AUD Special Problems in Advenced Physics - 2 credits; Crading Method REA AUD Commission of department required. Commission of department required. Commission of department required. Commission of department required. Set 1 crading 1 crad Bldg. PHY, Room 3333 (LAB) Maffhews, D **PHYS 798** 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged PHYS 19 Time Arranged Physics: Phd Qualifier Workshop 3 credits, Grading Method REG AUD 0101 NiTuWThF 9:30am-10:50am Bldg PHY, Room 4220 Kım, Y PHYS 799 Master's Thesis Research 1–6 credits: Grading Method: REG 0101 Time Arranged 0201 Time Arranged Hoom Arranged Staff PHYS 899 Doctoral Dissertation Research 1–8 credits; Grading Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged Staff

	P51	
PSYCH	OLOGY	(BEHAVIOR AND SOCIAL SCI)
PSYC 100	Introduction to Psychology 3 credits. Grad.	ing Method. REG/P-F/AUD

010	1 M	TuWThF 9:30am-10.50am	Bidg ZOP, Room 1243	Sternheim, C
020	1 M	TuWThF 9:30am-10 50am	Bldg ZOP, Room 1243	Sharkin, B
		A basic introductory course, int	tended to bring the student into contac	t with the major problems
		confronting psychology and the me	ore important attempts at their solution	
PSYC	200	Statistical Methods in Paycho	logy 3 credits, Grading Method REC	P-F-AUD
010		TuWThF 9 30am-10 50am	Bldg ZOP, Room 1238	Hughes, A
020	1 M	TuWThF 11:00am-12:20pm		Diehl, V
			TH 111 or 140 or 220. A hasic introduct	ion to quantitative methods
		used in psychological research		
PSYC	235		credits. Grading Method. REG P-F-AL	
		Meets USP Distributive Studies	(D) Social and Behavioral Sciences.	requirement

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101 MTUWTh F 1100am 10 Medical Studies (D) Social and De Pour Control Por AUD WITH THE TOTAL OF THE STUDIES OF THE STUDIES (D) Social and De Pour Control Studies (D) Social and Behavoral Sciences requirement (D) MTUWTh F 1100am 1200 Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Behavoral Sciences requirement (D) Medical Studies (D) Social and Sciences and theories of prereption including psychological and social psychological, and environmental factors important in determining how we perceive the world. Historical bockground will be examined as well as commemporary research. No credit for studients who has completed PSYC 410 Medical Sciences (D) Med

PSVC 334 SYC 334 Psychology of Interpersonal Relations 3 credits, Grading Method: REG.P-F:AUD 0201 MTuWThF 9:30am-10 50am Bldg ZOP, Room 1236 Brown, R

95YC 336 Psychology of Women 3 credits, Grading Method FEG F-FAUD

G201 MW 2 00pm-500pm Bldg ZOP. Room 1243 Staff
Prerequisite PSYC 101 A survey of the biological, life-span development, socialization, personality, mental health factors, and special problems of women

Tetrodución to Community Psychology 3 credits, Grading Method REG.P.F.AUD
MTWMF 9 30am-10 30am
Biog 207, Room 1238
Steele, R
Prerequestes, FSVC 100 Survey and critical examination of environmental factors associated with
variations in individual functioning. Effects of sixtal process and secal structure in community life
on individual mental health. herefrecal models in community psychology. Additional topics within PSYC 337 community psychology

Coursey, R

Meets USP Unstroutive Studies (I) Social and behavioral sciences requirement.

1010 1016 2000m-500pm Bldg ZOP, Room 1243 Johnson, J
Prerequisite, PSCY (I/O Survey of research and theory of psychological development from
conception through childhood, stressing physiological, conceptual and behavioral changes and the
social and biological context in which individuals develop. Not open for credit to students who have already completed PSYC 333 or 433

already completed PSYC 333 or 33

PSYC 361 Survey of Industriel and Organizationel Psychology
3 credits, Grading Method REGP-FAUD

1010 TuTh 6 00pm-9 00pm
Big ZOP, Boom 1236
Perrequivite PSYC 100 A general survey of the field of industrial organizational psychology
including such upics as organizational entry frecruitment, selection, tramage, sevalurations,
organizational psychology (mutivation, leadership), pile attuides), and productivity in the work place
(performance appraisal, absenteesin, turnover). The role that the larger environment plays in
millionering work behaviors and work attuides.

PSYC 400 Experimental Psychology: Learning and Motivation
4 credits, Grading Method REG:P-F AUD 0101

0102

Permission of department required MTuWThF 11 00am-12 20pm MTuWThF 30am-10 50am MTuWThF 11.00am-12 20pm MTuWThF 12:30pm-1:50pm Bldg. ZOP, Room 1250 Bldg ZOP, Room 4102 (LAB) Bldg ZOP, Room 1250 Bldg ZOP, Room 4102 (LAB) Gollub I

Prerequivite: PSYC 100, and PSYC 200 or a course in statistics: Primarily for psychology majors. The experimental analysis of behavior with emphasis on conditioning, learning and motivational processes. Esperiments are conducted on the behavior of animals.

processes: Experiments are conducted on the behavior of animals.

DE Experimental Psychology: Social Processes 1 d credits, Grading Method REGP-F-AUD
MTwWThF 9 30sm-10 50sm Bldg ZOP, Room 0147 Sgall, H
TUTh 1230pm-150om Bldg ZOP, Room 0147 (L/B2)
Prerequisite: PSYC 200 and 221. Primarily for psychology majors: A laboratory course which
provides: a basic understanding of experimental method in social psychology and experience in
conducting research on social processes.

31. Abnormal Psychology 3 ceredics; Grading Method REGP-F-AUD
MTwWThF-B 00sm-9-20sm Bldg ZOP, Room 1250 Des, R
Prerequisite: PSYC 100: The nature, diagnosis, ethology, and treatment of mental disorders: A
student may not receive credit for bath PSYC 331 and 431. PSYC 420

PSYC cont.

PSYC 436 Introduction to Clinical Paychology 3 credits, Grading Method. REG/P-F/AUD 0101 MTuVYThF 11:00am-12:20pm Bildg, ZOP, Room 2263 Des, R Brigg, ZOP, Room 2263 Des, R Prequisites, PSYC 100. A survey and critical analysis of clinical psychology, with particular emphasis on current developments and trends. Students will be expected to conduct individual projects with a substantal amount of direct supervision.

| Experimental Psychology: Cognitive Processes 4 credits, Grading Method: REGIP-F/AUD MILWThF 930am-1050am Bldg, ZOP, Room 1234 Plude, D Plude, D Bldg, ZOP, Room 1234 (LAB) MILWThF 930am-1050am Bldg, ZOP, Room 1234 (LAB) Plude, D Tuth 11 00am-1220pm Bldg, ZOP, Room 1234 (LAB) PSYC 440 0202

The Tribustine Included in Control of the Control of the Control of Control o

PSYC 478 Independent Study in Psychology 1-3 credits; Grading Method REG/P-F/AUD 0101 Time Arrenged 0201 Time Arrenged Room Arranged Room Arranged Staff PSYC 479 Speciel Research Problems in Psychology 1-3 credits; Grading Mathod: REGIP-F/AUD 1010 Time Arranged Staff Room Arranged Staff Room Arranged Staff PSYC 499H Honora Theala Research 3 credits; Grading Method: REG/P-F/AUD Stati 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged PSYC 788 Special Research Problems 1-4 cradits; Grading Mathod: REG/AUD 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged Room Arranged PSYC 799 Mester's Thesis Research 1-6 credits, Grading Method: REG Room Arranged Room Arranged Room Arranged Room Arranged Staff PSYC 899 Doctorel Dissertation Research 1-8 credits; Grading Mathod: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged

RECR

(PHYS ED, RECR, AND HEALTH) RECREATION

RECR 130 Recreation and Lateurs 3 credits (Oradiny Methods REC6)F-FAUL

1010 MTWATTN 11 Otam-12 20pm Bidg. PRH. Room 1302 Safet

2021 MTWATTN 11 Otam-12 20pm Bidg. PRH. Room 1302 Safet

2021 MTWATTN 19 Otam-10 50am Bidg. PRH. Room 1302 Safet

The study of recreation and leisure behavior, including concepts, theories and terminology Psychological, social doscological Earlors that affect recreations and fessive behavior.

Psychological, sectar psychological and sociogical activo via a latest retreation and behave sensivor improvements and or thrate sensivor in the psychological sensitive and a latest retreation and behavior in our changing society.

RECR 220 Methods and Meterials in Recreation 3 credits; Grading Mathod: REG/P-FAUD

101 MW 700pm-1000pm

Bidg PHI, Room 0102

Roles, dutes and responsibilities of the recreation activity leader Practical experience in planning, organizing, leading, participating and evaluating a wide variety of recreation activities.

organizing, leading, participating and evaluating a wide variety of recreation activities.

RECR 325 General Fundementales of Recreation 3 credits, Garding Mathods (REG/P-F/AUD)

1017 To 7,00pm-10:00pm Bidg PRH, Room 1303 Staff

This course is designed for and imitted to students not majoring in recreation who wish to develop some undestanding of the place, importance and potentialities of recreation in modern life Included will be Imited study of the areas of philosophy, program planning, leadership techniques, organization and administration, and interrelationships with other fields.

Recreetion end Leisure 3 credits: Grading Method: REG/P-F/AUD JW 4:00pm-7.00pm Bldg. PRH, Room 1302

MW 4 00pm-7.00pm Bldg, PRH, Room 1302 Leedy, C Introduction to the study of lessure or park and recreation services. The challenges, opponunities, and problems of lessure as it affects individuals' lives and the social fabric of their local, national and world communities.

Field Work I 6 credits; Grading Method: REG RECR 340

RECR 335

Field Work I 6 Credits', Crading Method: ALG.
Permission of department required. Sophomore field experience. Students may enroll for either Section 0101 or (2011 but must attend all class meetings during both summer sessions Section 0102 is Field Work. I in recreation resource planning and management and is held in New Heingshire Cost for Section 0102 includes tuttion plus room, board and incidental field.

expenses. Tu 7:00pm-8 00pm Bldg. PRH, Room 0305 0101 Leedy, C Room Arranged (LAB) Bldg PRH, Room 0305 Room Arranged Time Arranged Time Arranged Tu 7 00pm–8 00pm Kuss, F Iso-Ahola, S 0102

Undergrand RECR 200 and consent of the department Practical field experience in developing Percentages RECR 200 and consent of the department Practical field experience in developing recreation activity leadership skills at an organized recreation department or agency. Students will be created activity leadership skills at an organized recreation department or agency. Students will be expected to make a commitment for a minimum of eight weeks or equivalent

RECR 341

expected to make a commitment for a manimum of eight weeks or equivalent. Field Work II groedits, 'Garding Method', REG. Permission of depertment required. Recreation majors only, Students may enroll for either Sections 0101 or 0201 but must attend all cless meetings during both summer sessions. Section 0102 is Field Work II in recreation resource pleaning and menagement and is held in New Hampsher. The cost for Section 0102 noticles fulling his room, board and incidental how Hampsher. held expenses

held expenses

The 7-00pm-8-00pm Bldg, PRH, Room 0305 Smith, R

Time Arranged Room Arranged (AB) Kuss, F

The Arranged Room Arranged (AB) Kuss, F

Th 7-00pm-8-00pm Bldg, PRH, Room 0305 Smith, R

Time Arranged Room Room Arranged Room Room Arranged Room Room Arranged Ro Th 7:00pm–8.00pm Time Arranged Time Arranged Th 7:00pm–8.00pm 0101 0102

RECR 386

activity and participation in stars activities and isoperational Field Work 1-3 credits; Grading Method. REG

Permission of department required. Advisor approval required before registration.

Rhom Arranged

Staff 0101 Time Arranged Room Arranged Room Arranged Time Arranged Staff

ime Arranged

Field Work Ansiysis 1–3 credits: Grading Method. REG

Permission of department required. Advisor approval required before registration.

Room Arranged

Staff RECR 387 Time Arranged Time Arranged

RECR 432 Philosophy of Recreetion 3 credits: Grading Mathod: REC/P-F/AUD
Limited to recreation magins only Al least 36 credits earned

1010 MTWYNFF 9:30am-10 50am
Bigg PRH, Room 0307 Churchill, J
A study if the meanings, relationships, and exervices of recreation as expressed by past and present
authorities and leaders. This course should be of interest to people active in education, social work.

and related fields

RECR 489 Field Laboratory Projects and Workshop 1-6 credits, Grading Method: REG/P-F/AUD
Permission of department required. Advisor approvel required before registration.

1010 Time Arranged Room Arranged Staff
Room Arranged Staff

Signal RECR 4895 Field Laborstory Projects end Workshop: Crastitve Endeavors in Recreation Practice 3 credits; Grading Method: REG and Signal Recreation Practice 1010 MW 4 00pm-7 00pm Big PRH, Room 0303 Strobell, A

Staff

RECR cont

TILOTT COLLE		
RECR 490 Organization and Administration	of Recreation 3 credits, Gradin	g Method: REG P-F AUD
At least 56 credits earned.		
0101 TuTh 4.00pm-7:00pm	Bidg PRH, Room 1302	Churchill, J

A study of the organizational patterns and administrative problems involved in the various types of operating recreation departments and agencies, forms of organization, finance and budget, personnel, public relations

RECR 498L Special Topics in Recreation: Avocational Choice: Theory and Practice 3 credits, Grading Method: REG P-F AUD 0101 TuTh 7:00pm-10.00pm Bidg PRH, Room 0303 Ann

Annand, V

RECR 498P Special Topics in Recreation: Foundations of the Leisure Profession 3 credits, Grading Method: REG P.F.AUD
Not offered for graduate credit. 0201 MW 7 00pm-10:00pm Bldg PRH, Room 0305 Staff

RECR 688 Special Problems in Recreetion 1–6 credits, Grading Method. REG Permission of department required Graduate students only Advisor approval required before registration. Room Arranged

Time Arranged Time Arranged Room Arranged RECR 688E Special Problems In Recreation: Recreation Resource Planning and Management
1-6 credits, Grading Method: REG AUD
Permission of department required

Permission of department required:

Poom Arranged Kuss, F
A course in forest and park planning and management that focuses on the conservation of widdlands for their recreation, socio-economic and cologisal values. Planning and management concepts are centered around issues-onemed study. Consideration given to wildeness and wild river systems, wildlife and endangered species, and protection of unique natural arcs. The course is held in New Hampshite in cooperation with the White Mountain National Forest, Appalachian Mountain Club and Darmouth College Division of Outdoor Affairs. Cost includes tuition plus room, heard and incidental fall arounds.

RECR 799 Mestar's Thasis Research 1–6 credits, Grading Method. REG 0101 Time Arranged Room Arranged 0201 Time Arranged Room Arranged

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

RTVF

RADIO TELEVISION AND FILM (ARTS AND HUMANITIES)

TFF 124 Mass Communication in 20th Cantury Sociaty 3 credits, Grading Method: REG-F-AUD Meets USP Distributive Studies (D) Social and Behavioral Sciences requirement.

1010 MTuWThF 12 30pm - 150pm Bldg TWS, Room 0147 Parks, S
The evolution of mass communications and the impact of the media on contemporary society Emphass on broadcasting and film treatments of sexial, economic, or political bissue.

1010 RTWF 222 Introduction to Radio, Talevision, and Film 3 credits, Grading Method: REG-F-AUD MTuWThF 11.00am-12.20pm Bldg TWS, Room 0147 Brown, D
The development, scope and influence of radio, television, and Film, emphasis on the relationship of

the industries to audiences, advertisers, and government

RTVF 223 The Television Program: Planning and Menagament
3 credits, Grading Melhod. REG PF-RUD

0201 MTUWThF 11 00am-12 20pm Bigg TNS, Room 0147 Lancaster, D

Precquisite, RTVF 222. Study of base program formats and variations with special complexies or production planning, production organization, management, facility, unitization and cost analysis.

2 Beginning Sound Production 3 credits, Grading Method: REG P-FAUD MTJWThF 2:00pm-3 20pm Bidg TWS, Room 0131 Lancaster, D Prerequisite: RTVF 2:3. Practical expenence in sound production, including scripting, according recording, editing, and coordination of personnel application principally toward radio **RTVF 302** 0201

14 Introduction to the Film 3 credits; Grading Method REG P-F AUD
Meets USP Distributive Studies (C) Literature and the Arts requirement.
MTWVTHF 900m—11 000m—18 up. TWS, Room 2154
Weiss, G
An elementary survey of the film as an ant form Included are the medium of the cinema, a binef survey of its development, film geners, esthetics, cinicism, and the current international scene A seenes of significant American and foreign films are viewed.

RTVF 317

IVF 317 Radio and Television Continuity Writing 3 credits. Grading Method: REG
10101 MTuVThF 9:30am-10:50am Blog TWS, Room 0147 Robinson, E
10201 MTuVThF 12:30pm-150pm Blog TWS, Room 0147 Blum, R
10201 Prerequisites. RTVF 233 and ENGI 391 or exemption from the latter. Principles, methods and
1011 Initiations of writings for radio and television. Application toward writing of general types of
1012 continuities and commercials.

Principles of Television Production Techniques 3 credits. Grading Method. REG.P-FAUD MTUWThF 9:00am-11.00am Bildg, TWS, Room 0117 Aylward, T. Prerequisite: RTVF 233 and consent of the instructor. Theory, methods techniques and prolicies of television production, television carries and fenses, lighting theory and practices, audio, graphic arrivand special effects. Practical application in television studies. RTVF 340

Television Programming 3 credits, Grading Method REP. PAUD
MTW/ThF 9:30am-10:50am
Mtw/ThF 9:30am
Mtw/ RTVF 356

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

RTVF 384 Field Work Experience 1-3 credits; Grading Method S-F Permission of department required RTVF majors only Time Arranged Time Arranged 0101 Room Arranged

me Arranged Staff
Room Arranged Staff
Supervised, professional field work expenience in business, industry, government or education
Enrollment is by permission of the department and is limited to majors 0201

RTVF 385

Permission of department required
Tima Arranged

Permission of Arranged

Figure 4 Fi

Tourn Arranged Slaft

A seminar and/or a written critique of the field work experience is required Enrollment is by permission of the department and is limited to majors 0201 Time Arranged

RTVF 418S The Film Auteur: The Films of Stanley Kubrick 3 credits. Grading Method: REG P-F/AUD 0201 TuWTh 1:00pm-3:30pm Bldg. TWS, Room 2154 Kolker, R

Television Workshop 1-3 credits, Grading Method REG P-F AUD Permission of department required RTVF 449

0101 Time Arranged 0201 Time Arranged Room Arranged Staff Room Arranged Staff **RTVF 456**

Structure and Criticism of TV Advartising 3 credits, Grading Method. RE:
MTuWThF 11.00am-12.20pm Bidg TWR, Hoom 2154 Robinson, E
Prerquisites, RTVF 222, RTVF 223 and RTVF 317 An examination of the persuasive power of
television adversing. Analysis of form, structure and content of the television commercial and
techniques used to influence attitudes and tebraics.

RTVF cont.

RTVF 498 Seminar 3 credits, Grading Method. REG/P-F/AUD Permission of department required. Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff RTVF 498L Seminer: Broadcast Sales and Management 3 credits; Grading Meth. 0101 TuTh 3 00pm-6 00pm Bldg TWS, Room 0135 od: REG/P-F/AUD Kirkley Jr, D RTVF 498V Seminar: Field Production 3 credits, Grading Method: REG/P-F/AUD 0101 MTuWThF 9.30am-10 50am Bldg TWS, Room 0135 Sincell C RTVF 628S Seminar in Film: The Films of Stanley Kubrick 3 credits; Grading N 0201 TuWTh 1:00pm-3:30pm Bldg, TWS, Room 2154 thod: REG AUD Kolker, R

RTVF 648X Seminar in Broadcesting: Broadcest Sales and Management 3 credits, Grading Method REG.AUD 0101 TuTh 3:00pm-6:00pm Bldg TWS, Room 0135 Kirkley Jr, D

RTVF 699 Independent Study 1–3 credits, Grading Method: REG:AUD Permission of department required. Time Arranged Room Arranged Staff Staff 0201 Room Arranged RTVF 799 Mester's Thasis Research 1-6 credits; Grading Method. REG 0101 Time Arranged Room Arranged 0101 Time Arranged 0201 Time Arranged

SLAV (ARTS AND HUMANITIES)

SLAVIC Elementery Russian I 4 credits: Grading Method: REG/P-F/AUD
Meets USP Distributive Studies (A) Cultural and Histonical requirement.
MTuVTh 9 30am-12 20om Blidg, JMZ, Room 3205 SLAV 101 MTuWTh 9 30am-12 20om Berry, T

Room Arranged

10V/1 N 30am-12 ZODM Berry, 1
Elements of grammau, pronunciation and conversation, exercises in translation. Readings concern the current flessyle and civilization of the Russian-speaking world
Elementary Russlan II of credits, Grading Method FEG F-F-AUD
Meets USP Distributive Studies (A) Cultural and Historical requirament. 0201 MTuWTh 9:30am-12 20pm Bldg. JMZ, Room 3205
Prerequisite SLAV 101 or the equivalent A continuation of Slav 101 Schallart, W

SLAV 104

AV 104 Intermediate Russian 4 credits, Grading Method: REG.P-FAUL
Meets USP Distributive Studies (A) Cultrual and Historical requirement.
Biog. JUX_Room 2122 Hitchcook, D
Prerequisite SLAV 102 or equivalent Grammar review and greater mastery of vocabulary, idioms, conversational fluency and compositional skills. Readings stress the current lifestyle and civilization of the Russian-speaking world.

 Russlan Convarsation and Composition I 3 credits, Grading Method. REG/P-F/AUD
MTuWTh 9.30am-12 20pm Bldg, JMZ, Room 1117 Staft
Prerequisite SLAV 115 or equivalent. A practical language course recommended for all students continuing in Russian. **SLAV 201**

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

Room Arranged Room Arranged

SOCY (BEHAVIOR AND SOCIAL SCI) SOCIOLOGY

SOCI 100 Introduction to Sociology 3 credits. Grading Mathod. REG.P-FAUD

Meets USP Distributiva Studies (D) Social and Behavioral Sciences requirement,
0101 MTUVThF 2 00m-3 20m
Bidg. ASY, Room 3207 Ritzer, G
0201 MTUVThF 2 00m-3 20m
Bidg. ASY, Room 3203 Passe, J
The fundamental concepts and principles of sociology, includes consideration of culture, patterns of
social interaction, norms, values, social institutions, stratification, and social changer.

SOCY 105

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

O101 MTUVThF 12 30pm-15 flom
Bidg. ASY, Room 3203

Canjar, R
An examination of contemporary Social problems and Social Candidates of Social conflict and social inequality. Not open to students who already have credit for
SCXY 210

including s SOCY 210 SOCY 201

SCY 210
 OCY 201
 Indoubctory Statistics For Sociology 4 credits; Grading Method: REG.P-FAUD
 Meets USP Distributive Studies (B)Natural Sciances and Mathematics requirament.
 Blig. ASY, Room 2007
 TuTh 8 Odam—10 30am
 Preceptists SOCY (10) or 105 and MATH 110 or ceptivalent. Elementary descriptive and inferential statistics. Construction and percentiaging of bivariate contingency tables, frequency slurishours and graphic presentations, mazures of certain tendency and disprise inferior of association and correlation, regression, or probability hypothesis testing: the construction of the control of the contr

SOCY 305 Scarcity and Modern Society 3 credits, Grading Method, REG.P.F.AUD
Meets USP Advanced Studies Analysis of Human Problems requirement.

Q201 MTUMTh 9 30am - 105 Gam Bidg, ASY, Room 3203 Finsterbusch, K
Prerequisite, SOCY 100 or 300 The problems of resource depletion and the detenoration of the
environment Emphasis is on the relationship to life styles, individual consumer chooses, cultural
values, and institutional failures. Projection of the future course of American society on the basis of
the analysis of Scarcity, theories of social change, current trends, social movements, government
actions, and the futurist literature.

SOCY 325

DCY 325 Sex Robes 3 credits. Grading Method. REG P-F AUD
Meets USP Advanced Studies Analysis of Human Problems requirement.
Blig. ASY, Room 3203
Hunt, J
Sex-role differentiation and sex inequality from a sociological perspective. Institutional bases of sex
nequality, cultural views of the sexes, sex-role socialization and sex-role change. Emphasis on

contemporary American society

33 Sociology of Marriage and Femily 3 credits: Grading Mathod: REG.P-F.AUD
MTuWTh 11 Ogam-12 Opm
Bldg, ASY, Room 2020
Innamuta, A
Prerequiste SOCY 100 or 105 The sociological study of marriage and family life, including a
consideration of demographic trends in marriage, childbearing, divorce, sociological theories of mate
selection, mantal interaction, and marriad dissolution. The course includes discussion of some
contemporary controversial issues, such as the relationship of unmarried couples, alternative marriage
forms, abronium and volone; in the formity. forms, abornion, and violence in the family

SDCY 386 Field Work 1-3 credits; Grading Method REG.P-FAUD

Permission of department required Time Arranged Time Arranged Room Arranged

COURSE SECTIONS: 01xx, SESSION I	ONLY; 02xx, SESSION II ONLY.
SOCY 387 Field Work Analysis 1-3 credits: Grading Method REG P-F-AUD Permisson of department required 10101 Time Arranged 10201 Time Arranged 1020	SPCH cont. 0202 MTUWThF 9 03mm-10 50am Bldg TWS, Room 2228 0203 MTUWThF 11 00am-12 20pm Bldg TWS, Room 2212 A study of oral communication as it is part of technical fields Employed Fig. 12
SOCY 399 Independent Study in Sociology I-6 credits; Grading Method: REG.P-F.AUD Permission of department required 1010 Time Arranged Room Arranged Staff SOCY 599 Speciel Sociel Problems I-16 credits; Grading Method: REG.AUD	pniciples and techniques of interviewing, group discussion, histering, inclined and 107 may not both be used for SPCH 125 Introduction to Interpersonal Communication 3 cradits; Gradu 2021 MTuWTh § 30am-10 50am Blog, TWS, Room 0131 0202 MTuWTh § 11.00am-12 20pm Blog, TWS, Room 0131 Communication processes in dyadic relationships
10101 Time Arranged Room Arranged Staff	SPCH 220 Group Discussion 3 credits, Grading Method REGIP-FA(I/D) d101 MTWITH 9 30am-10 50am Blog. TWS, Room 1224 A study of the principles, methods and types of discussion, and their commencing problems SPCH 230 Argumentation and Debata 3 credits, Grading Method: REGIP- 0201 TUTA 4 00pm-700pm Blog. TWS, Room 2230
0101 Time Arranged Room Arranged Staff 0201 Time Arranged Room Arranged Staff	0201 TuTh 4 Opm—7:00pm A study of the fundamental principles of reasoning, analysis, and briefs and presentation of standard academic debate. SPCH 425 Communication and Sex Roles 3 credits; Grading Method. RE4 Meets USP Advanced Studies Analysis of Human Problems req 1010 MTW/ThF 11 (02mm-12 20pm Blog. TWS, Room 0131
SPANISH SPAN 101 Elementary Spenish 4 credits. Grading Method: PEG PF AUD Meets USP Distributive Studies (A) Cultural and Histonical requirement Bldg JMZ, Room 1215 Bldg JMZ, Room 1215 Weber, L Bldg JMZ, Room 2038 Gmez, J	An investigation of the creation of images of male and female, and in communication. He differences in male and female communication implications of those images and styles for male-female interpresonal SPCH 475 Persuasion in Speech 3 credits, Grading Method: REG/PF-FA/U 0101 TuTh 2 30pm-5 30pm Blog. TWS, Room 0147 Percrequists SPCH 200 or 230 A study of the bases of persua experimental developments in persuasion
0201 MTuVTTh 4 45am-11 00am Bldg JMZ, Room 0208 Martins, L Introduction to basic structures, with emphasis upon understanding and speaking. Normally leads to 102, but grited students may be recommended for 102H. SPAN 102 Elementary Spanish A credits, Grading Method. PEG-PF-AUD.	SPCH 488 Speech Communication Infarmship 1-6 credits: Grading Methor 0101 Time Arranged Room Room Room Room Room Room Room Roo
9101 MTWVTh 8 45am-11 00am Bidg JMZ, Room 1120 Ross A 9201 MTWVTh 8 45am-11 00am Bidg JMZ, Room 1224 Fness, M Continuation of SPAN 101, with increasing emphasis upon reading skill, reinforced by discussion and composition SPAN 203 Intermediate Spaniah 4 credits, Grading Method REG-P-FAUD Meets USP Distributive Studies (A) Cultural and Historical requirement Formerly SPAN	This seminar will concentrate on the problem of making message str will consist of study of both theoretical and empirical research on persuasive communication. SPCH 798 Independent Study 1–3 cradits, Grading Method: REGAUD 0101 Time Arranged Onom Arranged
104 1010 IMTWTTh 8 45am-11 00am Bldg, JMZ, Room 1226 Garcia A 10201 MTUWTh 8 45am-11 00am Bldg, JMZ, Room 2206 Castano A 10201 Continued development of the skills of understanding and speaking with supplementary attention to reading and writing Erinched course of study, with broad oral base and related development of reading and writing.	0201 Time Arranged Room Arranged Room Arranged SPCH 799 Mester's Theels Research 1–6 credits, Giradny Method: REG 0101 Time Arranged Room Arranged Room Arranged Room Arranged
SPAN 204 Review of Oral and Written Spanish 3 credits. Grading Method REG P-FAUD Meets USP Distributive Studies (A) Cultural and Historical requirement Formerly SPAN 201 0101 MTWWTh 9:05am-10 45am Bild, JMZ, Room 1117 Downey-Vanover, J	STAT STATISTICS AND PROBABILITY (COMP, MAT
Perceptistic SPAN 201 A practical language course recommended for all students continuing in Spanish May be taken concurrently with SPAN 221 or SPAN 205 SPAN 221 Readings in Spanish 3 credits, Grading Method REG.P.F.AUD Meets USP Distributive Studies (C) Literaturis and the Arts requirement 2021 MT WITH 5'00am-10.45am Big JMZ, Room 121 Perceptistic SPAN 204 Selected readings from various genrs in Spanish and Spanish American Interature Discussion and brief written reports in Spanish	STAT 400 Applied Probability and Statistics I 3 cradits; Grading Method: 0101 MTuWThF 8 00am-9 20am Bldg, MTH, Room 0106 Prerequisite, MATH 141. Random variables, standard distributions, and central limit theorem. Sampling methods, estimation of parameter
SPAN 311 Advanced Conversation 1.3 credits, Grading Melhod. REG.P-F.AUD. Meets USP Distributive Studies (A) Cultural and Histoncal requirement. 10101 MTUVTTh 90am-10 45am. Bildg. JMZ, Room 1104 Prequisits SPAN 204 or 205 or consent of instructor. Designed to develop fluency and accuracy in speaking Spanish. SPAN 312 Advanced Conversation ii 3 credits; Grading Melhod. REG.P-F.AUD.	STAT 799 Mastar's Thesis Research 1-6 credits: Grading Method: REG 10101 Time Arranged 10201 Time Arranged 10201 Time Arranged 10201 Time Arranged 10201 Time Arranged 10101 Time Arranged 10101 Time Arranged 10101 Time Arranged 10201 Time Arranged
Meets USP Distributive Studies (A) Cultural and Histonical requirement O201 MTuWTh 9 00am-10 45am Bldg JMZ, Room 1215 Valencia. J Prerequisite: SPAN 205 or 311 or consent of instructor SPAN 321 Survey of Spanish Literature: 12th-17th Century 3 credits: Gradion Method: REG P-F AUD	TEXT
Meets USP Distributive Studies (C) Licerature and the Arts requirement 10101 MW 900am-12 Oppm Bidg JUZ, Room 1103 Zappala, M SPAN 399 Independent Study in Spanish 1-3 credits, Grading Method REG P-FAUD 10101 Time Arranged Staff Room Arranged Staff SPAN 408 Great Themes of the Hispanic Literatures: Picceresque Novel	TEXTILES TEXT 150 Introduction to Taxtile Metariala 3 credits, Grading Method: RE 0101 TuVhT16 9 30am-10 50am Blog MMH. Room 2401 TuTh 11 00am-12 50pm Blog MMH. Room 2401 An introduction to the properties of textile materials. Behavior of the control of the properties of textile materials. Behavior of the properties of textile materials. Behavior of the properties of textile materials. Behavior of the properties of textile materials.
3 credits, Grading Method, REG P-FAUD 1010 TuTh 9 00am-12 200pm Bidg, JWZ, Room 1103 Zappala, M SPAN 448 Special Topics in Latin American Civilization: Novel and Film of Mexican Revolution 2011 TuTh 9 00am-12 00pm Bidg, JWZ, Room 2207 Aguilar-Mora, J SPAN 469 Moderniam and Post-Modernism in Spenia ned Spanish-America: Contemporary Latin American Poetry 3 credits; Grading Method, REG P-FAUD 2021 MW 9 00am-12 00pm Bidg, JWZ, Room 2207 Aguilar-Mora, J	relation to environmental conditions which influence assisticts, comfo Taxtilis Materials: Evoluation and Characterization 3 creatis; Grading Melhod IREG.P.FAUD 0201 MTuWTh 9.30am-10.50am Blög, MMH, Room 2201 TuTh 11.00am-150pm Precipatist ETXT 150 An investigation of the behavior of a cinvironmental factors and conditions of service influencing perform Laboratory expense; provides an opportunity to explore a variety of
SPAN 699 Independent Study in Spanish 1-3 credits, Grading Method: REG AUD 1010 1 Time Arranged Staff Room Arranged Staff SPAN 799 Master's Thesis Research 1-6 credits, Grading Method: REG 1010 1 Time Arranged Staff Room Arranged Staff 2021 1 Time Arranged Staff Span 799 Arranged Staff Span 799 Arranged Staff	resultation TEXT 347 History of Costume II 3 credits; Grading Method: REG.P-F.AUC Meets USP Distributive Studies (A) Cultural and Historical requir To 70 (pm-10:00pm Blog MMH, Room 0108) The development of European and American dress from the Renasses History of costume to changing technology, social auticutes and termets
SPAN 899 Doctoral Dissertation Research 1-8 credits, Grading Method REG 0101 Time Arranged Room Arranged Staff 0201 Time Arranged Staff	TEXT 363 History of Textiles 3 credits: Grading Method REG/P-F/AUD Meets USP Distributive Studies (A) Cultural and Historical required MTuWThF 9.30am-10.50am Bidg, MMH, Room 3418 A study of historic and contemporary fibers and fabries. The analys

THEATRE

SPCH

SPEECH

SPEEC	CH	(ARTS A	ND HUMANITIES)
SPCH 100	Basic Principles of Speech Comm	nunication 3 credits, Grading M	lethod REG P-F-AUD
0101	MTuWThF 8 00am-9:20am	Bldg TWS, Room 1202	Staff
0102	MTuWThF 9 30am-10 50am	Bldg TWS, Room 1202	Carlson, C
	MTuWThF 9 30am-10 50am	Bldg TWS, Room 0131	Klump, J
	MTuWThF 11.00am-12 20pm	Bldg TWS Room 1202	Klump, J
	MTuWThF 8 00am-9.20am	Bldg TWS, Room 2212	Doyle, T
0202	MTuWThF 9 30am-10 50am	Bldg TWS, Room 2212	Staff
	Prerequisite for advanced speech or	surses. A study of oral commun	eation orinciples, including
	verbal and nonverbal language, listen	ing, group dynamics, and public	speaking Emphasis in this
	course is upon the application of these		
	of different types of oral discourse. SP	CH 100 and 107 may not both be	used for credit
COCH 101	7 Technical Consult Communication	2 aradita: Gradina Mathad DE	CDEAUD

PCH 107 Technical Śpeech Commu 0101 MTuWThF 9.30am-10 50am 0102 MTuWThF 11:00am-12:20pm 0103 MTuWThF 12:30pm-1 50pm 0104 MTuWThF 11:00am-12:20pm 0201 MTuWThF 8:00am-9:20am credits: Grading Method Bldg TWS, Room 2212 Bldg. TWS, Room 2112 Bldg TWS, Room 0135 Bldg TWS, Room 0135 Bldg TWS, Room 2228 Wolvin, A Wolvin, A Wilson, C Wilson, C

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2228
2212
1 2228 Staff
1 2212 Staff
ds Emphasis in this course is on the
 tening, and informative and persuasive 
ed for credit.
 Grading Method: REG/P-F/AUD
0131 Edgar. T
                       Edgar, T
Edgar, T
 0131
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1204
                       Staff
nd their application in the discussion of
REG/P-F/AUD
Doyle, T
s, and evidence preparation of debate
d. REG/P-F/AUD
no. necestration
ms requirement.
10131 Carlson, C
1, and masculine and feminine, through
iteration behaviors and styles, and the
trisonal transactions.
 F/AUD
0147
                        Fink, E
 persuasion with emphasis on recent
 Method: REG/P-F/AUD
                        Staff
Grading Method: REG/AUD
n 2212 Fink, E
sage strategy decisions. Course content
uch on attitude and attitude change in
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CTICC AND	PROBABILITY	COMP M	ATH, AND PHYS	CON
STICS AINL	PRODADILIT	(COMP, M)	AIN, AND PHIS	3 301)

Staff

Staff

lethod: REG/P-F/AUD 0403 Staff 0106 Staff stions, moments, law of large numbers rameters, tesuing of hypotheses. REG thod: REG Staff

TEXTILES	(HU	(HUMAN ECOLOGY)	
TEXT 150 Introduction to Taxtile Metariala	3 credits: Grading Method: REG/I	P-F/AUD	
0101 TuWThF 9 30am-10 50am	Bldg MMH, Room 2401	Block, I	
TuTh 11 00am-12:50pm	Bldg MMH, Room 2401 (LA	VB)	
An introduction to the properties of relation to environmental conditions v	textile materials. Behavior of textil	le materials are observed in nd performance.	
TEXT 250 Taxtile Materials: Evaluation and 3 credits: Grading Ma			
0201 MTuWTh 9.30am-10.50am	Bldg. MMH, Room 2201	Pourdeyhimi, B	

2201 (LAB) performance, comfort and aesthetics, anety of textile materials and methods -F/AUD

al requirement.

n 0108 Jung, K

Renaissance to the present, relating the trends in the popular and fine arts.

TEXT 363 History of Textiles 3 credits; Grading Method REGP-FAUD

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

Bigg. MMH. Acom 3418 — Anderson, C

A study of Instoric and contemporary fibers and fabrics. The analysis of designs and techniques of decorating fabrics and the relationship of textiles to the aesthetic and developmental cultures of

TEXT 388 Field Work and Analysis in Textiles 3-6 credits, Grading Method: S-F Limited to majors in textiles and consumer economics. 0101 Time Arranged Room Arranged Room Arranged Wagner, J Wagner, J TEXT 498 Special Studies 2-4 credits, Grading Method: REG/P-F/AUD 0101 Time Arranged 0201 Time Arranged

THET

(ARTS AND HUMANITIES)

THE TID Introduction to the Theatre 3 credits; Grading Method: REGP-FAUD

Meets USP Distributive Studies (C). Literature and the Arts requirement.

1010 MTuVMTh 9:10,05m Blog TWS, Room 0241 Meersman, R

1011 MTuVMTh 9:10,05m Blog TWS, Room 0241 Meersman, R

1012 MTuVMTh 9:10,05m Blog TWS, Room 0241 Olerey, R

1012 core and characteristics of a play script, theatrical forms and styles; and theater history.

60	COUR	SE SECTIONS: 01	xx, SESSION
TH	IET cont.		
THET 120	Acting Fundamentals 3 credits; MTuWThF 11.00am—12:20pm Basic principles of acting technique	Grading Method. REG/P-F/AUD	F1 11
0101	MTuWThF 11.00am-12:20pm Basic principles of acting technique	es Exercises structured to develop	the student's concentration
THET 310	the application of these techniques to The American Theetre 3 credits; Meets USP Distributive Studies (MTuWThF 9.30am—10:50am	Grading Method. REG P-F-AUD	
0201	Meets USP Distributive Studies (MTuWThF 9.30am-10:50am	A) Cultural and Historical requirem Bidg. TWS, Room 1204	Oleary, R
HET 368	the colonial beginnings of artistic del Field Work 1–3 credits, Grading I Time Arranged	Method: REG/P-F:AUD	Staff
THET 387	Field Work Analysia 1-3 credits:	Grading Method: REG P-F/AUD	
0101 HET 479	Time Arranged Theater Workshop 1-3 credits; C	Room Arranged Grading Method REGIP-FAUD	Staff
0101	Permission of department require	d. Boom Arranged	Kriebs, D
HET 495	History of Theetrical Theory and Meets USP Advanced Studies De MTuWThF 9.30am-10:50am	Criticism 3 credits, Grading Me	thod: REG/P-F-AUD
0101	Meets USP Advanced Studies De MTuWThF 9:30am-10:50am	evelopment at Knowledge requirer Bldg. TWS, Room 0138	meni. Elam, H
	The development of theatrical theophilosophical basis of theatric as an a	ory and criticism from the Greeks to let form. Important theorists and the	to the modern theorist. The practical application of their
	philosophical basis of theatre as an a theories in either play scripts or the productions.	atrical productions Required attend	fance at selected live theatre
HET 499	Independent Study 3 credits; Gra	ading Method REG	
0101	Permission of department require Time Arranged	Room Arranged	Staff
0201 HET 490	Time Arranged	Room Arranged	Staff
161 493	OC Independent Study: Criticism in 3 credits; Grading M MTuWThF 11.00em-12:20pm	ethod: REG AUD	Allo
0101 HET 607 0101	MIUWINF 11.00am-12:20pm Criticism in the Public and Com	municetive Arts 3 credits, Gredi	Meersman, R ng Method: REG AUD
0101 HET 669	Criticism in the Public and Com MTuWThF 11:00am-12:20pm Independent Study 3 credits, Gra Permission of dependment require	Bldg TWS, Room 0241	Meersman, R
	Permission of department require	d.	0#
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Time Arranged 0102 Meets JUN 15 to AUG 7

retention plan

MTuWThF 1:00pm-3:00pm MTuWThF 9:00am-11:00am

UMEI 005

UMEI cont.

language instruction prior to undertaking full-time academic study. Speaking and histening skills, improvement of reading speed and comprehension; and development of writing skills with special emphasis on research papers and use of the University library. Special fee This course does not earry credit towards any degree at the university and does not count in the retention plan.

LIMEL 006 English Pronunciation No credit; Grading Method: S-F

Permission of department required. W 10:00am-12:00pm W 10:00am-12:00pm

Permission of department required.

10 00am-12 00gm

Bidg, JMZ, Room 1211

Staff
10 00am-12 00gm

Individualized class for the non-native speaker of English. Disposes or individual pronunciation in the problems. Practice in the correct pronunciation of English business and improvement of ability to speak English with proper stress and innonation patients. Special fee. This course does not carry credit towards any degree at the University and does not count in the Retention Plan

URBS

INSTITUTE FOR URBAN STUDIES (BEHAVIOR AND SOCIAL SCI)
URBS 100 Introduction to Urben Studies 3 credits, Grading Method: REGIP-FAUD
MEET USP DISTRICTURE Studies (O) Social and Behavioral Sciences requirement.

Bldg. LEF, Room 2123 Bldg. LEF, Room 2123 0101 Tu 10:00am-1:00pm

Contemporary urban patterns, trends and problems Major urban issues, such as: population, the conomy, land use, housing, neighborhood development, fiscal and unemployment enses, and social, environmental, and political controversies of metropolitian areas. Urbanization patterns and political internationally

URBS 350 Quantitetive Methods in Urban Studies 3 credits, Caracing preunoc. Laidlaw, C 1011 TuTh 6:00prn-9:00prn Methods in Urban Studies 3 Credits, Caracing preunoc. Laidlaw, C 1011 TuTh 6:00prn-9:00prn Methods 100, 210, or 220; or premission of instructor. A practical introduction turban data sources and measurement, basic descriptive statistics, urban data collection, sampling and urban data sources and measurement, basic descriptive statistics, urban data collection, sampling and urban data collection, sampling and URBS 386 Fletd Work 1-3 credits, Grading Method: REGIP-F/AUD
Femission of department required. Learning contract must be obtained from 0119 Herchaus.

O101 Time Arranged Room Arranged Williams, B Williams, B Comparation of the Arranged Room Arranged Williams, B Williams, B Field Work Anelysis 1–3 credits; Grading Method: REG/P-F/AUD Permission of department required. Learning contract must be obtained from 0119 Hombake

Hombake.

1010 Time Arranged Room Arrenged Williams. B. Soroits. Grading Method: REGIPS-/RUD

Permission of department required. May be staken concurrently with URBS 438. Urban

Williams, E

0201 Time Arranged Milliams
URBS 3991 Independent Study in Urben Topice 3 credits; Gading Method: REG/P-FAUD
Permission of department required.
0101 Time Arranged
0201 Time Arranged

0201 Time Arranged Williams, B
0101 MW 3.00pm-6.00pm In Urban Studies: The Contemporary Chy
URBS 488C Selected Toples in Urban Studies: The Contemporary Chy
0201 TuTh 4.00pm-7.00m IBGs LEF. Room 1222
URBS 488D Selected Toples in Urban Studies: Micro Computer Applications in Planning 3201 TuTh 12.00pm-3.00pm Urban Studies: Micro Computer Applications in Planning 3201 TuTh 12.00pm-3.00pm Urban Studies: Urban and Marks Bedge LEF. Room 1210
URBS 688B Recent Developments in Urban Studies: Urban and Mero Budge Method: REGP-ED With Studies: Urban and Method: REGP-ED With Studies: Method: REGP-ED With Studies: New York Studies: REGP-ED With Stud Kellerman, A

Chang, W ro Budgeting

Administration 3 credits, Grading Method: REG/AUD

1010 MW 30pm-600pm

Bildg, LEF, Room 1222 Marando, V

URBS 686C Recent Developments in Urban Studies: The Contemporary City

2011 TuTh 4 00pm-redits, Grading Method: REG/AUD

0201 TuTh 4 00pm-redits, Grading Method: REG/AUD

URBS 686D Recent Developments in Urban Studies: Metro Computer Applications in Planning

0201 TuTh 12 00pm-605 Grading Method: REG/AUD

0201 TuTh 12 00pm-605 Grading Method URBS 689 Internablp Seminar: Graduale Internablp 3-6 credits; Grading Method: REG/AUD
Permission of department required.

0101 Time Arranged 0201 Time Arranged 0101 Time Arranged Room Arranged Room Arranged Room Arranged URBS 598 Independent Study in Urban Topics 3 credits, Grading Method: REG/AUD Contact department to make errangement Room Arranged Staff

0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged

URBS 698A Independent Study in Urben Topics: Independent Study for Interns
3 credits; Grating Method: REG:AUD

Contact department to make arrangements. Concurrent registration with URBS 689 is

possible 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged

URBS 698I Independent Study in Urban Topics 3 credits; Grading Method: REG/AUD
Contact department to make arrangements.
3101 Time Arranged
Room Arranged
William

0101 Time Arranged 0201 Time Arranged U201 Time Arranged URBS 598R Independent Study in Urben Topics: Independent Reedings 3 credits: Grading-Method. REG AUD

Permission of department required.

1010 Time Arranged

1010 Time Williams, B. Williams, B.

0101 Time Arranged 0201 Time Arranged URBS 799 Meater's Thesis Research 1-6 credits; Greding Method: REG
Permission of department required
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0101 Time Arranged 0201 Time Arranged

Staff

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Monthers are 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 histening skills, on improving reading speed and comprehension of academic texts, and on developing writing skills for academic courses. Special fee Carries no credit towards any degree and does not count in the

Bidg ARC, Room 1121 Bidg ARC, Room 1121 Bidg JMZ, Room 0204 Bidg, JMZ, Room 0204

Semi-intensive course for the nearly proficient non-native speaker of English needing additional

MEI 005 Afformaced English as a Foreign Language No credit; Grading Method: S-F
Permission of department required
0201 MTLWTHF 9:00am-11:00am
MTLWTHF 1:00pm-3:00pm
Bldg ARC, Room 1121 Staff
MTLWTHF 1:00pm-3:00pm
Bldg ARC, Room 1121 Staff

WMST

Staff

WOMEN'S STUDIES (ARTS AND HUMANITIES)

WMST 200 Introduction to Women's Studies: Women end Society
3 credits: Grading Method: REG P.F.AUD

Meets USP Distributive Studies (D) Social and Behavor's Sciences requirement.

2020 MVF 10:00am-12:00pm

A historic and interdisciplinary study of the status. Incl.s, and experiences of women. Sources from a variety of fields such as literature, psychology, history, and anthropology, focusing on the writings of

WMST cont.

WMST 250 Introduction to Women's Studies: Women, Art and Culture
3 credits: Grading Method: REG P-FAUD
Meets USP Distributive Studies (C) Literature enth Arts requirement.
WY 10:00am-1:00pm Bldg. HBK, Room 0117 Pratt, M

r 10.00mm-1.00pmi

An exploration of women's creativity Topics include traditional and alternative women's cultures, url, myth, literature, and theology by women; women's heroic journeys, and emerging ferminist art

WMST 350 Feminist Education Practicum 1-3 credits; Grading Method: REG.P.F.AUD Pratt, M Zeiger, R 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged

WMST 351 Feminist Education Analysis 3 credits: Grading Method. REG/P-F:AUD 0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged Draff M Zeiger, R

WMST 400 Theories of Feminiam 3 credits; Grading Method: REG-PF AUD
Meets USP Advanced Studies Development of Knowledge requirement Must have taken
WMST 200 or 250 or have permission of instructor to take this course.

1010 TuTh 10:00am-1:00pm
For a study of feminist theories from an interdisciplinary perspective, including politics, sociology, psychology, anthropology, and and philosophy. Prerequisite: a course on women (ideally WMST)

WMST 498A

Special Topics in Women's Studies: Pathe to Power, Women in Management
3 credits; Grading Method: REGP-FAUD
0101 MW 6-00pm-9-00pm
Bildg, LEF, Room 1222 Lippin, L

WMST 496B Special Topics in Women's Studies: Women and Public Policy
3 credits; Grading Method: REG.P-F.AUD
Prerequisite, WMST 200 or 250 or permission of instructor.

10201 TuTh 10:00am-1:00pm Bldg HBK, Room 0117

Strasburg, G

WMST 499 Independent Study: Individual Study In Women's Studies
1-3 credits; Grading Method. REG.P-F.AUD
Permission of department required Individual instruction course Prerequisite: 3 hours of
WMST, upper division standing.

Time Arranged Room Arrenged

ZOOL

ZOOLOGY ZOOL 101

(LIFE SCIENCES)

UG1Y

General Zoology 4 credis, Grading Method REGP-F-AUD

Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement. Credit for ZOOL 101 is not counted in the 30 hours required for the major.

MT-WIFN F-8.00am-9.20am

Bidg ZOP, Room 1236

Linder, H

Lin 0101 0102

70OL 201

to personal zoology majors with no light school sology during.

I Human Anatomy and Physiology 14 credits, Grading Method REG-P-F/AUD
Not accepted for credit toward the zoology major.

MTWTHF 10.00am-11:50am
Bildg, 2DP, Room 1243
Diglova
MTWTHF 8:00am-10:00am
Bildg, 2DP, Room 2207 (LAB)
MTWTHF 8:00am-10:00am
Bildg, 2DP, Room 2025 (LAB)
MTWTHF 1:00am-11:50am
Bildg, 2DP, Room 2025 (LAB)
MTWTHF 1:00pm-3:00pm
Bildg, 2DP, Room 2025 (LAB)
MTWTHF 1:00pm-3:00pm
Bildg, 2DP, Room 2025 (LAB)
Deterministic 2DOI, 101 or counsaled. At homewhat personal control the assetsment 0101 0102 Digiovanna, A 0103 Digiovanna, A

MIQWIn 1130am 130am MTWTh 110pm 300pm Prerequisite: ZOOL 101 or equivalent log ZOP. Room 0205 (LAB)

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200L 202 Human Anatomy and Physiology II 4 credits: Grading Method: REG.P-F.AUD

0201 MTUWThF 8 00am-8-50am
MTUWThF 9 30am-11:30am
Bidg, ZOP, Room 1207 (LAB)

0202 MTUWThF 9 00am-11:30am
Bidg, ZOP, Room 1207 (LAB)
Percepuistes: ZOOL 101 or equivalent. Introduction to the anatomy and physiology of the cardiovascular, respiratory, digestive, excretory and reproductive systems. Intermediary metabolism and endocrine relationships. Not accepted for credit toward the zeology major

200L 210 Animal Diversity 4 credits; Grading Method. REC-P-FAID
Meets USP Distributive Studies (B)Natural Sciences and Mathematics requirement
Multi-B 800am-8-50am
Bidg. 20P. Room 1238
MTUWTh-B 9.03am-11.30am
Bidg. 20P. Room 0257 (LAB)
A comparative study of the diversity of animal form and fination, necluding analysis of structures and mechanisms which different organisms utilize to cope with similar requirements of life. Not open for credit to studies who have credit in 2001. 293

Genetics 4 credits, Grading Method REG/P-F-AUD MTuWThF 11:00am-12:20pm Bldg, ZOP, I **ZOOL 213** Bidg. ZOP, Room 1228 Bidg. ZOP, Room 0245 (*LAB*) Bidg ZOP, Room 1228 Bidg ZOP, Room 0245 (*LAB*) Imberski, R TuWTh 8:00am-11:00am MTuWThF 11:00am-12:20pm 0102 Imberski, R TuWTh 1:00pm-4:00pm

JUVI IN 1.100PM-4.0Uppm one semester of organic chemistry. An integration of the basic principles of two related subjects, genetics and development Composition, transmission, and function of genetic material, basic processes of animal development, and the role of differential gene expression composition from the role of differential gene expression composition from the regulation of development. Not open for credit to students who have credit in 2001. 210

ZOOL 301

0201 MTuWThF 9:30am-10.50am

Biological Issues and Scientific Evidence 3 credits, Grading Method REG/P-FAUD
Meets USP Advanced Studies Development of Knowledga requirement
MWThF 9 30am-0.50am Biolog, 20P, Room 1228 Allan, J
Prerequisite an introductory college-level biology course. The process of scientific inquiry in
biology, using a models two areas in which scientific data of social importance is subject to widely
differing interpretations. (1) evolution vs creationism, (2) neasurement of human intelligence The
provisional nature of scientific rath Evolution and creation-science veryonism. Inclingence tessing is viewed from a historical perspective of its origins in 19th century craniometry and the subsequent development of intelligence tests

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ZOOL 309H Honors Independent Study 1-4 credits; Grading Method: REG/P-F/AUD Contact department to make arrangements

0101 Time Arranged 0201 Time Arranged Room Arranged Room Arranged ZOOL 318H Honors Research 1–2 credits; Grading Method; REG:P-F/AUD Contact department to make arrangements, Time Arranged Time Arranged Room Arrenged

ZOOL 200L 319 Special Problems in Zoology 1-2 credits, Grading Mathod: REG.P.F./AUD Permisson of department required Contect department to make arrangements Room Arranged Staff Room Arranged

201 Time Arengad Room Arranged Staff
200L 3280 Selected Topics in Zoology: Devalopmental Biology
3 credits: Grading Method: REG-P-FAUD
Prerequisital 1 year of college biology and one semester of organic chemistry
0101 MTWVThF 11 00am-12 20pm Biolog, 20P. Room 1124 Goode, M
200L 3282 Selected Topics in Zoology: Field Research 1-3 credits; Grading Method: REG P-F-AUD
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200L 509 Special Problems in Zoology: Field redits: Grading Method: REG AUD
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Doctorel Dissertation Research 1-8 credits; Grading Method. REG Staff OC 899 Doctorel Dis 0101 Time Arranged 0201 Time Arranged Staff Room Arranged



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

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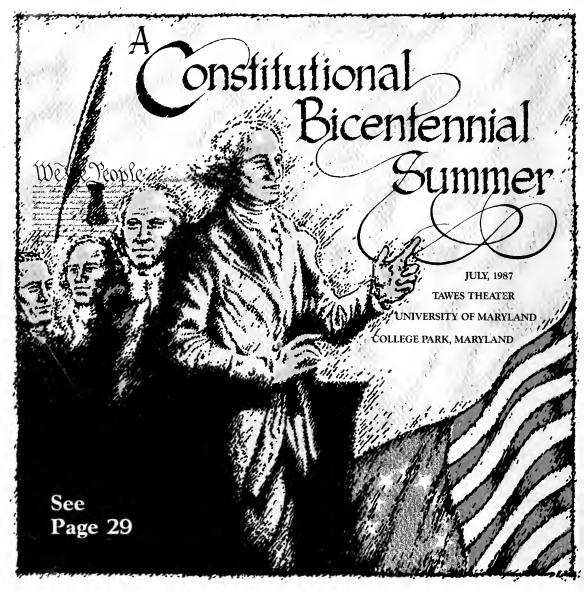
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