



TIME SCHEDULE

UNIVERSITY OF WASHINGTON

SPRING QUARTER 1969

ADVANCE REGISTRATION FEBRUARY 3-21

IN-PERSON REGISTRATION BY APPOINTMENT
MARCH 20, 21, 24, 25, 26

CLASSES BEGIN MONDAY, MARCH 31

FINAL EXAMINATIONS BEGIN MONDAY, JUNE 9

QUARTER ENDS FRIDAY, JUNE 13

Spring Quarter, 1969, Examination Schedule

The last day of instruction is Friday, June 6

HOUR class actually meets during quarter	Hour and day on which examination occurs. by days of class meeting in the week				
	Meeting four times a week, or daily	MWF: MT: MW; MF: WF; MWTh	TTh: ThS; TS; TThS: T; Th; TThF: MTTh	M; W; F; S; Meeting once a week	Day of Examination
7:30 a.m.	8:30-10:20*	8:30-10:20	10:30-12:20	12:30- 2:20	Friday June 13
8:30 a.m.	8:30-10:20*	8:30-10:20	10:30-12:20	12:30- 2:20	Tuesday June 10
9:30 a.m.	8:30-10:20*	8:30-10:20	10:30-12:20	12:30- 2:20	Wednesday June 11
10:30 a.m.	8:30-10:20*	8:30-10:20	10:30-12:20	12:30- 2:20	Monday June 9
11:30 a.m.	2:30- 4:20*	2:30- 4:20	4:30- 6:20	6:30- 8:20	Wednesday June 11
12:30 p.m.	8:30-10:20*	8:30-10:20	10:30-12:20	12:30- 2:20	Thursday June 12
1:30 p.m.	2:30- 4:20*	2:30- 4:20	4:30- 6:20	6:30- 8:20	Monday June 9
2:30 p.m.	2:30- 4:20*	2:30- 4:20	4:30- 6:20	6:30- 8:20	Tuesday June 10
3:30 p.m.	2:30- 4:20*	2:30- 4:20	4:30- 6:20	6:30- 8:20	Thursday June 12
4:30 p.m.†	2:30-4:20*	2:30- 4:20	4:30- 6:20	6:30- 8:20	Friday June 13
EVENING CLASSES (5:30 or thereafter)	8-10 p.m. Wednesday June 11	8-10 p.m. Wednesday June 11	8-10 p.m. Thursday June 12	8-10 p.m. Tuesday June 10	
Make-ups Incomplete Removals Conflicts	When mutually agreeable to faculty and students concerned. provided scheduled <i>no later than</i> Friday, June 13.				

The examination schedule begins at 8:30 a.m. Monday, June 9.

Classes not assigned by the above schedules may use any time during the examination days which is mutually agreeable to faculty and students concerned, provided it is scheduled no later than Friday, June 13, and no student has conflict with another examination.

*Classes in which the entire class meets at the same hour every day may use 8:30-11:20 or 2:30-5:20 for the examination; but in 5-credit courses which meet Monday and Wednesday, or Monday, Wednesday, and Friday for lecture, with quizzes or laboratories at various hours, there may be students who have other classes meeting on Tuesday and Thursday at the same hours as the Monday and Wednesday, or Monday, Wednesday, and Friday lectures. In order not to penalize those students who will have an examination in the Tuesday and Thursday course from 10:30-12:20 or 4:30-6:20 the same day, and to insure equity, the examination must be terminated at the end of one hour and fifty minutes and all examination papers must be collected.

†Examinations for all 4:30 College of Education classes numbered 400 and above will be administered at 4:30 on the day of the final examination period on which the class is normally taught.

Instructors of 5-credit courses, which do not occupy the

same classroom five days a week, who wish to give a 3-hour examination must ascertain whether or not there is a 2- or 3-credit course occupying the classroom on other days of the week which will be holding an examination scheduled for the 10:30 hour. If that proves to be the case the instructor must arrange for another examination room by calling Room Assignments, Ext. 3-1080.

All students in undergraduate courses shall be required to take final examinations, provided that in a course for which an examination is not an appropriate test of the work covered, the instructor, with the consent of the dean of the school or college concerned, may dispense with the final examination.

The Faculty Code specifies that "special early examinations given to individual students or groups of students as substitutes for final examinations are prohibited."

Working students are responsible for arranging their work hours to enable them to attend the final examinations.

A student absent from a scheduled final examination, either by permission of his dean or through sickness or other unavoidable cause, shall be given a grade of Incomplete if his work in that course has been satisfactory until the time of his absence. He may remove this Incomplete in the manner provided for the removing of Incomplete grades. In all other cases of absence from the scheduled final examination, a student shall be given a grade of EW.

GENERAL REGISTRATION DIRECTIONS

See each quarter's registration poster for exact dates and deadlines.

It is the University's expectation that a student will follow University rules and regulations as they are stated in the *General Catalog*. In instances where no appeal procedure is spelled out and the student is persuaded that a special set of circumstances makes appeal reasonable, he may appeal the application of specific rules or regulations to the Office of the Dean of the School or College in which he is enrolled in the case of an academic matter, or to the Office of Student Affairs in the case of a nonacademic matter. These offices will either render a decision on the appeal or refer the student to the proper office for a decision.

1. All matriculated students currently in school who plan to register for the following quarter (Summer Quarter excepted) must register by Advance Registration and pay fees by the stated deadline or be subject to a \$15.00 Service Charge to register In-Person, except:
 - a. Students initially entering the Schools of Dentistry, Law, or Medicine, and those initially granted Graduate or Unclassified-5 status.
 - b. Students on scholastic probation who are prohibited from participating in Advance Registration by their academic deans, and who present an adviser-approved waiver (orange IBM card) of the \$15.00 Service Charge to Sections before the close of Advance Registration.
 - c. Students whose Advance Registration is cancelled when they are dropped for low scholarship, and who are subsequently reinstated and permitted to reregister.
 - d. Graduate students registering *in absentia*, with the approval of the Dean of the Graduate School.
 - e. Students who withdraw during the current quarter prior to the end of Advance Registration who may elect either Advance or In-Person Registration.
2. All nonmatriculated students currently in school who plan to register for the following quarter must obtain an appointment and register in person.

All former matriculated and nonmatriculated students not currently registered must make application by the deadline and register in person. (For information call 543-5920.)

All new entering students must apply by the deadline and register in person. An In-Person appointment will be mailed with the Notice of Admission. (For information call 543-5890.)
3. It is your responsibility to plan and select the required courses for your degree objective. Check your *General Catalog* for degree requirements.
4. Note the following University requirements.
 - a. Every student who has not satisfied the three-quarter lower-division Physical Education Activity graduation requirement is held responsible for including a Physical Education Activity on his Official Program each quarter until this requirement is satisfied.
 - b. The Selective Service requires full-time registration to maintain student status.
 - c. Students registering for more than 13 credits must select an afternoon class meeting at 12:30 p.m. or after, if one is available. Only a daily class or two 2-hour laboratories, except lower-division ROTC and Physical Education Activity, will satisfy this afternoon class requirement. Waiver of the afternoon class requirement must be approved by your dean or his authorized representative.
- d. Immigration students with undergraduate status must register for a minimum of 12 credits per quarter; with graduate status, 8 credits.
- e. Veterans: Minimum full-time load exclusive of lower-division ROTC and Physical Education activity:

P.L. 815 and 894 (Disabled Veterans), 15 credits. Veterans under P.L. 815 or 894 must have their Official Programs approved by their training officer each quarter.

P.L. 358 (Veterans Act of 1966), 14 credits.
P.L. 634 (Children of Deceased and Totally Disabled Veterans), 14 credits. Minimum requirement to use P.L. 634, 7 credits.

Graduate and Summer Quarter students should consult with the Veterans Division regarding minimum credits to be a full-time student.
- f. New students and students returning after an absence of one calendar year are required to submit results of a medical examination by a private physician on the University's Health History and Medical Examination form prior to initial registration.
5. Obtain an Official Program at your adviser's office.
6. Print with a **BLACK LEAD PENCIL** on your Official Program.
 - a. Fill in all personal information, including your Permanent Student Number.
 - b. Enter courses and credits in the space provided, but *do not enter sections and/or hours*. If you have work, transportation, or other activities that will affect the arrangement of your schedule, note them in the area provided.
 - c. Print an "R" before *required* courses, an "E" before *elective* courses, and a P/F for courses taken by Pass/Fail, in the column provided.
 - d. Check to be certain that you have the prerequisites, as indicated in the *General Catalog*, for the courses you select.
 - e. List *alternate courses* which can be substituted in case courses on your original schedule are closed. Indicate whether these alternates are required or elective. The listing of alternate courses may prevent a change of registration.
 - f. Obtain course permission signatures where indicated in this time schedule. If you are registering for a course out-of-quarter, obtain the required permission form at your advisory office.

- g. If you have a known conflict of hours, obtain written permission for the conflict from the departments concerned. Authorization signatures must appear in the course permission area of the Official Program.
- h. Take your Official Program to your adviser for his signature.
- i. All courses offered within the College of Arts and Sciences which have an Honors designation (excluding English 101H and 103H) require an ASPH permission stamp.

ADVANCE REGISTRATION ONLY

- 7. a. Take your adviser-approved Official Program to the Administration Building lobby (Engineering students go to 353 Loew Hall).
- b. Follow posted instructions.
- c. In Advance Registration, programs are accepted by class, with graduates and seniors first; then juniors, sophomores, and freshmen. Every effort is made to comply with your requests. If a course is closed an approved alternate course will be substituted.
- d. You will be mailed a fee card, a copy of your scheduled Official Program with additional registration instructions, and two Information Cards. *Read the enclosed instructions CAREFULLY.*
- e. Mail your fee card, fee payment, and your two Information Cards to the Cashier in the envelope provided, before the due date indicated. *Return your fee card and your Information Cards, without exception, even though no cash payment may be required.*
- f. If the above items are received by the date specified on your fee card, your registration will be complete.

If you find a conflict in hours or an error in credits, *pay your fees by the due date anyway.* Report to Sections at your earliest convenience for an adjustment of your schedule. You need not wait for the change of program period.

IN-PERSON REGISTRATION ONLY

- 8. On the day and time of your appointment:
 - a. Present your approved Official Program and your appointment card or Notice of Admission at the Registration Window in the Administration Building lobby to obtain a Registration Packet.

- b. Take the Registration Packet and your Official Program to Sections, 101 Administration Building (Engineering students go to 353 Loew Hall).
- c. As soon as you are scheduled and receive a copy of your Official Program, report to the Cashier's Office and pay your fees.

CHANGE OF PROGRAM

Drop or Add

- 1. Obtain a Change of Program card at your advisory office and have it approved by your adviser. Obtain permission signatures, where indicated in this *Time Schedule*, for any courses that you plan to enter. All changes involving Freshman English Composition must be authorized in writing by the Freshman English Department, Padelford Hall. All changes in undergraduate chemistry courses must be cleared at 139 Bagley Hall.
- 2. Present the Change of Program card at Window 3 in the Administration Building lobby where you will be given an appointment for Sections.
- 3. A service charge of \$5.00 is made for Change of Program.

WITHDRAWAL FROM THE UNIVERSITY

- 1. Obtain a withdrawal form from your advisory office, and have it approved by your adviser.
- 2. Present the withdrawal form at the Information Window, Registrar's Office, Administration Building lobby. Withdrawal is not official until the form is presented to the Registrar's Office.

GUIDE

The name of the department appears only as a heading before the list of departmental course offerings. Course and section information is listed in the following columnar order:

Course number—listed with lecture section only
 Section designation
 Section type—laboratory, quiz, or conference
 Credits—listed with lecture section only
 Day of meeting
 Time of meeting and instructor of class
 Place of meeting
 Slash (/) means *or*
 Hyphen (-) means *to*
 *indicates "to be arranged"
 2.5 credits means 2½ credits

CHANGES IN UNIVERSITY REGULATIONS

The University and its colleges and schools reserve the right to change the fees, rules, and calendar regulating admission and registration, instruction in, and graduation from the University and its various divisions, and to change any other regulations affecting the student body. Changes shall go into force whenever the proper authorities so determine, and shall apply not only to prospective students but also to those who at that time are matriculated in the University. The University also reserves the right to withdraw courses at any time.

A graduate student must satisfy the requirements for an advanced degree which are in force at the time the degree is to be awarded.

UNIVERSITY OF WASHINGTON
 BULLETIN
 General Series No. 1066
 DECEMBER 1968

Published semimonthly in August, September, and October and monthly the balance of the year at Seattle, Washington, by the University of Washington. Second-class postage paid at Seattle, Washington 98105

INDEX AND CODES

The University's course and section offerings are printed in the *Time Schedule* in the sequence below, which, in general, is in alphabetical order within colleges. The major exceptions are ROTC courses, which appear after the College of Engineering, the Graduate School divisions, and Dentistry and Medicine.

The quarterly COURSE CHANGES, and REQUIRED PERMISSION SIGNATURES, are also listed in this sequence.

ARCHITECTURE AND URBAN PLANNING— COLLEGE CODE: B

ARCH	51	ARCHITECTURE
B C	52	BUILDING CONSTRUCTION
L ARC	53	LANDSCAPE ARCHITECTURE
URB P	56	URBAN PLANNING

ARTS AND SCIENCES—COLLEGE CODE: C

ANTH	102	ANTHROPOLOGY
ART	105	ART
ASTR	107	ASTRONOMY
ATM S	108	ATMOSPHERIC SCIENCES
BIOL	112	BIOLOGY
BOT	115	BOTANY
CHEM	117	CHEMISTRY

CLASS	118	CLASSICS
GRK	119	GREEK
LAT	120	LATIN
CL AR	121	CLASSICAL ARCHAEOLOGY
CL LI	122	CLASSICAL LINGUISTICS
NE	123	NEAR EAST
ARAB	124	ARABIC
HEBR	125	HEBREW
PERSN	127	PERSIAN
TKISH	128	TURKISH
CMU	131	COMMUNICATIONS
CLIT	134	COMPARATIVE LIT
DANCE	135	DANCE (DRAMA)
DRAMA	136	DRAMA
DR AR	137	DRAMA ARTS
ECON	139	ECONOMICS
ENGL	142	ENGLISH—FRESHMAN
ENGL	142	ENGLISH
FAR E	144	FAR EASTERN AND RUSSIAN INST FAR E & SLAVIC LANGUAGES & LIT

BULGR	145	BULGARIAN
CHIN	146	CHINESE
CZECH	148	CZECH
HD UR	149	HINDI—URDU
HUNGAR	150	HUNGARIAN
INDIC	151	INDIC
JAP	152	JAPANESE
KOR	153	KOREAN
MONG	154	MONGOLIAN
POLSH	155	POLISH
ROMN	157	ROMANIAN
RUSS	159	RUSSIAN
SNKRT	160	SANSKRIT
SER C	161	SERBO-CROATIAN
SLAV	162	SLAVIC
THAI	163	THAI
TAMIL	164	TAMIL
TIB	168	TIBETAN
TKIC	170	TURKIC
VIET	172	VIETNAMESE
INDN	173	INDIAN

HUM	178	GENERAL EDUCATION HUMANITIES
SOC S	182	SOCIAL SCIENCE
G ST	185	GENERAL STUDIES
GENET	186	GENETICS
GEOG	188	GEOGRAPHY
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GERM	193	GERMANIC LANGUAGES & LIT
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H EC	198	HOME ECONOMICS
L A	200	LIBERAL ARTS
LING	203	LINGUISTICS
MATH	206	MATHEMATICS
MICRO	216	MICROBIOLOGY
MUSIC	217	MUSIC
OCEAN	219	OCEANOGRAPHY
PHIL	221	PHILOSOPHY
PE M	223	PHYSICAL EDUCATION—MEN
DNC M	224	DANCE—M
H ED	225	HEALTH EDUCATION—MEN
R ED	227	RECREATION EDUCATION— MEN
PE W	229	PHYSICAL EDUCATION— WOMEN
DNC W	230	DANCE—W
H ED	231	HEALTH EDUCATION— WOMEN
R ED	233	RECREATION EDUCATION— WOMEN
PHYS	239	PHYSICS
POL S	244	POLITICAL SCIENCE
	245	PRE BA
	246	PRE OCEANOGRAPHY
	247	PRE DENT
	249	PRE DENT HYG
	256	PRE MAJOR
	258	PRE MED
	259	PRE OCCUP THERAPY

PSYCH	260	PRE PHYS THERAPY
P MED	261	PRE MEDICAL TECHNOLOGY
	262	PSYCHOLOGY
	263	PREVENTIVE MEDICINE
ROM	264	ROMANCE LANGUAGES & LIT
CATA	266	ROMANCE LINGUISTICS & LIT
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RMN	275	PROVENCAL
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		SPANISH
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DAN	285	SCANDINAVIAN
NORW	289	DANISH
SWED	291	NORWEGIAN
SOC	293	SWEDISH
SPCH	295	SOCIOLOGY
ZOOL	297	SPEECH
		ZOOLOGY

BUSINESS ADMINISTRATION— SCHOOL CODE: E

ACCTG	301	ACCOUNTING
A ORG	302	ADMINISTRATIVE THEORY AND ORGANIZATIONAL BEHAVIOR
B CMU	306	BUSINESS COMMUNICATIONS
B ECN	307	BUSINESS ECONOMICS
BG&S	308	BUS. GOVERNMENT & SOCIETY
B POL	309	BUSINESS POLICY
BA CJ	314	BA—CONJOINT
FIN	316	FINANCE
I BUS	324	INTERNATIONAL BUSINESS
MKTG.	326	MARKETING
O MGT	328	OPERATIONS MANAGEMENT
PERS	330	PERSONNEL AND INDUSTRIAL RELATIONS
Q METH	332	QUANTITATIVE METHODS
	334	UNDECLARED BA
U D	340	URBAN DEVELOPMENT
R INS	341	RISK AND INSURANCE
TRANS	344	TRANSPORTATION
	349	GRAD—BA

EDUCATION—COLLEGE CODE: H

EDUC	351	EDUCATION & GRAD EDUCATION
	353	ANTHROPOLOGY
	354	ART
	355	BIOLOGY
	356	BUSINESS EDUCATION
	357	CHEMISTRY
	359	DRAMA
	360	ECONOMICS
	363	ENGLISH
	364	FAR EASTERN
	365	FRENCH
	366	GEOGRAPHY
	367	GEOLOGY
	368	GERMAN
	369	HEALTH EDUCATION
	370	HISTORY
	371	HOME ECONOMICS
	372	INDUSTRIAL EDUCATION
	373	JOURNALISM
	374	LATIN
	375	MATHEMATICS
	376	MUSIC
	377	PHYSICAL EDUCATION—MEN
	378	PHYSICAL EDUCATION—WOMEN
	379	PHYSICS
	380	POLITICAL SCIENCE
	382	PRE EDUCATION
	385	PSYCHOLOGY
	386	RUSSIAN
	387	SPANISH
	388	SOCIOLOGY
	389	SPEECH EDUCATION
	390	SPEECH & HEARING THERAPY
	391	NORWEGIAN
	392	SWEDISH

ENGINEERING—COLLEGE CODE: J

A A	402	AERONAUTICS AND ASTRONAUTICS
CH E	406	CHEMICAL ENGINEERING
C E	408	CIVIL ENGINEERING
E E	410	ELECTRICAL ENGINEERING
G E	414	GENERAL ENGINEERING
HSS	416	HUMANISTIC-SOCIAL STUDIES
M E	419	MECHANICAL ENGINEERING
CER E	420	CERAMIC ENGINEERING

INDEX AND CODES

MTLE 421 MATERIALS ENGINEERING	PBAD 741 PUBLIC ADMINISTRATION	
METE 422 METALLURGICAL ENGINEERING	PBPL 742 PUBLIC POLICY	
MIN E 426 MINING ENGINEERING	SOCIAL WORK	
NUC E 428 NUCLEAR ENGINEERING	SOC W 752 SCHOOL OF SOCIAL WORK	
*If majors are the same as undergraduate majors in other colleges or schools, the same major code is used, but is identified as a major in the Graduate School by the College Code.		
RESERVE OFFICERS TRAINING PROGRAM		
A S 442 AEROSPACE STUDIES		
M SCI 444 MILITARY SCIENCE		
N SCI 446 NAVAL SCIENCE		
FISHERIES—COLLEGE CODE: K		
FISH 452 FISHERIES		
FD SC 453 FOOD SCIENCE		
FOREST RESOURCES—COLLEGE CODE: L		
FOR R 502 FOREST RESOURCES		
NURSING—COLLEGE CODE: N		
NURS 552 NURSING		
556 NURSE AFFILIATES		
PHARMACY—COLLEGE CODE: P		
PHARM 610 PHARMACY		
PH CH 612 PHARMACEUTICAL CHEM		
PH S 614 PHARMACEUTICAL SCIENCES		
PHCOG 618 PHARMACOGNOSY		
RESERVE OFFICERS TRAINING PROGRAM (See section directly after the College of Engineering.)		
SOCIAL WORK—(See Graduate School for Major [Master's Only].)		
GRADUATE SCHOOL*—COLLEGE CODE: R		
651 GRADUATE VISITING		
652 GRADUATE UNASSIGNED		
G PHY 653 GEOPHYSICS		
654 PHYSIOLOGY—PSYCHOLOGY		
655 RADIATION BIOLOGY		
656 BIOMATHEMATICS		
RAD S 657 RADIOLOGICAL SCIENCE		
658 GENERAL & COMPARATIVE PHYSIOLOGY		
C SCI 659 COMPUTER SCIENCE		
QUANTITATIVE SCIENCE IN FOREST RESOURCES, FISHERIES & WILDLIFE		
Q SCI 680 QUANTITATIVE SCIENCE IN FOREST RESOURCES, FISHERIES		
WILDLIFE SCIENCE		
WLF S 683 WILDLIFE SCIENCE		
INTER COLLEGE PROGRAMS		
BIOEN 692 BIOENGINEERING (MEDICINE & ENGINEERING)		
CONTINUING STUDIES		
CSCE 695 CONTINUING STUDIES—CIVIL ENGINEERING		
CSENG 696 CONTINUING STUDIES—ENGINEERING		
GRADUATE SCHOOL:		
LIBRARIANSHIP		
LIBR 702 SCHOOL OF LIBRARIANSHIP		
PUBLIC AFFAIRS		
P AFR 740 SCHOOL OF PUBLIC AFFAIRS		
DENTISTRY—COLLEGE CODE: U		
D HYG 800 DENTAL HYGIENE		
D MAT 802 DENTAL MATERIALS		
COM D 804 COMMUNITY DENTISTRY		
DENT 805 DENTISTRY		
DT CJ 807 DENTISTRY—CONJOINT		
ENDO 808 ENDODONTICS		
FPD 809 FIXED PARTIAL DENTURES		
ODTP 812 ORAL DIAGNOSIS AND TREATMENT PLANNING		
OPER 814 OPERATIVE DENTISTRY		
ORAL B 816 ORAL BIOLOGY		
O S 818 ORAL SURGERY		
ORTHO 821 ORTHODONTICS		
PEDO 824 PEDODONTICS		
PERIO 826 PERIODONTICS		
PROS 832 PROSTHODONTICS		
LAW—COLLEGE CODE: X		
LAW 852 LAW		
MEDICINE—COLLEGE CODE: Y		
ANEST 906 ANESTHESIOLOGY		
HUBIO 907 HUMAN BIOLOGY		
BIOC 908 BIOCHEMISTRY		
B STR 909 BIOLOGICAL STRUCTURE		
BI HS 910 BIOMEDICAL HISTORY		
CONJ 911 CONJOINT		
EXP A 912 EXPERIMENTAL ANIMAL MED		
MED P 913 MEDICAL PRACTICE		
MED T 914 MEDICAL TECHNOLOGY		
MED 915 MEDICINE		
MICRO 916 MICROBIOLOGY		
NR 917 NEUROLOGICAL SURGERY		
OB GY 919 OBSTETRICS & GYNECOLOGY		
O T 920 OCCUPATIONAL THERAPY		
OPHTH 921 OPHTHALMOLOGY		
ORTHP 922 ORTHOPEDICS		
OTOL 923 OTOLARYNGOLOGY		
PATH 924 PATHOLOGY		
PEDS 925 PEDIATRICS		
PHCOL 926 PHARMACOLOGY		
PM&R 928 PHYS MED & REHAB		
P T 930 PHYSICAL THERAPY		
P BIO 932 PHYSIOLOGY AND BIOPHYSICS		
P MED 934 PREVENTIVE MEDICINE		
PSYC 936 PSYCHIATRY		
RADGY 938 RADIOLOGY		
SURG 941 SURGERY		
UROL 946 UROLOGY		

BUILDING ABBREVIATIONS

Used on Official Programs

AMY ARMORY	FRH FRIDAY HARBOR	MLR MILLER HALL
AND ANDERSON HALL	FRR FIRE ARTS BUILDING	MOR MORE HALL
ARA ARCHITECTURE ANNEX	GCR GOLF COURSE	MRN MARINE SCIENCE BUILDING
AR2 ARCHITECTURE ANNEX 2	GDR GOLF DRIVING RANGE	MUS MUSIC BUILDING
ARC ARCHITECTURE HALL	GEB GENERAL ENGINEERING BUILDING	NRB NUCLEAR REACTOR BUILDING
ART ART BUILDING	GPH GEOPHYSICS ANNEX	NX2 NURSING ANNEX 2
ATA ATMOSPHERIC SCI ANNEX	GRH OLD BOTANY GREENHOUSE	NX3 NURSING ANNEX 3
ATS ATMOSPHERIC SCI BLDG	GTH GUTHRIE HALL	OBS OBSERVATORY
BAG BAGLEY HALL	GUG GUGGENHEIM HALL	OCB OCEANOGRAPHY BARGE
BLM BALMER HALL	HAG HENRY ART GALLERY	OCE OCEANOGRAPHY BUILDING
BNS BENSON HALL	HEP HIGH ENERGY PHYSICS LAB	OCN OCEANOGRAPHY TEACHING BUILDING
CDH CONDON HALL	HMH HOME MANAGEMENT HOUSE	OCX OCEANOGRAPHY ANNEX
CHS COACH HOUSE	HSB HEALTH SCIENCES BLDG	PAR PARRINGTON HALL
CLK CLARK HALL	HUB STUDENT UNION BUILDING	PCH PURCHASING BLDG
CL8 CLINIC 8	HUT HUTCHINSON HALL	PDL PADELFOORD HALL
CMU COMMUNICATIONS BLDG	HYD HARRIS HYDRAULICS LABORATORY	PHY PHYSICS BUILDING
CNH CANOE HOUSE	ICD INSTITUTE OF CHILD DEVELOPMENT (PSYCH DEV LAB)	PH3 PHYSICS ANNEX 3
CRH CREW HOUSE	IMA INTRAMURAL ACTIVITIES BUILDING	PLH GLENN HUGHES PLAYHOUSE
CYB CYCLOTRON BUILDING	JHN JOHNSON HALL	PR1 PARRINGTON ANNEX 1
DEN DENNY HALL	LIB SUZZALLO LIBRARY	PR4 PARRINGTON ANNEX 4
DQH DRAMA QUONSET HUT	LOW LOEW HALL	PR5 PARRINGTON ANNEX 5
DRG DRUG LABORATORY	MEB MECHANICAL ENGINEERING BUILDING	PR6 PARRINGTON ANNEX 6
DTV DRAMA-TV BUILDING	MKZ MACKENZIE HALL	PRA PARRINGTON ANNEX A
EDP EDMUNDSON PAVILION		PRB PARRINGTON ANNEX B
EEB ELECTRICAL ENGINEERING BUILDING		PTH PENTHOUSE
EGA ENGINEERING ANNEX		RAI RAITT HALL
EGL EAGLESON HALL		ROB ROBERTS HALL
FIS FISHERIES CENTER		

SAV SAVERY HALL
SHB SHOWBOAT
SMI SMITH HALL
SPC SPEECH CLINIC

TGB TUBBY GRAVES BUILDING
THO THOMSON HALL
UWH UNIVERSITY HOSPITAL
WCL WILSON CERAMIC
LABORATORY

WFS WINKENWERDER FOREST
SCIENCE BUILDING
WLS WILSONIAN BALLROOM
WSM WASHINGTON STATE
MUSEUM

COURSE CHANGES*

The following pages describe:

1. NEW COURSES. These courses have been added to the University curriculum since publication of the 1967-69 *General Catalog*, therefore, they are not described in the catalog. They are not necessarily being offered in the quarter covered by this Time Schedule.

2. CHANGES IN COURSE NUMBER (CHG). Descriptions of these courses are found in the 1967-69 *General Catalog* under the former number, which is indicated here. Use the *new* course number on your Official Program.

Courses listed here are those formally approved as of July 18, 1968.

* For courses and changes approved as of September 20, 1968, see page 45.

COLLEGE OF ARCHITECTURE AND URBAN PLANNING

ARCHITECTURE

CHG

150 Replaces 100

CHG

151 Replaces 101

NEW

152 Environmental Design Professions (3)

Survey of professional role in shaping physical environment.

CHG

300, 301, 302 Introduction to Design—Laboratory (4, 4, 4) Replace 124, 125, 126

Laboratory in design theories and processes: the technological, social-behavioral, and visual-aesthetic determinants of design, involving methods of programming, systems analysis, and visual communication. Prerequisite, permission.

CHG

305, 306, 307 Introduction to Design (1, 1, 1) Replace 124, 125, 126

Lectures in design theories and processes: the technological, social-behavioral, and visual-aesthetic determinants of design, involving methods of programming, systems analysis, and visual communication. Prerequisite, permission.

CHG

310, 311, 312 Introduction to Design Graphics (1, 1, 1) Replace 124, 125, 126

Lectures in theories and processes of graphic communication for designers: lettering, drafting, photography organization for communication, multi-view drawing, sketching, media, etc. Prerequisite, permission.

CHG

320 Introduction to Structural Theory I (3) Replaces 276

Vectors, equilibrium of forces, graphic and analytical study of force systems, load tracing in buildings. Prerequisite, Mathematics 125.

CHG

321 Introduction to Structural Theory II (3) Replaces 277

The nature of structural materials, their reactions to forces and force systems, their strengths and elastic properties. Methods of

designing and joining structural members. Prerequisite, 320.

CHG

322 Introduction to Structural Theory III (3) Replaces 278

Simple building structural elements and systems. Beams and posts. Trusses. Introduction to lateral force and vertical force-resisting systems. Prerequisite, 321.

NEW

330 Introduction to Building Methods, Materials and Assemblies I (2)

Introduction to the requirements for the development of the built environment; a survey of the built environment's response to human physiological needs, natural and unnatural physical phenomena.

NEW

331 Introduction to Building Methods, Materials and Assemblies II (2)

Introduction to the life systems of the built environment: a survey of man's fundamental concepts and methods for the control and modification of the natural physical environment. Prerequisite, 330.

NEW

332 Introduction to Building Methods, Materials and Assemblies III (2)

Introduction to the physical structuring of the built environment; a survey of man's fundamental concepts and methods for building, the conversion of raw material into building components, the assembly process, the maintenance of the built environment. Prerequisite, 331.

CHG

340 Environmental Awareness: Ecosystems (3) Replaces 110

Introduction to general concepts of systems and an interdisciplinary development of concepts and problems of human and physical ecology.

NEW

341 Environmental Appreciation (3)

Survey of the sensory and intellectual qualities of the environment. Prerequisite, 340.

NEW

342 Environmental Awareness: Prognostics (3)

The future of the environment—forces and problems, techniques and tools, the environmental design professions and emerging alternative environments.

NEW

350 Survey of Environmental Arts I (3)

A survey of city form, landscape architecture, and architecture from earliest times to circa 1150.

NEW

351 Survey of Environmental Arts II (3)

A survey of the city form, landscape architecture, and architecture from circa 1150 to 1750. Prerequisite, 350.

NEW

352 Survey of Environmental Arts III (3)

Survey of city form, landscape, and architecture from circa 1750 to the present. Prerequisite, 351.

CHG

380 Materials and Their Uses (3) Replaces 330

CHG

400, 401, 402 Introduction to Architectural Design Laboratory (1, 1, 1) Replace 224, 225, 226

Laboratory in architectural theories and processes: the technological, social-behavioral, and visual-aesthetic determinants of architecture, treated as components of design synthesis. Prerequisite, 302.

CHG

405, 406, 407 Introduction to Architectural Design (1, 1, 1) Replace 224, 225, 226

Lectures in architectural theories and processes: the technological, social-behavioral, and visual-aesthetic determinants of architecture, treated as components of design synthesis.

CHG

410, 411, 412 Architectural Graphics (1, 1, 1) Replace 224, 225, 226

Lectures in theories and processes of architectural graphics: perspective and axonometric drawing, rendering, light and shadow, sketching, computer graphics, etc. Prerequisite, 312.

CHG

420 Structural Design I (4) Replaces 376

Design of complete building frames in timber, laminated wood, and steel, considering earthquake resistance, building response, continuity, and the structural design process. Prerequisite, 322.

*Turn to page 45 for newest courses and course changes.

- CHG**
421 Structural Design II (4) Replaces 377
 Development of basic reinforced and pre-stressed concrete design process, and design of continuous structures in reinforced concrete, employing beams, girders, and slabs. Prerequisite, 420.
- CHG**
422 Structural Design III (4) Replaces 378
 Design of concrete structures: including flat slabs and plates, columns, footings, shear walls, and retaining walls. Prerequisite, 421.
- NEW**
430 Environmental Control Systems I (3)
 Investigation and evaluation of methods of analysis, established theories for environmental control; climate control systems, illumination and daylighting systems, sound control systems, mechanized and unmechanized circulation systems, safety systems, communication systems, waste removal and discharge systems. Prerequisite, 332.
- NEW**
431 Integrated Building Systems I (3)
 Investigation and evaluation of the integrated building process; components, subassemblies, structural systems, environmental control systems, integrated structural environmental control systems. Investigation and evaluation of material for building. Prerequisite, 430.
- NEW**
432 Integrated Building Systems II (2)
 Investigation and evaluation of the integrated building process; production, fabrication, assembly, post-assembly evaluation. Investigation and evaluation of materials for building. Prerequisite, 431.
- CHG**
434 Mechanical Equipment of Buildings—Plumbing and Sanitation (2) Replaces 235
- CHG**
435 Mechanical Equipment of Buildings—Electrical (2) Replaces 236
- CHG**
436 Mechanical Equipment of Buildings—Heating and Ventilating (2) Replaces 237
- CHG**
450 Replaces 400
- CHG**
451 Replaces 303
 Prerequisite, 352.
- CHG**
452 Replaces 333
 Prerequisite, 352.
- CHG**
453 Architecture of the Ancient World (3) Replaces 200
 Architecture of the ancient and classical cultures from earliest times through the time of Constantine. Prerequisite, 352 or permission.
- CHG**
454 Romanesque and Gothic Architecture (3) Replaces 201
 Architecture of Western Europe from the decline of the Roman Empire through the fifteenth century. Prerequisite, 352 or permission.
- CHG**
455 Renaissance and Baroque Architecture (3) Replaces 202
 Architecture of Western Europe from circa 1350 to 1750. Prerequisite, 352 or permission.
- CHG**
460 Replaces 360
 Prerequisite, 352 or permission.
- NEW**
470 Production Management I (2)
 Investigation and evaluation of office production management methods; production development, production drawings, contract documents, construction administration, construction cost control, post construction evaluation. To be taken concurrently with 432.
- NEW**
477J Model Techniques for Structural Design (3)
 The theory and practice of model study as applied to the preliminary design of architectural structures. Offered jointly with Civil Engineering. Prerequisite, 378 or permission.
- CHG**
480, 481, 482 Contract Drawings (3, 3, 3) Replace 430, 431, 432
- CHG**
500, 501 Architectural Design Laboratories (6, 6) Replace 324, 325
 Theories and processes in architectural design, with emphasis on development of professional skills in architectural synthesis. Prerequisite, 402.
- CHG**
502 Architectural Studies Options (6) Replaces 326
 A group of advanced architectural studies courses and sequences in general architectural synthesis and in special projects, examining particular architectural determinants in detail. Prerequisite, permission.
- CHG**
503, 504, 505 Architectural Studies Options (6, 6, 6) Replace 424, 425, 426
 A group of advanced architectural studies courses and sequences in general architectural synthesis, in special projects examining particular architectural determinants in detail, and in architectural research. Prerequisite, permission.
- CHG**
506 Advanced Visual Design (2) Replaces 414
 Prerequisite, 302 or permission.
- CHG**
507 Graphic Representation and Simulation (2) Replaces 415
 Representation of objects and space employing traditional, figurative, and abstract idioms. Prerequisite, 302 or permission.
- CHG**
508 Replaces 416
 Prerequisite, 302 or permission.
- NEW**
510 Design Graphics I (3)
 Laboratory work in observation and monochromatic freehand drawing of geometric and non-geometric form in direct media. Prerequisite, permission.
- NEW**
511 Design Graphics II (3)
 Laboratory work in monochromatic drawing of geometric and non-geometric form in varied media. Prerequisite, 510.
- NEW**
512 Design Graphics III (3)
 Laboratory work in freehand polychromatic representational drawing of geometric and non-geometric form in transparent and opaque color. Prerequisite, 511.
- NEW**
513 Design Communication I (3)
 Historical survey of design illustration and work in application to current design solution explanation. Prerequisite, permission.
- NEW**
514, 515 Design Communication II, III (3,3)
 Survey of contemporary professional practice in design and solution presentation; field trips to current design presentation events. Individual research projects in graphic drawing, photography scale models, advanced photography, mechanical and electronic aids towards a synthesis of design solution communication. Prerequisites, 513 for 514; 514 for 515.
- CHG**
520 Advanced Structural Design (3) Replaces 476
 Identification and study of the basic mechanisms of resistance to forces of all structural types; building case studies emphasizing the fundamental design approach. Prerequisite, 422.

- CHG**
521 Structural Design Through Model Studies (3) Replaces 477J
 Theory of models, dimensional analysis, direct model analysis; studies employing specific materials, techniques of testing and measurement.
- CHG**
522 Skin-Resistant Structures (3) Replaces 478
 Resistance mechanisms, structural systems employing plates, folded plates, shells, and membranes, with applications to the structural design process. Prerequisite, 422.
- NEW**
523 Industrialized Building Systems (3)
 Consideration of the evolution of prefabrication, building products, components, construction methods, and building systems through the nineteenth and twentieth centuries. Prerequisite, permission.
- NEW**
530 Environmental Control Systems II (3)
 Detailed studies in building equipment systems. Simulation of comparative conditions, experiment and investigation of contemporary practices and standards, extrapolations; heating, ventilating, and air conditioning systems, water and energy supply systems, waste removal and discharge systems. Prerequisite, 430.
- NEW**
531 Environmental Control Systems III (3)
 Detailed studies in building equipment systems. Simulation of comparative conditions, experiment and investigation of contemporary practices and standards, extrapolations; illumination systems, sun control systems, acoustical control systems, communication systems, mechanical circulation systems. Prerequisite, 430.
- NEW**
532 Integrated Building Systems III (3)
 Detailed studies in integrated building systems. Simulation of comparative conditions, experiment and investigation of contemporary practices and standards, extrapolations; integrated structural or environmental control systems, and materials for building. Prerequisites, 432, 470. To be taken concurrently with 570.
- CHG**
535 Replaces 338
 Prerequisite, 432.
- CHG**
536 Replaces 339
 Prerequisite, 432.
- NEW**
550, 551 Graduate Seminar: Environmental Design Issues (1-3, max. 3 each)
 Seminars concerning a wide variety of issues in the area of environmental design. Each seminar focuses on a different specific topic and is directed by a seminar leader who is an authority in his field. Prerequisite, graduate standing or permission.
- NEW**
570 Production Management II (3)
 Investigation and development of advanced office production management methods; schematic development, design development, construction documents, construction administration, post construction evaluation. Prerequisites, 402, 432, 470. To be taken concurrently with 532.
- CHG**
571 Replaces 370
 Prerequisite, 470.
- CHG**
572 Specifications and Contracts (3) Replaces 369
 Construction documents—detailed organization and composition of contracts, specifications, and related contract documents. Prerequisite, 470.
- CHG**
573 Professional Practice (3) Replaces 468
 Introduction to the architectural office, business operation, and professional practice. Prerequisite, 470.
- CHG**
575, 576, 577 Replace 531, 532, 533
- NEW**
578 Computer Applications in Architecture (3)
 Studies of feasibility and the application of computer programs and automated systems for the building design process. Prerequisite, permission.
- ***
- URBAN PLANNING**
- NEW**
201 Urban Planning Projects I (2)
 Laboratory for discussion and analysis of selected economic, social, political, and design aspects as applied to contemporary urban planning problems. Prerequisite, sophomore standing.
- NEW**
300 Social and Institutional Determinants for Physical Planning (3)
 Analysis of population, locational, and other factors for application in the preparation of physical plans. Prerequisite, junior standing.
- NEW**
425 Introduction to Urban Planning (3)
 Identification of the framework, central concepts, constraints, and issues of the urban transportation planning problem. Offered jointly with Civil Engineering.
- NEW**
460 Metropolitan Area Government (5)
 Conceptual problems in metropolitan analysis; urban governmental systems; regional political decision-making structures; metropolitan, state, and federal relations; value implications of formal organization.
- NEW**
490 Urban Planning Policies and Programs (3)
 Urban planning policies and programs. Goals, processes of policy formulation, methods of planning, effectuation, and related problems. Community, regional, state, and national programs. Prerequisite, 480 or permission.
- NEW**
498 Special Topics (2-4)
 Systematic study of specialized subject matter. Topic for each quarter varies, depending upon current interest and needs, and is announced in the preceding quarter. Prerequisite, permission.
- NEW**
525 Transportation and Land-Use Planning (2)
 Theory underlying land-use and transportation-planning models. Past attempts to model urban development. Modelling of alternatives. Forecasting technological innovations, assessing their land-use implications. Prerequisites. Civil Engineering 521 and permission.
- CHG**
551 Regional Planning Seminar (3) Replaces 551J
 Regional planning and development theories and methodologies. Critical evaluation of regional planning in selected "economically advanced" and "lesser developed countries." Offered jointly with Urban Planning. Prerequisites, 451J and graduate standing.
- NEW**
579 Comparative Urbanism (3)
 Characteristics and problems of urbanization in the world; comparisons of origins and development; physical form, land utilization, and planning. Selected major cities. Prerequisite, graduate standing in urban planning or permission.
- NEW**
598 Special Topics (2-4)
 Systematic study of specialized subject matter. Topic varies for each quarter, depending upon current interest and needs, and is announced in the preceding quarter. Prerequisites, second-year graduate standing and permission.

COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY

- NEW**
205 Principles of Archaeology (5)
 Introduction to the aims of archaeology and methods of reconstructing prehistory. Significance of various methods of food collection and food production, of domestication of plants and animals, and of agricultural systems. Technique of dating archaeological remains.

- NEW
211 Afro-American Culture (3)
 The historical development and nature of Afro-American culture in the United States, including discussion of the Atlantic slave trade, slavery as a social institution, the evolution of black folk culture and contemporary Afro-American urban culture.
- NEW
225 Community Development and Action (3)
 The use of concepts and examples of directed culture change to analyze community action and community development. Lectures will be supplemented by case studies, films, and discussions with those who are actually working with directed culture change.
- NEW
281 Afro-Americans: Social Biology of the American Negro (3)
 African source areas, distribution, and biology of negroes in the Americas, with special emphasis on the United States. Race mixture, racial laws, and negro reactions. Racial composition, growth patterns, body build, climatic stresses, and disease susceptibilities. Prerequisite, sophomore standing.
- NEW
282 African Origins: Human Biology of Sub-Saharan Africa (3)
 Origin and biological nature of the peoples of Africa south of the Sahara, with emphasis upon the influences of ecology, disease, and nutrition. Race mixture, growth, and development, physique, heat stress physiology, and genetics. Prerequisite, sophomore standing.
- NEW
301 Human Nature and Culture (3)
 The sources of variation in the physical type, customs, values, and beliefs of human groups. Appraisal of the anthropological notion of "cultural relativism."
- CHG
303 Replaces 203
- CHG
304 Replaces 273
- CHG
313 Replaces 213
- NEW
316 South Asia (3)
 Major cultural features of the Indian and Pakistan subcontinent.
- CHG
321 Replaces 211
- CHG
322 Replaces 215
- NEW
343J Art of the Northwest Coast Indian (3)
 Northwest Coast Indian art, with emphasis on the structure and style of two-dimensional art of the northern tribes. Offered jointly with Art.
- NEW
345J Art of the Northwest Coast Indian (3)
 Northwest Coast Indian art as related to drama and dance, with special attention to the Southern Kwakiutl. Offered jointly with Art.
- NEW
401 West African Societies (3)
 Detailed analysis of social and cultural features, including the Western Sudan area. Prerequisite, 202 or permission.
- NEW
402 Societies of Eastern and Southern Africa (3)
 The historical background and contemporary life of cultural groups in eastern and southern Africa, with special study of selected cases of political and economic organization and culture change. Prerequisite, 202 or permission.
- NEW
404 Mainland Southeast Asian Societies (5)
 Intensive treatment of the kinship systems, religious institutions, ecology, and socio-political systems of the people of mainland southeast Asia. Prerequisite, 202 or permission.
- NEW
405 Comparative Social Anthropology of Malay Peoples (4)
 A seminar for advanced undergraduates and for graduate students involving a comparison of the social institutions and ethnohistory of Malay peoples in western Austronesia. The problem of identifying, and accounting for, possible structural continuities and variations involving two approaches: (1) Specific analyses of social institutions as described in the anthropological literature. (2) Analysis of ecological, historical, and ethnohistorical data. Prerequisite, 202 or permission.
- NEW
408 New Guinea Societies (5)
 Indigenous peoples of coastal and interior New Guinea. Aboriginal cultures and modern development in historical perspective. Intensive study of selected general problems of ethnographic method and ethnological and sociological interpretation, based on principal monographic literature. Prerequisite, 202 or permission.
- NEW
409 Western Austronesian Societies (3)
 Comparative social anthropology of the social systems of Micronesia, Polynesia, and the eastern islands of Melanesia, with special attention to the small communities inhabiting low coral atolls. Prerequisite, 202 or permission.
- CHG
416 Replaces 210
- NEW
418 Meso-American Society (3)
 Analysis of the social and cultural features of Meso-America. Prerequisite, 202 or permission.
- NEW
426 Peasant Culture and Society (5)
 Survey of current methodological and theoretical approaches to the study of peasant society and culture. Comparative analysis of selected cases illustrating the relationship of peasant societies to other types of social systems. Prerequisite, 202 or permission.
- NEW
429 Expressive Culture (5)
 An anthropological view of the expressive aspects of culture: plastic-graphic arts, myth and folktale, music, dance, humor and tragedy, play and games. Prerequisite, 202 or permission.
- NEW
430 Music: An Anthropological View (3)
 Consideration of music in its social context, change and continuity in music traditions, and basic structure in music, with some consideration of problems of field work in ethnomusicology. Prerequisite, 202 or permission. Offered alternate years.
- NEW
431 Primitive Literature (3)
 Mythology and folktales of nonliterate peoples. Theories of interpretation or oral literature as they apply to theories of culture growth and diffusion.
- NEW
432 Visual Anthropology (3)
 The place of photography and films in ethnography; their use in the documentation and interpretation of cultural and social systems. Prerequisite, 202 or permission.
- NEW
436 Social Anthropology of Religion (5)
 A comparative social anthropological study of religious systems. Deals with the major theoretical approaches derived from the cultural evolutionists and from Marx, Freud, Durkheim, and Weber. Substantive discussions and interpretations of various aspects of comparative religion: ritual, myth, rites of passage, magic, witchcraft and sorcery, mana and taboo, sacrifice, religious specialists, etc. Problems of definition, method, and theory. Prerequisite, 202 or permission.
- NEW
439 Primitive Law and Social Control (5)
 Juridical activities in preliterate societies. Relation of law to religion, politics, and social structure. Prerequisite, 202 or permission.
- CHG
456, 457, 458 Basic Swahili (5, 5, 5)
 Replace 466, 467, 468

- NEW**
459 Types and Techniques of Transcription (3)
 Analysis of aims and problems in the written symbolization of structured data. Emphasis on field transcription of human movement, music, and languages. Prerequisite, 202 or permission.
- NEW**
461J Morphology and Syntax (3)
 Study of the structuring of meaningful elements in language; practical experience with a wide variety of languages; taxonomic and generative views of grammar; field techniques. Offered jointly with Linguistics. Prerequisite, Linguistics 400 (may be taken concurrently) or permission.
- NEW**
464 Bantu Linguistics (2)
 A general survey of the development of Bantu linguistics with special emphasis on comparative Bantu phonology, morphology, and syntax. Prerequisite, permission of instructor.
- NEW**
466, 467, 468 Intermediate Swahili (3, 3, 3)
 Reading of more complicated material from prose to traditional poetry. Emphasis on acquiring an ability to manipulate ideas in Swahili orally and written. Review of structure. Prerequisites, 456, 457, 458 (formerly 466, 467, 468).
- NEW**
469 Special Studies in Anthropology (3)
 The delineation and analysis of a specific problem or related problems in anthropology. To be offered occasionally by visiting faculty. May be repeated for credit by permission. Prerequisite, permission of departmental advisers.
- CHG**
473 Replaces 417
- NEW**
475 Archaeology of the Mayan Civilization (3)
 Pre-Hispanic culture history of the Mayan peoples in Guatemala, the Yucatan Peninsula, Honduras, and Chiapas (Mexico). Prerequisite, 205 or permission.
- ***
- CHG**
480-481 Primate Anatomy: Structure and Function (5-5) Replace 480, 481
- NEW**
483 Primate and Human Growth (3)
 Genetics of growth and growth and maturation in experimental primates and man. Emphasis is on effect of the total environment upon growth processes, with special reference to non-Western human societies. Prerequisites, 201 and/or Zoology 111-112, and/or Biology 210, 211, 212; Genetics 351 or 451; Zoology 456 or Biological Structure 404; statistics, or permission.
- NEW**
483L Primate and Human Growth Laboratory (2)
 Laboratory dealing with current methods utilized to assess growth and development. Must be accompanied by 483. Prerequisites, 201 and/or Zoology 111-112 and/or Biology 210, 211, 212; Genetics 351 or 451; Zoology 456 or Biological Structure 404; statistics, or permission.
- NEW**
484 Primate and Human Variation (5)
 Discussion of the morphological, physiological, and genetic variability of living primate and human populations, with special reference to adaptation. Adaptive responses to selective pressures engendered by the total environment are stressed. Prerequisites, 201 or Zoology 111-112, or permission.
- CHG**
485 Primate and Human Evolution (3) Replaces 380
 Discussion of living forms and the fossil record with reference to the nature of primate evolution. Morphological, genetic, and behavioral data are used to appraise taxonomy of living primates and their phylogenetic implications. Special emphasis is placed on the evolution of the hominids and their cultures. Prerequisites, 201 or Zoology 111-112, or permission.
- NEW**
490 Problems in Social Structure (3)
 Selected current problems in the study of social structure. Prerequisites, 202 and 20 additional credits in anthropology.
- NEW**
492 Data Analysis in Anthropology (3)
 An introduction to elementary manual and semi-automated techniques for the processing, organization, and analysis of typical anthropological data. Lectures, demonstrations, class projects. Prerequisites, 202, 20 additional credits in anthropology, and permission.
- NEW**
493 Advanced Topics in Expressive Culture (3)
 Analyses of special domains of aesthetic expression, such as plastic and graphic arts, oral literature, dance, and humor among non-Western peoples. Prerequisites, 202, 229, 450 (or 453J), and permission.
- NEW**
494 Problems in the Social Anthropology of Religion (3)
 Selected current problems. Prerequisites, 202, 436, 15 additional credits in anthropology, and permission.
- NEW**
495 Advanced Problems in Ethnology (3)
 One or more current problems in ethnology. Seminar format. Prerequisites, 25 credits in anthropology and permission.
- CHG**
496 Replaces 443
- NEW**
497 Theory and Method in Archaeology (3)
 Examination of theoretical contrasts in the analysis of archaeological data. Terminology, typology, and interregional comparisons. Prerequisites, 205, 20 additional credits in anthropology, and permission.
- NEW**
498 Advanced Topics in Physical Anthropology (3, max. 9)
 A series of seminars on different aspects of physical anthropology. Prerequisite, permission of instructor.
- NEW**
550 Field Text Recording (3)
 Training in verbatim recording in non-Western connected speech such as myth and geographical dictations, especially designed for sociocultural anthropologists who are shortly leaving for a long session of field research, rather than for linguists.
- NEW**
575 Strategy of Archaeology (3)
 A systematic examination of the methodology and elementary techniques of archaeology for the objective of prehistory, and to acquaint the student with sources of material and techniques of wide applicability in the field situation.
- NEW**
579 Seminar in Underwater Archaeology (3)
 Seminar on problems and practice of archaeology under water. Includes world survey of types of sites, problems of working in underwater environment, methods, principles, what has been accomplished to date, and possible projects in Northwest America. Prerequisites, 270, 370, 371, 571, or permission.
- NEW**
581 Dental Anthropology (3)
 An intensive survey of the dentitions of primates from tree shrews to man. Emphasis will be placed on the range of metric and morphologic variability existing in the teeth of these animals, both in fossil and living groups. Environmental and genetic factors will be considered within this ontogenetic and phylogenetic framework. Prerequisite, permission.
- NEW**
583 Topics in Growth and Development (3, max. 9)
 Seminar dealing with various topics of child growth and development. Topics to change from quarter to quarter. Prerequisite, 483 or permission.
- ART**
NEW
250 Design and Materials: Textiles—Printing and Dyeing (3)
 Printing and dyeing of textiles. Techniques include block printing, batik, tie and dye, discharging. Prerequisites, 107, 110, 129.

- NEW
251 Design and Materials: Glass (3)
 Fusing, forming, laminating, and surface treatments of glass. (Glass-blowing excluded.) Prerequisites, 107, 110, 129.
- NEW
252 Design and Materials: Plastics (3)
 Forming, joining, and casting of plastics. Prerequisites, 107, 110, 129.
- NEW
253 Design and Materials: Wood (3)
 Shaping and forming of wood. Lamination and fabricating techniques. Usage of hand and power tools. Prerequisites, 107, 110, 129.
- NEW
254 Design and Materials: Metal (3)
 Basic techniques in manipulation and construction of metals. Visual, tactile, and aesthetic aspects. Prerequisites, 107, 110, 129.
- NEW
255 Design and Materials: Textile Construction (3)
 Knotting, hooking, stitching, and other non-woven constructional techniques with a variety of textile fibers. Prerequisites, 107, 110, 129.
- NEW
258 Painting (3)
 Beginning painting. Prerequisite, 257.
- NEW
307, 308 Intermediate Painting (3, 3)
 Intermediate painting. Prerequisites, 258 for 307; 307 for 308.
- CHG
319 Baroque and Rococo Art (5)
 Replaces 494
 The arts and architecture of Europe from the end of the sixteenth century to the latter half of the eighteenth century. Prerequisite, sophomore standing or permission.
- NEW
328 The Film as Art (2)
 The historical development of film as an aesthetic medium with an emphasis on pivotal film makers and their unique contribution to the art of film.
- NEW
335, 336 Metal Casting (3, 3)
 Introduction to foundry techniques as applied to fine arts casting of nonferrous material. Prerequisites, 274; 335 for 336.
- NEW
337, 338 Welding (3, 3)
 The study and application of welding methods as a sculpture technique-making use of oxy-acetylene, electric arc, and heliarc. Prerequisites, 274; 337 for 338.
- NEW
339 Film Making (5, max. 15)
 Fundamentals of camera techniques: lens, lighting, meter reading, filming, speeds, film types, cinematic movement, camera movement. Fundamentals of film editing, splicing and timing, sound recording and synchronizing. Prerequisite, junior standing in art or instructor's approval.
- NEW
343J Art of the Northwest Coast Indian (3)
 Northwest Coast Indian art, with emphasis on the structure and style of two-dimensional art of the northern tribes. Offered jointly with Anthropology.
- NEW
344J Art of the Northwest Coast Indian (3)
 Three-dimensional art of the Northwest coast culture area, with emphasis on aesthetic principles, techniques, cultural functions. Offered jointly with Anthropology.
- NEW
345J Art of the Northwest Coast Indian (3)
 Northwest Coast Indian art as related to drama and dance, with special attention to the Southern Kwakiutl. Offered jointly with Anthropology.
- NEW
405 History of American Art: Colonial Period (3)
 A survey of architecture, town design, painting, sculpture, and the decorative arts in the United States from original European settlement to the Revolutionary War. Prerequisite, junior standing.
- NEW
416 Art in France: Henri IV–Louis XVI (3)
 Architecture, painting, sculpture, decoration. The classic ideal: formation, zenith, extinction around 1700, and rebirth in the later eighteenth century. Main points: Versailles, Watteau, the decorators of the rococo, and tendencies of the period after 1750. Prerequisite, 319 or permission of the instructor.
- NEW
417 Dutch Painting of the Golden Age (3)
 The genesis, development, and decline of painting in the United Province, from their independence in 1581 to the end of the seventeenth century. Emphasis upon the anti-mannerist reaction in Utrecht, Frans Hals, Rembrandt, and the origins of Dutch genre traditions. Prerequisite, 319 or permission of the instructor.
- NEW
418 Masters and Monuments of Counter-Reformation Rome (3)
 The works and impact of the major architects, sculptors, and painters active in Rome from the death of Michaelangelo to the death of Bernini (1564-1680). Concentration upon Caravaggio, Bernini, Pietro da Cortona, Pousin, and Borromini. Prerequisite, 319 or permission of the instructor.
- NEW
429 Early Chinese Painting: T'ang to Yuan (3)
 A study of the changing styles and attitudes accompanying the development of painting (particularly landscape painting) in China from earliest times. Prerequisite, upper-division standing.
- NEW
430 Later Chinese Painting: Yuan Through Ch'ing (3)
 Chinese painting from a time when the study of individual masters becomes the main task at hand. Prerequisite, upper-division standing.
- NEW
431 Early Japanese Painting: Twelfth to Sixteenth Centuries (3)
Yamato-e and the art of the illustrated handscroll of Heian and Kamakura times, and the ink landscape tradition associated with Shubun and Sesshu. Prerequisite, upper-division standing.
- NEW
432 Later Japanese Painting: Sixteenth to Nineteenth Centuries (3)
 A survey of later Japanese painting with emphasis on the art of the Kano, Sotatsu-Korin, Shijo-Maruyama, and Nanga schools. Prerequisite, upper-division standing.
- NEW
433 Buddhist Painting of China and Japan (3)
 A survey of Buddhist painting in China and Japan from the fifth century until circa 1300. Prerequisite, upper-division standing.
- NEW
434 Buddhist Sculpture of China and Japan (3)
 A survey of Buddhist sculpture in China and Japan from the fifth century until circa 1300. Prerequisite, upper-division standing.
- NEW
435 Chinese and Japanese Architecture (3)
 Religious and secular architecture of China and Japan, with emphasis on Japanese temples and shrines. Prerequisite, upper-division standing.
- NEW
440 Primitive Art I (3)
 The arts of Meso-America, South America, and Oceania.
- NEW
441 Primitive Art II (3)
 The arts of New Guinea, Australia, and Africa. Prerequisite, 440.
- NEW
442 Arts of Sub-Saharan Africa I (3)
 The tribal arts of the Western Sudan and the Western Guinea Coast with their archaeological antecedents.

NEW

443 Arts of Sub-Saharan Africa II (3)

The tribal arts of the Central Guinea Coast, Nigeria, the Cameroons, and Gabon.

NEW

444 The Arts of Sub-Saharan Africa III (3)

The tribal arts of the Congo, Southern Savannah, and clusters of artistic traditions outside of generally defined artistic maps of Africa. Prerequisite, 442 or 443.

NEW

469 Early Renaissance Sculpture (3)

The sculpture of the late thirteenth, fourteenth, and fifteenth centuries in the Florentine tradition. Prerequisites, 212 and 213, or equivalent background.

NEW

478 Sixteenth-Century German Painting (3)

The leading masters of sixteenth-century German art including Durer, Grunewald, Lucas, Cranach, and their followers.

NEW

483 Art in Provence (5)

Monuments in and around Avignon. Emphasis upon Roman and Romanesque architecture and sculpture, later medieval French painting, great works of all periods and countries in regional museums, and the Provencal landscape of Cezanne, Van Gogh, and Gauguin. Prerequisite, permission.

NEW

488 Romanesque Art I (3)

The history of early medieval art (architecture, sculpture, painting, the decorative arts), from Carolinian times through the twelfth century. Prerequisite, upper-division standing.

NEW

489 Romanesque Art II (3)

Intensive study of the high Romanesque style, including the art, architecture, and related monuments of the pilgrimage roads to Compostela. Prerequisite, 488.

NEW

578 Seminar in North European Art (3, max. 9)

Problems of style and iconography of the northern European masters of the fourteenth through fifteenth centuries. Prerequisite, permission of the instructor.

NEW

594 Seminar in Baroque Art (3, max. 9)

Iconographic and stylistic problems of the art of the Baroque period with emphasis on the principal research methods, theories, and types of literature dealing with the art of the seventeenth and eighteenth centuries in Europe. Prerequisite, 494.

ARTS AND SCIENCES

Numbers under this heading are reserved by the College of Arts and Sciences for curriculum innovations.

NEW

101, 102, 103, 104, 105, 106 Perspectives and Issues (3-5 each)

Courses intended for lower-division students and offered by faculty from various departments of the University on topics not otherwise offered in the courses of the various departments. Topics may include issues or concepts transcending the province of a single discipline and will vary from one quarter to another.

NEW

401, 402, 403, 404, 405, 406 Perspectives and Issues (3-5 each)

Courses intended for upper-division and graduate students and offered by faculty from various departments of the University on topics not otherwise offered in the courses of the various departments. Topics may include issues or concepts transcending the province of a single discipline and will vary from quarter to quarter. Prerequisite, upper-division standing.

ASTRONOMY

NEW

432 Stellar Astronomy and Astrophysics (3)

Stellar spectra, luminosity, radii, and temperatures. Stellar structure, energy sources, and compositions. Prerequisites, 431, Physics 320, or equivalent.

NEW

503 Seminar on Planetary Atmospheres (2)

NEW

513 Cosmology (3)

The standard homogeneous, isotropic cosmological models will be analyzed in the light of observations of the cosmic microwave background, the X-ray background, and of radio galaxies and quasars. Current ideas on the thermal history of the universe, nucleosynthesis, and galaxy formation will also be presented. Prerequisite, Physics 564 or permission.

NEW

561 High Energy Astrophysics (3)

Observed properties of Supernovae, X-ray stars, radio sources, quasars. Theories explaining such objects. Origin of cosmic rays.

NEW

597 Topics in Observational Astrophysics (1-5)

NEW

700 Thesis (*)

Prerequisite, permission.

ATMOSPHERIC SCIENCES

NEW

201 Introduction to the Atmosphere (3)

A survey of the most important topics in meteorology designed for beginning premajors or majors in physical science, engineering, and other technical fields. Composition and structure, radiative processes, water substance and processes, air motions. Prerequisites, one year of high school physics and Mathematics 124.

*

NEW

351 Atmospheric Observations and Analysis (5)

Methods of using common meteorological instruments for measuring precipitation, temperature, pressure, humidity, winds, including upper-air observations. Thermodynamic diagrams. Analysis of surface and upper-level charts and vertical cross sections. Prerequisites, one year of calculus and general physics.

NEW

450 Atmospheric Data Analysis (5)

Statistical and other methods employed in atmospheric data analysis. Frequency distributions, sampling theory, linear correlation, elementary time-series analysis, objective map analysis. Prerequisite, 350, General Engineering 115, or equivalent.

NEW

510J Physics of Ice and Snow (3)

Structure of the water molecule. Crystallographic structures of ice. Electrical, optical, thermal, and mechanical properties of ice. Growth of ice from the vapor and liquid phases. Physical properties of snow. Offered jointly with Geophysics. Prerequisite, permission.

NEW

511J Glaciology I: Formation of Snow and Ice Masses (3)

Snow climatology. Transport of snow by wind. Transfer of radiative, sensible, and latent heat at the surface of snow and ice. Freezing of natural water bodies. Heat and mass budget of ice masses. Theories of ice ages. Offered jointly with Geophysics. Prerequisite, 510J or permission.

NEW

512J Glaciology II: Structural Glaciology (3)

Heat and mass transfer in snow and ice. Metamorphism. Effects of heat conduction, vapor diffusion, radiation, solid impurities, brine inclusions. Petrography of snow and ice. Flow structures. Bulk physical properties of natural snow and ice. Offered jointly with Geophysics. Prerequisite, 511J or permission.

NEW

513J Glaciology III: Dynamic Glaciology (3)

Flow laws of ice, steady laminar flow. Sliding on bedrock. Kinematic waves, glacial surges. Snow and avalanche dynamics. Deformation and drift of sea ice. Relation of structures to deformation. Offered jointly with Geophysics. Prerequisite, 512J or permission.

NEW

514J Field Glaciology (6)

Structure and metamorphism of snow cover. Energy exchange at melting snow and ice surfaces. Deformation and flow of glaciers. Climatology and mass budgets. Glacier features. Emphasis on instrumentation, field techniques, and data analysis. Offered jointly with Geophysics. Prerequisites, 511J, 512J, or permission.

NEW

534 Weather Sensing by Satellites (3)

Flight characteristics of spacecraft. Physical laws of remote sensing, using micro-, infrared, and visible waves. The importance of surface parameters (temperature, emissivity, sea state). The inversion principle of atmospheric sounding. Comparison of weather analysis from earthbound and from satellite data. Prerequisites, 431 and 531, or permission.

NEW

539J Structure and Dynamics of Upper Atmosphere (3)

Properties of the ionosphere, electromagnetic wave propagation, the dynamics of the ionosphere. Offered jointly with Geophysics. Prerequisite, 542 or permission.

NEW

545 The General Circulation of Atmosphere (3)

Requirements of the global angular momentum heat, mass, and energy budgets upon atmospheric motions as deduced from observations. A study of the physical processes through which these budgets are satisfied. Prerequisite, 442 or permission.

BIOLOGY

NEW

440 Topics in Modern Biology (2, max. 6)

A televised lecturer-seminar, with presentation by research scientists of new concepts, methods, and results in biology. Major areas will be covered in different series of lectures, with emphasis in the first series on molecular and developmental biology. Prerequisites, two quarters college biology and two quarters college chemistry; genetics recommended.

BOTANY

*
NEW

450 Terrestrial Plant Ecology (3)

Relationships of populations to their environments; interactions between plants; theories of vegetation. Prerequisite, Biology 472 or permission.

NEW

451 Plant Ecology Laboratory (2)

Laboratory, greenhouse, and field study; reports on original observations will be required. Prerequisite, concurrent registration in 450.

NEW

466 Rusts, Smuts, and Fungi Imperfecti (5)

Structure, classification, and biology of rusts, smuts, and imperfect fungi, with particular emphasis on the role of these fungi in plant pathology. Prerequisite, 360 or permission.

NEW

480 Plant Cytology (3)

Analysis of structure and function of plant cells. Emphasis will be placed on the ultrastructure of plant cells and cell components. Prerequisites, 15 credits in biological science and permission.

NEW

480L Plant Cytology Laboratory (2)

Bright-field and phase-contrast microscopy; cytochemical methods; demonstration of optical equipment; individual projects. Prerequisite, 480.

NEW

525 Topics in Plant Ecology (2, max. 10)

Selected topics from various phases of plant ecology. Prerequisite, permission of instructors.

*

CHEMISTRY

NEW

147H General Chemistry Honors Laboratory (3)

Introduction to quantitative chemistry. Honors course paralleling 151 or 146. Prerequisites, concurrent registration in 145H and permission.

NEW

157H General Chemistry Honors Laboratory (4)

Laboratory work in elementary physical and quantitative chemistry. Honors course to follow 147H. Prerequisites, 147H, 155H concurrently.

NEW

165H General Chemistry (3)

Honors course paralleling 160. Prerequisite, A or B grade in 155H or permission.

NEW

167H General Chemistry Honors Laboratory (3)

Elementary physical, quantitative, and qualitative chemistry laboratory (to follow 157H). Prerequisite, 157H.

NEW

412 Inorganic Chemistry Laboratory (3)

Preparation and characterization of typical inorganic substances. Prerequisite, 457, which may be taken concurrently.

NEW

414 Systematic Inorganic Chemistry (3)

The elements and their compounds in relation to the periodic system. Prerequisite, 351 or 457.

NEW

436 Spectral Methods in Structural Chemistry (4)

An introduction to the theory, instrumentation, and application of spectroscopic methods in organic and inorganic chemistry. Laboratory provides experience in actual instrumental operation. Prerequisites, 351 or 457, or permission.

NEW

508 Advanced Inorganic Chemistry (3)

Synthesis, reactions, and structure of coordination compounds. Applications of NMR, isotope replacement phenomena, magnetic susceptibility, and the Mössbauer Effect. Prerequisites, 415, 416.

CLASSICS

ARABIC

NEW

499 Undergraduate Research (3-6, max. 18)

NEW

600 Research (3-6, max. 18)

NEW

700 Thesis (*)

GREEK

NEW

426 Attic Orators (3)

CHG

449 Replaces 420

HEBREW

NEW

101-102, 103 Elementary Hebrew (5-5, 5)

Introduction to classical Hebrew, emphasizing elements of grammar and reading of various styles found in the Hebrew Bible.

NEW

201, 202, 203 Intermediate Hebrew (5, 5, 5)

Selections from Biblical prose, Rabbinical texts, and medieval prose and poetry. Prerequisites, 103 for 201; 201 for 202; 202 for 203.

NEW

490 Supervised Study (3-6, max. 18)

Prerequisite, 203.

NEW

499 Undergraduate Research (3-6, max. 18)

LATIN

NEW

423 Cicero and Sallust (3)

NEW

447 Roman Lyric (3)

- NEW**
449 Roman Elegy (3)
- NEW**
459 Roman Pastoral (3)
- NEAR EAST**
 (FORMERLY NEAR EASTERN LITERATURE)
- CHG**
210, 420, 422, 424, 430, 432, 434, 440 Replace Near Eastern Literature 210, 420, 422, 424, 430, 432, 434, 440
- NEW**
210 Introduction to Islamic Civilization and Culture (5)
 Background and foundations of Islam; development of Islamic culture, with emphasis on the intellectual, literary, aesthetic, and associative aspects; the impact of the West and resulting modern problems.
- NEW**
440 Persian Literature in English (3)
 A survey of Islamic Persian literature from its origins to modern times, with representative readings.
- NEW**
450 The City of Cairo: History, Topography, and Monuments (3)
 A survey of the physical development, and the economic and social organization of an Islamic city, as exemplified in the history of Cairo, from the first establishment at Fustat to the present day. Consideration of the major styles of Islamic architecture as represented in existing monuments of Cairo.
- NEW**
520 Seminar in Near Eastern Civilization and Thought (3, max. 27)
- NEW**
530 Seminar in Near Eastern Literature (3, max. 27)
 Prerequisite, reading knowledge of Arabic, Persian, or Turkish.
- NEW**
600 Research (3-6, max. 18)
- NEW**
700 Thesis (*)
- PERSIAN**
- NEW**
101-102, 103 Elementary Persian (5-5, 5)
 Beginning course in pronunciation, conversation, grammar, and graded reading.
- NEW**
201, 202, 203 Intermediate Persian (5, 5, 5)
 Introduction to Persian literature, with continuing emphasis on grammar and syntax. Prerequisites, 103 for 201; 201 for 202; 202 for 203.
- NEW**
490 Supervised Study (3-6, max. 18)
 Special work in literary texts for graduates and undergraduates. Prerequisite, 203 or equivalent.
- NEW**
499 Undergraduate Research (3-6, max. 18)
- TURKISH**
- NEW**
101-102, 103 Elementary Turkish (5-5, 5)
 Introduction to modern Turkish. Pronunciation and conversation, grammar and composition, graded reading. Latin characters used throughout.
- NEW**
201, 202, 203 Intermediate Turkish (5, 5, 5)
 Introduction to modern Turkish literature. Prerequisites, 103 for 201; 201 for 202; 202 for 203.
- NEW**
401, 402, 403 Ottoman Turkish (5, 5, 5)
 Readings from the historians and poets of the Ottoman period. Texts written in Arabic characters will be used. Prerequisites, 203 for 401; 401 for 402; 402 for 403.
- NEW**
490 Supervised Study (3-6, max. 18)
 Special work in literary texts for graduates and undergraduates. Prerequisite, 203.
- NEW**
499 Undergraduate Research (3-6, max. 18)
- COMMUNICATIONS**
- ***
COMMUNICATIONS
- NEW**
150 The Mass Media (5)
 Organization, operation, and control of the mass media in America; social functions of mass communication; characteristics of media audiences. (May be substituted for 202, 203, 226, and Radio-Television 250 in Communications degree program, but duplicate credit cannot be earned.)
- NEW**
200 The Communication Process (5)
 An examination of the functions of communication and of the use of the concept in various social sciences. (May be substituted for 201 and 310 in former School of Communications degree program, but duplicate credit cannot be earned.) Open to nonmajors.
- CHG**
220 Replaces 320
- NEW**
374 Advanced Television Writing (3)
 Development of an original television script of professional production caliber. Prerequisite, 373.
- NEW**
500, 501 Theory of Communication (5, 5)
 Introduction to the major points of view—general semantics, persuasion and effects, and communication systems; examination of communication concepts in the theoretical literature. Prerequisite, 508.
- NEW**
505 Communication and Politics (3)
 Study of the primary literature dealing with communication and American political behavior. Prerequisite, 406.
- CHG**
508, 509 Replace 408, 409, 410

NEW
516 Seminar in Comparative Communication Systems (3)
 The analysis and comparison of communication systems. Directed research in comparative systems and into the role of communications in national development. Prerequisite, 415.
- NEW**
550-551 Advanced Communication Methods (3-3)
 Directed individual projects in the design and organization of a complex mass communication, of a level of accomplishment suitable for professional quality print or broadcast media. Advanced techniques of research and production analyzed and applied. Prerequisite, bachelor's degree in a communications major or equivalent.
- NEW**
581 Seminar in International Communications (3)
 The analysis of international communications. Directed research in intercultural communication. Prerequisites, 480, 580.
- ***
NEW
597 Practicum in Communication Research (1-5, max. 10)
 Individual participation by a qualified graduate student in an on-going research project under the direction of a faculty member. Prerequisites, 501, 509.
- ***
RADIO-TELEVISION
- NEW**
454, 455 Television News Film Techniques (2, 2)
 Development of skills in the use of the motion picture camera; a study of the use of film in news and public affairs programming; emphasis on writing for film purposes and developing editorial judgment. Prerequisite, 376 or permission.
- ***
NEW
456, 457, 458 News Broadcasting (2, 2, 2)
 Preparation and presentation of news broadcasts; progression from editing radio news programs to use of visuals and performance in television newscasts. (Replace 476.) Prerequisite, 376.

COMPARATIVE LITERATURE

NEW

415 The Comic in Literature (5)

Study of masterpieces of comic literature (Bergson, Freud, Ludovici, and others), emphasizing various modes and uses of the comic. Prerequisites, junior standing and at least 10 credits of literary study.

NEW

496 Special Studies in Comparative Literature (5, max. 10)

To be offered occasionally by visitors or resident faculty.

NEW

513, 514 History of European Literary Theory and Criticism (3, 3)

A two-quarter seminar concerned with the analysis of the main concepts of literary theory and literary criticism in the Western World as they have developed from the middle ages to the present. Emphasis will be placed on the philosophical background from which the literary ideas emerged. Prerequisite, graduate standing.

NEW

515 Recent Trends in Literary Criticism (3)

Study of some of the recent trends in literary criticism; in particular, structural and philosophical approaches. Prerequisites, advanced graduate standing and facility in reading French.

NEW

535 Poetic Forms (3-5, max. 15)

Seminar concerned with the evolution, dissemination, and function of metrical and stanzaic forms in various literatures. Course will change so consult department each quarter for specifics. Prerequisite, reading knowledge of one foreign language.

NEW

540 Eighteenth-Century European Aesthetics (3)

Analysis of important works of eighteenth-century aestheticians in England, France, and Germany. Prerequisite, facility in reading either French or German.

NEW

545 Studies in Renaissance and Baroque Epic Poetry (3)

Study of renaissance and baroque epic poetry, including works of Ariosto, Tasso, Spenser, Milton, and others. Prerequisite, reading knowledge of either French, Italian, Spanish, or Portuguese.

NEW

550 European Realism (3)

Seminar study of works of European Realism (Balzac, Flaubert, Turgenev, Dostoevski, Tolstoy, the representative Victorians, and the writers of "poetic realism") in connection with various aesthetic doctrines and subsequent critical appraisals. Prerequisite, graduate standing.

NEW

555 Studies in Irony (3)

Seminar to examine irony in literary, philosophical, and satirical masterpieces from the classical period to contemporary literature. Prerequisite, graduate standing.

NEW

560 Classical Rhetoric and Literature (Seventeenth and Eighteenth Centuries) (3)

Seminar to explore the influence and the importance of classical rhetoric in European literary works of the seventeenth and eighteenth centuries. Texts and examples to be chosen in English, French, Italian, and German literatures. Prerequisite, reading knowledge of French, Italian, or German.

NEW

565 Studies in Nineteenth-Century Literature (3-5, max. 15)

Seminar examining various aspects of nineteenth-century European literature. Course will change so consult department each quarter for specifics. Prerequisite, reading knowledge of one foreign language.

NEW

570 Studies in the Novel (5, max. 15)

Two two-hour seminars comparing two or more novels of varying national literatures. Course will change so consult department each quarter for specifics. Prerequisite, reading knowledge of one foreign language.

NEW

575 Intercultural Relationships in Sixteenth- and Seventeenth-Century European Literature (3-5, max. 15)

Seminar or seminars examining the intercultural relationships of sixteenth- and seventeenth-century European literature. Course will change so consult department each quarter for specifics. Prerequisite, reading knowledge of one foreign language.

NEW

580 Literary Relations (3-5, max. 15)

Seminar which will examine relationships or parallels between two or among more than two important writers from different national literatures. Course will change so consult department each quarter for specifics. Prerequisite, reading knowledge of one foreign language.

NEW

585 Literature of Islam and Europe (3-5, max. 15)

A seminar examining the mutual influences between Islamic literature and culture (chiefly Arabic and Persian) and European. Course will change so consult department each quarter for specifics. Prerequisite, reading knowledge of one foreign language.

NEW

596 Special Studies in Comparative Literature (3-5, max. 15)

To be offered occasionally by visitors or resident faculty.

DANCE

NEW

280 Basic Movement for Theatre Disciplines (1, max. 3)

Basic body actions, unified through structure and improvisation; foundation for coordinated, articulate physical requirements in theatre disciplines; preliminary to period movement and manners studies. Prerequisite, permission.

NEW

290 Structure of Music in Relation to Dance (2-5, max. 5)

Study of structural parallels between organized sound and organized movement; emphasis on time-space relationships. Prerequisite, permission.

NEW

490 Special Studies in Dance (1-3, max. 15)

Special studies in dance: specialized areas within the body of knowledge known collectively as the art of ballet. Prerequisite, permission.

DRAMA

NEW

121, 122, 123 Movement for the Actor (2, 2, 2)

Movement for the actor based on Lecoq techniques. 121: improvisation for development of sensory-motor skills; 122: re-education of muscular efforts and coordination; 123: use of masks for characterization. Prerequisite, acceptance for Experimental Drama program.

NEW

141, 142, 143 Voice Training for the Actor (3, 3, 3)

141: relaxation, limbering, and centering of the voice; 142: vocal dramatic styles (Elizabethan and medieval texts); 143: vocal dramatic styles (Greek and medieval texts). Prerequisite, acceptance for Experimental Drama program.

NEW

155, 156, 157 Acting (5, 5, 5)

Acting for the professionally-oriented student. 155: improvisation, the fundamentals of acting theory, practice; 156: acting styles, Greek; 157: acting styles, medieval. Prerequisite, acceptance for Experimental Drama program.

NEW

181, 182, 183 Play Analysis for the Actor (2, 2, 2)

Play analysis from the point of view of the actor; 181: principles of method and their imaginative integration for the actor; 182: application of analysis method to Greek plays; 183: application to medieval plays. Prerequisite, acceptance for Experimental Drama program.

NEW

184 Play Analysis for the Actor (2)

Application for analysis method to Greek and Elizabethan plays. Prerequisite, acceptance for Experimental Drama program.

NEW

221, 222, 223 Movement for the Actor (2, 2, 2)

Movement for the actor based on Lecoq techniques: 221: movement with character masks; 222: choral movement; 223: Commedia del Arte techniques. Prerequisite, acceptance for Experimental Drama program.

NEW

241, 242, 243 Voice Training for the Actor (3, 3, 3)

241: vocal styles—Jacobean and Elizabethan; 242: vocal styles—Restoration; 243: vocal styles—French and Italian seventeenth century. Prerequisite, acceptance for Experimental Drama program.

NEW

251, 252, 253 Acting (6, 6, 6)

Intensive course sequence in acting with integrated laboratory work in movement and voice. Improvisation, mime, scene analysis, and emphasis on realistic acting with introduction to styles and genres. Majors only. Prerequisites, audition for 251; 251 for 252; 252 for 253.

NEW

255, 256, 257 Acting (5, 5, 5)

Acting for the professionally-oriented student: 255: acting styles—Elizabethan and Jacobean; 256: acting styles—Greek and Jacobean; 257: acting styles—seventeenth-century Restoration and Commedia. Prerequisite, acceptance for Experimental Drama program.

NEW

271, 272 Seminar in Theatre and Drama (2, 2)

Prerequisite, acceptance for Experimental Drama program.

NEW

336 Drama in the Elementary School (3)

Teaching drama as a discipline, emphasizing fundamentals of acting and employing movement, speech, improvisation, and relationship of objectives organically correlated with language arts. Prerequisites, 151 and Education 309.

NEW

436 Drama in the Elementary School (3)

Teaching drama as a discipline emphasizing interpretation of text in play production; employing principles of space, mass, line, color, through such theatre elements as design, costuming, lighting. Prerequisites, 336, 338, 435 and 325 or 210, 211, and 212.

NEW

437 Laboratory in Teaching Drama to Children (1)

Practical experience in teaching drama as a discipline to children. (With permission may be taken concurrently with 436.) Prerequisite, 436.

CHG

477, 478, 479 Replace 475

NEW

490A,B,C, Special Studies (1-5, each, max. 15)

A. Acting-directing; B. Design-technical; C. Children's drama. (Course may be repeated to a limit of 5 credits in any emphasis area.) Prerequisite, permission.

NEW

496 Stage Costume Problems (2, max. 8)

A series of specialized courses directed to specific areas and problems of stage costume design and execution: accessories, textiles, masks, wigs, and analysis of construction of historic clothing and/or specialized clothing. Prerequisites, 211, 415, and permission.

NEW

520 Advanced Theatre Practicum (1-5, max. 15)

Graduate student apprenticeship with professional theatre shops—scenery, lighting, scene painting, or costume. Prerequisites, 513 and permission.

ECONOMICS

NEW

498 Axiomatic Choice Theory—Honors (5)

Axiomatic choice theory is a comprehensive examination of the fundamentals of exchange and the theory of value. Prerequisite, permission.

NEW

513 Mathematical Economics: Activity Analysis (3)

Mathematical theory of linear programming: Linear inequalities, existence theorems, simplex method, duality. Transportation problem. Elements of game theory. Kuhn-Tucker conditions. Economic applications. Prerequisites, 412, 500, or permission.

NEW

519 Mathematical Economics: Selected Topics (3)

Seminar will cover selected topics in mathematical economics; theory of general equilibrium analysis. Prerequisite, permission of instructor.

ENGLISH

NEW

160 Intensive English (15)

An intensive course specifically intended to prepare the foreign student for the coming academic year. Oral and written work. This course will satisfy the foreign student English requirement.

NEW

323 English Drama, 1660-1800 (5)

Restoration and eighteenth-century English drama. Dryden, Etherege, Wycherley, Congreve, Goldsmith, Sheridan, and others. Alternates with 322. Prerequisite, upper-division standing or permission.

*

NEW

483 Special Topics in English for Teachers (1-3, max. 5)

NEW

492H Major Conference for Honors (5)

Individual study (reading, papers) by arrangement with the instructor. Required of, and limited to, seniors in the English Department's College Honors Program.

NEW

535 Comparative Grammars (5)

A study in detail of one or more systems of grammar besides traditional grammar.

FAR EASTERN AND RUSSIAN INSTITUTE

FAR EASTERN

CHG

210 Replaces 110, 310

CHG

290J Replaces 290

NEW

336J Regional Geography of China (5)

A study of the geographic foundations, the pattern of the cultural and economic developments, and the interrelationships among the major regions of China with special emphasis on the role of the key agricultural and manufacturing areas in the economic growth of the country. Offered jointly with Geography. Prerequisite, 100 or permission.

NEW

401, 402 Marxism-Leninism in Modern Intellectual History (5, 5)

401: Teachings of Marx and Engels in the nineteenth century. Analysis of Marxism as a doctrine. 402: Marxism-Leninism in the twentieth century. Reference to Lenin and Stalin. Prerequisite, modern European, German, or Russian history, or political thought, or permission.

NEW

406, 407 Revolutionary Movements in Eastern Europe (3, 3)

Historical analysis of the ideological and social character of revolutionary movements, chiefly nationalist and communist, in eastern Europe from 1848 to World War II.

NEW

431 Tibetan History (3)

A survey of the history of Tibet from earliest times to the present, with emphasis on the status and relations of Tibet in Asian affairs and the evolution of the political institutions of a "lama-ruler" state.

NEW

438J Soviet Regions and Regionalization (3 or 5)

An evaluation of prerevolutionary and Soviet efforts to determine a basis for subdividing Russia into regions, together with an analysis of contemporary Soviet regions and their economic development. Lectures, 3 credits; independent study, 2 additional credits, with permission of instructor. Offered jointly with Geography. Prerequisite, 333J or permission.

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NEW

464 Tibetan Buddhism (3)

A survey of the development of Buddhist philosophy and its amalgamation with the teachings of Bon, the pre-buddhist shamanism in Tibet. The resulting doctrines and phenomenology of Tibetan Buddhism are examined in depth.

NEW

469, 470 History of Korea (5, 5)

A survey of Korean history from earliest times to the modern period. Prerequisite, permission of instructor.

NEW

504J Seminar on the Modernization of Japan (5)

Historical and theoretical approach to social, political, economic, and psychological problems of modernization in Japan. Offered jointly with the Department of Political Science as Political Science 504J and with the Department of History as History 509J. Prerequisite, permission.

NEW

532J-533J Seminar in Political Institutions of Contemporary China (3-3)

Advanced research on structures and functions of political institutions in post-1949 China. Offered jointly with Political Science. Prerequisite, permission; reading knowledge of Chinese desirable.

CHG

563 Replaces 559J (Offered jointly with the Department of History as History 663)

NEW

564, 565 Seminar in Modern Japanese History (3-6), (3-6)

(Offered jointly with the Department of History as History 664, 665.) Prerequisite, permission.

NEW

566 Research Seminar: Problems in Korean History (3-6)

Advanced instruction in problems and methods of research in Korean history. Prerequisite, permission.

NEW

567J-568J-569J Seminar in Korean History (3-6)-(3-6)-(3-6)

Selected topics in Korean history and historiography. Offered jointly with History. Prerequisite, permission of instructor.

FAR EASTERN AND SLAVIC LANGUAGES AND LITERATURE

CHINESE

NEW

311 Genres in Chinese Literature (5)

Depth study of works from the major Chinese literary genres and analysis of their characteristic features. Examination of the relationship between similar genres in Chinese and Western literary traditions. Works will be read in translation. Chinese 320 recommended but not required.

NEW

400 Tutorial Chinese (5)

A refresher course designed for students of Chinese who have completed courses in the language but cannot be properly placed in regularly scheduled courses. Students work at individual maximum speed with a tutor. Placement level will be determined by examination. Prerequisites, permission and advanced standing.

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NEW

551 Seminar on the Book of Changes (3)

An examination of the textual problems of the Book of Changes and of its place in the history of Chinese thought. Prerequisites, 524 or equivalent, and permission.

CZECH

NEW

451, 452, 453 Advanced Czech (5, 5, 5)

Continuation of 401, 402, 411 to provide an introduction to Czech literature through selected readings from the main works of Czech authors of the nineteenth and twentieth centuries. The course also reinforces and extends the student's basic knowledge of Czech grammar and vocabulary through daily discussions in the language. Prerequisites, 411 for 451; 451 for 452; 452 for 453.

HINDI-URDU

NEW

101-102, 103 Elementary Hindi-Urdu (5-5, 5)

Introduction to the spoken language. Oral drills emphasizing pronunciation and elementary conversation. Grammatical and syntactical exercises. Introduction to the two writing systems in 103.

NEW

201, 202, 203 Intermediate Hindi (5, 5, 5)

Systematic expansion of vocabulary and grammatical forms and structures. Oral and writing practice based on Hindi prose readings. Prerequisite, 103 or equivalent.

INDIAN

NEW

321 Modern Indian Literature in English (3)

A general survey of the contemporary Indian literature with special attention to the fusion of modernistic trends with tradition. No knowledge of an Indian language is required.

JAPANESE

NEW

424 Tokugawa Literary Tradition (5)

A survey course in Japanese literature covering the period between 1600 and 1867 when the rise and development of popular literature and theater among the common people had reached the highest peak through men like Chikamatsu, Saikaku, and Basho. Readings and discussion of representative works in prose, poetry, and drama up to the beginning of the Meiji period.

KOREAN

NEW

499 Undergraduate Research (3-5, max. 15)

For Far Eastern majors. Prerequisite, permission.

NEW

700 Thesis (*)

POLISH

NEW

570 Seminar in Polish Literature (5)

Selected topics in Polish literature. Prerequisite, reading knowledge of Polish.

RUSSIAN

CHG

426, 427, 428 Replace 426, 427

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NEW

463 Introduction to Russian Literature (3)

Prerequisites, Russian 461, 462.

*

NEW

556 Readings in the History of the Russian Language (3)

Reading and grammatical interpretation of selected texts from various periods of development of the Russian language. Prerequisite, 555.

NEW

569 Seminar in Contemporary Russian Literature (4)

Examination of selected works of poetry, prose, and criticism representative of Russian literature from 1917 to the present. Prerequisite, permission.

NEW

571 Stylistics of Modern Russian Poetry (3)

An examination of the linguistic aspects of poetic style in selected works of modern Russian poetry. Prerequisites, 451, 452, and 6 credits in Russian literature courses, or permission.

NEW

575 Kievan Literature (3)

Analysis of representative works of prose and poetry of Kievan Rus' from the beginning to the end of the thirteenth century. Offered alternate years. Prerequisite, graduate standing.

NEW

576 Muscovite Literature (3)

Analysis of representative works of prose and poetry of the Muscovite period from the end of the thirteenth century to the reign of Peter I. Prerequisite, graduate standing. Offered alternate years.

NEW

577 Russian Folk Literature (3)

Analysis of representative works of the various genres of folk literature including the *byliny*, *skazki*, historical and lyrical songs and the spiritual *stikh*. Prerequisite, graduate standing. Offered alternate years.

NEW

588-589 Russian Literature, 1750 to the Present (5-5)

Survey of Russian Literature for first-year graduate students. Prerequisite, graduate standing.

SERBO-CROATIAN

NEW

451, 452, 453 Advanced Serbo-Croatian (5, 5, 5)

Continuation of 401-402, 411 to provide instruction and practice designed to reinforce the basic grasp of the language, and to enlarge both vocabulary and command of grammatical patterns. Prerequisite, 411.

SLAVIC

NEW

321, 322, 323 Slavic Literature in English (3, 3, 3)

A survey of East European literatures. Treated in detail are Polish, Czech, Serbian, Croatian, Bulgarian, and Ukrainian literatures. Prerequisite, upper-division standing.

NEW

421, 422 Studies in Slavic Literature (3, 3)

Studies of specific topics in Slavic literature (exclusive of Russian) to be selected by the instructor. Prerequisite, permission of instructor.

CHG

550 Replaces 450

NEW

554 The History of the South Slavic Languages (3)

Designed to acquaint majors in Slavic linguistics with the details of the historical development of the phonological and morphological structure of the South Slavic languages. Prerequisites, 450, 552, 553.

NEW

557 Seminar in Slavic Linguistics (2)

Seminar designed to permit the investigation and discussion of special topics in Slavic linguistics. (May be repeated for credit.) Prerequisites, 554 and Russian 551.

TAMIL

NEW

301-302, 303 Introduction to Tamil (5-5, 5)

An intensive introduction to the modern spoken language. Transformation drills will be emphasized. The writing system and literary dialect will be introduced at a suitable stage.

NEW

401-402, 403 Intermediate Tamil (5-5, 5)

Intensified use of the modern spoken language, beginning with moderately difficult conversation and drills, and working up to more advanced materials, including radio plays. Continuation of work with written language. Prerequisite, 303.

TIBETAN

NEW

700 Thesis (*)

Prerequisite, permission.

TURKIC

NEW

301, 302, 303 Yakut (3, 3, 3)

Phonological, morphological, and syntactical analysis of Yakut as a representative Turkic language. Reading and translation of selected texts.

VIETNAMESE

NEW

150 Accelerated Vietnamese (15)

Introduction to the structure of modern spoken and written North Vietnamese, with additional exposure to southern Vietnamese dialects. Recommended for students wishing to acquire familiarity with the language in a short time, with the objective of further study and usage in Vietnam. Prerequisite, permission.

*

GENERAL STUDIES

NEW

492 Latin-American Studies Seminar (5)

A proseminar, primarily for Latin-American Studies majors, involving readings and research on a broad topic concerning Latin America. Prerequisite, senior in Latin-American Studies major or permission.

GENETICS

NEW

583 Methodology in Biochemical Genetics (2)

Experiments and discussion sections on modern research techniques used in biochemical genetics. Prerequisite, permission.

GEOGRAPHY

NEW

300 Advanced Regional Geography

The region viewed as a major concept in geog-

raphy. An intensive examination of major physical and biotic regions seen in the light of human occupancy patterns. Prerequisite, 100 or upper-division standing.

NEW

336J Regional Geography of China (5)

A study of the geographic foundations, the pattern of the cultural and economic developments, and the interrelationships among the major regions of China, with special emphasis on the role of the key agricultural and manufacturing areas in the economic growth of the country. Offered jointly with the Far Eastern and Russian Institute. Prerequisite, 100 or permission.

NEW

438J Soviet Regions and Regionalization (3 or 5)

An evaluation of prerevolutionary and Soviet efforts to determine a basis for subdividing Russia into regions, together with an analysis of contemporary Soviet regions and their economic development. Lectures, 3 credits; independent study, 2 additional credits, with permission of instructor. Offered jointly with the Far Eastern and Russian Institute. Prerequisite, 333J or permission.

*

NEW

449 Geography of Ocean Transportation (3 or 5)

Geographic analysis of ocean trade routes, cargo and passenger flows, and port activities. Evaluation of the role of the transportation carrier in international trade. Lectures, 3 credits; independent study, 2 additional credits. Prerequisite, 207 or permission.

NEW

478 Urban Spatial Patterns (3)

Analysis of intra-urban land-use patterns and structure; particular attention to locational theories pertaining to population, land-use linkages, rents, gradients, and normative spatial relationships. Prerequisite, upper-division standing.

NEW

491 The United States (8)

Summer Institute in the geography of the United States for fifth-grade teachers and elementary supervisors. For Institute participants only. Prerequisite, undergraduate or graduate standing.

NEW

492 The USSR (6)

Summer Institute in the geography of the Soviet Union for secondary school teachers. For Institute participants only. Prerequisite, undergraduate or graduate standing.

CHG

551 Regional Planning Seminar (3) Replaces 551J

Regional planning and development theories and methodologies. Critical evaluation of regional planning in selected "economically advanced" and "lesser developed countries." Offered jointly with Urban Planning. Prerequisites, 451J and graduate standing.

GEOLOGY

CHG

308 Replaces 208

NEW

311 Origin of Landforms (3)

Erosional processes and products; theories of landform evolution; characteristic landforms of the tropics, and semi-arid regions, polar and alpine regions, and humid-temperate regions; coastal and marine landforms. Prerequisite, 101.

CHG

320 Replaces 220

NEW

321, 322 Petrology I, II (5, 5)

Description, classification, and origin of igneous, sedimentary, and metamorphic rocks. Laboratory includes hand specimens and microscopic study of rock specimens. Prerequisites, 320 for 321; 321 for 322.

NEW

406J General Seismology (3)

Ray theory analysis applied to an inhomogeneous earth; travel time analysis; observational seismology, instruments, quantitative measurement of earthquakes; properties of earth's interior; tectonic significance of earthquakes. Offered jointly with Geophysics. Prerequisite, 405J or permission.

CHG

411 Replaces 411J

NEW

416 Glacial Geology (4)

Interpretation of glacial history through study of sediments and land forms, with emphasis on climatic implications, chronology, and correlation. Prerequisite, senior standing.

NEW

417 Quaternary Stratigraphy (4)

History of climatic changes during the Quaternary Period as revealed by physical and biological data. Global chronology and correlation of Quaternary sediments. Prerequisite, senior standing.

CHG

461 Replaces 361

NEW

486 Nonmetallic Ores and Fuels (3)

Description and origin of nonmetallic ore deposits, fuels, and water resources, and their importance in world affairs. Prerequisite, senior standing or permission.

NEW

501 Quaternary Climatic Change (1-3, max. 6)

A seminar to critically evaluate criteria of Quaternary climatic change from the view-

point of different disciplines. Prerequisite, permission of the instructor.

NEW

532 Studies in Paleoecology (5)

Properties of fossil populations and interpretation of habit and habitat in the geologic past. Prerequisites, 326, 330, or permission.

NEW

551J Potential Theory and Application (3)

Newtonian fields; integral theorems; harmonic functions; geopotential, mass, moment, shape of the earth; theory of analysis of gravity and magnetic anomalies. Offered jointly with Geophysics. Prerequisite, Mathematics 428 or Aeronautics and Astronautics 568, or permission.

NEW

552J Theoretical Seismology (3)

Wave motion in uniform and layered elastic solids, dispersion, surface waves, modal analysis; inhomogeneous and anisotropic media; effects of anelasticity, gravity, and curvature eigen vibrations of the earth. Offered jointly with Geophysics. Prerequisite, Aeronautics and Astronautics 546.

NEW

553J Physical Properties of Earth Material (3)

Composition of rocks; mechanical, thermal, magnetic, and electrical properties of rocks; tensor properties of crystals; measurement of rock properties at high pressures and temperatures. Offered jointly with Geophysics. Prerequisite, Aeronautics and Astronautics 567 or permission.

NEW

580 Research in Sedimentology (*)

Advanced studies and research in sedimentology. Prerequisite, permission.

NEW

581J Analysis of Sediments and Sedimentary Rocks (5)

Methods of analysis of sediments and sedimentary rocks, and statistical evaluation, presentation, and interpretation of data. Offered jointly with Oceanography. Prerequisites, 423, Mathematics 281, or permission.

NEW

582 Seminar in Sedimentology (2)

Lectures, discussions, and readings on selected problems of current interest. Prerequisite, permission.

CHG

585 Replaces 580

NEW

587 Advanced Studies in Ore Deposits (3)

Origin of metallic ores with emphasis on geochemistry and isotopic geology, four- to five-day field trip to neighboring mining region. Prerequisites, 472 or equivalent, and 487. Offered odd-numbered years.

GERMANIC LANGUAGES AND LITERATURE

NEW

123, 124, 125 German for the Elementary School (3, 3, 3)

Training in basic German grammar, pronunciation, and intonation with practical techniques for using German in the elementary classroom; organization of study units, songs, dialogues, and dramatizations. Open to those with little or no background in German.

NEW

230 Conversational German (5)

Intensive. For participants in the Living-Language Group Program only. Prerequisite, 103 or equivalent.

CHG

473 Replaces 474GJ (Joint status with Education dropped)

CHG

490, 491, 492 Replace 490H, 491H, 492H

NEW

520 Contemporary German Literature (3)
Prerequisite, graduate standing.

NEW

580, 581, 582 Seminar in the Modern Period of German Literature (1-5), (1-5), (1-5)

Prerequisite, permission.

HISTORY

NEW

238 Survey of the Muslim Near East (5)

Survey of the history of the Near East (the Arab countries, Turkey, Iran, and Afghanistan) from the emergence of Islam in 622 to the present. The various aspects of history (culture, economics, politics, etc.) will be discussed.

NEW

290J History of China (5)

From earliest times to the present; emphasis on development of Chinese society. Offered jointly with the Far Eastern and Russian Institute.

NEW

299 Honors Colloquium (3)

The sophomore honors colloquium is essentially an introduction to historical method. Through use of well-known tales, such as "Tristan and Isolde" and "Theseus and the Minotaur," the student will examine historical evidence and study the difference between mythology and legend. Prerequisite, permission of instructor.

CHG

311 Early Middle Ages (5) Replaces 411

CHG

312 Central Middle Ages (5) Replaces 412

CHG

313 Late Middle Ages (5) Replaces 413

*

NEW

407 Medieval Italy (5)

Italy, from the barbarian invasions to the Renaissance, considered in the framework of European and Mediterranean cultures.

NEW

417 Russian and East European Bibliography (5)

Analysis of problems of bibliography in the social sciences and humanities, concerning Russia and Eastern Europe. For seniors and graduate students interested in these fields. Prerequisite, one East European language or German.

CHG

419 Replaces 419J

CHG

438, 439 Replaces 438-439

NEW

440 History of the Near East Since 1789 (3)

The history of the Near East since the introduction of western-inspired reforms into the Muslim World. The emergence of the modern Arab states and the transformation of Turkey and Iran in the last 150 years will be covered in their various aspects.

CHG

445A, 445B Replace 445

CHG

445C Replaces 446

NEW

488 The River Plate Republics and Chili, Colonial Period to the Present (5)

The course will analyze political history, economic development, social change, and intellectual trends in Argentina, Uruguay, Paraguay, and Chile; it will also consider the relations of these countries with the United States and Europe, and with each other.

NEW

497 Portugal in the Age of Exploration (5)

The pivotal role of Portugal in the expansion of Europe from the eleventh to the seventeenth centuries.

NEW

498 Senior Seminar (3-5, max. 15)

Each seminar will examine a different subject or problem. Students must have the permission of the instructor of the seminar in which they plan to enroll. A list of the seminars offered is available in the office of the History Department. Prerequisite, permission of the instructor.

NEW

509J Seminar on the Modernization of Japan (5)

Historical and theoretical approach to social, political, economic, and psychological problems of modernization in Japan. Offered jointly with the Department of Political Science as Political Science 504J and with the Far Eastern and Russian Institute as Far Eastern 504J. Prerequisite, permission.

NEW

567J-568J-569J Seminar in Korean History (3-6)-(3-6)-(3-6)

Selected topics in Korean history and historiography. Offered jointly with the Far Eastern and Russian Institute. Prerequisite, permission of instructor.

NEW

570 Ottoman History (3-6)

This field course will introduce the student to the major periods and problems of Ottoman history, 1300-1914, by acquainting him with the major works in at least two languages. An attempt will be made to teach some use of Ottoman materials. A minor problem will be investigated in detail by every student. Prerequisite, knowledge of at least one major language besides English, such as French, German, or Russian.

NEW

577-578-579 Seminar in Latin American History (3-6)-(3-6)-(3-6)

Problems of historical research in the history of Latin America from colonial beginnings to the present. Prerequisite, permission of instructor.

NEW

586-587 Seminar in Comparative Colonial History (3-6)-(3-6)

A seminar intended to provide training in the comparative approach to the study of the origins and development of the New World empires of England, France, Portugal, and Spain between the late fifteenth and early nineteenth centuries. Prerequisite, permission.

*
NEW

615 Field Course in Islamic History (3-6)

An introduction to advanced study designed to show how important historical conclusions have been reached, to suggest further research and particularly to give bibliographical guidance to students in their preparation for examinations in this field. Prerequisite, permission of the instructor.

NEW

641-642 Diplomacy World War I (3-6)-(3-6)

History of European diplomacy during World War I, from the beginning of the July Crisis, 1914, to the Armistice, 1918. The relations between the European states will be interpreted in the broadest sense, i.e. in terms of policy decisions, military events, economic problems, and domestic politics.

*
NEW

645 Seminar in American Constitutional History to 1800 (5)

Research in the formative period of the American Constitution.

*
NEW

654 American History: Intellectual (3-6)

Prerequisite, graduate standing.

CHG

663 Replaces 559J

Offered jointly with the Far Eastern and Russian Institute as Far Eastern 563.

NEW

664, 665 Seminar in Modern Japanese History (3-6), (3-6)

Offered jointly with the Far Eastern and Russian Institute as Far Eastern 564, 565. Prerequisite, permission.

HOME ECONOMICS

NEW

409 Food and People (3)

Economic, cultural, and social determinants of food patterns. Problems of population and food supply. Meaning of food to different peoples. An ecological approach to malnutrition as a major world problem. Programs of national and international scope designed to combat malnutrition. Prerequisites, upper-division standing and 307, or 15 credits in social science.

NEW

509 Evaluation of Nutritional Status (2)

Dietary, clinical, and biochemical aspects as an integral part of evaluating nutritional status. Critical examination of major nutritional status surveys. Experimental design. Dietary methodology. Prerequisites, 407, 408, Biochemistry 405, 406, or equivalent.

NEW

510 Community Nutrition (3)

Survey of major nutritional problems facing American communities, with special emphasis on the problems of pregnancy and childhood. Practical approaches to nutritional education and the dynamics of changing food habits. Program planning and exposure to available resources for interdisciplinary services. Current programs in the United States and other countries. Prerequisites, 457 or equivalent, 509, and permission.

NEW

511 Field Work in Public Health Nutrition (2-12, max. 12)

Observation and participation in community agency nutrition programs. Prerequisite, permission.

NEW

556 Seminar in Family Relationships (3)

Seminar on recent developments in the field of family relationships, with emphasis on current research methods and findings and their application to family problems. Prerequisites, 456 or equivalent, and permission.

LINGUISTICS

NEW

101-102-103 Introduction to Language (5-5-5)

An introduction to the nature of language and language learning: linguistics as facilitating foreign language acquisition.

NEW

443J Semantics (3)

A study of recent work in linguistics and its implications for philosophy. Offered jointly with Philosophy. Prerequisite, permission.

NEW

461J Morphology and Syntax (3)

Study of the structuring of meaningful elements in language; practical experience with a wide variety of languages; taxonomic and generative views of grammar; field techniques. Offered jointly with Anthropology. Prerequisite, 400 (may be taken concurrently) or permission.

NEW

524 Seminar in Descriptive Linguistics (2, max. 6)

Individual and joint research on selected topics in descriptive linguistics. Topics to change each quarter. Typical topics are semantics, generative grammar, phonological theories. Prerequisites, 453J, 463J.

MATHEMATICS

NEW

408 Mathematical Optimization Theory (3)

The theory of linear programs and its applications: matrix games. Nonlinear programs and Lagrange multipliers. Assignment problems and various combinatorial *extremum* problems involving directed graphs. Prerequisites, 302, 407.

CHG

485 Replaces 393

NEW

492 Introduction to Stochastic Processes (3)

Random walks, Markov chains, branching processes, Poisson process, point processes, birth and death processes, queuing theory, stationary processes. Prerequisite, 491.

MUSIC

NEW

**130, 230, 330, 430 (Section T, Saxophone)
Vocal or Instrumental Instruction
(2-3, max. 9 each)**

Primarily for majors not specializing in performance; 30 minutes or 60 minutes of private instruction per week. Prerequisite, examination.

NEW

**150, 250, 350, 450 (Section T, Saxophone)
Vocal or Instrumental Instruction
(3-4, max. 12 each)**

For majors specializing in performance; 60 minutes of private instruction and a studio class session in interpretation each week. As many as 4 credits may be earned only by students accepted in the departmental honors program. Prerequisite, examination.

NEW

176 Jazz Ensemble (1, max. 6)

Open to nonmajors. All except 100 and 300 require auditions or permission. Prerequisite, permission.

NEW

311 Advanced Music Theatre Technique (1)

Dramatic interpretation of musical style as represented by the major opera composers since Mozart, including Verdi, Wagner, Strauss, and Puccini. Prerequisite, 211.

NEW

376 Jazz Ensemble (1, max. 6)

Open to nonmajors. All except 100 and 300 require auditions or permission. Prerequisite, permission.

NEW

400 Medieval Music to 1400 (3)

Gregorian chants through Machaut and Landini. Prerequisites, 307, 308, 309, or permission.

NEW

401 Early Renaissance Music, 1400-1525 (3)

Dunstable through Josquin. Prerequisites, 307, 308, 309, or permission.

NEW

402 Late Renaissance Secular Music, 1525-1630 (3)

The madrigal in Italy, England, and Germany. The chanson, Jannequin through Lasso. Prerequisites, 307, 308, 309, or permission.

NEW

403 Late Renaissance Sacred and Instrumental Music, 1525-1630 (3)

Latin church music, Willaert through G. Gabrieli; early Reformation church music, Walther through Gibbons; instrumental music, Cabezón through the English Virginal School and Sweelinck. Prerequisites, 307, 308, 309, or permission.

NEW

404 Keyboard Music, 1630-1770 (3)

Forms and styles, Frescobaldi through J.S. and C.P.E. Bach. Prerequisites, 307, 308, and 309, or permission.

NEW

405 Keyboard Music, 1770-1850 (3)

Haydn through Schumann. Prerequisites, 307, 308, 309, or permission.

NEW

406 Keyboard Music, 1850-1920 (3)

Liszt through Debussy. Prerequisites, 307, 308, 309, or permission.

NEW

407 Baroque Solo Song (3)

Monody and cantata, Caccini through Handel. Prerequisites, 307, 308, 309, or permission.

NEW

408 The German Lied (3)

Schubert through Strauss. Prerequisites, 307, 308, 309, or permission.

NEW

409 French Art-Song, 1250 to the Present (3)

Faure through Poulenc. Prerequisites, 307, 308, 309, or permission.

NEW

410 Chamber Music, 1600-1770 (3)

Frescobaldi through Bach. Prerequisites, 307, 308, 309, or permission.

NEW

411 Music of Africa (3)

Music of the different ethnic groups of Africa and their influence on each other. Prerequisites, 314, 315, 316.

NEW

412 Chamber Music, 1830-1920 (3)

Schumann through Ravel. Prerequisites, 307, 308, 309, or permission.

NEW

413 Orchestral Music, 1620-1760 (3)

Corelli through the Mannheim School. Prerequisites, 307, 308, 309, or permission.

NEW

414 Orchestral Music, 1760-1850 (3)

Haydn through Berlioz. Prerequisites, 307, 308, 309, or permission.

NEW

415 Orchestral Music, 1850-1920 (3)

Liszt through Elgar; the National Schools and the Impressionists. Prerequisites, 307, 308, 309, or permission.

NEW

416 Music of Latin America (3)

The Indian, African, and European music of the countries of the Spanish-, French-, and Portuguese-speaking New World. Prerequisites, 314, 315, 316, or permission.

NEW

417 Music of Indonesia and the Philippines (3)

The music of the Indonesian and Philippine Islands from the high civilizations of Bali, Java, and Sunda, and the small ensembles to Sumatra, Ambon, and the southern Philippines to the tribal music of Borneo and the northern Philippines. Prerequisites, 314, 315, 316, or permission.

NEW

423 Music in the Twentieth Century (3)

Western art music from Debussy to the present, emphasizing techniques adapted from other arts, sciences, continents, and centuries. Prerequisites, 307, 308, and 309, or permission.

NEW

424 A Conspectus of the History of Music to 1760 (5)

A concentrated course in Medieval, Renais-

sance, Baroque, and Preclassical music. Primarily intended for senior transfers and graduates.

NEW

425 A Conspectus of the History of Music from 1760 (5)

A concentrated course in classical, nineteenth- and twentieth-century music. Primarily intended for senior transfers and graduates.

CHG

445 Replaces 514

NEW

454 Music of Japan (3)

The music of Japan from earliest known records until 1700. Prerequisites, 314, 315, 316, or permission.

NEW

455 Music of Japan (3)

The music of Japan from 1700 until the present. Prerequisites, 314, 315, 316, or permission.

NEW

456 Music of China (3)

The music of China from earliest times until the present. Prerequisites, 314, 315, 316, or permission.

CHG

477, 478, 479 Replace 497, 498

NEW

504 Seminar in Medieval Music (3, max. 6)

Prerequisites, 400 and 500, or permission.

NEW

505 Seminar in Renaissance Music (3, max. 6)

Prerequisites, one course from 401, 402, 403, and 500, or permission.

NEW

506 Seminar in Baroque Music (3, max. 6)

Prerequisites, one course from 404, 407, 410, 413, 416-417, or 420, and 500, or permission.

NEW

507 Seminar in Rococo and Preclassical Music, 1700-1760 (3, max. 6)

Prerequisites, one course from 404, 410, 413, or 420, and 500, or permission.

NEW

508 Seminar in the Viennese Classical Period, 1760-1830 (3, max. 6)

Prerequisites, one course from 405, 411, 414, 418, or 421, and 500, or permission.

NEW

509 Seminar in Nineteenth-Century Music, 1830-1890 (3, max. 6)

Prerequisites, one course from 406, 408, 409, 412, 415, 419, or 422, and 500, or permission.

NEW

510 Seminar in Music Since 1890 (3, max. 6)

Prerequisites, one course from 406, 408, 409, 412, 415, 419, 422, or 423, and 500 or permission.

NEW

517 Seminar in Musical Styles (3, max. 6)

Investigations into the stylistic criteria for specific composers and groups of composers. Prerequisites, 500 and permission.

NEW

518 Aesthetics (3)

Aesthetic theories; practical aspects of aesthetics in relation to music criticism, composition, and performance. Prerequisites, 500 and permission.

NEW

519 Editing of Early Music (3, max. 6)

The study of performance practices through the editing of vocal and instrumental music of the seventeenth and early eighteenth centuries. Problems of ornamentation, bowing, figured bass, notation, etc. Collaborative student preparation and conducting of old scores. Prerequisite, permission.

CHG

523 Replaces 526

NEW

505 Systematic Musicology (3)

The use of the scientific method and empirical research procedures in musical investigations.

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NEW

545 Seminar in Musical Learning (3, max. 6)

A study of learning theories as they relate to nonverbal musical learning. Prerequisite, 445 or permission.

NEW

551 Master's Recital (2, max. 4)

Public performance in solo recital, chamber music, cantata, oratorio, or conduction. For students in the Master of Arts in Music degree program. Prerequisite, permission.

NEW

555 Experimental Design in Musical Research (3)

A study of experimental and quasi-experimental research designs and the application of experimental research methods for the investigation of problems in music teaching and learning, performance, and theoretical studies. Prerequisites, 505, Psychology 301, or Education 490, or permission.

NEW

571, 572, 573 History of Theory (3, 3, 3)

571: Ancient, Medieval, and Early Renaissance; 572: Late Renaissance, Baroque, and Early Classic; 573: Classic, Romantic, and Twentieth Century. Prerequisite, full graduate standing or permission.

OCEANOGRAPHY

NEW

403 General Biological Oceanography (5)

Organisms of the sea; quantitative distribution; interrelationships of organisms; influence of environment; methods of sampling. Intended for oceanography majors (other than those in the biological option) and students in related fields. Prerequisite, 203 or either 402 or 404J concurrently, or permission.

NEW

406 Introduction to Geological Oceanography (5)

Coastal processes and shoreline development; topography and sediment distribution on the continental terrace and deep-sea floor; geology and geophysics of mid-ocean ridges. Intended for oceanography majors (other than those in the geological option) and students in related fields. Prerequisite, permission.

NEW

444 Design and Analysis of Oceanographic Experiments (3)

Planning of field and laboratory experiments in oceanography; evaluation and processing of oceanographic data. Prerequisite, Mathematics 281 or permission.

NEW

452 Physical Sedimentology (5)

An introduction to theoretical and experimental techniques used in studying erosion, transportation, and deposition of sediment. Analysis of sediment samples, initial motion of sediments, bed-load motion, suspension of sediment by turbulent flows, erosion and deposition of sediment by turbulent flows, mass movement of sediments, and applications of sediment transport theory to problems of geological interest. Prerequisite, 450 or Chemical Engineering 342.

NEW

455 Biogenic Sediments II (3)

Survey of silicate microorganisms and microfossils, with emphasis on their geological and geographical occurrences and their application to deep-sea stratigraphy. Prerequisite, 454 or permission.

NEW

457 Marine Sedimentation (3)

Origin, transportation, and deposition of marine sediments; marine sedimentary environments; physical aspects of marine sedimentary processes. Prerequisite, 452 or permission.

CHG

460-461 Replaces 460

CHG

462 Replaces 461

NEW

485 Topics in Oceanography (2)

Lectures on oceanographic topics, including physical and chemical properties of water, motions, life in the sea, geological features, data collection, and analysis, etc. Prerequisite, upper-division status in science or engineering.

NEW

505 Current Problems in Geological Oceanography (1)

Discussion of research topics which are currently being investigated within the department. Prerequisite, permission.

NEW

540 Seminar in Geometrics (1-3)

Lectures and discussions on selected problems in the applications of statistics in earth science. Prerequisite, Mathematics 383.

NEW

544 Statistical Models in Oceanography (3)

Multivariate regression, trend surface analysis, factor analysis, discriminant functions, and stochastic-process models in oceanography. Prerequisite, Mathematics 383 or permission.

NEW

560 Fluid Mechanics of Erosion and Sediment Transport (3)

Advanced study of the erosion, deposition, and transportation of sediments by turbulent flows. Special emphasis on the use of theoretical fluid mechanics to formulate and solve problems of bed-load and suspended load transport of sediments, erosion, and deposition of sediments, erodible boundary-wave problems, turbidity currents, beach erosion. Prerequisites, 452 or equivalent, Civil Engineering 543, and permission.

NEW

561 Seminar in Geological Fluid Mechanics (3)

Reading and discussion of topics of current interest in geological fluid mechanics. Course work will include a report on a specialized topic. Prerequisite, permission.

NEW

571J Gravity and Geomagnetic Interpretation (3)

Fundamental concepts; the earth's magnetic field; instrumentation and reduction of magnetic measurements, interpretation of magnetic data; gravity measurements, reduction of gravity observations; interpretation of gravity anomalies. Offered jointly with Geophysics. Prerequisites, Mathematics 324, Physics 327, (or equivalents), Geophysics 405J or Geology 450, and permission.

NEW

573J Terrestrial Magnetism (3)

Advanced aspects of earth magnetism intended for specialists in this field. Extensive discussion of origin theories and their implications; physical basis and theories of magnetism in rocks; paleomagnetic techniques and results. Offered jointly with Geophysics. Prerequisite, 453.

NEW

581J Analysis of Sediments and Sedimentary Rocks (5)

Methods of analysis of sediments and sedimentary rocks, and statistical evaluation, presentation, and interpretation of data. Offered jointly with Geology. Prerequisites, Geology 423, Mathematics 281, or permission.

PHILOSOPHY

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NEW

260 Introduction to Philosophy of Science (3)

An examination of formal languages, the nature of probability, the problem of induction, and determinism.

*

NEW

422 Studies in Continental Rationalism (3, max. 9)

A study of the philosophical system, or some part of the philosophical system, of one or more of the major continental Rationalists: Descartes, Spinoza, Leibniz. Prerequisite, 322 or permission.

NEW

443J Semantics (3)

A study of recent work in linguistics and its implications for philosophy. Offered jointly with Linguistics. Prerequisite, permission.

NEW

464 Philosophical Psychology (3)

Reinstatement of former course.

NEW

472 Logical Theory I (3)

Introduction to the study of traditional formal logic and theories of meaning. Prerequisite, permission.

NEW

473 Logical Theory II (3)

The theory of attributive terms. Quantification theory. Techniques of proof. Prerequisite, 472 or permission.

NEW

474 Logical Theory III (3)

The theory of collective terms. The theory of descriptions. The logistic thesis. The theory of logical types. The semantical paradoxes. The theory of abstract terms. Modal logic. Prerequisite, 473 or permission.

PHYSICAL EDUCATION—MEN

PHYSICAL EDUCATION

NEW

104 Squash (1)

*

NEW

590 Research Methods in Health, Physical Education, and Recreation (3)

Guidance and methods of research for health, physical education, and recreation. Prerequisite, 447 or equivalent.

NEW

591 Research Seminar (2, max. 6)

Development and critique for a research prospectus. Initial reporting, refinement, and

endorsement of the research proposal. Prerequisite, permission.

HEALTH EDUCATION

NEW

499 Undergraduate Research (3, max. 6)

Prerequisite, permission.

NEW

600 Research (*)

Independent research with staff guidance. Prerequisite, permission.

PHYSICAL EDUCATION—WOMEN

PHYSICAL EDUCATION

*
NEW

182 Relaxation Technics (1)

Relaxation technics designed to reduce general muscular tension and to improve physical efficiency.

NEW

229 Advanced Riding (1)

Drill patterns; use of two Cavaletti; Cavaletti and jump; show procedures. Prerequisites, 128 and 228, or equivalent.

NEW

231 Introduction to Movement Analysis (5)

Exemplary topics in the study of human movement including behavioral, experiential, and interpretive perspectives.

NEW

331, 332, 333 Human Kineoenergetics (3 3, 3)

Developmental and functional dynamics of human movement including interaction among structural patterning, mechanisms, regulatory processes, and external physical forces; reciprocal affects of moving on requisites of movement potential. Prerequisites, Zoology 118, 118L, Biological Structure 301, 230 for 331; 331 for 332; 332 for 333.

HEALTH EDUCATION

NEW

481J Foundations of Sex Education (3)

Scientific exploration of physiological, psychological, and cultural aspects of sexual development. Expression, problems, and adjustments of youth and adults. Basic concepts underlying sex education. Offered jointly with Obstetrics and Gynecology. Prerequisite, permission.

NEW

499 Undergraduate Research (3, max. 6)

Prerequisite, permission.

NEW

600 Research (*)

Independent research with staff guidance. Prerequisite, permission.

PHYSICS

CHG

221 Quantum Physics (3) Replaces 222

Introduction to the physics of atoms, molecules, and nuclei; elementary quantum physics. Not open to students who have completed 320. Prerequisites, 123 or 123H; concurrent or previous Mathematics 126 or 136H.

CHG

222 Statistical Physics (3) Replaces 221

Heat, thermodynamics, and the statistical description of matter. Prerequisites, 221 or 320 (may be concurrent), concurrent or previous Mathematics 126 or 136H.

NEW

223 Elementary Mathematical Physics (3)

Applications of mathematics to physics, particularly as illustrated by classical mechanics. Prerequisites, 123 or 123H, and Mathematics 224.

NEW

231 Electric Circuits Laboratory (3)

Basic linear elements in DC, AC, and transient circuits; solid-state and vacuum-tube devices; electrical measurements. Prerequisites, 123 or 123H, and Mathematics 126 or 136H.

NEW

232 Electric Circuits Laboratory (3)

Continuation of 231. Prerequisite, 231.

NEW

301 Review of Mechanics (4)

Review of elementary classical mechanics for junior college physics teachers. Prerequisite, college-level physics teacher.

NEW

302 Review of Electricity and Magnetism (4)

Review of elementary electricity and magnetism for junior college physics teachers. Prerequisite, college-level physics teacher.

CHG

321, 322, 323 Electromagnetism (3, 3, 3) Replace 325, 326, 327

Charges at rest and in motion; dielectric and magnetic media; electromagnetic waves; relativity and electromagnetism; physical optics. Prerequisites, 123, Mathematics 324 or 234H; 321 for 322; 322 for 323.

NEW

324, 325 Quantum Mechanics (3, 3)

Introduction to nonrelativistic quantum mechanics. Prerequisites, 221 or 320, Mathematics 324 or 234H; 324 for 325.

CHG

327 Introduction to Nuclear Physics (3) Replaces 323

A study of nuclear structure, including nuclear reactions, fission, particle accelerators,

and nuclear instrumentation, applications of nuclear phenomena in atomic energy and astrophysics. Not open to students who have completed 422. Prerequisite, 221 or 320, or permission.

NEW

331 Optics Laboratory (3)

Optical and spectroscopic measurements. Prerequisite, concurrent or previous 323.

NEW

405 Laboratory for Physics Teachers (3)

Laboratory work in selected topics in teaching physics, especially at the high school and lower-division college level. Prerequisite, one year of college physics.

NEW

421 Atomic and Molecular Physics (3)

Survey of the principal phenomena of atomic and molecular physics. Prerequisites, 323 and 325, or permission.

NEW

422 Nuclear and Elementary Particle Physics (3)

Survey of the principal phenomena of nuclear and elementary particle physics. Prerequisites, 323 and 325, or permission.

NEW

423 Solid State Physics (3)

Survey of the principal phenomena of solid state physics. Prerequisites, 323 and 325, or permission.

CHG

424, 425, 426 Mathematical Physics (3, 3, 3) Replace 481, 482, 483

424: advanced classical mechanics. 425, 426: mathematical techniques of particular use in physics including partial differential equations. Prerequisites, 323 and 325, or permission; 425 for 426.

CHG

431, 432, 433 Modern Physics Laboratory (3, 3, 3) Replace 471, 472, 473

431, 432: measurements in modern atomic, molecular, and solid state physics. 433: techniques in nuclear and elementary particle research. Prerequisites, 30 credits in physics or permission; 327 or 422, or permission for 433.

NEW

541 Survey of Elementary Particle Physics (3)

A survey of topics in elementary particle physics, intended for the nonspecialist having a background of quantum mechanics. Prerequisite, 519.

NEW

542 Survey of Nuclear Physics (3)

A survey of topics in nuclear physics, intended for the nonspecialist having a background of quantum mechanics. Prerequisite, 519.

NEW

543 Atomic and Molecular Physics Survey (3)

A survey of topics in atomic and molecular physics, intended for the nonspecialist having a background of quantum mechanics. Prerequisite, 519.

NEW

544 Solid State Physics Survey (3)

A survey of solid state physics, intended for the nonspecialist having a background of quantum mechanics. Prerequisite, 519.

CHG

550 Replaces 562

NEW

562 Theoretical Nuclear Physics (3)

Prerequisite, 519.

NEW

569 Theory of Solids (3)

Prerequisite, 519.

POLITICAL SCIENCE

NEW

412 The Western Tradition of Political Thought: Modern (5)

Continuation of 411, treating materials from the seventeenth century through the early nineteenth century, Hobbes through Hegel. Prerequisite, 411 or permission.

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CHG

418 Replaces 412

NEW

439 Government and Politics of Sub-Saharan Africa (5)

A survey of government and politics in the countries of tropical Africa, with major emphasis on political development and national integration in former British Africa. Prerequisite, 201 or permission of instructor.

NEW

447 Comparative Politics in Selected Systems (5)

Comparative study of nationally inherent and globally derived aspects of national political systems. Emphasis will be on the extranational influences on national political cultures, governmental and political organization, and political processes in two or three national political systems. Prerequisite, permission of instructor.

NEW

448 Comparative Federal Systems (5)

An intensive analysis of the development and operation of typical federal systems in established states, and comparisons with those recently adopted in developing areas. Attention will be devoted to legal, political, and socio-economic problems in these federal regimes.

- CHG
481 Replaces 375
- NEW
491 Political Behavior Methodology (5)
 Course will emphasize numeric and symbolic approaches to the study of political phenomena. Consideration will be given to typologies, scales, measurement techniques, sampling of elites, and selected multivariate procedures and the results of the application to legislative, voting, judicial, and administrative behavior. Prerequisite, 490 or permission.
- NEW
504J Seminar on the Modernization of Japan (5)
 Historical and theoretical approach to social, political, economic, and psychological problems of modernization in Japan. Offered jointly with the Far Eastern and Russian Institute as Far Eastern 504J and the Department of History as History 509J. Prerequisite, permission.
- NEW
505 The American Executive (3)
 Executive leadership in public policy formation.
- NEW
532J-533J Seminar in Political Institutions of Contemporary China (3-3)
 Advanced research on structures and functions of political institutions in post-1949 China. Offered jointly with the Far Eastern and Russian Institute. Prerequisite, permission; reading knowledge of Chinese desirable.
- NEW
538 Government and Politics in the Middle East and North Africa (3)
 Study of political change in the area within the context of comparative politics; breakdown of traditional political systems; new range of choice expressed in competing ideologies; governmental and nongovernmental instrumentalities of change; and problems of international relations and regional conflict and integration.
- NEW
539 Politics in Sub-Saharan Africa (3)
 Selected problems of government and politics in the countries of Sub-Saharan Africa. Prerequisite, 439 or permission.
- NEW
553 Public Opinion (3)
 Selected problems in opinion formation, characteristics, and the role of public opinion in the policy-making process. Prerequisite, 452 or permission of instructor.
- NEW
587 Community Minority Politics (3)
 A research seminar organized to develop and test hypotheses concerning the social, economic, and political opportunity-costs to minorities and the poor in gaining responses from urban bureaucracies and representation in community public policy decisions. Prerequisite, permission.
- NEW
590 Seminar in Political Behavior (3, max. 9)
 Analysis of behavioral research in selected fields of political science.
- PSYCHOLOGY**
- CHG
201, 201H Replace 191, 191H
- CHG
202, 202H Replace 191, 191H
- NEW
203 Laboratory in Animal Behavior (3)
 Experience with a variety of animal species and a variety of experimental procedures and instrumentation. (Not offered until 1969-70). Prerequisite, 100 or 190.
- CHG
302, 303 Replace 301
- NEW
402 Theories of Learning (5)
 A review of the major theories and an analysis of contemporary theoretical issues in learning. Prerequisite, 400.
- NEW
411 Experimental Child Psychology (4 or 5)
 Logical problems or methodological issues in child psychology (with logical natural observation or experiment); discussion of recent theoretical developments in children's learning; student-led discussion of recent literature. Eight students per quarter will be allowed to register for 5 credits, with permission of instructor, and will conduct an experiment with preschool children; other students register for 4 credits. Prerequisites, 201, 302, and 306 or equivalents.
- *
 NEW
497 Undergraduate Field Work (1-3, max. 6)
 Individual consultation with faculty member and supervised practicum experience in a broad range of community settings and agencies dealing with psychological problems. Prerequisites, junior or senior major standing and permission.
- NEW
510 Consistency Theories in Social Psychology (3)
 Theoretical and empirical work that focuses on the ramifications of a need or pressure for cognitive consistency; dissonance, balance, and congruity theories will be critically evaluated on the basis of current research. Prerequisites, 503 and graduate major standing.
- NEW
511 Experimental Approaches to Personality (3)
 A survey of current methodology and experimental research in the area of personality. Topics include the relationships of anxiety, hostility, need of achievement, and personal styles to behavior. Prerequisite, graduate major standing or permission.
- NEW
512 Discrimination Learning in Children (5)
 Theories of discrimination learning and some of the relevant literature with special consideration to areas that are relevant to developmental changes in learning; i.e., transfer of training, transportation, acquired distinctiveness of cues. Prerequisite, graduate major standing.
- NEW
513 Motivational Determinants of Children's Behavior (5)
 Developmental considerations of theories of motivation and relevant experimental child literature with consideration of both extrinsic (e.g. reward, delay of reward, punishment) and intrinsic (e.g., novelty, complexity, etc.) factors. Prerequisite, graduate major standing.
- CHG
524 Replaces 424
- NEW
525 Psychodiagnostic Testing (3)
 Training in administration, scoring, and interpretation of individual intelligence tests, projective tests, and other major clinical techniques. Required of all first-year graduate majors in clinical psychology. Prerequisite, first-year graduate major standing.
- CHG
526 Replaces 426
- NEW
527 Psychophysics of Audition II (3)
 Signal detection theory with emphasis upon human psychophysics. Elements of decision theory, models of receiver operating characteristics, and the theory of ideal observers. Applications to auditory masking, intensity and frequency discrimination, recognition memory, and perception of speech signals. Prerequisites, graduate standing and permission of instructor.
- CHG
528 Replaces 463
- CHG
573 Artificial Intelligence (4) Replaces 573J
 Introduction to problem solving. Survey of theorem proving, symbol manipulating, pattern recognition, and inductive problem-solving techniques. Computer models of human thought. Offered jointly with Computer Science. Prerequisite, Computer Science 478J.

ROMANCE LANGUAGES AND LITERATURE

ROMANCE LINGUISTICS AND LITERATURE

NEW

600 Research (*)

Prerequisite, permission of the Graduate Program Adviser.

FRENCH

NEW

297 French-Speaking Europe and Its Culture (3 or 6)

For participants in the Study Abroad program. Readings on aspects of French literary tradition; discussion of social and cultural values as reflected in French literature. Field trips to sites of literary, historical, and artistic interest. Substantial paper (written in English), and higher degree of participation, required for 6 credits. Course conducted in English. Prerequisite, 222 or college equivalent, or permission of instructor.

NEW

350 Drama (3)

Generic study of French drama. Prerequisite, 222, or college equivalent, or placement test.

NEW

351 Poetry (3)

Generic study of French poetry. Prerequisite, 222, or college equivalent, or placement test.

NEW

352 Fiction (3)

Generic study of French fiction. Prerequisite, 222, or college equivalent, or placement test.

*

NEW

427 Fiction Since 1950 (3)

Malraux, Queneau, Sartre, Sarraute, and Duras. Prerequisites, 304, 305, 306.

CHG

441 Replaces 436

CHG

442 Replaces 431

CHG

444 Replaces 432

CHG

445 Replaces 433

CHG

446 Replaces 434

NEW

463 Romantic Drama (3)

French theatre in the romantic period. Prerequisites, 304, 305, 306.

NEW

464 Realist and Naturalist Drama (3)

French theatre in the realist and naturalist periods. Prerequisites, 304, 305, 306.

CHG

465 Replaces 464

NEW

470 Cinema (3)

Major films and figures of French cinema from the beginnings to the present. Prerequisites, 304, 305, 306.

NEW

553 Eloquence (3)

French eloquence of the sixteenth, seventeenth, and eighteenth centuries: d'Urfe, J. de Balzac, Pascal, Bossuet, Fenelon, Massillon, Mirabeau, Danton, de Maistre. Prerequisite, graduate standing.

NEW

599 Graduate Readings (*)

Supervised reading in specific fields. Prerequisite, permission of Graduate Adviser.

ITALIAN

NEW

420, 421, 422 Eighteenth-Century Italian Literature (3, 3, 3)

420: Arcadia and the Melodrama: Metastasio

421: Drama: Goldoni and Alfieri

422: Poetry: Parini, Monti, Foscolo

NEW

450 Manzoni and the Romantic Movement (3)

A study of Manzoni's works, especially the *Promessi Sposi*, as products of Italian romanticism. Prerequisites, 304, 305, 306.

NEW

451 Leopardi and the Lyric (3)

A reading of the *Canti* with lectures, discussions, reports. Prerequisites, 304, 305, 306.

NEW

460 Verismo (3)

A study of representative realistic writers such as Capuana, Verga, Serao, Fucini, and Deledda. Prerequisites, 304, 305, 306.

CHG

590 Replaces 531

NEW

599 Graduate Readings (*)

Supervised reading in specific fields. Prerequisite, permission of the Graduate Program Adviser.

PORTUGUESE

NEW

150 Accelerated (5)

For graduate students in Spanish who wish to develop a rapid command of Portuguese primarily for reading purposes. Prerequisite, graduate standing in Spanish or permission of instructor.

NEW

590 Special Seminar and Conference (2-5, max. 20)

PROVENCAL

CHG

535, 536 Replace 534

ROMANIAN

NEW

420, 421 Structure of Romanian (3, 3)

Descriptive analysis of the phonological, morphological, syntactical, and lexical structures of modern Romanian. Prerequisite, Romance 401 or permission.

SPANISH

NEW

350 Drama (3)

Generic study of Spanish drama. Prerequisite, 203 or college equivalent, or placement test.

NEW

351 Poetry (3)

Generic study of Spanish poetry. Prerequisite, 203 or college equivalent, or placement test.

NEW

352 Fiction (3)

Generic study of Spanish fiction. Prerequisite, 203 or college equivalent, or placement test.

NEW

445 Spanish Drama and Play Production (5)

The first half of the quarter will be an intensive study of five to eight Spanish dramas, with emphasis on problems of style, period, and staging. The second half of the quarter, students will be involved in one of these plays. Climax of the course will be three performances open to the public. Prerequisites, 304, 305, 306.

NEW

484 Twentieth-Century Spanish-American Poetry (3)

Lectures on major trends in modern Spanish-American poetry; close reading and discussion of poems by representative contemporary poets. Prerequisites, 304, 305, 306.

NEW

489 Problems in the Spanish-American Novel (3)

Analysis of specific national movements or literary currents in the twentieth-century novel of Spanish America. Prerequisite, 352 or permission.

CHG

590 Replaces 531

NEW

599 Graduate Readings (*)

Supervised reading in specific fields. Prerequisite, permission of the Graduate Program Adviser.

SCANDINAVIAN LANGUAGES AND LITERATURE

SCANDINAVIAN

NEW

370 History of Scandinavia (3)

A survey of the history of Scandinavia from the Viking period to the present development of the welfare states with particular emphasis on the Scandinavian role in the political development of Europe. Prerequisite, junior standing or permission.

NEW

460, 461 History of the Scandinavian Languages (3, 3)

A survey of the development of the languages from primitive Scandinavian to contemporary Danish, Faroese, Icelandic, Norwegian, and Swedish. Prerequisite, two years of a Scandinavian language or permission.

482 Replaces 382

NEW

517 Nineteenth-Century Swedish Novel (3)

Seminar in the novel from Almqvist to Strindberg. Prerequisites, graduate standing and equivalent of three years of college work in a Scandinavian language.

NEW

521 Recent Swedish Poetry (3)

Seminar in recent and contemporary poetry from Lagerkvist to the present. Prerequisites, graduate standing and equivalent of three years of college work in a Scandinavian language.

NEW

530, 531 Medieval Scandinavian Literature (3, 3)

The study of the main genres in the vernacular, with primary emphasis on the ballads. Prerequisites, graduate standing and equivalent of three years of college work in a Scandinavian language.

DANISH

NEW

450 History of Danish Literature (3)

A one-volume history serves as text. Representative literary works from the earliest times to the present are read to supplement the historical account and to show the evolution of the thought and form of the various genres. Prerequisite, 222 or equivalent.

SWEDISH

NEW

455 History of the Swedish Language (3)

The study of the language from its earliest recorded forms to the present. Prerequisite, 222 or equivalent.

SOCIOLOGY

CHG

330 Replaces 230

NEW

422 General Methodological Strategies (3)

An introduction to the varied strategies of research in sociology. These strategies include laboratory and field experimentation, statistical studies, surveys, field observations, historical and comparative studies, mathematical modeling, and computer simulation. Prerequisite, 223.

NEW

431 Population Analysis (5)

Population growth and distribution, population composition, population theory, urbanization. Determinants and consequences of fertility and mortality trends and migration in economically developed and underdeveloped areas. Open to seniors and graduate students only. Prerequisite, 110 or 310.

NEW

465 Complex Organizations (3)

An examination of the structure of complex organizations. Particular attention will be given to developing generalizations applicable to industrial organizations, businesses, hospitals, prisons, labor unions, governments, universities, armies, and similar formally instituted organizations. The major focus will be on empirical research, with some attention to methodological problems in studying such organizations. Prerequisites, 15 credits in sociology.

NEW

481, 482, 483 Issues in Analytic Sociology (3, 3, 3)

Examination of current issues in sociological analysis. The specific content of the course will vary according to recent developments in sociology and according to the interests of the instructor. Any of the sequence may be repeated with the consent of the instructor. Prerequisite, permission.

NEW

532 Research Methods in Human Ecology (3)

Analysis of community structure, segregation, and other spatial phenomena. Measures of migration, inter-city relations, and diversity. General problems of measuring ecological associations. Prerequisite, 330 or 430.

NEW

533 Research Methods in Demography (3)

Measures of population composition, fertility, and mortality. Life table analysis, standardization procedures, population projections and estimates. Prerequisite, 331 or 431.

NEW

539 Selected Topics in Demography and Ecology (3)

Specialized problems in demography or ecology are covered; for example, migration, fertility, mortality, language, race and ethnic relations, metropolitan community. See quarterly announcement for specific problem to be covered. May be repeated for credit.

NEW

581, 582, 583 Special Topics in Sociology (3, 3, 3)

Examination of current substantive topics in sociology. The specific content of the seminar will vary according to recent developments in sociology and according to the interests of the instructor. Any of the sequence may be repeated with the consent of the instructor. Prerequisite, permission of Graduate Adviser.

CHG

591, 592, 593 Replace 601, 602, 603

SPEECH

NEW

102 Speech, Man, and Society (5)

An introduction to the study of speech communication, the semantic and physical bases of speech, speech in the life of the individual and society, the impeding and facilitating of communication.

NEW

222 Speech in a Free Society (3)

Examination of problems and arguments related to freedom of speech; early English writers on freedom of expression; background of freedom of speech in the United States; contemporary freedom of speech issues.

NEW

270 Introduction to Speech-Communication Science (5)

Basic research principles in speech-communication science; survey of substantive research findings. Prerequisite, 100.

CHG

313 Replaces 476

NEW

372 Methods of Clinical Management (3)

Techniques and procedures for planning effective management of speech disorders. Prerequisite, 373, which may be taken concurrently.

NEW

379 Survey of Speech and Hearing Disorders (3)

For students not intending to major in speech pathology or audiology.

CHG

380 Replaces 480

CHG

381 Replaces 481

CHG

384 Replaces 484

CHG

387 Replaces 487

NEW

402 Speech-Communication and Interpersonal Influence (5)

Source, message, and receiver variables as determinants of communication effects. Examination of major theoretic positions underlying current speech-communication literature in interpersonal influence.

NEW

404 Experimental Methods in Speech-Communication (3)

Application of behavioral research principles to problems in quantification, design, and analysis of data in speech-communication research. Prerequisite, statistics or permission.

NEW

406 Speech-Communication: Behavioral Models and Theories (3)

Examination of selected theories and communication models from the behavioral sciences. Emphasis on application of theory to problems in hypothesis. Testing in empirical research in speech behavior. Prerequisite, permission.

NEW

418 Instrumentation for Speech and Hearing Science (3)

General design problems and application of electronic equipment used in the speech and hearing profession. Includes certain basic concepts about electricity and electroacoustic measurement that are fundamental to the knowledgeable use of audiometric and speech-related instruments. Simple laboratory problems and demonstration.

NEW

429 Rhetoric of Social and Political Movements (5)

Inquiry in the rhetoric of social and political movements; emphasis on the investigations of persuasive discourse; also an examination of the nonverbal persuasion. Prerequisite, junior standing.

NEW

487 Speech Audiometry (3)

Evaluation of auditory function using speech as a stimulus. Implications in differential diagnosis and aural rehabilitation. Prerequisite, 387.

NEW

497 Special Studies in Speech Pathology and Audiology (1-5, max. 15)

Intensive study of selected special problems in speech pathology and audiology. Prerequisite, permission.

NEW

503 Research Methods in Speech and Hearing Science (3)

A study of the interpretations and applications of basic statistical procedures to investigation of specific problems in the communication sciences. Prerequisite, Psychology 301 or equivalent.

NEW

511 Advanced Anatomy of Speech and Hearing Structures (3)

Individual directed dissection and study of selected anatomic structures of speech or hearing mechanisms. Prerequisites, graduate standing and permission of instructor.

NEW

518 Advanced Instrumentation for Speech and Hearing Science (3)

Design and use of electronic and electroacoustic devices for clinical and research purposes in speech and hearing. Proper use of test equipment and signal sources. Laboratory projects to include construction and/or calibration of related equipment.

NEW

596 Seminar in Interpersonal Communications (2)

Examination of experimental literature on selected topics. Subjects to change from year to year including conflict resolution, information processing, communication networks, feedback systems, audience composition research, communication effects. Prerequisite, permission.

ZOOLOGY

CHG

111-112 Replace 111, 112

Prerequisites, 150 for 111-; 111- for -112.

NEW

301 Introductory Physiology (3)

Fundamentals of physiology: biochemistry of cell constituents, environment of the cell, bioenergetics, intermediary metabolism, membranes, control mechanisms. Prerequisites, chemistry through organic, one year of college physics, 10 credits in biological science.

NEW

428 General Physiology of Excitable Tissues (5)

Simple and complex ionic equilibria; electrical properties of membranes; active and passive membrane responses. Impulse generation and conduction; electrical and chemical synapses; structure of muscle and mechanical, thermal, chemical, and electrical aspects of contraction. Prerequisite, 301. Offered alternate years.

NEW

439 Comparative Endocrinology Laboratory (2)

Appropriate experiments to accompany and enlarge on material presented in 438. Prerequisite, 438.

NEW

468, 469 Comparative Physiology (5, 5)

An examination of mechanisms involved in locomotion, perception, and nervous integration, osmotic and ionic regulation, respiration, circulation, etc., with special emphasis on the variety of means by which different animals solve common problems. Prerequisite, 301. Offered alternate years.

NEW

528 Advanced Topics in Physiology (1-3, max. 15)

Advanced considerations in physiology with emphasis on recent developments. Prerequisite, at least one 400-level course in physiology.

NEW

568 Chemical Integration (2)

Graduate seminar dealing with current problems in endocrinology and neuroendocrinology. Prerequisite, permission.

SCHOOL OF BUSINESS ADMINISTRATION

ACCOUNTING

CHG

430 Replaces 344

NEW

570 Seminar in Auditing (3)

To examine the changing business environment of the auditor and the impact of these changes on auditing philosophy, objective, and methodology. The course will focus largely on the auditing of integrated information systems, the use of computers as an audit tool, the expansion of the reporting function, and the administration of the CPA firm to meet changing audit requirements. Prerequisite, permission.

NEW

599 Doctoral Seminar in Accounting (3)

Prerequisite, permission.

ADMINISTRATIVE THEORY AND ORGANIZATIONAL BEHAVIOR (A ORG)

CHG

365, 440, 441, 460, 463, 499, 500, 550, 565, 571-572, 575, 576, 580, 604, 700, 702 Replace Human Relations (H REL) 365, 460, 499, 500, and Policy and Administration (POL A) 440, 441, 463, 499, 550, 565, 571-572, 575, 576, 580, 604, 700, 702

NEW

461 Two-Person Behavior in Organizational Contexts (5)

Clinical examination of those behavioral skills and processes that are most basic in the development of effective individual behavior in business and other organizational contexts. Emphasis on clinical practice in developing: (1) self-awareness; (2) skills and processes in face-to-face communication and interaction; and, (3) structuring effective interpersonal relationships in organizational contexts. Prerequisites, 460 or permission, and senior or graduate standing.

NEW

587 Seminar in Advanced Organization Theory (3)

Investigates the development of a theory of organization with subtheories on structures, processes, goal determination, problem solving, innovation, and change. Appraises various approaches to the study of organizations such as the sociological, normative, descriptive, analytical, and systems approach. Studies in detail the most important conceptual and analytical models of organization such as bureaucratic, information-communication, coalition, economic, and behavioral. Appraises the research methodologies in field studies, laboratory investigations, model building, and simulation. Discusses the future trends in organization theory.

NEW

599 Doctoral Seminar in Administrative Theory and Organizational Behavior (3)

Prerequisite, permission.

BUSINESS ECONOMICS

CHG

300 Replaces General Business 441

NEW

301 Money, National Income, and Prices (4)

Measurement and analysis of business activity in the commodity and money markets; static and dynamic models of income and interest rate determination; problems of policies in the stabilization of business conditions. Prerequisite, Economics 200.

CHG

439 Replaces General Business 439

NEW

499 Undergraduate Research (3, max. 6)

Research in selected areas of business economics. Prerequisite, permission.

CHG

500 Replaces Business and Its Environment 500

NEW

501 Business Economics II (3)

Analysis of real and monetary factors affecting the national and international economic environment in activity supply and demand for money, national income determination, interest rates and credit availability, stabilization problems and policies.

CHG

520 Replaces Finance 520

CHG

593 Replaces Business and Its Environment 593

CHG

594 Replaces Business and Its Environment 594

BUSINESS, GOVERNMENT, AND SOCIETY (BGS)

CHG

101, 361, 444, 445, 499, 570 Replace General Business 101, 361, 444, 445, 499, 570

CHG

200, 510, 552, 562, 571-572, 590, 597, 598, 604, 700, 702 Replace Business and Its Environment 200, 510, 552, 562, 571-572, 590, 597, 598, 604, 700, 702

CHG

307, 403 Replace Business Law 307, 403

NEW

553 Advanced Problems in Business and Public Policy (3)

Advanced contemporary problems in business and public policy; wage and price controls; collective bargaining and strikes in essential industries; racial integration; "undesirable" and "excessive" advertising; industrial impact on the physical environment. Prerequisite, 510.

NEW

565 Industrialization and Social Structure (3)

Continuity and change in the structure of societies undergoing industrialization, with special attention to theories of the American experience, and to the status and power of business.

NEW

575 Theories of Capitalism (3)

The seminar focuses upon the various theories of capitalism developed over the past several centuries and their relevance to our contemporary society. Prerequisite, permission.

BUSINESS POLICY (B POL)

CHG

470, 471, 480, 499, 571-572, 593, 594 Replace Policy and Administration (POL. A) 470, 471, 480, 499, 593, 594

CONJOINT (BA)

CHG

475 Conjoint Honors Colloquium (5, max. 15) Replaces 475H

FINANCE

CHG

427 Replaces 327

CHG

460 Replaces 360

CHG

502 Replaces 500

599 Doctoral Seminar in Finance (3)

May be repeated for credit. Prerequisite, permission.

INTERNATIONAL BUSINESS

NEW

544 Multinational Corporate Systems (3)

Theoretical concepts: structural and sociological systems; intra-company international trade; transfer of corporate skills; transfer pricing; managerial communication; integrations of the different national subsystems; normative deductions. Prerequisite, 515 or permission.

NEW

595 Business Studies Abroad (*, max. 9)

Research and study of foreign business problems in the country or countries where the firms are located. Limited to students who have the approval of a major adviser who has agreed to direct their work in accordance with a definite program of studies.

NEW

599 Doctoral Seminar in International Business (3)

Advanced study and research in different areas of international business; presentations by visiting professors and research specialists; dissertation proposals and critique. Prerequisite, permission.

MARKETING

NEW

300 Marketing Concepts (4)

Analysis of tools, factors, and concepts used by management in planning, establishing policies, and solving marketing problems. Topics cover marketing concepts, consumer demand and behavior, location analysis, marketing functions, institutions, channels, prices, and public policy. (Not open to Business Administration students for credit, nor to those who have taken Marketing 301.)

NEW

341 Product and Price Policies (4)

Examines important aspects of product planning and development, product line decisions, packaging, brand policies, guarantees, and services. Price theory is considered but emphasis is placed on special pricing policies and problems and legal constraints on pricing activity. Prerequisites, 301 and Business Economics 300.

NEW

361 Marketing Channels and Institutions (4)

Analysis of marketing institutions and their functions, marketing channel structure, and channel alternatives available to management. Special attention is given to the role and perspective of the channel manager in directing marketing channel systems. Prerequisite, 301 or equivalent. (Not open to students who have taken 381.)

CHG

411 Advertising (4) Replaces 391

The management of the advertising function and its integration with other forms of promotion. Topics covered are planning the program; determining the most effective approach; evaluation of media and budget; advertising research; advertising institutions; economic and social aspects. Prerequisite, 301.

CHG

500 Marketing Management (4)
Replaces 500, 501

NEW

599 Doctoral Seminar in Marketing (3)

Advanced study and research in various areas of marketing. Presentations by visiting professors; dissertation proposals and critique. May be repeated for credit. Prerequisite, permission.

OPERATIONS MANAGEMENT
(O MGT)

CHG

301, 441, 442, 443, 460 (now 4 credits), 499, 500, 520, 521, 571-572, 604, 700, 702
Replace Production (PROD) 301, 441, 442, 443, 460, 499, 500, 520, 521, 571-572, 604, 700, 702

NEW

582 Analytical Models in Operations Management (3)

Application of quantitative methods to operations management problems. Content will vary. Topics to include design of production facilities, inventory control, production scheduling, maintenance scheduling, quality control, with one or two areas covered in depth each quarter. Prerequisites, 500 and Quantitative Methods 510, or equivalent.

NEW

585 Operations Systems Analysis (3, max. 6)

Analysis of the structure and dynamic behavior of management systems. The dynamics of operations management decision making from the systems point of view, considering the impact of the interaction of the separate elements of an enterprise. The computer as an integral part of decision processes. Study, in different quarters, of such topics as industrial dynamics (theory and analysis of the feedback structure of organizations and computer simulation of feedback models), integrated and automated decision systems, heuristic decision methods, and management information systems. Prerequisites, 500, Administrative Theory and Organizational Behavior 550, and Quantitative Methods 200, or permission.

NEW

599 Doctoral Seminar in Operations Management (3)

May be repeated for credit. Prerequisite, permission.

PERSONNEL AND INDUSTRIAL RELATIONS

CHG

445, 446 Replace 345, 346

NEW

541 Management-Employee Relations Systems in the White Collar and Professional Sectors (3)

Focuses on current and emerging forms of

management and employee relations systems. Primary emphasis is given to new forms of white-collar unionization, bargaining and quasi-bargaining situations between professionals and management, and emerging forms of third party participation in these relationships. Prerequisite, permission.

NEW

599 Doctoral Seminar in Marketing (3)

Advanced study and research in various areas of marketing; presentations by visiting professors; dissertation proposals and critique. May be repeated for credit. Prerequisite, permission.

QUANTITATIVE METHODS
(Q METH)

CHG

200, 201, 350, 360, 444, 450, 451, 460, 470, 480, 490, 499, 500, 510, 516, 520, 544, 550, 571-572, 604, 700, 702
Replace Business Statistics and Operations Research (B STAT) 200, 201, 350, 360, 444J, 450, 451, 460, 470, 480, 490, 499, 500, 510, 516, 520, 544, 550, 571-572, 604, 700, 702

NEW

599 Doctoral Seminar in Quantitative Methods (3)

May be repeated for credit. Prerequisite, permission.

RISK AND INSURANCE

CHG

420 Replaces 320

TRANSPORTATION

NEW

505 Transportation Systems and Institutions (3)

Economic, social and political aspects of the transportation industry from the standpoint of the transportation firm, the user, and the regulatory agencies. Modern physical distribution systems. The economic impact of location on transportation industries. Theoretical and pragmatic considerations in pricing transportation services. Environmental aspects of domestic and international transportation and physical distribution system. The socio-economic impact of advancing technology in transportation. Prerequisite, graduate standing.

*URBAN DEVELOPMENT (UD)

CHG

301 Urban Development Economics (4)
Replaces Real Estate 301

*

CHG

395 Urban Development and Private Investment (4) Replaces Real Estate 410

Prerequisite, 301.

NEW

405 Urban Development and Location of Firms (4)

Spatial equilibrium and the optimum location of business firms and households; decision criteria for location of commercial and industrial firms, and for residences; rent and location theory. Prerequisites, 301, 395.

CHG

496 Research in Urban Development (3)
Replaces Real Estate 496

CHG

520 Urban Development Economics (3)
Replaces Real Estate 520

CHG

521 Investment in Urban Development (3)
Replaces Real Estate 521

NEW

525 Urban Development and Location of Firms (3)

Graduate seminar in spatial equilibrium of the firm and households, both inter-urban and intra-urban; decision criteria for optimum location with constraints; public policy and allocation of urban land uses. Prerequisites, 520, 521, and graduate standing.

CHG

571-572, 604, 700, 702 Replace Real Estate 571-572, 604, 700, 702

NEW

595 Urban Development Problems (3)

Seminar for advanced graduate students concerned with contemporary problems of urban development, including problem identification and measurement; research methodology and techniques; historical and cultural aspects; social indicators. Prerequisites, 520, 521, and graduate standing.

COLLEGE OF EDUCATION

NEW

304 Educational Psychology (5)

Basic educational psychology for teachers. Emphasizes the developmental processes, the process and conditions of learning, instructional strategies, social climate of the classroom, teacher-pupil interactions, and classroom management.

NEW

365 Sensory-Motor and Language Development in Young Children (3)

A study of the perceptual processes inherent in the development of motor and verbal responses in young children. Theories and practices in the development of language and communication skills are examined. Appropriate laboratory experiences are included. A pluralistic, multiple approach to study in this area characterizes the course. Prerequisite, 304.

NEW

366 Modern Theories and Practices in Early Childhood Education (3)

An introduction to modern theories and practices in early childhood education presented via classroom lectures and observations in selected schools and agencies. Prerequisite, 304.

NEW

367 Language Arts and Social Studies in Early Childhood Education (3)

A basic course stressing language arts and social studies as related to the development of the young child. The course familiarizes students with effective teaching procedures and learning resources designed to help children learn language competencies and social awareness within the framework of social studies content. Prerequisite, 304.

NEW

368 Mathematics and Science in Early Childhood Education (3)

A basic course in science and mathematics instruction emphasizing knowledge and skills in teaching scientific and mathematical processes and concepts to young learners. Prerequisite, 304.

NEW

369 Program Planning in Early Childhood Education (3)

The theoretical and practical aspects of planning, selecting, preparing, presenting, and supervising curricular materials and activities in the prekindergarten are presented. (Course taken concurrently with student teaching, 7 credits.) Prerequisite, 304.

NEW

382 Industrial Education: Basic Woodworking for Occupational Therapists (5)

Hand tool processes, elementary machine operations, safety practices, problem solving and planning, methods of assembling and fastening, simple wood finishing. (Not open to students completing 280 and 383.)

CHG

401 Advanced Education Psychology—Learning (3) Replaces 309

Prerequisite, 304 or equivalent.

NEW

413 Adolescence and Youth (3)

An advanced course in the psychology of adolescence and youth. Cognitive, physical, social-emotional patterns and processes are examined. Implications for education are stressed.

NEW

414 Culturally and Economically Disadvantaged Pupil (3)

Survey of social and psychological factors related to the culturally and economically disadvantaged pupil and his education. Prerequisite, 404.

NEW

471 Practicum in Teaching: Early Childhood, Kindergarten, and Primary Grades (4-16)

One of a series of courses providing professional experience in the public schools beyond initial certification requirements for those desiring specialized training. Assignments are approved by the Director of Student Teaching the first day of the quarter. Prerequisites, teaching experience and permission.

NEW

475R Improvement of Teaching: Art Appreciation in the Schools (3)

A course designed for teachers at all levels of instruction, covering subject matter areas on a survey of the history of art to promote an appreciation of our cultural heritage: (1) Development of content in sequential or unit plan studies to incorporate art history in general studies curricula. (2) Development of methods and preparation of materials for classroom presentation. Illustrated lectures. Prerequisite, teaching experience.

CHG

505 Replaces 425A

NEW

511 Behavior Modification of Exceptional Children (3)

Exploration of variables affecting the academic and behavioral performance of exceptional children. Assessment and establishment of instructional programs and procedures.

CHG

515J Replaces 448J

NEW

521 Learning Resources Systems of Instruction (3)

A study of the "systems" approach to instruction and the orchestration of those components, techniques, and arrangements which contribute to that system: e.g., technological services, self-instructional techniques, logistical control of learners, content, learning resources, and learning space. Prerequisites, 455, 520, or permission.

NEW

522 Learning Resources and Learning Domains (5)

A study of the potentials and limitations of visual and auditory stimuli in learning domains (affective, perceptual-motor, and cognitive) as reflected in the relevant literature and research. Prerequisites, 401, 455, 501A, 501B, 520 (or equivalent of these courses).

NEW

523 Doctoral Seminar in Learning Resources (3)

A course restricted to doctoral majors in learning resources. Concentrates on candidate's research in the contemporary field. Preparation for postdoctoral research.

CHG

545 Replaces 545A and 545B

NEW

554 Seminar in the Administration of Colleges and Universities (3)

A study of the internal administration and organization of four-year colleges and universities, with emphasis on both practice and theory. Prerequisite, 450.

NEW

557 Occupational Programs in Higher Education (3)

Analysis of occupational preparation programs in institutions of higher education, industry, and business and governmental agencies, with emphasis on methods of determining content, processes for evaluation, and research.

NEW

563 Seminar in School Personnel Administration (3)

Major emphasis will be the analysis of factors to be considered in the selection and evaluation of teachers, including determination of relevant criteria, acquisition and analysis of data, planning and decision processes. Less emphasis will be given to other school personnel topics. Prerequisite, master's degree in Educational Administration or equivalent.

NEW

564 Practicum in School Psychology (3)

Laboratory work related to the practice of school psychology. Prerequisites, 540, 545, 565.

NEW

593 Experimental Design and Analysis (5)

Experimental design with specific emphasis on the analysis of variance and covariance. Prerequisites, 490 or equivalent, and 591.

NEW

594 Advanced Correlational Techniques (5)

Multivariate analysis, including regression and multiple correlation; partial correlation; phi, tetrachoric, biserial, and point-biserial correlation; the discriminant function; factor analysis; intraclass correlation; trend analysis. Prerequisites, 490 or equivalent, and 591.

NEW

599 Independent Studies in Education (*)

Independent studies or readings of specialized aspects of education. Registration must be accompanied by a study prospectus for the work proposed, endorsed by the appropriate faculty adviser and the Graduate Program Adviser. Prerequisite, permission of instructor and Graduate Program Adviser.

SECRETARIAL STUDIES

CHG

120, 121 Replace 120-121

COLLEGE OF ENGINEERING

AERONAUTICS AND ASTRONAUTICS

NEW

442 Flight Mechanics III (3)

Determination in flight of performance, stability, and control characteristics; comparison with results calculated, using aerodynamic information obtained in the previous courses of the series. Laboratory work is conducted with an airplane available to the department. Prerequisite, 441.

CHG

503 Replaces 514

NEW

AA 524 Aerodynamics of Aircraft Gas Turbine Engines I (3)

Aircraft gas turbine cycle analysis—ramjet, turbojet, turbofan, turboprop, multispool engines, afterburning engines, component behavior, component matching, overall engine performance.

NEW

525 Aerodynamics of Aircraft Gas Turbine Engines II (3)

Aerodynamics of turbines and compressors. Ideal one-dimensional theory, supersonic compressors, cascade theory, performance of a single stage, multi-stage compressors, through-flow theories, actuator disc theory, three-dimensional effects.

NEW

526 Aerodynamics of Aircraft Gas Turbine Engines III (3)

Advanced aerodynamics of turbines and compressors. Secondary flow in turbomachines, boundary layers, separation, mathematics of stochastic processes, turbulence in supersonic inlets, engine compatibility. The transonic compressor, the supersonic turbine, the scramjet.

NEW

587, 588, 589 Techniques of Applied Analysis I, II, III (3, 3, 3)

Review of complex variable. Series expansions, contour integration, generating functions, conformal mapping. Differential equations in the complex plane. Special functions. Asymptotic methods (saddle point, stationary phase, WKB, and others). Fourier and related transforms. Radiation conditions, signal propagation, singular inversions. Green's functions. Applications to problems in engineering and physics. Integral equations. Wiener-Hopf and other special techniques. Prerequisites, 567, 568, 569 or equivalent for 587; 587 for 588; 588 for 589.

CERAMIC ENGINEERING

CHG

412 Replaces Materials Engineering 412

NEW

430 Nuclear Ceramics (3)

Uses and properties of ceramic materials for

nuclear reactors: radiation effects. Prerequisite, 314 or 400. Offered alternate years.

CHG

501 Replaces 512

CHG

512 Replaces Materials Engineering 512

CHEMICAL ENGINEERING

NEW

526 Phase Equilibria (3)

Classical and molecular thermodynamics of phase equilibria, solution theory, thermodynamic stability, and critical phenomena. Prerequisite, 525 or permission.

*

CHG

543J Replaces 543

CHG

544J Replaces 544

*

NEW

555 Interfacial Phenomena (3)

Capillary statics and dynamics; classical and statistical thermodynamics of interfaces; adsorption. Prerequisites, 525, 540.

*

CIVIL ENGINEERING

CHG

316 Replaces 216

NEW

425 Introduction to Urban Planning (3)

Identification of the framework, central concepts, constraints, and issues of the urban transportation planning problem. Offered jointly with Urban Planning.

NEW

452 System Engineering Fundamentals (3)

The methodology and philosophy necessary to employ the system approach to management of natural resources, design of public works systems, or any other complex systems are surveyed. Scientific methods are introduced for the tasks of problem definition, goal setting, system synthesis, system analysis, and choice among alternative systems. Prerequisites, Mathematics 224 and senior standing.

CHG

461 Replaces 561

NEW

477J Model Techniques for Structural Design (3)

The theory and practice of model study as applied to the preliminary design of architectural structures. Offered jointly with Architecture. Prerequisite, Architecture 378 or permission.

NEW

545 Incompressible Flow Through Porous Media (3)

Application of conformal mapping techniques to both confined and free-surface flow through porous media. Groundwater flow provides the basic motivation for the course, but the mathematical methods are developed with a large degree of generality to give the student an insight into their application to other areas of two-dimensional potential theory. Prerequisites, graduate standing and Mathematics 224, or equivalent.

NEW

579 Introduction to Structural Design Optimization (3)

Introduction to the general methods of approach used in optimization. Linear programming theory and its application to linear algebraic problems. Application of linear programming to optimization of design of trusses and frames. Application of linear programming to nonlinear systems using the approach of sectionally linearized constraints. Prerequisite, graduate standing or permission.

ELECTRICAL ENGINEERING

NEW

299 Special Topics in Electrical Engineering (1-5)

New and experimental approaches to basic electrical engineering. May include design and construction projects. Prerequisite, permission of Department Chairman.

NEW

304 Basic Electrical Engineering Laboratory (1)

One three-hour laboratory each week covering measurements of direct- and alternating-current circuits. For mechanical engineering majors. Prerequisite, Mechanical Engineering 263 and corequisite, Mechanical Engineering 363.

CHG

315 Replaces 235

CHG

316 Replaces 236

CHG

317 Replaces 311

CHG

318 Replaces 312

CHG

362 Replaces 364

NEW

364 Electronic Devices Laboratory (1)

A three-hour laboratory each week in electronic devices. Prerequisite, concurrent registration in 363.

NEW

399 Special Topics in Electrical Engineering (1-5)

New and experimental approaches to current electrical engineering problems. May include design and construction projects. Prerequisite, permission of Department Chairman.

NEW

421 Electroacoustics (4)

Fundamentals of acoustics and the electro-acoustical aspects of electromechanical systems. Characteristics of transducers. Synthesis of systems. Prerequisite, 323 or permission.

NEW

476 Logical Design of Digital Devices (3)

Number theory of formal and informal systems, translation, error detection characteristics. Arithmetic operations in formal and informal systems. Boolean algebra, algebraic manipulation and simplification. Topological methods. Switching and logical applications in combinatorial minimization. Analysis and synthesis of sequential logic, minimization criteria. Systems design. Prerequisite, upper-division standing.

NEW

478J Computer Organization and Machine Language Programming (4)

Differences and similarities in computer structure. Flow of control. Instruction codes and their execution for arithmetic, logical, character manipulation, and input-output operations. Indexing and indirect addressing; subroutine linkage. Study of information representations and their relationship to processing techniques. Offered jointly with Computer Science. Prerequisites, fundamental knowledge of FORTRAN and Assembly Language Programming.

CHG

498 Replaces 463

NEW

506 Stochastic Processes and Communication Theory I (3)

Stochastic processes, correlation functions and power spectra, implementation of optimum receivers. Prerequisite, 505.

NEW

507 Stochastic Processes and Communication Theory II (3)

Bandpass channels, fading channels, sampling theorem, optimum mean-square linear filtering, different types of modulation such as linear, frequency, pulse-code, etc. Prerequisite, 506.

NEW

513 Active Circuit Theory (3)

Principles of analysis and synthesis of linear active circuits. Emphasis on general principles, including conservation theorems, invariants, performance limitations in the presence of parasitic elements and realizability conditions. Illustrative applications related to negative resistance amplifiers, feedback amplifiers, and active filters. Prerequisite, 441 or permission.

NEW

525 Acoustics in Engineering (3)

Acoustic wave transmission, reflection, refraction, and diffraction in solids, liquids, and gases. Includes review of continuum mechanics and examples from electro-mechanical sys-

tems. Offered jointly with Department of Mechanical Engineering. Prerequisite, graduate standing in Electrical or Mechanical Engineering, or permission.

NEW

547 Neural Communication and Control in Biological Systems (3)

A first course which conveys the state of quantitative knowledge of how neural events, that is, motion of charged particles, accomplishes communication and control in biological systems. The stress is on experimentally derived mathematical models and their limitations. Prerequisite, graduate standing or permission.

NEW

548 Optimal Control (3)

Variation calculus and optimal control, the Pontryagin Maximum Principle, Bellman's Principle of Optimality and Dynamic Programming. Optimum control of distributed parameter systems. Sensitivity in optimum control. Quasilinearization and other computational methods for optimal control. Prerequisite, advanced graduate standing.

CHG

573 Electromagnetic Theory and Applications II (4) Replaces 575

GENERAL ENGINEERING

NEW

215 Topics in Digital Computing (3)

Continuation of material in 115 to include the entire FORTRAN language, description of the current monitor system, and an introduction to the use of problem-oriented languages. Prerequisite, 115.

MATERIALS ENGINEERING

NEW

251 Materials Science Laboratory (1)

Experiments in materials science designed to illustrate fundamentals related to the structure and properties of engineering materials: optical microscopy, X-ray diffraction, mechanical properties, electrical conductivity, crystal growth, solid-state reactions. Prerequisite, 250 (may be taken concurrently).

MECHANICAL ENGINEERING

NEW

204 Introduction to Manufacturing Methods (3)

A survey of production techniques in the foundry, welding, and machining manufacturing areas. Emphasis is on the economics of and the mechanical characteristics produced by the design choice specifying the manufacturing process. Projections beyond current techniques are included. Lecture and laboratory.

CHG

261 Replaces 260

NEW

308 Production Methods (3)

A study of the principles and application of thermal and mechanical processes in the production of manufactured parts. Lecture and laboratory. Prerequisites, 204 or 201, 202, and 203.

CHG

360 Replaces 367

NEW

363 Mechanical Systems II (3)

Continuation of 263 to include Fourier analysis, Laplace transform, transfer functions, introduction to feedback, matrix methods. Prerequisites, 263 and Mathematics 238.

NEW

364 Mechanical System Dynamics (3)

Application of system concepts to the study of mechanical system dynamics. Vibrations of systems with several degrees of freedom; random oscillations. Laboratory emphasizing dynamic measurements of various physical quantities. Prerequisites, 360 or Civil Engineering 291, and 363.

NEW

401 Metal Casting Theory and Design (3)

Study of the physical phenomena involved in the metal casting process and how their effects can be controlled. Introduction to quantitative analysis of process variables for control. Prerequisites, 201 and 340, or permission.

NEW

403 Material-Removal Processes (3)

Cutting and noncutting processes for material removal in the shaping of manufactured products. Study of forces and of power consumption in the various processes, and relative costs. Prerequisites, 203 (or 204), and 340, or permission.

NEW

406 Corrosion and Surface Treatment of Materials (3)

Corrosion, plating, coating, welding, diffusion bonding, carburizing, and nitriding, from the standpoint of solid-state diffusion theories, adhesion theories, and phase equilibria. Prerequisite, 340 or permission.

NEW

445 Fracture of Engineering Materials (3)

Deformation processes leading to fracture, and the basic mechanics of materials fracture from microscopic and macroscopic viewpoints. Microscopic aspects of plastic deformation and crack propagation. Principles of design and testing for fracture resistance. Prerequisite, 340 or permission.

NEW

450 Mechanical Behavior of Solids (3)

Study of elastic, plastic, and viscoelastic deformations of solids; application to assemblages of bars, and to concentric pressure vessels of thin- and of thick-wall construction. Prerequisite, 340 or permission.

NEW

470 Mechanical Vibrations (3)

Application of single degree of freedom linear systems techniques to mechanical vibration problems. Vibration of multidegree of freedom linear systems using matrix techniques. Applications in vibration isolation, transmission, and absorption problems and instrumentation. Prerequisite, 364 or permission.

NEW

501 Advanced Materials Processes (3)

Consideration of hot and cold fabrication processes with respect to their effects on the mechanical properties of engineering materials. Fundamental aspects of strengthening, anisotropy, and thermal stability in materials processing. Prerequisite, graduate standing in engineering or permission.

NEW

502 Plastic Metal Forming (3)

Stress-strain and stress-strain-rate relations in metal forming. Work of deformation. The slip-line field. Load bounding. Metal characteristics and forming. Applications to basic metal forming processes. Prerequisite, graduate standing in engineering or permission.

NEW

506 Friction and Wear (3)

The general nature of the processes of friction and wear. Rough surfaces and the area of contact. Temperature rise at contact surfaces during sliding, and resulting wear. Boundary friction. Friction and antifricition materials. Prerequisite, graduate standing in engineering or permission.

CHG

518-519 Replaces N518-N519

NEW

525 Acoustics in Engineering (3)

Acoustic wave transmission, reflection, refraction, and diffraction in solids, liquids, and gases. Includes review of continuum mechanics and examples from electro-mechanical systems. Offered jointly with Electrical Engineering. Prerequisite, graduate standing in Mechanical or Electrical Engineering or permission.

METALLURGICAL ENGINEERING

CHG

255 Replaces 224

CHG

270 Replaces 204

CHG

323 Replaces 321

CHG

455 Replaces 424

CHG

460 Replaces 461

CHG

461 Replaces 460

CHG

462 Replaces 441

CHG

463 Replaces 464

CHG

511 Advanced Theory of X-Ray Diffraction (3) Replaces Materials Engineering 513

NEW

512 Transmission Electron Microscopy (3)

Fundamentals of electron optics as applied to microscopy. Applications of contrast theory and electron diffraction with emphasis on defect and multiphase structures in crystalline solids. Prerequisites, 541 and permission.

NUCLEAR ENGINEERING

NEW

487 Radioactive Tracer Techniques (2)

The use and behavior of radioactive tracers; attention to the dynamics of the distribution of trace elements after their introduction into the system under analysis; analysis of current models and application to examples from both living and nonliving systems. Offered jointly with Radiology. Prerequisite, permission.

NEW

530 Advanced Reactor Analysis (3)

Methods giving improvement over elementary approaches based upon diffusion theory; includes the matrix formulation of multigroup equations and their solution, as well as multiphase perturbation theory, the Boltzmann equation for neutrons, and the moments method. Fast reactor analysis including different reactivity coefficients, safety analysis, and various reactor concepts. Prerequisite, 501.

NEW

540 Topics in Bionuclear Engineering I (3)

Investigations into various aspects of the interaction of radiation with biological material. Included may be topics in the analysis of radiation fields, dosimetry, shielding, biological response to radiation, mathematical modeling, etc. Some experiments may be designed and carried out as part of the course. The course will be conducted on a seminar basis with the discussion not limited to material which is already described in the literature. Original research is not excluded. Offered jointly with Radiology. Prerequisite, permission.

NEW

541 Topics in Bionuclear Engineering II (3)

Continuation of 540. Offered jointly with Radiology. Prerequisite, permission.

*

COLLEGE OF FISHERIES

FISHERIES

NEW

459 Aquatic Food Chains (5)

A survey of the sources and nutritional values of foods for fisheries resources. Efficiencies, rates of transfer through the food chain, pollution effects and the potential for using pollution will be considered. Prerequisite, upper-class standing in a biology program.

NEW

504 Invertebrate Pathology (5)

Pathological effects and response to injury in invertebrates. The approach is topical, e.g., inflammation, tumors, physical and chemical trauma, and parasitic diseases, rather than phylogenetic. Under each topic, the discussion is phylogenetic and comparative. Prerequisite, permission.

NEW

531 Seminar in Water Pollution Problems (3)

Analysis of current problems in biology of water pollution in freshwater and marine habitats, critical review of current scientific literature. Integration of biological parameters into social and political systems. Philosophy of water pollution control procedures. Prerequisite, 530 or permission.

NEW

535 Metabolic Effects of Chemical Pollutants (4)

Physiological and biochemical effects of industrial, urban, and agricultural chemicals on aquatic biota; specific metabolic effects of various poisonous and inhibitory substances; modes of inhibition of enzymes systems of aquatic organisms. Prerequisites, upper-division or graduate standing, organic chemistry, general physiology, biochemistry, or cell physiology or equivalent.

NEW

545 Speciation (3)

Intraspecific variation, mechanisms of speciation, and interspecific interactions, with special emphasis of fishes. Prerequisite, Genetics 451 or equivalent.

FOOD SCIENCE

NEW

378 Principles of Fishing Gear and Vessel Development (3)

Principles of fishing techniques used in the major commercial fisheries, related to vessel design and instrumentation required in the operation and handling of specialized fishing gear together with shipboard experience.

*

381 Principles of Fishery Technology II (3)

Principles of process operations for seafood production. Prerequisite, 380.

NEW

522 Biological and Chemical Origins of Foods and Food Components and Their Functional Characteristics (3)

Primary sources of natural food materials with emphasis on living plant, animal, and microbial cells. Natural and synthetic food adjuncts such as flavorings, coloring agents, preservatives, and conditioning agents. Prerequisite, graduate standing in Food Science or equivalent.

NEW

523 Advanced Marine Food Processes (5)

Principles and laboratory studies of advanced processes used in the extraction, concentration, and preservation of food from fish and other marine animals. Prerequisite, graduate standing in Food Science or equivalent.

NEW

524 Micro-organisms in Foods (4)

Occurrence and activity of micro-organisms important in foods as agents of spoilage, fermentation, and food-borne disease; relationship to food or food process; control and detection. Prerequisite, graduate standing in Food Science or equivalent.

NEW

525 Advanced Unit Operations in Food Processing (3)

Prerequisite, 485 or permission.

NEW

526 Advanced Unit Operations in Food Processing Laboratory (3)

Prerequisite, 485 or permission.

QUANTITATIVE SCIENCE

Administered by the College of Fisheries and the College of Forest Resources

NEW

281 Elements of Statistical Method (5)

Elementary concepts of probability. Binomial and normal distributions. Basic concepts of testing hypotheses and estimation. Chi square tests. Linear regression theory. Applications of these methods primarily to biological problems. Prerequisite, Mathematics 105.

*

NEW

391 Introduction to Matrices and Their Applications (3)

Elementary concepts of matrices and matrix operations; use of computer in inverting matrices, solving systems of equations and other matrix operations; applications in operations research and biology. Prerequisites, 281, Mathematics 125, 114 or Fisheries 240 or equivalent course in computer use, or permission.

NEW

392 Techniques of Applied Mathematics in Biology (3)

Methods of approximation including series

approximation; solution of nonlinear equations by numerical methods; introduction to differential equations. Applications to biology. Prerequisites, Mathematics 126, 114 or Fisheries 240 or equivalent course in computer use, or permission.

CHG

396 Replaces Forest Resources (FOR R) 496

CHG

485 Replaces Forest Resources (FOR R) 495

CHG

486 Replaces Mathematics 486

NEW

496 Operations Research in Resource Utilization (3)

Principles of problem formulation and optimization through models for inventory control allocation, waiting-line and replacement; dynamic models for inventory control, and replacement. Application of those principles and theories of operations research in resource management and resource product manufacturing. Prerequisite, 392, 396, or permission.

WILDLIFE SCIENCE

Administered by the College of Fisheries and the College of Forest Resources

NEW

401 Wildlife Biology (5)

A course dealing with the relationships between wildlife and environment and the characteristics of wildlife populations. Prerequisite, permission.

NEW

402 Wildlife and Man (5)

A consideration of the interplay between wildlife and humans. Deals with economic considerations, governmental policy, and human customs concerning wildlife. Prerequisite, permission.

NEW

403 Wildlife and Land Use (5)

Discussion of the effect of land management practices on wildlife diversity and abundance. Prerequisite, permission.

COLLEGE OF FOREST RESOURCES

NEW

323 Forest Biology I (3)

Taxonomy, genetics, evolution, and physiology of forest species as related to structure and environment. Prerequisites, 101, 102, 103.

NEW

324 Forest Biology II (3)

Consideration of environmental parameters and specific forest ecology, after an initial

exposure to ecological principles. Prerequisite, 323.

NEW

325 Applied Forest Biology (3)

Basic concepts and possibilities in the biological manipulation of forests. Includes population, genetic, and environmental manipulation. Prerequisite, 324.

NEW

354 Field Studies—Outdoor Recreation (6)

Studies of outdoor recreation in action. An introduction to the problems of managing large recreation complexes or private county, state, and federal lands during the period of maximum visitor use. Field trips.

CHG

377 Replaces 404

NEW

400 Wood and Fiber Structure (5)

Woody plants. Growth of the tree stem. Development of the woody cell and the structure of coniferous woods including fiber characteristics. Structure of hardwoods, including fibery relationship of wood structure to its total physical properties. Natural defects in wood and fiber. Prerequisite, Botany 111 or permission.

NEW

401, 402 The Physics of Wood and Fiber Composites (4, 4)

401: Equilibrium properties of composite systems. Structure and models, mass density, equilibrium moisture-properties and equilibrium thermal properties. Stress, strain, Hooke's Law for orthotropic materials. Polarization, Simple application; axial and bending stress, dielectric heating. 402: Nonequilibrium properties, mass and energy transport, time dependent electrical behavior, inelastic behavior and vibration. Prerequisites, Mathematics 124, 125, 126, Physics 114, 115, 116.

NEW

405 Woods of the World (3)

A detailed study of the anatomy of woods of the world as related to their identification properties and utilization. Prerequisite, 400.

CHG

415 Replaces 455

NEW

416 Micrometeorological Measurements and Instrumentation (3)

Principles and theories of biometeorological instrumentation. Accuracy, measuring solar and thermal radiation, heat flux, air and soil temperature, atmospheric moisture content, wind. Prerequisites, Mathematics 124, 125, 126, Physics 121, 122, 123, or permission.

NEW

420 Ecology and Natural Science as an Approach to Conservation Education (3)

Classroom and field instruction in ecology, geology, soils, climate, forest pathology, entomology, and wildlife. Course includes field trip designed to give students opportunity to apply knowledge received in classroom. Prerequisite, teacher of science.

NEW

423 Advanced Forest Ecology (3)

A course intended for students with some previous training in ecology. Discussion centered around primary processes and growth, patterns in forest tree species and forest community dynamics and productivity as affected by environment. Several one- to three-day trips throughout the Pacific Northwest. Prerequisite, permission.

CHG

450 Replaces 456

NEW

451 Outdoor Recreation Economics (3)

The application of economic principles to outdoor recreation problems. The elements of demand for outdoor recreation opportunities, the evaluation of recreation alternatives, and the allocation of resources for recreational use on public and private lands. Prerequisite, Economics 201.

NEW

453 Principles of Interpretation (5)

A consideration of the interpretive specialist in outdoor recreation. Increasing visitor enjoyment and manipulating visitor impact through interpretation. Special emphasis on promoting visitor interest and an ecological understanding through information progress. Prerequisite, 450.

NEW

454 Regulation of Recreation Areas (5)

Acquaints the student with the problems of administration and management of large recreational land areas. Includes control of public use, protection of environmental quality, determining carrying capacity, organization structure, and other administrative details. Prerequisite, 450.

NEW

455 Planning and Design of Outdoor Recreation Areas (5)

The physical planning process in resource-oriented recreation and urban development. Relates both the general influences of sun, climate, access, and urban proximity, with specific site influences of topography, vegetation, soil, and water in recreation design. The laboratory includes graphic methods of communication and field trips.

NEW

457 Field Problems in Outdoor Recreation (5)

Application of principles and practices to field problems in outdoor recreation. Extensive field trips. Prerequisites, 450, 451, 453, 454, 455.

NEW

464 Forest Economics and Utilization (3)

Economic principles of market allocation. Changing pattern of forest land use. Major forest products from a process and product perspective. Distribution and marketing of forest products. Growth and development of the forest products industries. Prerequisite, Economics 200.

NEW

479 Analysis of Wood Processing Facilities (3)

Application of wood science and technology to analysis of the effectiveness of wood processing facilities. Production control and quality control related to materials and processes. Procurement control problems. Decision making with respect to product mix, equipment modification, analysis of inventory control, and material movement.

NEW

480 Wood Process Development and Design (3)

Study of the factors influencing feasibility judgments with respect to industrial development and factory design. Feasibility of new forest products manufacturing installations with reference to raw material supply, markets, transportation, and labor supply. Analysis of case histories of forest products manufacturing and facility development. Use of operations research methods in feasibility studies. Prerequisite, permission.

NEW

487 Introduction to Wood Biochemistry (3)

Basic biochemical concepts; emphasis on the chemistry of photosynthesis, plant metabolism, and protein biosynthesis. Prerequisite, Chemistry 232 or permission.

NEW

489 Wood Biosynthesis (3)

Biosynthesis of carbohydrates, phenolic and terpenoid compounds in forest trees, and biochemistry of wood degradation. Prerequisite, 487 or Biochemistry 406.

NEW

501 Elasticity of Wood and Fiber Composites (4)

The concept of stress, strain, and Hooke's law for the orthotropic continuance. Tensor transform of stress, strain, and the elastic coefficients. The compliance and stiffness tensor. Strain energy. Distribution functions for descriptions of internal geometry of composites. Orthotropic elasticity of the fiber wall. Elasticity and two- and three-dimensional fiber networks. Elasticity of particle composite and laminates. Prerequisites, 401 and 402.

NEW

502 Transport Processes in Composite Systems (4)

Time-dependent and time-independent diffusion of moisture and energy in composite materials. Coupled moisture and thermal diffusion. Mechanisms of moisture and thermal transport. Diffusion in the fiber and fiber networks. Diffusion in particle composites. Solution of the diffusion equation by separation of variables and finite difference methods. Prerequisites, 401 and 402.

NEW

516 Graduate Studies in Forest Meteorology (1-5)

Tutorial study. Prerequisite, graduate standing or permission.

NEW

518, 519 Mass and Energy Transport in Living Systems I and II (4, 4)

518: Equilibrium concepts, first and second

laws of thermodynamics and their applications to living systems, including osmosis, capillarity, and photosynthesis. 519: Thermodynamics of irreversible flow processes. Mass and energy transport. The diffusion equation with emphasis on diffusion in living systems. Secondary flow processes including thermodiffusion and thermo-osmosis. Introductory statistical physics with applications to life processes. Prerequisites, Mathematics 124, 125, 126, Physics 114, 115, 116.

NEW

522 Outdoor Recreation Research Methods (3)

The application of scientific method to the study of outdoor recreation problems. The procedures and techniques used in conducting recreation research, such as preparation of problem analyses, research proposals, and study plans; the collection, analysis, and interpretation of data normally used in recreation studies. Prerequisite, graduate standing.

NEW

524 Tropical Forests (3)

A comparative study of the forests of temperate and tropical regions. Diversity in tropical ecosystems. Comparisons among tropical forest biomes. The structure and properties of tropical forest trees and woods. Problems in the utilization of tropical woods basic to the development of tropical forestry management practices. Forest land-use practices and problems in the tropical regions of the world. Prerequisite, permission.

QUANTITATIVE SCIENCE

Administered by the College of Fisheries and the College of Forest Resources

NEW

281 Elements of Statistical Method (5)

Elementary concepts of probability. Binomial and normal distributions. Basic concepts of testing hypotheses and estimation. Chi square tests. Linear regression theory. Applications of these methods primarily to biological problems. Prerequisite, Mathematics 105.

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NEW

391 Introduction to Matrices and Their Applications (3)

Elementary concepts of matrices and matrix operations; use of computer in inverting matrices, solving systems of equations and other matrix operations; applications in operations research and biology. Prerequisites, 281, Mathematics 114, 125 or Fisheries 240 or equivalent course in computer use, or permission.

NEW

392 Techniques of Applied Mathematics in Biology (3)

Methods of approximation including series approximation; solution of nonlinear equations by numerical methods; introduction to differential equations. Applications to biology. Prerequisites, Mathematics 114, 126 or Fisheries 240 or equivalent course in computer use, or permission.

CHG

396 Replaces Forest Resources (FOR R) 496

CHG

485 Replaces Forest Resources (FOR R) 495

CHG

486 Replaces Mathematics 486

NEW

496 Operations Research in Resource Utilization (3)

Principles of problem formulation and optimization through models for inventory control allocation, waiting-line and replacement; dynamic models for inventory control, and replacement. Application of those principles and theories of operations research in resource management and resource product manufacturing. Prerequisite, 392, 396, or permission.

WILDLIFE SCIENCE

Administered by the College of Fisheries and the College of Forest Resources

NEW

401 Wildlife Biology (5)

A course dealing with the relationships between wildlife and environment and the characteristics of wildlife populations. Prerequisite, permission.

NEW

402 Wildlife and Man (5)

A consideration of the interplay between wildlife and humans. Deals with economic considerations, governmental policy, and human customs concerning wildlife. Prerequisite, permission.

NEW

403 Wildlife and Land Use (5)

Discussion of the effect of land management practices on wildlife diversity and abundance. Prerequisite, permission.

SCHOOL OF NURSING

NEW

523 Seminar in Therapeutic Nursing Process I (3)

Analysis and synthesis of concepts relative to therapeutic nursing based upon consideration of individual rights and privileges and selected theories of human development. Library research and field study required.

NEW

524 Seminar in Nursing Leadership Processes (3)

A core course for pre-master's students in nursing. It provides a theoretical and conceptual basis for interaction in nursing leadership roles. The teacher-learner and superior-subordinate processes in achieving personal development and health goals are viewed within the framework of organized systems.

NEW

525 Seminar in Therapeutic Nursing Process II (3)

Analysis and synthesis of concepts relative to therapeutic nursing based upon consideration of the individual's response to crisis and stress as these influence health and illness. Library research and field study required.

NEW

536 Operant Techniques in Modification of Deviant Behavior (3)

Reinstatement of former course. Use of behavioral principles in nursing and other disciplines involved in care of normal and retarded children. Experimental analysis of behavior. Laboratory demonstrations. Enrollment limited. Prerequisite, permission.

NEW

546J Rehabilitation Nursing Seminar I (3)

Analysis of selected theoretical components underlying rehabilitation and utilization of scientific rationale in clinical nursing studies, with emphasis on prevention and maintenance. Library research and field study are required. Offered jointly with Physical Medicine and Rehabilitation. Prerequisite, graduate standing.

NEW

547J Rehabilitation Nursing Seminar II (3)

Reconceptualization of theories of rehabilitation through study of patients with a variety of disabilities, with emphasis on supportive aspects. Library research and field study are required. Offered jointly with Physical Medicine and Rehabilitation. Prerequisite, 546J.

NEW

548J Rehabilitation Nursing Seminar III (3)

Assessment of the nursing problems and direction of nursing therapies for groups of patients with a variety of disabilities, with special emphasis on restorative needs. Library research, intra- and interdisciplinary conferences will be included. Offered jointly with Physical Medicine and Rehabilitation. Prerequisites, 546J, 547J.

NEW

549J Rehabilitation Nursing Seminar IV (6)

Evaluation of nursing therapies used for rehabilitative problems in a variety of settings. Communication of pertinent rehabilitation nursing interventions. Library research and field study are required. Offered jointly with Physical Medicine and Rehabilitation. Prerequisites, 546J, 547J, 548J.

NEW

565 Implications from Microbiology for Nursing (2)

Examination of selected major fields from microbiology. Exploration of particular aspects of those fields and of current research progress in microbiology. Relevance for nursing. Prerequisite, permission.

NEW

566 Seminar in Associate Degree Nursing Education I (3)

Synthesis of teaching-learning theories affecting teaching of nursing in community colleges.

Review of research, analysis of factors influencing teaching in relation to learning needs of students. Prerequisites, Education 555 and permission.

NEW

567 Seminar in Associate Degree Nursing Education II (3)

An examination of principles and concepts of curriculum development and their implications for associate degree nursing education. Prerequisites, 566 and permission.

NEW

568 Seminar in Associate Degree Nursing Education III (3)

Philosophy of and problems of design in conducting institutional research in associate degree nursing programs. Application of research findings to teaching. Prerequisites, 567 and permission.

COLLEGE OF PHARMACY

PHARMACY

NEW

362 Fundamentals of Pharmacotherapeutics (3)

Dosage forms; principles of pharmacology; drug classes, actions and clinical uses, with emphasis on the use of drugs in dental patients. For dental hygiene students. Prerequisites, Chemistry 102, Conjoint (Medical) 317-318.

GRADUATE SCHOOL

COMPUTER SCIENCE

CHG

573 Replaces 573J

Offered jointly with Psychology.

NEW

478J Computer Organization and Machine Language Programming (4)

Differences and similarities in computer structure. Flow of control. Instruction codes and their execution for arithmetic, logical, character manipulation, and input-output operations. Indexing and indirect addressing; subrouting linkage. Study of information representations and their relationship to processing techniques. Offered jointly with Electrical Engineering. Prerequisites, fundamental knowledge of FORTRAN and Assembly Language Programming.

NEW

510 List Processing and String Manipulation (3)

Structure of information sets which reflect the syntactic or semantic relationships in the information. The generation and processing of structures such as lists and trees. Generalized information systems. Pattern recognition and manipulation of symbolic strings. Markov algorithms. Algebraic symbol-manipulation

processes. Syntax, semantics, and use of recent versions of languages such as LISP, FORMULA-ALGOL, SNOBOL, and FOR-MAC. Prerequisite, Electrical Engineering 501 or permission.

NEW

520 Computer Science Seminar (1, max. 3)

Weekly discussion by students and faculty or visitors on topics of current interest. Must be taken by all graduate students for three quarters.

NEW

531 Automata Theory I (3)

Finite, probabilistic, growing, and reproducing automata. Representation of automata by state graphs, regular expressions, logical nets, recursive functions, Turing machines. Prerequisite, Mathematics 305.

CHG

573 Artificial Intelligence (4) Replaces 573J

Introduction to problem solving. Survey of theorem proving, symbol manipulating, pattern recognition, and inductive problem-solving techniques. Computer models of human thought. Offered jointly with Psychology. Prerequisite, Computer Science 478J.

NEW

590 Special Topics in Computer Science (*)

Lectures and discussions of current interest in Computer Science. May not be offered every quarter; content may vary from one offering to another. May be repeated for credit. Prerequisite, permission.

NEW

600 Research (*)

Prerequisite, permission.

700 Thesis (*)

Prerequisite, permission.

GEOPHYSICS

NEW

406J General Seismology (3)

Ray theory analysis applied to an inhomogeneous earth; travel time analysis; observational seismology, instruments, quantitative measurement of earthquakes; properties of earth's interior; tectonic significance of earthquakes. Offered jointly with Geology. Prerequisite, 405J or permission.

NEW

415 Principles of Glaciology (4)

Structure and properties of snow and ice; snow metamorphism, avalanches, heat and mass balance of valley glaciers, glacier structure and flow dynamics, continental ice sheets, sea, lake, and river ice, frozen ground, methods of paleoclimatology and ice-age theories. Prerequisites, upper-division standing and permission.

NEW

451, 452, 453 Fundamentals of Solid-Earth Geophysics (3, 3, 3)

Mechanical behavior of earth materials with seismological applications; description and properties of the earth's gravity field; geomagnetism and geoelectricity; heat and the internal constitution of the earth; rheological character of the mantle. Prerequisites, Physics 327, 372, Mathematics 324, 438; 451 for 452; 452 for 453.

NEW

510J Physics of Ice and Snow (3)

Structure of the water molecule. Crystallographic structures of ice. Electrical, optical, thermal, and mechanical properties of ice. Growth of ice from the vapor and liquid phases. Physical properties of snow. Offered jointly with Atmospheric Sciences. Prerequisite, permission.

NEW

511J Glaciology I: Formation of Snow and Ice Masses (3)

Snow climatology. Transport of snow by wind. Transfer of radiative, sensible, and latent heat at the surface of snow and ice. Freezing of natural water bodies. Heat and mass budget of ice masses. Theories of ice ages. Offered jointly with Atmospheric Sciences. Prerequisite, 510J or permission.

NEW

512J Glaciology II: Structural Glaciology (3)

Heat and mass transfer in snow and ice. Metamorphism. Effects of heat conduction, vapor diffusion, radiation, solid impurities, brine inclusions. Petrography of snow and ice. Flow structures. Bulk physical properties of natural snow and ice. Offered jointly with Atmospheric Sciences. Prerequisite, 511J or permission.

NEW

513J Glaciology III: Dynamic Glaciology (3)

Flow laws of ice, steady laminar flow. Sliding on bedrock. Kinematic waves, glacial surges. Snow and avalanche dynamics. Deformation and drift of sea ice. Relation of structures to deformation. Offered jointly with Atmospheric Sciences. Prerequisite, 511J or permission.

NEW

514J Field Glaciology (6)

Structure and metamorphism of snow cover. Energy exchange at melting snow and ice surfaces. Deformation and flow of glaciers. Climatology and mass budgets. Glacier features. Emphasis on instrumentation, field techniques, and data analysis. Offered jointly with Atmospheric Sciences. Prerequisites, 511J, 512J, or permission.

NEW

535 Introduction to Plasmas in Geophysics (3)

Kinetic theory of ionized gases, phase space distributions, magnetohydrodynamics of conducting fluids, transport processes, configuration-space instabilities in the magnetosphere, charged particle trajectories in nonuniform fields, geomagnetic trapping in radiation belts, electromagnetic and hydrodynamic waves in

anisotropic media, velocity-space instabilities, propagation in the ionosphere and magnetosphere. Prerequisite, graduate standing or permission.

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NEW

539J Structure and Dynamics of Upper Atmosphere (3)

Properties of the ionosphere, electromagnetic wave propagation, the dynamics of the ionosphere. Offered jointly with Atmospheric Sciences. Prerequisite, 542 or permission.

NEW

551J Potential Theory and Application (3)

Newtonian fields; integral theorems; harmonic functions; geopotential, mass, moment, shape of the earth; theory of analysis of gravity and magnetic anomalies. Offered jointly with Geology. Prerequisite, Mathematics 428 or Aeronautics and Astronautics 568, or permission.

NEW

552J Theoretical Seismology (3)

Wave motion in uniform and layered elastic solids, dispersion, surface waves, modal analysis; inhomogeneous and anisotropic media; effects of anelasticity, gravity, and curvature, eigenvibrations of the earth. Offered jointly with Geology. Prerequisite, Aeronautics and Astronautics 546.

NEW

553J Physical Properties of Earth Material (3)

Composition of rocks; mechanical, thermal, magnetic, and electrical properties of rocks; tensor properties of crystals; measurement of rock properties at high pressures and temperatures. Offered jointly with Geology. Prerequisite, Aeronautics and Astronautics 567 or permission.

NEW

571J Gravity and Geomagnetic Interpretation (3)

Fundamental concepts; the earth's magnetic field; instrumentation and reduction of magnetic measurements, interpretation of magnetic data; gravity measurements, reduction of gravity observations; interpretation of gravity anomalies. Offered jointly with Oceanography. Prerequisites, Mathematics 324, Physics 327, (or equivalents), Geophysics 405J or Geology 450, and permission.

NEW

572 Tectonophysics (Selected Topics) (3)

A qualitative discussion of the processes which cause crustal movement, viewed on a global scale, and the techniques used to investigate these processes. Prerequisite, permission.

NEW

573J Terrestrial Magnetism (3)

Advanced aspects of earth magnetism intended for specialists in this field. Extensive discussion of origin theories and their implications; physical basis and theories of magnetism in rocks; paleomagnetic techniques and results. Offered jointly with Oceanography. Prerequisite, 453.

NEW

580 Special Topics in Geophysics (2)

Intensive treatment of a selected topic in geophysics presented by lectures or seminars for students in geophysics and related special fields. Subject is selected from all areas in geophysics and is expected to vary from year to year. Prerequisite, graduate standing or permission.

700 Thesis (*)

SCHOOL OF LIBRARIANSHIP

NEW

465 Hospital and Institutional Libraries (3)

Orientation in the field: organization and techniques that apply to different types of hospitals, institutions, and public library extension services. Special emphasis on bibliotherapy and the library's contribution to rehabilitation.

NEW

485 Seminar in Library Programs for Children and Young People (1-5)

A course designed to provide an opportunity for discussing changing concepts in library development for children and young people, and for planning programs that reflect current educational trends. Prerequisites, 454 or equivalent, and permission of instructor.

NEW

491 Documentation (3)

A course in the various means of recording, organizing, locating, and duplicating informational materials. Emphasis will be given to practical methods of the documentation cycle.

NEW

537 Library of Congress Classification (3)

An extensive consideration of the basic principles of Library of Congress classification and subject headings. Emphasis is on theory and practice in the use of the scheme. Prerequisites, 443, 535.

SCHOOL OF PUBLIC AFFAIRS

PUBLIC ADMINISTRATION

NEW

552 Administrative Problems of Development (3)

Problems of administering developing nation-states and regions, including theoretical aspects of development administration, bureaucratic change, administrative-political interaction in policymaking, organizational development, political impact of administering major programs. Prerequisites, Political Science 473, 474, or permission.

NEW

553 Comparative Urban and Regional Administration (3)

A comparative analysis of the organizational

structure and administrative and political behavior within urban and regional governmental units and the relationships of these units to national governments. Prerequisite, permission.

PUBLIC POLICY

NEW

580J Medical Care (2)

An interdisciplinary seminar designed to survey factors affecting the delivery of medical care. The subject will be viewed by representatives of medicine, sociology, economics, and political science. Offered jointly with Preventive Medicine. Prerequisite, graduate standing.

NEW

590, 591, 592 Midcareer Seminar (3, 3, 3)

Interdisciplinary seminar in public policy for midcareer executives. Open to National Institute of Public Affairs award winners and others by permission.

NEW

593, 594, 595 Policy Development and Administration: Natural Resources (3, 3, 3)

Interdisciplinary research seminar in natural resources policy development and administration. Major concern is with the processes of natural resources policy formulation and analysis, and the role of various sectors in influencing policy development and administration. Open to graduate and professional students in varied disciplines who are emphasizing preparation in natural resources fields. Prerequisite, permission.

NEW

604, 605, 606 Degree Project (2-6 each)

Prerequisite, permission.

SCHOOL OF SOCIAL WORK

CHG

500 Replaces CSSWK 500 (Formerly approved for Continuing Studies)

NEW

527 Social Work Practice With Groups (2)

Study of service of clients within a social work group; especially adapted for students specializing in either social casework or community organization. Prerequisites, 521 and second-year standing.

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SCHOOL OF DENTISTRY

COMMUNITY DENTISTRY

Formerly Department of Dental Science and Literature

CHG

100, 131, 200, 300, 301, 401, 403, 430-431-432, 433 Replace Dental Science and Literature (DSL) 100, 131, 200, 301, 401, 403, 430-431-432, 433

DENTISTRY

NEW

401 Treatment Planning Seminar (1-1-1)

A seminar devoted to the discussion of treatment plans for patients of fourth-year students.

NEW

402 Special Studies in Dentistry (2 or 4, max. 8)

Special studies offered by the various departments from which students may elect areas which have special interest to them.

CHG

N515-516 Replace 516

NEW

587 Masticatory Functional Analysis and Occlusal Adjustment (2)

This course is designed to enable the graduate dental student to mount dental casts on an adjustable articulator, allowing for the reproduction of various mandibular border movements related to the functional occlusion of the teeth. The student is also taught occlusal adjustment. For orthodontic graduate students only.

FIXED PARTIAL DENTURES

CHG

132, 133, 134 Replace Operative Dentistry 132, 133, 134

ORAL BIOLOGY

CHG

431 Replaces 131

NEW

515 Surgical Oral Pathology (2-4, max. 16)

The objectives of this course are to train students to interpret microscopic slides of lesions from the oral cavity and related areas, and to correlate these with the clinical findings. Each student will be responsible for the grossing of specimens and the preparation of histology reports. Prerequisite, permission.

PERIODONTICS

CHG

407, 408 Replace Dental Hygiene 407, 408

NEW

450 Honors Course in Periodontics (1, 1, 1)

Intensive clinic-seminar experience in periodontics for selected fourth-year students.

NEW

599 Periodontal Pathology (2)

Course objective is to cover in depth the gross, microscopic, and chemical alterations observed in the tissues in periodontal disease and to discuss the various concepts concerning the nature of the underlying lesion. The course will be conducted on a seminar basis and will draw heavily from the current literature. Prerequisites, 445, 500, or permission.

*

SCHOOL OF MEDICINE

BIOCHEMISTRY

410, 411 Biochemistry for Medical Students (3, 3)

Lectures and conferences cover the fundamentals of biochemistry with emphasis upon chemical structure, enzymatic reactions, intermediary metabolism, control mechanism, and biochemistry of physiological functions. Prerequisite, first-year medical student or permission.

CHG

412 Replaces 443

NEW

562 Physical Chemistry of Proteins (2)

The conformation of proteins and enzymes as revealed by X-ray diffraction analyses, stereochemical and energy potential calculations, and interaction with light and magnetic fields. Multiple equilibria involving small ligands and proteins. Prerequisite, Chemistry 351, organic chemistry, Biochemistry 442, or permission.

NEW

563 Structure and Function of Proteins (2)

Consideration of the chemical structure and conformation of proteins as they relate to biological function and molecular evolution. Particular emphasis will be given to the structure and chemical modification of active sites of enzymes and to subunit interaction in more complex proteins. Prerequisite, 442 or permission.

NEW

571 Chemical Regulation of Cell Growth and Function (2)

A description of cell growth and function in terms of chromosome replication, modulations of chromosomal activity, and regulation of enzyme synthesis and activity. Prerequisite, 442 or permission.

NEW

583 Advanced Biochemistry Laboratory (2)

Experiments in advanced techniques used in biochemical research, including ultracentrifugation, electrophoresis, chromatography, spectrophotometry, and radioactive isotope techniques. Prerequisites, 441, 444, and permission.

NEW

590 Proteins and Enzymes Seminar (1, max. 8)

Weekly conferences on current research in protein and enzymes. For graduate students in biochemistry. Prerequisite, permission.

NEW

591 Seminar on Protein Structures (1)

Topics on the determination of protein structure by X-ray crystallography, and on relationships between structure and chemical properties in solution and in the crystalline state. Prerequisite, permission.

NEW

592 Seminar on Lipid Biochemistry (1)

Topics of research interest in lipid biochemistry will be discussed in detail. The organic chemistry and physical chemistry of simple and complex lipids will be undertaken in considerable detail. Prerequisite, permission.

NEW

593 Seminar in Nucleic Acid Chemistry and Protein Synthesis (1)

Seminar discussions in current developments in the chemistry of nucleic acids and protein biosynthesis. Prerequisite, permission.

NEW

594 Glycogen Metabolism Seminar (1)

Weekly conferences on research in glycogen metabolism. Prerequisite, permission.

NEW

595 Ontogeny and Phylogeny (1)

Weekly conferences on current research in ontogeny and phylogeny.

NEW

596 Clinical Chemistry Seminar (1)

Conferences on research and development in clinical chemistry. For postdoctorals in clinical chemistry and graduate students with permission. Prerequisite, permission.

NEW

597 Plant Viruses Seminar (1)

The structure and mode of replication of plant viruses will be discussed in detail. The effects of ultraviolet radiation on plant viruses and their component protein and nucleic acids will be examined. Prerequisite, permission.

NEW

598 Seminar in Developmental Biology (1)

Discussion will cover recent advances in the field of developmental biology, especially those areas that are or can be analyzed by a biochemical approach. Prerequisite, permission.

NEW

599 Seminar in Physical Chemistry of Polymers (1)

Weekly conferences on current research in the physical chemistry of macromolecules. For graduate students in biochemistry. Prerequisite, permission.

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BIOMEDICAL HISTORY

*

NEW

410 History of Medicine in the United States (2 or 5)

A detailed survey of the development of medicine in the United States from the colonial period to the twentieth century. Medical students receive 2 credits.

NEW

411 American Medicine During the Colonial Period (3)

A detailed examination of the background and beginnings of the medical profession in America. The main emphasis will be placed on the events that led to the emergence of a distinctive American medical profession in the post-Revolutionary era.

NEW

412 American Medicine During the Early National Period, 1787-1865 (3)

A study of the American medical profession from the early years of independence until the conclusion of the Civil War. The major emphasis will be placed on the development of what could be called an American School of Medicine during the early part of this period, and its disintegration into sectional medicine at the end of the era.

CHG

414 Replaces 440

NEW

415 History of Public Health (2 or 5)

A survey of the public health movement from its Greco-Roman origins to the present time, with emphasis on leading figures and significant events. Credits available are 5 for students interested in the field of public health; 2 for a medical student's elective.

CHG

419 Replaces 419J

NEW

420 Evolutionary Thought and Society (3)

A survey of the development of organic evolutionary thought from ancient times to the present. Consideration will be given to the impact of evolutionary ideas on both the lay and scientific communities. The rise of modern genetics and the significance of genetical and evolutionary knowledge for a variety of intellectual disciplines will be investigated.

NEW

425 The History of the Biological Sciences in America (5)

A survey of the character of biological research, teaching, and publication in America from colonial times to the present. Attention will be given to major scientific controversies and to the seeming and real conflict of scientific values with the religious, aesthetic, intellectual, and political traditions of the community.

NEW

430 Medicine in the Age of Reason (3)

A detailed consideration of the development of medical theory and practice during the seventeenth and eighteenth centuries. Emphasis will be placed upon the interacting forces and ideas leading to the establishment of scientific medicine.

NEW

431 Medicine During the Nineteenth Century (3)

A detailed consideration of the development of the basic and clinical medical sciences during the nineteenth century, emphasizing medical theory and practice. Prerequisites, 301 or 304, 402 or 501, and 502.

CHG

432 Replaces 444

NEW

440 History of United States Military Medicine through the Nineteenth Century (3)

Medicine and surgery practiced during the early wars of the United States, with particular emphasis upon the medical advances resulting from these wars.

NEW

450 Medicine in Nonliterate Societies (2 or 3)

A survey of various cultural settings of medical practice will be followed by detailed considerations of public reactions to illness, types of therapy, and the selective impact of cultural contact on medical practices. Available are 2 credits to medical students, 3 credits for others.

NEW

451 The Curer: A Cross Cultural Comparison (3)

A general consideration of the training and types of curers will precede case studies of curing practices from world ethnography. Attention will be paid to specific curing situations, rather than to theoretical formulations and model building.

NEW

452 Culture and the Ecology of Disease (3)

The ecology of food production in hunting and gathering, pastoral, and agricultural societies; culture and parasitic diseases (trypanosomiasis and schistosomiasis); culture and metabolic disorders (sickle cell anemia and kuru); problems relating to culture-bound syndromes.

NEW

460 Chinese Medicine: The Classical Position (2 or 3)

The philosophical and shamanistic backgrounds of Chinese Medicine (Confucianism, Taoism, the Yin-Yang School, Wu and Ku Sorcery); early medical men of China (the Yellow Emperor, Pien Ch'iao, and others); the early syntheses of Chang Chung-ching and Huang-fu Mi. Medical students may earn 2 credits; 3 credits are available to others.

NEW

461 Chinese Medicine from the T'ang Dynasty to 1850 (3)

A summary consideration of how the classical position in Chinese medicine paves the way for discussions in medical ethics and forensic medicine, foreign influences on Chinese medicine, and the development of the principal therapies of Chinese medicine, herbs, and acupuncture.

NEW

462 Chinese Responses to Biology and Medicine from the West (3)

The early flow of ideas between East and West has a stop and go history. Reasons for this ready acceptance at one time and extreme xenophobia at another are considered. The selective acceptance of Western science is also explored.

NEW

463 Acupuncture (3)

The origins and development of one of the principal Chinese therapies; the meridians and points of acupuncture will be considered in detail as well as the physiology that underlies acupuncture; diffusion of acupuncture to the West and its modern practice.

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MEDICINE

*

NEW

490 Emergency Room—King County Hospital (*)

General medical training in the emergency room of the King County Hospital, encompassing medicine, pediatrics, and surgery. Prerequisite, fourth-year medical student.

MICROBIOLOGY

NEW

505 Immunochemical Techniques (*, max. 3)

Theory and use of current immunochemical techniques. Prerequisites, 551 which may be taken concurrently, and permission.

NEW

551 Immunochemistry (2)

Discussion of the synthesis, structure, and reactions of antibody molecules. Prerequisites, 5 credits in biochemistry and permission.

NEW

702 Degree Final (3)

Limited to students completing a nonthesis master's degree program. Prerequisite, permission of Department adviser.

NEUROLOGICAL SURGERY

NEW

498 Undergraduate Thesis (*)

Offered to those students who have engaged in summer research in the Department of Neurological Surgery. Provides time for extension of such projects, and opportunity to study and prepare for completion of thesis on selected neurosurgical subjects. Elective for medical students. Prerequisites, summer research and permission.

NEW

499 Undergraduate Research (*)

Prerequisite, permission.

OBSTETRICS AND GYNECOLOGY

NEW

N401 Understanding Human Sexuality (0)

A series of 1½-hour seminar discussions to be held monthly, presenting basic concepts underlying sex education. Scientific exploration of physiological, psychological, and cultural aspects of sexual development, expression, problems, and adjustments of youth and adults. Elective for freshmen. Prerequisite, permission.

NEW

465 Introduction to Obstetrics and Gynecology (8)

Four weeks of clinical clerkship in obstetrics and gynecology, to include daily seminars with the faculty on pre-assigned topics, followed by morning and afternoon preceptorial sessions with inpatients and outpatients. Required for third-year medical students.

NEW

481J Foundations of Sex Education (3)

Scientific exploration of physiological, psychological, and cultural aspects of sexual development. Expression, problems, and adjustments of youth and adults. Basic concepts underlying sex education. Offered jointly with Health Education. Prerequisite, permission.

OPHTHALMOLOGY

NEW

498 Undergraduate Thesis (*)

Original research on the visual system. Elective. Prerequisite, permission.

NEW

499 Undergraduate Research (*)

Laboratory or clinical research in physiology, anatomy, or biochemistry of the visual system. Elective. Prerequisite, permission.

OTOLARYNGOLOGY

NEW

498 Undergraduate Thesis (*)

Student will work directly with department faculty in selecting a suitable area for laboratory or clinical research in the area of otolaryngology, and will develop a thesis for recognition. Prerequisite, permission.

NEW

499 Undergraduate Research (*)

Prerequisite, permission.

ORTHOPEDICS

NEW

498 Undergraduate Thesis (*)

Student will work directly with a preceptor in selecting a suitable area for laboratory or clinical research in the area of orthopedics, and will develop a thesis for recognition. Prerequisite, permission.

PATHOLOGY

CHG

320, 321, 322 Replace 320, 321, 322-

CHG

423-424-425-426 Replace -424-425

CHG

441-442-443 Replace 440-441-442-443
(Medical students only)

CHG

444-445 Replace 440-444-445 (Dental
students only)

PEDIATRICS

CHG

475, 476, 477, 482, 483 Replace 480A, 480B,
480C, 482A, 482B

PHARMACOLOGY

*

NEW

532 Essentials of Toxicology (2)

A study of harmful effects and various factors that influence the harmful effects of chemicals on biological tissue. Prerequisites, 442-443 or 301-302 or 234.

NEW

533 Methods of Toxicology (2)

A combined laboratory demonstration and didactic consideration of chemical, physical, and biological methods involved in studies of harmful effects of chemicals on biological tissue. Prerequisites, 442-443 or 301-302 or 234.

PHYSICAL MEDICINE AND REHABILITATION

*

NEW

460- Beginning Physical Therapy
Procedures (2-)

Introductory principles and concepts related to clinical physical therapy. Laboratory and clinical practice of basic physical therapy procedures in hydrotherapy. Application of physiological principles to clinical procedures. Prerequisite, physical therapy student.

CHG

-461 Replaces 461

CHG

473 Occupational Therapy Theory—
Administration and Supervision (3)
Replaces 484

NEW

474 Pre-Vocational Evaluation and
Exploration (2)

The study of various types of pre-vocational programs; evaluation techniques, training procedures, and other considerations pertinent to job placement. Prerequisite, fourth-year student in Occupational Therapy.

CHG

475 Replaces -475

CHG

476 Replaces -476

NEW

477 Group Techniques (2)

Experience in knowledge and understanding of self, group, and organizational behavior through participation in a learning group and through observation of patient groups. Focal point will be directed around the use of activities. Prerequisite, fourth-year student in Occupational Therapy.

NEW

484 Occupational Therapy Theory-Physical
Disabilities (3)

Emphasizes the total rehabilitation of the physically-disabled patient. Includes laboratory demonstrations, and practices in assessment techniques, prosthetics, orthotics, and activities of daily living. New developments from the field are analyzed and evaluated. Prerequisite, third-year student in Occupational Therapy.

CHG

515J Replaces 448J

NEW

540 Application of Measurement Systems (2)

Introduction to, and clinical application of, measurement concepts pertinent to occupational therapy. Prerequisite, permission.

NEW

546J Rehabilitation Nursing Seminar I (3)

Analysis of selected theoretical components underlying rehabilitation and utilization of scientific rationale in clinical nursing studies, with emphasis on prevention and maintenance. Library research and field study are required. Offered jointly with Nursing. Prerequisite, graduate standing.

NEW

547J Rehabilitation Nursing Seminar II (3)

Reconceptualization of theories of rehabilitation through study of patients with a variety of disabilities, with emphasis on supportive aspects. Library research and field study are required. Offered jointly with Nursing. Prerequisite, 546J.

NEW

548J Rehabilitation Nursing Seminar III (3)

Assessment of the nursing problems and direction of nursing therapies for groups of patients with a variety of disabilities, with special emphasis on restorative needs. Library research and intra- and interdisciplinary conferences will be included. Offered jointly with Nursing. Prerequisites, 546J, 547J.

NEW

549J Rehabilitation Nursing Seminar IV (6)

Evaluation of nursing therapies used for rehabilitative problems in a variety of settings. Communication of pertinent rehabilitation nursing interventions. Library research and

field study are required. Offered jointly with Nursing. Prerequisites, 546J, 547J, 548J.

NEW

550 Electromyography for Occupational
Therapists (3)

Designed to familiarize the occupational therapist with some of the principles of electromyography. Lectures with demonstrations and practice sessions.

NEW

600 Research (*)

Research under the supervision of individual faculty members. Prerequisite, permission of Graduate Program Adviser.

PHYSIOLOGY AND BIOPHYSICS

*

NEW

430 Mathematical Methods of Physiology
and Biophysics (3)

Selected mathematical methods particularly useful in physiology and biophysics are developed. Emphasis is on deriving mathematical descriptions, usually in the forms of ordinary or partial differential equations, for physiological systems. Topics covered will usually include solution of differential equations using the Laplace transform linear approximation of nonlinear systems, transfer function, and Green's function description of physiological systems. Prerequisite, permission.

NEW

431, 432 Biological Control Systems (3, 3)

Application of feedback and control system theory to the analysis of physiological regulation. Review of appropriate mathematical techniques. Discussion of applications to cardiovascular, respiratory, and temperature regulation, and to nervous and endocrine systems. Prerequisite, permission.

437 Computer Programming for Biological
Research (3)

Application of procedure-oriented languages to biological research. Stress is placed on programming in FORTRAN IV, ALGOL, and digital-analog simulator. Programming practice on various computers is assigned with term-program written at conclusion of course. Prerequisite, permission.

NEW

470 Selected Topics in Endocrinology and
Metabolism (3)

Reading and discussion of current literature, with emphasis on regulatory mechanisms in mammals. Prerequisite, permission.

NEW

519 Membrane Biophysics Seminar (1)

Detailed discussion and study of current topics in cell membrane function and structure.

NEW

537 Real-Time Computer Systems (3)

Use of digital computer as an instrument in biological experimentation. Includes real-time analog-digital conversion, digital-analog conversion, interrupt processing from the "real" world, display and analysis of data. Prerequisite, permission.

NEW

545 Physiology of Vision (3)

Selected readings from recent literature on visual systems. Emphasis is placed on studies of single neuron discharge, but other topics, such as biochemistry of visual pigments and optical properties of the eye, are usually included. Prerequisite, permission.

NEW

549 Properties of Neurons (3)

Offered in alternate years with 545. Selected readings from recent literature comparing properties of neurons from different regions of the vertebrate central nervous system. Emphasis is on the critical evaluation of data obtained by intracellular recording. Prerequisite, permission.

NEW

551 Physiology of Cerebellum (3)

Function of cerebellum and its afferent and efferent systems; discussion of current physiological literature. Prerequisite, permission.

NEW

559 Integrative Neurophysiology (3)

Interpretation of neurophysiological phenomena from comparative, biophysical, and evolutionary standpoints.

NEW

560 Contraction of Skeletal Muscle (3)

Offered in alternate years. Prerequisite, permission.

NEW

580 Special Topics in Physiological Control Systems (*)

Selected physiological control systems will be covered in detail. A literature survey of pertinent papers will be used as a basis for indicating the direction of future research. Prerequisite, permission.

PREVENTIVE MEDICINE

NEW

474 Statistical Methods in Dentistry (2)

Application of statistical techniques to dental research, design, and interpretation of clinical and laboratory studies.

NEW

507 Applied Immunochemistry (3)

Intensive. Theory and techniques for antigenic analysis of micro-organisms (bacteria, mycoplasmas, and viruses). Prerequisites, 5 credits each in microbiology and biochemistry, and permission.

NEW

519 Principles of Epidemiology (3)

Lectures and discussions covering evolution and meaning of epidemiology, concepts of disease causation, basic epidemiologic methods and descriptive, analytic, and experimental epidemiology. A term paper on the epidemiology of an assigned disease will be required. This course is a prerequisite for Preventive Medicine 520 and 521. Prerequisites, introductory microbiology and statistics or permission.

NEW

580J Medical Care (2)

An interdisciplinary seminar designed to survey factors affecting the delivery of medical care. The subject will be viewed by representatives of medicine, sociology, economics, and political science. Offered jointly with Public Policy (School of Public Affairs). Prerequisite, graduate standing.

NEW

591, 592, 593 Special Topics in Advanced Biostatistics (3, 3, 3)

Multivariate analysis, clinical trials, health survey design and analysis, Bayesian procedures, regression and classification techniques, applications of contagious distributions in ecology, and other advanced statistical methods will be covered. Each course may be repeated once for credit. Prerequisite, permission.

PSYCHIATRY

NEW

350 Mental Health of Minority Groups (2)

A survey of the problems of minority groups with particular emphasis on the conditions related to the development of mental health. Emphasis will be placed on the situation of the Negro, although Indian, Oriental, and Spanish-American groups will be included. Prerequisite, junior standing.

*

RADIOLOGY

*

NEW

487 Radioactive Tracer Techniques (2)

The use and behavior of radioactive tracers, with particular attention to the dynamics of the distribution of trace elements after their introduction into the system under analysis. Analyzation of current models and application to examples from both living and non-living systems. Offered jointly with Nuclear Engineering. Prerequisite, permission.

NEW

540 Topics in Bionuclear Engineering I (3)

Investigations into various aspects of the interaction of radiation with biological material. Included may be topics in the analysis of radiation fields, dosimetry, shielding, biological response to radiation, mathematical modeling, etc. Some experiments may be designed and carried out as part of the course. The course will be conducted on a seminar basis with the discussion not limited to material which is already described in the literature. Original research is not excluded. Offered jointly with Nuclear Engineering. Prerequisite, permission.

NEW

541 Topics in Bionuclear Engineering II (3)

Continuation of 540. Offered jointly with Nuclear Engineering. Prerequisite, permission.

SURGERY

NEW

483 Externship in Emergency Department (*)

Students will function as externs in the Emergency Room of the King County Hospital. They will work in parallel with the interns in the evaluation and treatment of emergency patients and will be responsible to the medical and surgical residents in the Emergency Room and to the Emergency Department Director. Prerequisite, permission of Instructor and Department Director.

UROLOGY

NEW

475 Urology Preceptorship (*)

Students will follow a preceptor in all of his work in order to better understand the pathophysiology and management of the problems of the urogenital system and to become acquainted with the office management of urological problems. Full time required for either a ten-day or three-week period. Open to third- and fourth-year medical students. Prerequisite, permission of Department.

NEW

498 Undergraduate Thesis (*)

An elective opportunity for medical students to write theses in the area of urology. Prerequisites, permission of sponsor and Department.

CHG

499 Replaces 483

COURSE CHANGES

Courses listed here are those formally approved as of September 20, 1968.

COLLEGE OF ARCHITECTURE AND URBAN PLANNING

LANDSCAPE ARCHITECTURE

CHG

330 Replaces 230

CHG

331 Replaces 231

COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY

CHG

479 The Prehistoric Near East (3) Replaces the former 475

ATMOSPHERIC SCIENCES

CHG

301 Introduction to Atmospheric Sciences (5)

Prerequisites, Mathematics 126 and Physics 123.

BOTANY

CHG

401, 402 Replace 401, 401L

CHG

570, 571 Replace 473, 473L

COMMUNICATIONS

CHG

Change all Advertising, Journalism, and Radio-Television courses to Communications courses.

CMU 100, 314, 338, 339, 400, 411, 485, 495, 496, 497, 585, 586 Replace Communications N100, 302, 303, 403, 312, 310, 415, 495H, 496H, 497H, 515, 516

CMU 340, 342, 343, 341, 345, 344, 348 Replace Advertising 340, 342, 333, 341, 440, 445, 448

CMU 291, 321, 322, 323, 324, 325, 326, 327 Replace Journalism 291, 300, 318, 319, 413, 301, 404, 405

CMU 250, 349, 360, 370 371, 373, 353, 377, 450, 354, 355, 356, 357, 358, 459, 361, 463, 365, 379 Replace Radio-Television 250, 352, 260, 270, 350, 373, 376, 377, 450, 454, 455, 456, 457, 458, 459J, 461, 463J, 465, 477

CHG

516 (See 586 below.)

CHG

586 Replaces 516. Seminar in Comparative Communication Systems (3)

CHG

454, 455 Replaced by 354, 355

CHG

456, 457, 458 Replaced by 356, 357, 358

ENGLISH

NEW

364 American Poetry: Beginnings to 1900 (5)

Poetry in Colonial America, Romantic and later 19th-century poetry, including such figures as Bradstreet, Taylor, Freneau, Bryant, Poe, Whitman, Dickinson, Longfellow, and others. Prerequisite, upper-division standing or permission.

NEW

369 The Literature of Black America

Selected works by Afro-American writers with the emphasis on twentieth-century literature. The works will be read both for their literary and for their cultural significance. Prerequisite, upper-division standing or permission.

FAR EASTERN AND RUSSIAN INSTITUTE

CHG

439 Japanese Government and Politics (5) Replaces 345J (offered jointly with the Department of Political Science as Political Science 435.)

CHG

614 Replaces 614J

FAR EASTERN AND SLAVIC LANGUAGES AND LITERATURE

CHG

542, 543, 545, 546 Replace 534

NEW

450 Intensive Fourth-Year Russian (15)

Intensive practice in conversation, composition, and reading at an advanced level. Equivalent to Russian 401, 402, 403. Prerequisites, 303, 350, or permission.

CHG

555 Replaces 455

GENERAL EDUCATION

SOCIAL SCIENCE

NEW

150 Afro-American History (5)

An examination of the Negro and his role in history both in Africa and the Americas. (Approved temporarily as Social Science 300 for Spring, 1968)

GEOGRAPHY

CHG

440 Replaces 440J (Joint status with Economics dropped.)

HISTORY

NEW

401 The Reformation (3)

The origins of the disunity of Europe in the crisis of the sixteenth century with special emphasis upon the relations between religion and politics.

NEW

402 The Wars of Religion (3)

The effects of theology on the politics of the sixteenth century, with special emphasis on the changes in political thought occasioned by the Reformation crisis.

CHG

614 Replaces 614J

NEW

645- Seminar in American Constitutional History to 1800 (5-)

NEW

-646- Seminar in American Constitutional History, Nineteenth Century (-5)

Research in the development of American constitutionalism in the nineteenth century. Prerequisite, 645-.

NEW

-647 Seminar in American Constitutional History, Twentieth Century (-5)

Research in the history of American constitutional developments and controversies in the twentieth century. Prerequisite, -646-.

MATHEMATICS

NEW

100-102 Algebra (5, 5)

Similar to the first three terms of high school algebra. Assumes no previous experience in algebra. Not open to students who have had two terms of high school algebra with a grade of C or better.

MUSIC

NEW

544 Practicum in Teaching Elementary Music Methods (3)

A seminar wherein elementary music education curriculum, methods, and materials are studied in conjunction with the training of elementary teachers. Students will assist in teaching laboratory sections of Education 377. Prerequisites, 524 and teaching experience.

PHILOSOPHY

NEW

113 Philosophy and Racial Conflict (5)

A study of some of the intellectual causes of racial conflict. Relations between racial and international conflicts are examined.

NEW

250 Introduction to Epistemology (3)

An introduction to some of the problems involved in general philosophical accounts of knowledge or in philosophical accounts of our knowledge of certain kinds of statements, e.g., statements about the external world, *a priori* statements, statements about the past, statements about other minds.

NEW

280H Honors—Introduction to Philosophical Studies (2, max. 4)

An intensive analysis of selected philosophical problems for students who have shown a special aptitude and interest in philosophy. Prerequisites, one course in philosophy and permission of the honors adviser.

PHYSICAL EDUCATION—MEN

NEW

125 Skiing (1)

PHYSICAL EDUCATION—WOMEN

CHG

101, 102 Archery I, II Replace 115, 215 Archery, Intermediate Archery

104, 105 Badminton I, II Replace 118, 218 Badminton, Intermediate Badminton

107, 108, 109 Bowling I, II, III Replace 121, 221, 222 Bowling, Intermediate Bowling, Advanced Bowling

110, 111 Fencing I, II Replace 124, 224 Fencing, Intermediate Fencing

113 Golf I Replaces 126 Golf

116, 117, 118 Riding I, II, III Replace 128, 228, 229 Riding, Intermediate Riding, Advanced Riding

119, 120 Skating—Ice I, II Replace 140, 240 Ice Skating, Intermediate Ice Skating

122 Ski Conditioning Replace 131 Ski Conditioning

123, 124, 125 Skiing I, II, III Replace 132, 231 Elementary Skiing, Advanced Skiing Skiing

126, 127 Tennis I, II Replace 135, 235 Tennis, Intermediate Tennis

131 Basketball I Replaces 141 Basketball

133 Field Sports Replaces 142 Field Sports

134 Volleyball I Replaces 145 Volleyball

139 American Folk Dance I Replaces 148 American Folk Dance

145 International Folk Dance I Replaces 149 International Folk Dance

148 Social Dance I Replaces 154 Social Dance

163, 164 Swimming III, IV Replace 263, 264 Intermediate Swimming, Advanced Swimming

165 Aquatic Art I Replaces 265 Aquatic Art

167 Diving I Replaces 266 Diving

169 Life Saving Replaces 267 Life Saving

171, 172 Canoeing I, II Replace 125, 257 Canoeing, Intermediate Canoeing

174 Sailing I Replaces 129 Sailing

180 Adapted Activity Replaces III Adapted Activities

181 Special Activity Replaces 110 Special Physical Education Activity

183 Basic Activity Replaces 112 Basic Activities—General

184 Basic Activity Applied Replaces 114 Basic Activities Applied

186 Conditioning Replaces 119 Body Conditioning

189, 190 Gymnastics I, II Replace 133, 134 Tumbling and Apparatus, Rebound Tumbling

201 Meaning and Modification of Movement Replaces 105 Orientation to Physical Education

366 Practicum Replaces N466 Coaching

POLITICAL SCIENCE

CHG

435 Japanese Government and Politics (5) Replaces 345J (Offered jointly with the Far Eastern and Russian Institute as Far Eastern 439.)

PSYCHOLOGY

NEW

413 Laboratory in Experimental Child Psychology (1)

Laboratory experiments with preschool children. Limited to 12 students. Prerequisites, must be taken concurrently with 411, and permission of instructor.

ROMANCE LANGUAGES AND LITERATURE

CHG

401, 402 Replace 401

URBAN DEVELOPMENT (UD)

CHG

301 Replaced by 310

CHG

310 Replaces 301

COLLEGE OF ENGINEERING

CHEMICAL ENGINEERING

CHG

531 Replaces 541

CHG

532 Replaces 542

CHG

535 Replaces 531, 532

CHG

543, 544 Replace 543J, 544J

CHG

550 Replaces 551

CHG

560 Replaces 561

RESERVE OFFICERS TRAINING PROGRAMS

NAVAL SCIENCE

To be effective when the revised curriculum for NROTC is introduced.

NEW

111 Naval Organization (3)

General introduction to the Navy, its organization and operating methods.

NEW

112 Naval Management (3)

General introduction to the systems and techniques employed in the Navy for management of its human, financial, and material resources.

NEW

113 Naval Ship Systems (3)

A study of the varied ship systems operational in the Navy today including the principles of characteristic propulsion systems and auxiliary machinery and the elements of ship stability and damage control. An introduction to nuclear propulsion.

NEW

211 Naval Science Practicum (1)

An introduction to Naval Aviation.

NEW

212 Naval Science Practicum (1)

An overview of Naval Communications.

NEW

213 Naval Science Practicum (1)

Seminar-type discussions of the role of sea-power in world affairs.

NEW

411 Naval Weapon Systems (3)

The concept of weapon systems and the systems approach, the techniques of linear analysis of ballistics and weapons, the dynamics of basic components of weapon control systems are investigated. The tools are provided for understanding the basic principles that are involved in all modern naval weapon systems.

NEW

412 Naval Weapon Systems (3)

Continuation of 411.

NEW

413 Naval Weapon Systems (3)

Principles of selected phases of the weapon control problem including propulsion, trajectories, and damage criteria. Solution of weapons control problem. Review of design and testing of weapon components including fuses, warheads, and control mechanisms. Procedures for evaluating weapon system effectiveness. Prerequisites, Mathematics 126 and Physics 123, or equivalents.

NEW

414 Naval Weapon Systems (3)

Descriptive course presented as an alternative to 413 for students who have not completed the natural physics prerequisites.

COLLEGE OF FISHERIES

FOOD SCIENCE

CHG

380 Replaces Fisheries 380

QUANTITATIVE SCIENCE

CHG

382, 383 Replace Math 382, 383

COLLEGE OF FOREST RESOURCES

QUANTITATIVE SCIENCE

CHG

382, 383 Replace Math 382, 383

GRADUATE SCHOOL

GEOPHYSICS

CHG

536 Replaces 536J

CHG

537, 538 Replace 537J, 538J

SCHOOL OF SOCIAL WORK

592 Organization and Administration of Applied Research (2)

Theories, methods, and strategies for conduct of social welfare research re conceptualization, design, funding, administration, publication, integration, with practice. Prerequisite, 590.

CHG

593 Replaces 594-595

SCHOOL OF DENTISTRY

PROSTHODONTICS

CHG

401 Replaces 402

SCHOOL OF MEDICINE

BIOLOGICAL STRUCTURE

NEW

411 Cellular Structure and Function (3-4)

Elective for advanced undergraduates, graduate students in biological and health sciences, and students in medicine and dentistry. Course will provide an introduction to the principles of cytological experimentation, including survey of microscopic and other instrumental techniques. Emphasis will be toward detailed analysis of cellular architecture, particularly as it can be related to functional considerations and the dynamic behavior of cells. Cellular membranes, organelles, and nuclear constituents and organization will be discussed. Prerequisite, permission.

NEW

412 Human Microanatomy (5)

Human microscopic and ultramicroscopic anatomy with emphasis on organology. Prerequisite, Cytology or permission.

NEW

415 Histological Basis of Biomechanics (3)

Certain biological structures are specifically adapted to a biomechanical function. Examples include muscle, skin, and bone. The structure and mechanical properties of selected biomechanical systems will be studied. Prerequisites, Conjoint 400 and Mechanical Engineering 340, or permission.

NEW

450 Experimental Neuroanatomy (3)

Introduction to and critical analysis of the methods available for studying the structural organization of the nervous systems of vertebrates and invertebrates. Emphasis on principles underlying methods, and on first-hand contact with the various methods. Prerequisite, Conjoint 409 or Human Biology 432 or permission.

NEW

516 Instrumentation in Biological Structure Research (3)

Introduction to instrumentation, physical, and cytological methods employed in medical research generally and in Biological Structure in particular. Emphasis on principles. Prerequisite, permission.

BIOMEDICAL HISTORY

NEW

405, 406, 407 The Medical School and the Urban Community (2 each, max. 6)

Direct experience in motivating and counseling young people of different backgrounds and environments through weekly visitations to selected elementary and secondary public schools, with the goal of alerting the pupils to career opportunities in the biomedical sciences. Accompanied by seminars devoted to contemporary urban issues, including speakers representing the community, various agencies, and groups.

HUMAN BIOLOGY

NEW

410 Molecular and Cellular Biology (7)

A coordinated course covering classical molecular and cellular biochemistry, cell fine structure, and cell physiology. Special characteristics of microbial cells will be covered and contrasted with mammalian cells. This will also include viral synthesis and replication, molecular and chromosomal genetics with extension to important examples in medical genetics, and nutrition growth and death of mammalian and microbial cells. Prerequisite, permission.

NEW

411 Human Embryogenesis and Tissue Structure (3½)

Development of the embryo from fertilization, implantation to full organ and organismal differentiation, with illustration of basic body plan. Important examples and etiology of faulty pre-natal morphogenesis. Cell differentiation leading to a study of basic histology. Developmental and morphological aspects of hemopoietic system. Prerequisite, permission.

NEW

412 Biostatistics and Epidemiology (2)

An introduction to statistical inference and basic concepts of variance and statistical significances as applied to problems in human

biology and medicine. Statistical and epidemiological health information systems and measurements of morbidity and mortality. Computer usefulness, potentialities, and limitations. Epidemiological approaches to infectious and noninfectious diseases. Interaction of agent, host, and environment in causation and transmission. Prerequisite, Permission.

NEW

413 Social and Cultural Aspects of Health (1½)

The impact of general social and cultural factors on the physical and psychological health of the individual, with special reference to economic and minority group problems and the influence of urbanization. Natural influence of urbanization. Natural selection and human evaluation in health and disease. Episodic consideration of major life crises that concern the well-being of the individual and the family. Prerequisite, permission.

NEW

420 Cell and Tissue Response to Injury (4)

Patterns of cell and tissue response to injury. Immunity and immune responses. Hypersensitivity, homograft reaction, and auto-immune response. Immuno-hematology. Morphological, functional, and kinetic aspects of leucocytes and immunocytes. Principles of neoplasia. Prerequisite, permission.

NEW

421 Natural History of Infectious Diseases and Chemotherapy (3½)

Pathogenesis and immunity of infectious diseases, natural barriers. Microbiology, epidemiology, clinical manifestations, and control of representative bacterial, fungal, parasitic, and viral infectious diseases. Chemotherapeutics and principles of chemotherapy. Sterilization, principles of asepsis, nosocomial and iatrogenic infections and their prevention. Prerequisite, permission.

NEW

422 Control Systems and Mechanisms of Hemostasis (4)

Bioenergetics. Membrane transport. Introduction to physiologic and biochemical control and feedback mechanisms. Nervous, and hormonal, including pressor mechanisms. Fluid and electrolyte homeostatic mechanisms (pH, blood volume). Drug absorption, distribution, excretion, and metabolism. Mechanisms of drug actions and selectivity. Dose response and variation. Drug toxicity and detoxification. Prerequisite, permission.

NEW

423 Musculoskeletal System (3½)

Gross, surface, applied, and X-ray anatomy of system including entire spine, but excluding head and neck. Histology of bone, cartilage, tendon—myotendinal junction, and joints; musculoskeletal trauma and healing; pathology and clinical manifestations of other degenerative, inflammatory, metabolic, nutritional, and

congenital disorders; physical examination. Prerequisite, permission.

NEW

431 Skin System (1½)

Gross and microscopic anatomy; physiology, protection, temperature control, pigmentation, and photosensitivity; pathology and genetics of skin abnormalities, including tumors; introduction to clinical evaluation, including physical examination and illustrating examples of inflammatory, vascular, immunological (including drug hypersensitivity) and neoplastic diseases. Prerequisite, permission.

NEW

432 Head, Neck, Ear, Nose, and Throat (2½)

Gross anatomy (including skull, pharynx, and larynx); audition and balance; physiology and clinical evaluation; maxillo-facial disorders, diseases of nasal passages, naso- and oropharynx, accessory sinuses; physical examination. Prerequisite, permission.

NEW

433 Nervous System (5½)

An integrated approach to: Normal structure and function of the nervous system, including the eye; basic neuropathology and diseases of the eye. Neuropharmacology with emphasis on modes of action and classes of drugs. Clinical evaluation of the nervous system and eye with illustrative examples of the manifestations of specific and important neurological lesions, and common and rare, but important, and reversible conditions. Prerequisite, permission.

NEW

435 Endocrine System (2)

Gross and microscopic anatomy of the endocrine system. Principles of endocrine physiology as illustrated by model systems (extending the concepts of homeostasis, control, and feed-back systems previously learned), hormonal biosynthesis and important pathophysiologic states, and the endocrine integration of metabolism. Prerequisite, permission.

MEDICINE

NEW

402 Preclinical Preceptorship (1)

An exposure to clinical medicine is provided by spending half a day each week in the office of a member of the clinical faculty. Elective course for first-year medical students and students of allied health sciences. Prerequisite, permission.

PEDIATRICS

NEW

405 Environmental Influence on Child Health and Development (1)

Students will come to the pediatric ambulatory care unit at Harborview Hospital to see pedi-

atric patients under the care of a staff physician. Environmental factors influencing the health experience of one or two patients each session will be identified and discussed after observing the patient care. Open to three first- or second-year medical students. Prerequisite, permission.

CHG

407 Replaces 482

PHYSICAL MEDICINE AND REHABILITATION

NEW

455 Neuromuscular Electrodiagnosis (2)

Lecture-demonstration on fundamentals of electromyography and peripheral nerve stimulation followed by student participation in clinical electrodiagnosis examinations. An effort will be made to develop in the student an awareness of the usefulness of these tests so that he will, in the future, know when such procedures are indicated for his patients and will be able to interpret the results rather than to develop proficiency in performing these examinations. Prerequisite, Human Biology 462.

PHYSIOLOGY AND BIOPHYSICS

NEW

410 Nerve-Muscle Physiology (2½)

Detailed consideration of the active ion transport, nerve impulse conduction, neuromuscular synaptic transmission, excitation-contraction coupling and contractile processes of vertebrates. Aim is to convey the concepts of excitable, synaptic, and contractile phenomena. Prerequisite, permission.

NEW

415 Physiology Special Research Projects (1-4)

Small group or individual research projects in physiology. The student may choose topic involving laboratory and/or library research. May be repeated for credit. Prerequisite, permission.

PSYCHIATRY

NEW

445 Sensitivity Training Group (1)

An unstructured small group experience in which the participants learn from experience about group functioning and dynamics and increase their awareness of group interaction and feedback to themselves, and of their perception of others. Open to medical students only. Prerequisite, permission.

NEW

455 Psychoanalytic Theory (1)

The basic concepts of psychoanalysis including the psychology of errors, dreams, the meaning of symptoms, transference, and the libido theory will be considered. Open to medical students only. Prerequisite, permission.

NEW

456 Classical Readings in Psychiatry (2)

Selected readings from writings of leading contributors to psychiatric theory. Among them are Janet, Freud, Adler, Jung, Sullivan, Meyer, and Erikson. Open to second-, third- and fourth-year medical students. Prerequisite, Human Biology 433 or equivalent, or permission.

NEW

460 Community Psychiatry (3)

An introduction to the theoretical and practical aspects of community psychiatry, including network of services, community organization, consultation and education, and preventive mental health programs. Open to second-, third- and fourth-year medical students and graduate students. Prerequisite, Human Biology 433.

NEW

462 Principles of Hypnosis (2)

The history and theory of hypnosis. Induction techniques. Application to the treatment of illness. Open to medical students or graduate students who have had Psychology 100 or equivalent. Prerequisite, Human Biology 433, Psychology 100, or permission.

RADIOLOGY

NEW

480 Nuclear Medicine Technique, Physics and Instrumentation (2½)

The course provides a familiarization with basic nuclear phenomena and instrumentation coupled with a laboratory application-instrument operation, sample counting, and isotope identification. Prerequisite, permission.

NEW

481 Tracer Kinetics and Radioisotope Techniques (½)

A seminar course of four consecutive weeks covering the principles of absorption, transfer, and compartmentalization of biologically important radionuclides. The principle of gastrointestinal absorption, renal excretion, organ localization, and metabolic turnover will be discussed. Prerequisite, permission.

NEW

482 Nuclear Medicine—Pathophysiologic Principles and Case Presentations (½)

This course will discuss practical applications of isotope procedures to specific patients' disease processes. Red cell survival, blood volumes, tumor localization and reticuloendothelial sequestration of isotopes. Prerequisites, 481 and Human Biology 421 (may be taken concurrently).

REQUIRED PERMISSION SIGNATURES

SPRING QUARTER 1969

In order to register for the following courses, the student must obtain a permission signature on his Official Program from the persons listed.

Some departments, schools, or colleges have general permission requirements applicable to many courses. These requirements are also listed.

Note: A slash (/) between names indicates that either party may grant permission.

Abbreviations:

DEPT Permission required from a member of the *department* teaching the course

DEPT ADV Permission required from the *adviser* of the department teaching the course

ASHP Permission required from the *Arts and Sciences Honors Program* office

INSTR Permission required from the *instructor* of the course

HONORS ADV Permission required from the *Honors Program adviser* in the department teaching the course

PR Prerequisite

ARCHITECTURE

ALL NONMAJORS MUST OBTAIN PERMISSION FOR ADVANCED COURSES

ARCH 300		DEPT-FOR NONMAJORS
ARCH 301		DEPT-FOR NONMAJORS
ARCH 302		DEPT-FOR NONMAJORS
ARCH 499		INSTR
ARCH 600		INSTR
ARCH 700		INSTR
BC 320		DEPT FOR NON MAJORS
BC 420		DEPT FOR NON MAJORS

LA AR 336		INSTR
URB P 481		DEPT FOR NON MAJORS
URB P 499		DEPT FOR NON MAJORS
URB P 521		DEPT FOR NON MAJORS
URB P 524		DEPT FOR NON MAJORS
URB P 540	SEC A&B	DEPT FOR NON MAJORS
URB P 600	SEC A&B	INSTR
URB P 700		INSTR

ANTH 100H		ASHP
ANTH 201H		ASHP
ANTH 453J		INSTR
ANTH 458		EASTMAN/OTTENBERG
ANTH 463J		INSTR
ANTH 468		EASTMAN/OTTENBERG
ANTH 499		INSTR
ANTH 499H		ASHP & INSTR
ANTH 500		INSTR
ANTH 502		INSTR
ANTH 600		INSTR
ANTH 700		INSTR

ART

ALL NONMAJORS MUST OBTAIN PERMISSION FROM UNDERGRADUATE ART ADVISER FOR ANY STUDIO ART COURSE NUMBERED 300 OR ABOVE

ART 107	SEC F, H	DUNTHORNE
ART 129	SEC A, C	DUNTHORNE
ART 282	SEC A	JOHNSON/O KEEFE
ART 282	SEC B	DUNTHORNE
ART 498D		JOHNSON/O KEEFE/ROGERS
ART 498H		BRAZEAU/DUNTHORNE/
ART 498P		BRAZEAU/DUNTHORNE/
ART 600		BRAZEAU/DUNTHORNE/
		BRAZEAU/JOHNSON/ROGERS
ASTR 499		DEPT
ASTR 600		DEPT

ATMOSPHERIC SCIENCES

ATM S 390H	BADGLEY
ATM S 493	WALLACE
ATM S 512J	UNTERSTEINER
ATM S 514J	CHAPELLE
ATM S 593	BADGLEY

BIOLOGY

BIOL 501	HSU
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BOTANY

BOT 498	DEPT
BOT 523	STUNTZ
BOT 526	TSUKADA
BOT 600	DEPT
BOT 700	DEPT

CHEMISTRY

CHEM 165H	ASHP/DEPT ADV
CHEM 167H	DEPT ADV
CHEM 198	DEPT ADV
CHEM 198H	ASHP/DEPT ADV
CHEM 199	DEPT ADV
CHEM 199H	ASHP/DEPT ADV
CHEM 457H	ASHP/DEPT ADV
CHEM 458	INSTR
CHEM 499	DEPT
CHEM 499H	DEPT ADV

CLASSICS

CLAS 210H	ASHP
GRK 490H	HONORS ADV & ASHP
LAT 401	DEPT ADV
LAT 490H	HONORS ADV & ASHP

COMMUNICATIONS

CMU 150	DEPT ADV
CMU 200	DEPT ADV
CMU 326	BRIER
CMU 342	ADAMS
CMU 360	ALDRIDGE
CMU 361	ALDRIDGE
CMU 365	ALDRIDGE
CMU 497	AMES
CMU 498	DEPT ADV
CMU 501	CARTER
CMU 511	RUGGELS/CARTER/
	MATHIASON
CMU 597	GRAD ADV
CMU 598	GRAD ADV
CMU 600	GRAD ADV
CMU 700	GRAD ADV

DANCE

DANCE 253	INSTR
DANCE 258	INSTR
DANCE 280	INSTR
DANCE 353	INSTR
DANCE 490	INSTR

DRAMA

DRAMA 123	ROSS
DRAMA 143	ROSS
DRAMA 157	ROSS
DRAMA 183	ROSS
DRAMA 248	DEPT
	SEC A+B+D, F
	DEPT
	SEC A+B+D, E
	DEPT
	DEPT
DRAMA 272	ROSS
DRAMA 298	GRAY
DRAMA 432	INSTR

DRAMA	435L		INSTR		TIBETAN			
DRAMA	438L		INSTR		TIB	499	NORNANG/WYLIE	
DRAMA	453	SEC A+B	INSTR		TIB	500	WYLIE	
DRAMA	490	SEC A-C	CRIDER		TIB	504	WYLIE	
DRAMA	498		GRAY		TIB	600	LABRANG/NORNANG/WYLIE	
DRAMA	499		CRIDER					
DRAMA	513		INSTR		VIETNAMESE			
DRAMA	520		CRIDER		VIET	600	QUYEN	
DRAMA	562		INSTR					
DRAMA	583		INSTR		SOCIAL SCIENCE			
DRAMA	599		CRIDER/JOSEPH		SOC S	103H	SEC AD&AE	ASHP & BENEDICT/MARTIN
DRAMA	600		CRIDER/JOSEPH					
DRAMA	700		CRIDER/JOSEPH		GENERAL STUDIES			
ECONOMICS					G ST	301H		ASHP
ECON	201H		THOMAS		S ST	391		LUTEY
ECON	499		BUECHEL		G ST	493		LUTEY
ECON	600		FLOYD					
ECON	700		FLOYD		GENETICS			
ECON	702		FLOYD		GENET	499		DEPT
ENGLISH					GENET	501		DEPT
ENGL	267H		HONORS ADV/REINERT		GENET	520		DEPT
ENGL	490		INSTR		GENET	553		PR OR PERM DEPT
ENGL	491		INSTR		GENET	554		DEPT
ENGL	492H		HONORS ADV/REINERT		GENET	556		DEPT
ENGL	493		INSTR		GENET	562		DEPT
ENGL	494		INSTR		GEOGRAPHY			
ENGL	499H	SEC A	HONORS ADV/REINERT		GEOG	100H		DEPT
ENGL	586		INSTR		GEOG	207H		ASHP
ENGL	600		FOWLER/BOWIE		GEOG	405		PR/DEPT
ENGL	700		FOWLER/BOWIE		GEOG	438J		PR/DEPT
ENGL	702		FOWLER/BOWIE		GEOG	449		PR/DEPT
					GEOG	475		PR/DEPT
					GEOG	510		PR/DEPT
FAR EASTERN & RUSSIAN					GEOLOGY			
FAR E	210H		ASHP		GEOL	101H		ASHP
FAR E	423JH		TREADGOLD		GEOL	103H		ASHP
FAR E	463		HURVITZ		GEOL	405J		INSTR
FAR E	470		PALAIS		GEOL	501		INSTR
FAR E	476J		TREADGOLD		GERMANIC LANGUAGES & LIT			
FAR E	499		DEPT		GERM	103H	SEC A1&AK	ASHP/SAUERLANDER/GALT
FAR E	520J		INSTR		GERM	203H	SEC ACC&AM	ASHP/SAUERLANDER/GALT
FAR E	523		GASSTER		GERM	207H		ASHP/SAUERLANDER/GALT
FAR E	533J		TOWNSEND		GERM	303H		SAUERLANDER
FAR E	537J		TREADGOLD		GERM	311H		SAUERLANDER
FAR E	549J		BUTOW		GERM	403H		SAUERLANDER
FAR E	552J		BUTOW		GERM	492H		SAUERLANDER
FAR E	562J		INSTR/GRAD ADV		GERM	582		INSTR
FAR E	565		PYLE		HISTORY			
FAR E	566		PALAIS		HIST	101H		ASHP
FAR E	578J		COOKE		HIST	102H		ASHP
FAR E	598		DEPT		HIST	202H		ASHP
FAR E	599		DEPT		HIST	299		ASHP/INST
FAR E	600		DEPT		HIST	391H		GRIFFITHS/KAMINSKY
FAR E	613J		GASSTER		HIST	423JH	SEC AA	ASHP/DEPT
FAR E	700		DEPT		HIST	468JH		ASHP/INSTR
CHINESE					HIST	476J		TREADGOLD
CHIN	300		PR/CHENG		HIST	498		DEPT/INSTR
CHIN	499		YEN		HIST	499		DEPT
CHIN	543		SERRUYS		HIST	512		GRAD ADV
CHIN	600		DEPT		HIST	519		GRAD ADV/INST
CHIN	700		DEPT		HIST	523		GRAD ADV
JAPANESE					HIST	524C		GRAD ADV
JAP	313		HATSUDA/NIWA		HIST	527		GRAD ADV/INST
JAP	460		TAKAYA		HIST	531		GRAD ADV/INST
JAP	499		DEPT		HIST	537J		GRAD ADV/INSTR
JAP	524		HIRAGA		HIST	549J		BUTOW
JAP	550		MC KINNON		HIST	552J		BUTOW
JAP	563		HURVITZ		HIST	555		GRAD ADV/INST
JAP	600		DEPT		HIST	562J		GRAD ADV/INST
JAP	700		DEPT		HIST	566C		GRAD ADV
KOREAN					HIST	570		GRAD ADV
KOR	467		SUH		HIST	571		GRAD ADV/INST
KOR	499		LUKOFF/SUH		HIST	578		GRAD ADV/INST
KOR	600		LUKOFF/SUH		HIST	581		GRAD ADV/INST
KOR	700		LUKOFF/SUH		HIST	600		GRAD ADV
MONGOLIAN					HIST	613J		GRAD ADV/INSTR
MONG	499		OKADA		HIST	642		GRAD ADV/INSTR
MONG	600		OKADA		HIST	647		GRAD ADV/INSTR
RUSSIAN					HIST	665		GRAD ADV/INSTR
RUSS	200H		HANEY/DIXON		HIST	700		GRAD ADV
RUSS	305H		HANEY/TRACY					
RUSS	310	SEC B	HANEY					
RUSS	499		HANEY					
RUSS	600		DEPT					
RUSS	700		DEPT					

HOME ECONOMICS						
H EC	315H		HALL	MUSIC	440	DEPT
H EC	329		INSTR	MUSIC	450	DEPT
H EC	338H		HALL	MUSIC	451	ALL SEC
H EC	347H		HALL	MUSIC	453	DEPT
H EC	348	SEC A&B	INSTR	MUSIC	460	DEPT
H EC	354H		HALL	MUSIC	470	DEPT
H EC	356H	SEC B	HALL	MUSIC	474	DEPT
H EC	380		INSTR	MUSIC	479	DEPT
H EC	429	SEC A	INSTR	MUSIC	480	DEPT
H EC	434		INSTR	MUSIC	481	DEPT
H EC	495	ALL SEC	INSTR	MUSIC	481H	ASHP & DEPT
H EC	495H	ALL SEC	HALL	MUSIC	490	DEPT
H EC	496H	ALL SEC	INSTR	MUSIC	491	DEPT
H EC	600	ALL SEC	INSTR	MUSIC	492	DEPT
				MUSIC	499	DEPT
				MUSIC	499H	ASHP & DEPT
LINGUISTICS						
LING	453J		INSTR	MUSIC	503	GRAD ADV
LING	463J		INSTR	MUSIC	508	GRAD ADV
LING	503		INSTR	MUSIC	509	GRAD ADV
LING	599		GRAD ADV	MUSIC	512	GRAD ADV
LING	600		GRAD ADV	MUSIC	547	GRAD ADV
LING	700		GRAD ADV	MUSIC	550	ALL SEC
				MUSIC	566	GRAD ADV
				MUSIC	586	GRAD ADV
				MUSIC	590	GRAD ADV
				MUSIC	591	GRAD ADV
MATHEMATICS						
MATH	136H	SEC A	LORTZ/ROBERTSON			
			KINGSTON			
MATH	136H	SEC B	LORTZ/KINGSTON/TROY			
MATH	236H		LORTZ/KINGSTON			
			ALLENDOERFER			
MATH	496H		DUKE			
MATH	498		ZUCKERMAN			
MUSIC						
MUSIC	103	ALL SEC	DEPT	OCEANOGRAPHY		
MUSIC	104	SEC A,B+C	EDUC	OCEAN	280H	ENGLISH
MUSIC	110	ALL SEC	DEPT	OCEAN	423	RICHARDS
MUSIC	116	ALL SEC	DEPT	OCEAN	460	BENNETT
MUSIC	130	ALL SEC	DEPT	OCEAN	461	BENNETT
MUSIC	140		DEPT	OCEAN	480H	ENGLISH
MUSIC	150	ALL SEC	DEPT	OCEAN	488H	ENGLISH
MUSIC	160		DEPT	OCEAN	489H	ENGLISH
MUSIC	170		DEPT	OCEAN	499	FACULTY
MUSIC	171		DEPT	OCEAN	514	COACHMAN, AAGAARD,
MUSIC	172		DEPT			BARNES
MUSIC	173		DEPT	OCEAN	518	CRIMINALE
MUSIC	174		DEPT	OCEAN	521	RICHARDS
MUSIC	175		DEPT	OCEAN	523	RICHARDS
MUSIC	176		DEPT	OCEAN	530	ANDERSON
MUSIC	180		DEPT	OCEAN	531	BANSE/ENGLISH/LEWIN/
MUSIC	190		DEPT			TAYLOR
MUSIC	191		DEPT	OCEAN	536	TAYLOR
MUSIC	200		DEPT	OCEAN	538	LIE
MUSIC	203	ALL SEC	DEPT	OCEAN	550	INSTR
MUSIC	209	SEC A6B	DEPT	OCEAN	556	CREAGER
MUSIC	210	ALL SEC	DEPT	OCEAN	600	FACULTY
MUSIC	216	SEC A6B	DEPT	OCEAN	700	FACULTY
MUSIC	223		DEPT	OCEAN	702	FACULTY
MUSIC	230	ALL SEC	DEPT			
MUSIC	236		DEPT	PHILOSOPHY		
MUSIC	240		DEPT	PHIL	200H	ASHP/DEPT HONORS ADV
MUSIC	246		DEPT	PHIL	280H	ASHP/DEPT HONORS ADV/
MUSIC	250	ALL SEC	DEPT	PHIL	484	MISHALANI/MOULTON
MUSIC	256		DEPT	PHIL	584	MISHALANI
MUSIC	266		DEPT	PHIL	600	MISHALANI
MUSIC	284		DEPT	PHIL	700	MISHALANI
MUSIC	291		DEPT			
MUSIC	303		DEPT	PHYSICAL EDUCATION-MEN		
MUSIC	309		DEPT	PE M	139	INSTR
MUSIC	316		DEPT	PE M	147	INSTR
MUSIC	323		DEPT	PE M	148	INSTR
MUSIC	330	ALL SEC	DEPT	PE M	153	INSTR
MUSIC	333		DEPT	PE M	166	HENDERSHOTT/REEVES
MUSIC	336		DEPT	PE M	247	INSTR
MUSIC	339	ALL SEC	DEPT	PE M	248	INSTR
MUSIC	340		DEPT	PE M	370	THOMPSON/REEVES
MUSIC	341		DEPT	PE M	373	LEHMAN/REEVES
MUSIC	344		DEPT			
MUSIC	350	ALL SEC	DEPT	R ED	454	INSTR
MUSIC	351		DEPT			
MUSIC	360		DEPT	PHYSICAL EDUCATION-WOMEN		
MUSIC	370		DEPT	PE W	152	SKINNER
MUSIC	371		DEPT	PE W	153	SKINNER
MUSIC	372		DEPT	PE W	295	MACLEAN/HAMILTON
MUSIC	373		DEPT	PE W	438A	MILACEK
MUSIC	374		DEPT	PE W	480	BROER
MUSIC	375		DEPT	PE W	498	BROER/FOX/WILSON/
MUSIC	376		DEPT	PE W	498H	ABERNATHY/PURDY
MUSIC	380		DEPT	PE W	499	BROER/FOX/WILSON/
MUSIC	386	ALL SEC	DEPT	PE W	499H	ABERNATHY/PURDY
MUSIC	390		DEPT	PE W	580A	BROER/FOX/WILSON/
MUSIC	391		DEPT	PE W	600	ABERNATHY/PURDY
MUSIC	400		DEPT	PE W	700	ABERNATHY/WILLS
MUSIC	407		DEPT			GRAD ADV
MUSIC	422		DEPT	H ED	454	GRAD ADV
MUSIC	422H		ASHP & DEPT	H ED	481J	ABERNATHY/BRANNAN
MUSIC	430	ALL SEC	DEPT	H ED	498	ABERNATHY

R ED 344		KIDWELL		SCANDINAVIAN			
R ED 454		KIDWELL		SCAND 600			ARESTAD/FREDRIKSSON HILDEMAN/JOHNSON ARESTAD/JOHNSON/ HILDEMAN
PHYSICS				SCAND 700			
PHYS 121H	ALL SEC	ASHP/GERHART		DAN 490			ARESTAD/JOHNSON
PHYS 122H		ASHP/GERHART		SWED 490			JOHNSON, FREDRIKSSON HILDEMAN
PHYS 123H	ALL SEC	ASHP/GERHART		NORW 490			ARESTAD/SEHMSDORF
PHYS 403		DEPT		SOCIOLOGY			
PHYS 403H		DEPT		SOC 110H			ASHP & SOC
PHYS 487H		GERHART		SOC 240H			ASHP/SOC
PHYS 530		INSTR		SOC 389			DEPT
PHYS 531		INSTR		SOC 498H			ADV/INSTR
PHYS 532		INSTR		SOC 499			DEPT
PHYS 534		INSTR		SOC 503			LARSON/BARTH
PHYS 535		INSTR		SOC 539			INSTR
PHYS 536		INSTR		SOC 542			INSTR
PHYS 537		INSTR		SOC 593			GRAD ADV/INSTR
PHYS 538		INSTR		SOC 599			DEPT
PHYS 539		INSTR		SOC 600			DEPT
PHYS 600		DEPT		SOC 700			DEPT
PHYS 700		DEPT		SPEECH			
PHYS 702		DEPT		SPCH 329			INSTR
POLITICAL SCIENCE				SPCH 339			INSTR
POL S 203H		ASHP		SPCH 349			INSTR
POL S 398H		STEVENS		SPCH 374	SEC A&B		INSTR
POL S 520J		INSTR		SPCH 384			INSTR
POL S 539		INSTR		SPCH 499	SEC A-F		HOGAN
POL S 552		INSTR		SPCH 499	SEC G&H		YANTIS
POL S 582		INSTR		SPCH 574			INSTR
PSYCHOLOGY				SPCH 582			INSTR
PSYCH 201H	SEC B+BN	ASHP		SPCH 584			INSTR
PSYCH 202H	SEC B+BN	ASHP		SPCH 592			INSTR
PSYCH 350H	SEC A	DEPT HONORS ADV-BEACH		SPCH 596			INSTR
PSYCH 406	SEC ZN	INSTR ONLY-PAGANO		SPCH 597			INSTR
PSYCH 452H	SEC A	DEPT HONORS ADV-BEACH		SPCH 598			INSTR
PSYCH 497		INSTR-F LUNNEBORG ONLY		ZOOLOGY			
PSYCH 498	SEC A	INSTR		ZOOL 112H			KOHN
PSYCH 499	SEC A	INSTR		ZOOL 330			KOHN
PSYCH 528	SEC A	INSTR FOR U G ONLY		ZOOL 362			HEPPNER
PSYCH 549	SEC A	EITHER INSTR		ZOOL 409L			ORIAN
PSYCH 560	SEC B	INSTR-TELLER OR MAKOUS		ZOOL 434			ILLG
PSYCH 597		INSTR ONLY		ZOOL 456			BALL
PSYCH 599		INSTR ONLY		ZOOL 464			WILLIS
PSYCH 600		INSTR ONLY		ZOOL 506			CUMMINS
PSYCH 700		INSTR ONLY		ZOOL 568			GORBMAN
ROMANCE LINGUISTICS & LIT				BUSINESS ADMINISTRATION			
ROM 531		GRAD ADV		ACCTG 371			INSTR
ROM 590		GRAD ADV		ACCTG 499			DEPT
ROM 599		GRAD ADV		ACCTG 511			BA GRAD ADV
ROM 600		GRAD ADV		ACCTG 520			BA GRAD ADV
ROM 700		GRAD ADV		ACCTG 540			BA GRAD ADV
ROM 702		GRAD ADV		ACCTG 571			BA GRAD ADV
FRENCH				ACCTG 572			BA GRAD ADV
FREN 102	SEC AD+AE,	DEPT		ACCTG 592	ALL SEC		BA GRAD ADV
FREN 201H		ASHP		ACCTG 599			BA GRAD ADV
FREN 202	SEC AI	INSTR		ACCTG 604			BA GRAD ADV
FREN 202H		ASHP		ACCTG 700			BA GRAD ADV
FREN 222H		ASHP		ACCTG 702			BA GRAD ADV
FREN 302H		ASHP & INSTR		A ORG 499			DEPT
FREN 303H		ASHP		A ORG 550	ALL SEC		BA GRAD ADV
FREN 306H		ASHP		A ORG 565			BA GRAD ADV
FREN 390	SEC A	DALE		A ORG 571			BA GRAD ADV
FREN 590	SEC A-D	GRAD ADV		A ORG 572			BA GRAD ADV
FREN 599		GRAD ADV		A ORG 575			BA GRAD ADV
FREN 600	SEC A&B	GRAD ADV		A ORG 576			BA GRAD ADV
FREN 700		GRAD ADV		A ORG 580			BA GRAD ADV
FREN 702		GRAD ADV		A ORG 604			BA GRAD ADV
ITALIAN				A ORG 700			BA GRAD ADV
ITAL 390				A ORG 702			BA GRAD ADV
ITAL 590	SEC A	INSTR		BECON 499			DEPT
ITAL 599		PACE		BECON 594			BA GRAD ADV
ITAL 600		GRAD ADV		BGG S 499			DEPT
ITAL 700		GRAD ADV		BGG S 510			BA GRAD ADV
ITAL 702		GRAD ADV		BGG S 552			BA GRAD ADV
PORTUGUESE				BGG S 562			BA GRAD ADV
PORT 390		GOETZINGER		BGG S 571			BA GRAD ADV
SPANISH				BGG S 572			BA GRAD ADV
SPAN 202H		ASHP		BGG S 597			BA GRAD ADV
SPAN 203H		ASHP		BGG S 604			BA GRAD ADV
SPAN 306H		ASHP		BGG S 700			BA GRAD ADV
SPAN 561		GRAD ADV&INSTR		BGG S 702			BA GRAD ADV
SPAN 590	A-C+F	INSTR/GRAD ADV					
SPAN 599		GRAD ADV					
SPAN 600	ALL SEC	GRAD ADV					
SPAN 700		GRAD ADV					
SPAN 702		GRAD ADV					

B POL	499		DEPT	EDUCATION		
B POL	571		BA GRAD ADV	EDUC	339	INSTR
B POL	572		BA GRAD ADV	EDUC	371	INSTR
R POL	593	ALL SEC	BA GRAD ADV	EDUC	409H	K+E+X+S
B POL	594		BA GRAD ADV	EDUC	416	INSTR
				EDUC	418	INSTR
FIN	499		DEPT	EDUC	422	INSTR
FIN	502		BA GRAD ADV	EDUC	425B	INSTR
FIN	521		BA GRAD ADV	EDUC	471	E+X+S
FIN	550		BA GRAD ADV	EDUC	499	DIR STUDENT TCHNG
FIN	560		BA GRAD ADV			FACULTY SUPERVISOR &
FIN	571		BA GRAD ADV			INSTR
FIN	572		BA GRAD ADV	EDUC	500	INSTR
FIN	604		BA GRAD ADV	EDUC	501B	INST
FIN	700		BA GRAD ADV	EDUC	506	CHAIRMAN OF SPECIAL
FIN	702		BA GRAD ADV			EDUC
				EDUC	515	INSTR
				EDUC	535	INSTR
				EDUC	540	INSTR
				EDUC	545	SEC A&B
				EDUC	546	INSTR
				EDUC	556	SEC A+B+U
				EDUC	589	INSTR
				EDUC	599	INSTR
				EDUC	600	FACULTY ADV & INSTR
				EDUC	700	FACULTY ADVISOR&INSTR
				EDUC	700	FACULTY SUPERVISOR
				ENGINEERING		
				A A	499	CHRMN
				A A	599	CHRMN
				A A	600	CHRMN
				A A	700	GRAD ADV
				CH E	600	DEPT
				C E	498	DEPT ADV
				C E	499	DEPT ADV
				C E	520	DEPT
				C E	599	GRAD ADV
				C E	600	GRAD ADV
				C E	700	INSTR
				E E	299	CHRMN
				E E	399	CHRMN
				E E	499	CHRMN
				E E	499H	CHRMN
				E E	599	CHRMN
				E E	600	CHRMN
				M E	499	DEPT
				M E	599	DEPT
				M E	600	DEPT
				CER E	599	DEPT
				CER E	600	DEPT
				MET E	570	BRIEN
				MET E	572	BRIEN
				MET E	574	BRIEN
				MIN E	600	DEPT
				NUC E	506	BABB
				NUC E	512	BABB
				NUC E	523	BABB
				NUC E	524	BABB
				NUC E	541	BABB,ROBKIN OR JACKSON
				NUC E	571	BABB
				NUC E	599	SEC A&B
				AEROSPACE STUDIES		
				A S	430	MORRILL
				NAVAL SCIENCE		
				NON-NAVAL ROTC STUDENTS MUST OBTAIN PERMISSION		
				FROM INSTRUCTOR PRIOR TO ENROLLMENT IN ANY		
				NAVAL SCIENCE COURSE		
				FISHERIES		
				FISH	499	INSTR
				FISH	501	INSTR
				FISH	507	INSTR
				FD SC	498	INSTR
				FD SC	504	INSTR
				FOREST RESOURCES		
				FOR R	322H	SCOTT
				FOR R	353	INSTR
				FOR R	490	INSTR
				FOR R	490H	INSTR
				FOR R	491	INSTR
				FOR R	492	INSTR
				FOR R	510	INSTR
				FOR R	514	INSTR
				FOR R	515	INSTR
				FOR R	520	SCOTT
				FOR R	522	SCOTT
				FOR R	526	STETTLER
				FOR R	530	SCHAEFFER OR MURPHY

FOR R	534	DRIVER	ORALB	510	MORGAN
FOR R	535	GARA	ORALB	515	MORGAN
FOR R	536	GARA	ORALB	520	REDMAN
FOR R	540	STENZEL	ORALB	540	SREBNEY
FOR R	550	SHARPE, WAGAR	ORALB	550	INSTR
FOR R	551	SHARPE	ORALB	600	GRAD ADV
FOR R	555	TABER	ORALB	700	GRAD ADV
FOR R	560	INSTR	PERIO	599	PR/PERM DEPT
FOR R	563	TURNBULL	MEDICINE		
FOR R	565	ROBERTSON	ANEST	480	WARD
FOR R	566	ROBERTSON	ANEST	486	BONICA
FOR R	568	DOWDLE	ANEST	498	DEPT
FOR R	570	INSTR	ANEST	499	BONICA
FOR R	572	ERICKSON	BIOC	520	DEPT
FOR R	574	BRYANT	BIOC	583	DEPT
FOR R	576	LENEY	BIOC	590	WALSH/NEURATH/TELLER
FOR R	590	INSTR	BIOC	591	WILCOX/JENSEN
FOR R	600	INSTR	BIOC	593	DAVIE/GORDON/MORRIS
FOR R	700	INSTR	BIOC	594	FISCHER
			BIOC	595	RUTTER
NURS	431	DEPT ADV	BIOC	597	GORDON
NURS	435	DEPT ADV	BIOC	598	RUTTER
NURS	436	DEPT ADV	BIOC	599	TELLER
			BIOC	600	DEPT
			BIOC	700	DEPT
PHARMACY			BIOLOGICAL STRUCTURE		
PHARM	483	PLEIN	PERMISSION REQUIRED FOR STUDENTS OTHER THAN LISTED		
PHARM	499	DEPT	IN THE GENERAL CATALOG		
PHARM	510	DEPT	B STR	440	SCHWARZ
PHARM	580	PLEIN	B STR	498	ADVISOR
PHARM	600	DEPT	B STR	499	ADVISOR
PHARM	700	DEPT	B STR	521	SZOLLOSI
PH CH	499	DEPT	B STR	525	EVERETT
PH CH	600	DEPT	B STR	533	LUFT
PH CH	700	DEPT	B STR	557	INST
PHCOG	406	BRADY	B STR	600	ADVISOR
PHCOG	499	DEPT	B STR	700	ADVISOR
PHCOG	600	DEPT	BI HS	498	INSTR
PHCOG	700	DEPT	BI HS	499	DEPT
GEOPHYSICS			BI HS	500	DEPT
GPHY	405J	DEPT	BI HS	511	DEPT
			BI HS	520	DEPT
RADIOLOGICAL SCIENCE			CONJ	318	LANDAU
RAD S	700	GRAD ADV	CONJ	585	SCHWARZ
COMPUTER SCIENCE			MED	402	WALLACE
C SCI	590	GOLDE	MED	432	GIBLETT
C SCI	600	GOLDE	MED	433	BRUCE
C SCI	700	GOLDE	MED	477	VANARSDEL
LIBRARIANSHIP			MED	478	OLAND
LIBR	441	DEPT	MED	479	VOLWILER
LIBR	442	DEPT	MED	481	PAULSEN
LIBR	443	SEC A&B	MED	482	BRUCE/BLACKMON/COBB/
LIBR	450	DEPT	MED	483	KENNEDY
LIBR	451	SEC A&B	MED	484	BUTLER
LIBR	452	DEPT	MED	485	FINCH/HILLMAN/HUFF/
LIBR	453	DEPT	MED	486	BINGHAM
LIBR	454	DEPT	MED	487	MOTULSKY/FIALKOW
LIBR	491	DEPT	MED	488	SWANSON
LIBR	509	DEPT	MED	489	WALLACE/CONN
LIBR	513	SEC A&B	MED	492	PETERSDORF/CONN
LIBR	514	DEPT	MED	493	BEATY
LIBR	554	DEPT	MED	498	WILLIAMS/REEVES/
			MED	499	NIELSEN
PUBLIC ADMINISTRATION			MED	498	SCRIBNER/CUTLER/
			MED	499	HEGSTROM
PERMISSION REQUIRED FOR OTHER THAN GRAD STUDENTS			MED	498	DEPT
PB AD	503	KROLL, NON MAJORS	MED	499	DEPT
PB AD	513	SHIPMAN, NON MAJORS	MICRO	320	DUCHOW
PB AD	523	LYDEN, NON MAJORS	MICRO	322	SHERRIS
PB AD	543	LYDEN, NON MAJORS	MICRO	496	DEPT ADV
PB AD	551	LYDEN, NON MAJORS	MICRO	498	DEPT ADV
PB AD	600	KROLL, NON MAJORS	MICRO	499	DEPT ADV
PB AD	702	DEPT	MICRO	499H	GROMAN
			MICRO	504	NESTER/DOUGLAS
PUBLIC POLICY			MICRO	505	KRUEGER
PB PL	500	MAJORS ONLY	MICRO	530	ORDAL
PB PL	532	DENNY, NON MAJORS	MICRO	600	DEPT ADV
PB PL	592	MILLER, DEPT	MICRO	700	DEPT ADV
PB PL	595	CRUTCHFIELD, PEALY	MICRO	702	DEPT ADV
PB PL	600	DEPT	NEUR	428	INSTR
PB PL	606	DEPT, MAJORS ONLY	NEUR	477	INSTR
SOCIAL WORK			NEUR	478	INST
			NEUR	479	INSTR
PERMISSION REQUIRED OF ALL NON-MAJORS FOR COURSES			NEUR	498	INSTR
500 OR ABOVE			NEUR	499	DEPT ADV
DENTISTRY					
DT CJ	534	DEPT			

OPHTH	481	KUPFER	P MED	499	DEPT ADV
ORTHP	475	DEPT	P MED	507	INST
ORTHP	498	DEPT	P MED	510	DEPT ADV
ORTHP	499	DEPT	P MED	522	INST
ORTHP	521	DEPT	P MED	523	INST
			P MED	533	INST
OTOL	481	DEPT	P MED	540	INSTR
OTOL	482	DEPT	P MED	593	INST
OTOL	483	DEPT	P MED	600	DEPT ADV
			P MED	700	DEPT ADV
PATH	322	DEPT ADV	PSYC	440	INSTR
PATH	426	DEPT	PSYC	441	BECKER
PATH	443	DEPT	PSYC	442	INSTR
PATH	460	DEPT ADV	PSYC	444	HAMPSON
PATH	461	DEPT ADV	PSYC	448	PRESTON
PATH	462	DEPT ADV	PSYC	452	DEPT ADV
PATH	463	DEPT ADV	PSYC	460	INST,RIPLEY
PATH	465	DEPT ADV	PSYC	462	INST,RIPLEY
PATH	466	DEPT ADV	PSYC	475	INSTR
PATH	467	DEPT ADV	PSYC	490	RIPLEY
PATH	468	DEPT ADV	PSYC	491	INST RIPLEY
PATH	469	DEPT ADV	PSYC	498	INST,RIPLEY
PATH	476	DEPT ADV	PSYC	499	INST,RIPLEY
PATH	480	DEPT ADV	PSYC	559	DEPT ADV
PATH	498	DEPT ADV	RADGY	475	INST
PATH	499	DEPT ADV	RADGY	494	DEPT/LINDAAS/RICHARDS
PATH	502	DEPT ADV	RADGY	495	INSTR/PARKER
PATH	503	DEPT ADV	RADGY	499	FIGLEY
PATH	508	DEPT ADV	RADGY	504	INST
PATH	510	DEPT ADV	RADGY	507	DEPT
PATH	520	DEPT ADV	RADGY	515	INST
PATH	551	DEPT ADV	RADGY	520	INST
PATH	552	DEPT ADV	RADGY	604	LINDAAS/RICHARDS
PATH	600	DEPT ADV			
PATH	700	DEPT ADV	SURG	483	DEPT
PEDS	404	INST	UROL	475	DEPT
PEDS	405	INST	UROL	484	DEPT
PEDS	406	INST			
PEDS	407	INST	SEC S	122	ALL SEC DEPT
PEDS	470	INST			
PEDS	472	OLIVER			
PEDS	473	INST			
PEDS	475	INST			
PEDS	481	INST			
PEDS	483	INST			
PEDS	485	INST			
PEDS	486	GUNTHEROTH			
PEDS	487	CARLSON			
PEDS	488	SHURTLEFF			
PEDS	490	INST			
PEDS	498	WEDGWOOD			
PEDS	499	INST			
P COL	498	INST			
P COL	499	INST			
P COL	507	INSTR			
P COL	525	INST			
PMGR	290	LUCCI			
PMGR	442	INST			
PMGR	520	DEPT			
PMGR	535	DEPT			
PMGR	540	DEPT			
PMGR	596	DEPT			
PMGR	600	DEPT			
P BIO	413	STIRLING			
P BIO	414	GALE & BRINGELMANN			
P BIO	415	DEPT ADV			
P BIO	492	INSTR			
P BIO	498	INSTR			
P BIO	499	INSTR			
P BIO	517	DEPT ADV			
P BIO	519	WOODBURY			
P BIO	520	DEPT ADV			
P BIO	521	DEPT ADV			
P BIO	527	PATTON			
P BIO	536	INSTR			
P BIO	559	TOWE			
P BIO	560	GORDON			
P BIO	600	DEPT ADV			
P BIO	700	DEPT ADV			
P MED	424	DEPT ADV			
P MED	442	DEPT ADV			
P MED	455	INSTR			
P MED	476	INSTR			
		NIELSEN			
P MED	478	INST			
P MED	480	DEPT ADV			
P MED	482	DEPT ADV			
P MED	483	DEPT ADV			
P MED	484	DEPT ADV			
P MED	498	DEPT ADV			

TIME SCHEDULE

SPRING QUARTER 1969

**INSTRUCTORS' NAMES ARE SHOWN ONLY WHERE
ASSIGNMENTS ARE KNOWN AT THE TIME OF
PUBLICATION OF THE TIME SCHEDULE.
ASSIGNMENTS ARE SUBJECT
TO CHANGE.**

**For sequence of listings, see
INDEX AND CODES, pp. 5 and 6**

COLLEGE OF ARCHITECTURE & URBAN PLAN

ARCHITECTURE

• 152	A	3	T TH	1030-1130 BONSTEEL	ARC	207	
• #300	A	4	M T F	130-430 230-430 THIEL & STAFF	*	*	
• #301	A	4		WITH 300			
• #302	A	4		WITH 300			
• 305	A	1	T F	130-230 THIEL & STAFF			
• 306	A	1		WITH 305			
• 307	A	1		WITH 305			
• 310	A	1	T TH	130-430 THIEL & STAFF	ARC	102	
• 311	A	1		WITH 310			
• 312	A	1		WITH 310			
• 322	A	3	M W F	730-930 ONOLYE	ARC	102	
• 322	B	3	M W F	730-930 LEBERT	GEB	326	
• 322	C	3	M W F	930-1130 TORRENCE	ARC	102	
• 322	D	3	M W F	930-1130 ALBRECHT	MEB	232	
• 332	A	2	T TH	930-1030 SMALL/SANDERS	JHN	056	
• 342	A	3	T TH	1030-1230 HASENSTAB	JHN	006	
• 352	A	3	M W F	1230-130 HILCEBRAND	BAG	140	
• 380	A	3	M W F	1130-1230 MGEORFF	SPI	318	
• 400	A	4	M W TF	230-430 OR 130-430 WHERRETTE & STAFF	*	*	
• 401	A	4		WITH 400			
• 402	A	4		WITH 400			
• 405	A	1	M W	130-230 WHERRETTE & STAFF	*	*	
• 406	A	1		WITH 405			
• 407	A	1		WITH 405			
• 410	A	1	T	130-430 ROHRER	*	*	
• 411	A	1		WITH 410			
• 412	A	1		WITH 410			
• 422	A	4	T TH	830-1130 GRAY	GEB	226	
• 422	B	4	T TH	830-1130 TORRENCE	ARC	102	
• 422	C	4	T TH	930-1230 LEBERT	GEB	227	
• 436	A	2	T TH	430-530 TIMPE	JHN	006	
• 442	A	3	M W F	930-1030 ALDEN	*	*	
• 452	A	3	M W F	1030-1130 STEINBRUECK	MLR	301	

ARCHITECTURE - CONTINUED

• 455	A	3	M W F	1230-130 PUNCT	GEB	134	
• 456	A	3	M W F	1030-1130 PUNCT	THO	101	
• 460	A	3	M W F	1130-1230 SELIGMANN	ARC	101	
• 482	A	3	M W F	1230-130 CARROLL	BAG	236	
• 499	A	*	*	*	*	*	
• 500	A	6	D	130-430 SELIGMANN & STAFF	ARA	*	
• 501	A	6		WITH 500			
• 502	A	6		WITH 500			
• 503	A	6	D	130-430 SMALL & STAFF	ARA	*	
• 504	A	6		WITH 503			
• 505	A	6		WITH 503			
• 508	A	2	T TH	930-1130 THIEL	ARA	*	
• 512	A	3	M W F	930-1130 SPRUCLE/ROHRER	ARB	*	
• 522	A	3	M W F	830-930 ALBRECHT	MEB	105	
• 524	A	6	MT TF	130-430 STREISSGUTH	ARC	106	
• 525	A	6		WITH 524			
• 526	A	6		WITH 524			
• 536	A	2	M W	430-530 TOWNE	ARC	101	
• 572	A	3	T TH	1230-130 MITHUN	GEB	422	
• 600	A	*	*	*	*	*	
• 700	A	*	*	*	*	*	

BUILDING CONSTRUCTION

• 320	A	3	M W F	130-330 POMEROY	GEB	227	
• 410	A	3	*	* HUTCHINSON	*	*	
• 420	A	3	M W F	730-830 FLAHERTY	GEB	222	

LANDSCAPE ARCHITECTURE

• 336	A	4	T TH	930-1130 SAKLMA	ARC	101	
• 350	A	6	D	130-430 SAKLMA	*	*	
• 351	A	6		WITH 350			
• 352	A	6		WITH 350			
• 460	A	6	D	130-430 JAMES	*	*	
• 461	A	6		WITH 460			
• 462	A	6		WITH 460			

URBAN PLANNING

• 201	A	2	T TH	1030-1130	MOR	219	
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‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

URBAN PLANNING - CONTINUED

400	A	3	M W F	103C-1130 GAYCEN	JHN	056
400	B	3	M W F	123C-130 WOLFE	ARC	101
* 425	A	3		WITH C E 425		
451J	A	3/5		WITH GEOG 451J		
*481	A	3	M W F	93C-1030 WOLFE/HIGHTOWER	ARC	101
485	A	3	M W F	113C-1230 GREY/HIGHTOWER	ARC	102
* 490	A	3	M W F	103C-1130 NORTON	ARC	101
*499	A	5		D 123C-130 JAMPAL	ARC	202A
505	A	2	TH	13C-330 SEYFRIED	ARC	101
*521	A	*	F	13C-330 HIGHTOWER, JAMPAL	ARC	102
*524	A	2	T	13C-330 BERRY	ARC	202A
529J	A	3		WITH C E 529J		
*540	A	5	M W	23C-530 JAMPAL/COPELAND	ARC	103
*540	B	5		WITH 540 A		
544	A	5	M W	23C-530 BERRY	ARC	202A
* 551	A	3		WITH GEOG 551		
* 579	A	3	T TH	103C-1200 WOLFE	ARC	202A
*600	A	*	M W F	103C-1130 HORNWOOD	ARC	202A
*600	B	*	T TH	33C-530 HIGHTOWER	ARC	202A
*700	A	*	F	13C-530 NORTON	ARC	202A

COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY

100	A	5	MTW F	73C-830 LIEBER	*	*
	AA	QZ	TH	73C-830	PLR	104
	AB	QZ	TH	73C-830	SAV	132
	AC	QZ	TH	73C-830	SAV	137
	AD	QZ	TH	73C-830	SAV	335
	AE	QZ	TH	73C-830	PLR	316
*	H	AF	QZ	TH 73C-830 LIEBER	SAV	401
	AG	QZ	TH	103C-1130	SAV	137
	AH	QZ	TH	103C-1130	PLR	104
	AI	QZ	TH	103C-1130	SAV	132
	AJ	QZ	TH	103C-1130	SAV	335
	AK	QZ	TH	103C-1130	SAV	241
	AL	QZ	TH	123C-130	SAV	132
	AM	QZ	TH	123C-130	SAV	335

ANTHROPOLOGY - CONTINUED

	BA	QZ	TH	123C-130	SAV	137
	BB	QZ	TH	123C-130	PLR	104
	BC	QZ	TH	23C-330	SAV	335
	BC	QZ	TH	23C-330	SAV	132
	BE	QZ	TH	23C-330	THO	235
	BF	QZ	TH	23C-330	SAV	137
201	A	5	M W F	83C-930 SHINDLER	*	*
	AA	QZ	T	83C-930	SAV	132
	AB	QZ	T	83C-930	*	*
	AC	QZ	T	83C-930	SAV	137
	AC	QZ	T	83C-930	*	*
*	H	AE	QZ	T 83C-930 SHINDLER	SAV	401
	AF	QZ	T	103C-1130 LIEBER	SAV	132
	AG	QZ	T	103C-1130	SAV	137
	AH	QZ	T	103C-1130	*	*
	AI	QZ	T	103C-1130	*	*
	AJ	QZ	T	123C-130	PLR	316
	AK	QZ	T	123C-130	SAV	137
	AL	QZ	T	123C-130	SAV	335
	AM	QZ	T	123C-130	SAV	132
	BA	QZ	T	123C-130	PLR	104
	BB	QZ	T	23C-330	SAV	335
	BC	QZ	T	23C-330	SAV	137
	BC	QZ	T	23C-330	SAV	132
	BE	QZ	T	23C-330	*	*
	BF	QZ	T	23C-330	SAV	241
202	A	5	M W F	93C-1030 KEYES	*	*
	AA	QZ	T	83C-930	SAV	131
	AB	QZ	T	83C-930	SAV	241
	H	AC	QZ	T 93C-1030	SAV	131
	AC	QZ	T	93C-1030	SAV	132
	AE	QZ	T	103C-1130	SAV	241
	AF	QZ	T	103C-1130	SAV	335
	AG	QZ	T	13C-230	SAV	131
	AH	QZ	T	13C-230	SAV	132
	AI	QZ	T	33C-430	SAV	131
202	U	5	M W	70C-920 PM SOLLAND	SAV	131
212	A	3	M W F	103C-1130	SAV	131
* 301	A	3	T TH	103C-1200 TAYLOR	SAV	131
* 303	A	3	M W F	93C-1030 GREENGO	SAV	135
* 304	A	3	M W F	83C-930 DUNKELL	SAV	131
* 313	A	3	M W F	113C-1230 SPAIN	SAV	131

ANTHROPOLOGY - CONTINUED

*345J	A	3	M W F	103C-1130 HOLM	ART 003
425	U	3	M W	70C-825 PM PATTERSON	SAV 132
*430	A	3	M W F	93C-1030 GARFIAS	SAV 146
*431	A	3	M W F	103C-1130 GARFIELD	SAV 132
434	A	3	M W F	113C-1230 REAC	SAV 135
435	A	5	M W F	93C-1030 WATSON	SAV 137
437	U	5	T TH	70C-825 PM SILVERSTEIN	SAV 131
*439	A	5	M W F	93C-1030 OTTENBERG	SAV 131
*453J	A	3	M W F	13C-230 VALFELLS	SAV 131
*458	A	5	D	103C-1130 EASTMAN	* *
*458	B	5	D T TH T TH	103C-1130 113C-1230 113C-1230 SHOKA	* * * * SAV 335
*463J	A	3	M W F	93C-1030 CONTRERAS	SAV 132
*468	A	3	M W F	113C-1230 EASTMAN	SAV 260
*469	A	3	M W F	113C-1230 TAYLOR	SAV 132
471	A	3	M W F	113C-1230 KRIEGER	* *
482	A	5	M W F M W	13C-230 23C-500 NEWELL	SAV 401 SAV 401
*490	A	3	M W F	33C-430 CARROLL	SAV 132
491	A	3	*	* QUIMBY	* *
*495	A	3	M W F	103C-1130 OWEN	SAV 237
*499	A	*	*	*	* *
*499 H	B	*	*	* REAC	* *
*500	A	6	*	* KEYES	* *
*502	A	6	*	* SWINDLER	* *
505	A	3	M W F	23C-330 JACCBS	SAV 241
512	A	3	T	23C-430 CARROLL	* *
513	A	3	M	33C-530 SPAIN	SAV 137
527	A	3	W	13C-330 WATSON	* *
532	A	3	T	103C-1230 JACCBS	* *
537	A	3	M	33C-530 OTTENBERG	SMI 409
541	A	3	M	33C-430 LANGNESS	MLR 104

ANTHROPOLOGY - CONTINUED

559	A	3	TH	13C-330 OWEN	SAV 237
573	A	3	T	23C-430 GREENGO	* *
574	A	3	T	33C-530 KRIEGER	* *
*575	A	3	W	23C-430 DUNNELL	* *
591	A	3	*	* QUIMBY	* *
*600	A	*	*	*	* *
*700	A	*	*	*	* *
ART					
100	A	3	T TH	103C-130 ELEM EDUC MAJORS	ART 010
100	B	3	M W F	13C-330 ELEM EDUC MAJORS	ART 010
100	C	3	M W F	33C-530 ELEM EDUC MAJORS	ART 216
105	A	3	T TH	73C-1030	ART 230
105	B	3	M W F	93C-1130 ART MAJORS	ART 230
105	G	3	M W F	13C-330 ART MAJORS	ART 230
105	D	3	T TH	13C-430	ART 230
105	U	3	M W	70C-940 PM	ART 230
105	V	3	T TH	70C-940 PM	ART 227
105	W	3	T TH	70C-940 PM	ART 230
106	A	3	M W F	73C-930	ART 230
106	B	3	M W F	93C-1130	ART 227
106	C	3	T TH	103C-130 ART MAJORS	ART 227
106	D	3	M W F	113C-130 ART MAJORS	ART 227
106	E	3	M W F	33C-530	ART 230
106	U	3	M W	70C-940 PM	ART 229
106	V	3	T TH	70C-940 PM	ART 229
107	A	3	M W F	73C-930 ART MAJORS	ART 229
107	B	3	T TH	73C-1030	ART 227
107	C	3	M W F	93C-1130 ART MAJORS	ART 229
107	D	3	T TH	103C-130 ART MAJORS	ART 229
107	E	3	M W F	113C-130 ART MAJORS	ART 229
*107	F	3	M W F	113C-130	ART 301
107	G	3	M W F	13C-330 ART MAJORS	ART 227
*107	H	3	M W F	13C-330	ART 301
107	I	3	T TH	13C-430 ART MAJORS	ART 229
107	J	3	M W F	33C-530	ART 229
107	U	3		WITH 106 U	
107	V	3		WITH 106 V	

ART - CONTINUED

109	A	3	M W F	93C-1130 ART MAJORS	ART	201
109	B	3	T TH	1030-130 ART MAJORS	ART	201
109	C	3	M W F	113C-130	ART	207
109	D	3	M W F	130-330	ART	201
109	E	3	T TH	13C-430 ART MAJORS	ART	207
109	U	3	M W	70C-940 PM	ART	207
109	V	3	T TH	70C-940 PM	ART	207
110	A	3	M W F	730-930	ART	228
110	B	3	M W F	93C-1130 ART MAJORS	ART	228
110	C	3	T TH	1030-130 ART MAJORS	ART	228
110	D	3	M W F	130-330 ART MAJORS	ART	228
110	U	3	T TH	70C-940 PM	ART	228
*129	A	2	M W F	930-1130	ART	301
129	B	2	T TH	930-1030 ART MAJORS	ART	003
*129	C	2	T TH	130-430	ART	301
129	U	2	W	70C-850 PM	ART	003
201	A	3	T TH	730-1030	FRR	*
201	U	3	T TH	70C-940 PM	FRR	*
202	A	3	T TH	1030-130 BAUER	FRR	*
202	B	3	T TH	130-430 BAUER	FRR	*
203	A	3		WITH 202 A		
203	B	3		WITH 202 B		
205	A	3	M W F	93C-1130 DAHNA	ART	247
205	B	3	M W F	130-330 DAHNA	ART	232
212	A	3	M W F	1230-130	*	*
213	A	3	T TH	1130-100	*	*
214	A	3	M W F	113C-1230	*	*
215	A	5	D	830-930 ROGERS	ART	003
* 250	A	3	T TH	1030-130 PROCTOR	ART	236
* 251	A	3	T TH	73C-1030 FULLER	ART	123
* 253	A	3	T TH	1030-130	ART	130
* 253	B	3	M W F	130-330	ART	130
* 254	A	3	M W F	930-1130	ART	123
* 254	B	3	M W F	1130-130	ART	123
* 255	A	3	M W	1030-130 PROCTOR	ART	236
256	A	3	M W F	93C-1130	ART	322
256	B	3	T TH	1030-130	ART	322
256	C	3	M W F	130-330	ART	322
257	A	3	M W F	113C-130	ART	325
257	B	3	T TH	130-430	ART	322
* 258	A	3	M W F	93C-1130	ART	325
* 258	B	3	M W F	113C-130	ART	322

ART - CONTINUED

* 258	C	3	T TH	13C-430	ART	325
259	A	3	M W F	93C-1130	ART	320
259	B	3	T TH	1030-130	ART	320
259	C	3	M W F	113C-130	ART	320
259	D	3	M W F	130-330	ART	320
259	E	3	T TH	13C-430	ART	320
259	U	3	M W	70C-940 PM	ART	320
261	A	3	T TH	73C-1030	ART	116
261	U	3	T TH	70C-940 PM	ART	116
262	A	2	M W	93C-1030 INTERIOR DSGN MAJ HILL	ART	003
265	A	3	T TH	73C-1030	ART	304
265	B	3	M W F	930-1130	ART	304
265	C	3	T TH	1030-130	ART	304
265	D	3	M W F	1130-130	ART	304
265	E	3	M W F	130-330	ART	304
265	F	3	M W F	33C-530	ART	304
266	A	3		WITH 265 A		
266	B	3		WITH 265 B		
266	C	3		WITH 265 C		
266	D	3		WITH 265 D		
266	E	3		WITH 265 E		
266	F	3		WITH 265 F		
267	A	3		WITH 265 A		
267	B	3		WITH 265 B		
267	C	3		WITH 265 C		
267	D	3		WITH 265 D		
267	E	3		WITH 265 E		
267	F	3		WITH 265 F		
268	A	3	T TH	13C-430 LUNCIN	ART	304
272	A	3	M W	830-1130	ART	124
272	B	3	T TH	1030-130	ART	124
272	C	3	M W	130-430	ART	124
272	D	3	T TH	13C-430	ART	025
273	A	3		WITH 272 A		
273	B	3		WITH 272 B		
273	C	3		WITH 272 C		
273	D	3		WITH 272 D		
274	A	3		WITH 272 A		
274	B	3		WITH 272 B		
274	C	3		WITH 272 C		
274	D	3		WITH 272 D		
* 282	A	3	M W F	83C-1030	ART	110
* 282	B	3	M W F	103C-1230 HILL	ART	110
302	A	3	M W	93C-1130	ART	216

ART - CONTINUED

304	A	3	M W	83C-1030 PROCTOR	ART	236	
305	A	3	T TH	103C-1230	ART	216	
305	B	3	M W	13C-330	ART	216	
•307	A	3	T TH	103C-130	ART	325	
•307	B	3	M W	13C-430	ART	325	
•308	A	3		WITH 307 A			
•308	B	3		WITH 307 B			
309	A	3	M W	83C-1130	ART	329	
312	A	5		D 13C-330 HILL	ART	116	
314	A	3	T	123C-130 GRAFHEIND DSGN RIECKS	CMU	226	
	AN LB		S	83C-1230	CMU	226	
			S	83C-1230	CMU	214	
	AD LB		W	43C-830	CMU	226	
			W	43C-830	CMU	214	
	AP LB		TH	43C-830	CMU	226	
			TH	43C-830	CMU	214	
318	A	5		D 13C-330	ART	132	
322	A	3	T TH	130-430 DUPEN	ART	124	
323	A	3		WITH 322			
324	A	3		WITH 322			
325	A	3	M W	113C-1230 113C-130 KOTTLER	ART	215	
					ART	215	
332	A	3		WITH 322			
333	A	3		WITH 322			
334	A	3		WITH 322			
•335	A	3	M W	13C-430	FRR	*	
•336	A	3		WITH 335			
•339	A	5	M W F	13C-430 SPERRY	ART	006	
342J	U	3	M W	70C-830 PM PASCAL	CEN	308	
•345J	A	3		WITH ANTHRO 345J			
350	A	3	T TH	103C-130 RITCHIE	ART	210	
350	B	3	T TH	13C-430 RITCHIE	ART	210	
351	A	3	M W F	73C-930 ALPS	ART	210	
352	A	3		WITH 351			
353	A	5	M W F	130-530 KOTTLER	FRR	*	
354	A	5		WITH 353			
355	A	5		WITH 353			
357	A	3	M W	13C-430 PENINGTON	ART	123	
358	A	3	T TH	93C-1230 PENINGTON	ART	125	
359	A	3		WITH 357			
360	A	3	M W	83C-1130	ART	327	
360	B	3	T TH	13C-430	ART	327	
361	A	3	T TH	103C-130	ART	327	
361	B	3	M W	13C-430	ART	327	

ART - CONTINUED

362	A	3		WITH 361 A			
362	B	3		WITH 361 B			
368	A	3	M W F	113C-130 DAHM	ART	247	
425	A	3	T TH	103C-1200 ROGERS	ART	003	
428	A	3	M W F	13C-230 KINGSBURY	ART	003	
436	A	5		WITH 322			
437	A	5		WITH 322			
438	A	5		WITH 322			
•444	A	3	M W F	113C-1230	ART	003	
447	A	5		D 33C-530 DEL GIUDICE	ART	132	
450	A	5	M W F	93C-1230 ALPS	ART	210	
451	A	5		WITH 450			
452	A	5		WITH 450			
457	A	3		WITH 357			
458	A	3		WITH 358			
459	A	3		WITH 357			
463	A	3	T TH	103C-130	ART	329	
463	B	3	M W	13C-430	ART	329	
464	A	3		WITH 463 A			
464	B	3		WITH 463 B			
465	A	3		WITH 463 A			
465	B	3		WITH 463 B			
468	A	5	M W F	13C-430 CAPLAN	ART	247	
474	A	5		D 13C-330	ART	110	
475	A	3		WITH 463 A			
475	B	3		WITH 463 B			
476	A	3		WITH 463 A			
476	B	3		WITH 463 B			
477	A	3		WITH 463 A			
477	B	3		WITH 463 B			
480	A	3	M W F	73C-930 RANC	ART	247	
485	A	5		WITH 353			
486	A	5		WITH 353			
487	A	5		WITH 353			
•489	A	3	T TH	13C-300 CHRISTOFIDES	ART	003	
495	A	5	T TH	13C-430	ART	247	
•498D	DA	3/5	*	*	*	*	
•498H	HA	3/5	*	*	*	*	
•498P	PA	3/5	*	*	*	*	
502	A	3/5	*	*	*	*	
				JOHNSON			
509	A	3		WITH 309			
512	A	3	*	*	*	*	
522	A	3/5		WITH 322			
523	A	3/5		WITH 322			
524	A	3/5		WITH 322			

‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

ART - CONTINUED

530	A	3/5	*	*	*	*
531	A	3/5	*	*	*	*
532	A	3/5	*	*	*	*
550	A	3/5			WITH 450	
551	A	3/5			WITH 450	
552	A	3/5			WITH 450	
553	A	3/5			WITH 353	
554	A	3/5			WITH 353	
555	A	3/5			WITH 353	
560	A	3/5			WITH 361 A	
560	B	3/5			WITH 361 B	
561	A	3/5			WITH 361 A	
561	B	3/5			WITH 361 B	
562	A	3/5			WITH 361 A	
562	B	3/5			WITH 361 B	
563	A	3/5			WITH 463 A	
563	B	3/5			WITH 463 B	
564	A	3/5			WITH 463 A	
564	B	3/5			WITH 463 B	
565	A	3/5			WITH 463 A	
565	B	3/5			WITH 463 B	
* 594	A	3	*	*	MERRILL	*
*600	A	*	*	*		*
700	A	*	*	*		*
702	A	3	*	*		*

ASTRONOMY

101	A	5	M W F	230-330 JACCBSSEN	PHY	334
	AA	QZ	T TH	83C-930	PHY	154
	AB	QZ	T TH	93C-1030	PHY	154
	AC	QZ	T TH	103C-1130	*	*
	AD	QZ	T TH	113C-1230	PHY	252
	AE	QZ	T TH	123C-130	PHY	252
	AF	QZ	T TH	13C-230	PHY	154
	AG	QZ	T TH	23C-330	PHY	252
	AH	QZ	T TH	33C-430	PHY	154
301	A	3	T TH	40C-530 ROSENDHAL	PHY	152
422	A	3	T TH	23C-400 JACCBSSEN	*	*
* 432	A	3	M W F	93C-1030 E. BOHN-VITENSE	*	*
*499	A	*	*	*	*	*
* 513	A	3	M W F	23C-330 BARCEEN	PHY	260
* 597	A	3	T TH	23C-400 MOFFET	PHY	256

ASTRONOMY - CONTINUED

598	A	3	M W F	103C-1130 BOHM	*	*
*600	A	*	*	*	*	*
* 700	A	*	*	*	*	*

ATMOSPHERIC SCIENCES

101	A	5	MTWT	83C-930 CHURCH	*	*
	AA	QZ	TH	113C-1230	ATS	110
	AB	QZ	TH	123C-130	ATS	110
	AC	QZ	F	123C-130	ATS	110
	AC	QZ	F	13C-230	ATS	110
	AE	QZ	TH	103C-1130	ATS	110
	AF	QZ	F	103C-1130	ATS	110
329	A	3	M W F	113C-1230 FRITSCHEN	ATS	110
340	A	5	D	93C-1030 HCBES	ATS	110
*390 H	A	*	*	* BADGLEY	*	*
452	ZN	5	D	13C-430 13C-430 MITCHELL, WALLACE	ATS	208D 208C
*493	A	*	*	*	*	*
* #512J	A	3	*	* UNTERSTEINER	*	*
* #514J	A	6	*	* LA CHAPPELLE	*	*
533	A	3	*	* BUETTNER	*	*
* 539J	A	3	*	* LEOVY	*	*
542	A	3	M W F	93C-1030 FLEAGLE	ATS	208C
544	A	3	M W F	23C-330 HOLTON	ATS	110
548	A	3	M W F	103C-1130 BUSINGER	ATS	208C
551	ZN	3	*	* MITCHELL, WALLALE	*	*
*593	ZN	3	*	* BADGLEY	ATA	102
600	A	*	*	*	*	*
700	A	*	*	*	*	*

BIOLOGY

212	A	5	M W F	83C-930 CUMMINS, HARTWELL HAUSHKA	*	*
	AN	LB	M	13C-530	JFN	401C
	AC	LB	T	13C-530	JFN	401C
	AP	LB	W	13C-530	JFN	401C
	AQ	LB	TH	13C-530	JFN	401C
	AR	LB	F	13C-530	JFN	401C

BIOLOGY - CONTINUED

*501	A	5	*	*	HSU	*	*
BOTANY							
111	A	5	M W F		83C-930 HASKINS	*	*
	AA QZ		F		93C-1030	JFN	313
	AB QZ		F		103C-1130	JFN	313
	AC QZ		F		103C-1130	JFN	315
	AD QZ		F		113C-1230	JFN	313
	AE QZ		F		130-230	JFN	313
	AF QZ		F		130-230	JFN	009
	AN LB		TH		73C-1030	JHN	313
	AO LB		TH		73C-1030	JHN	315
	AP LB		T		103C-130	JFN	313
	AQ LB		T		103C-130	JFN	315
	AR LB		TH		103C-130	JFN	313
	AS LB		TH		103C-130	JFN	315
	AT LB		T		13C-430	JFN	313
	AU LB		T		13C-430	JFN	315
112	A	5	M W		123C-130 NICHOLSON	JFN	009
	AA QZ		F		83C-930	JFN	302
	AB QZ		F		93C-1030	JFN	302
	AC QZ		F		113C-1230	JFN	302
	AN LB		M W		73C-930	JFN	302
	AO LB		M W		93C-1130	JFN	302
	AP LB		M W		130-330	JFN	302
113	A	5	M W F		83C-930 HITCHCOCK	*	*
	AN LB		M W		93C-1130	JHN	313
	AC LB		M W		93C-1130	JFN	315
	AP LB		M W		93C-1130	JFN	343
	AQ LB		M W		113C-130	JFN	313
	AR LB		M W		113C-130	JFN	315
	AS LB		M W		113C-130	JFN	343
	AT LB		M W		130-330	JFN	313
	AL LB		M W		130-330	JFN	343
	AV LB		M W		33C-530	JFN	313
203	A	2	T TH		23C-430 MUHLICK	GRH	*
331	A	3	T TH		23C-530 HITCHCOCK	JFN	343
371	A	5	M W F		103C-1130 NEELSE, HALPERIN	JHN	009
	AN LB		T TH		1030-130	JFN	406
	AO LB		T TH		23C-530	JFN	406
441	A	5	T TH		123C-230 BLASER	JFN	302
	AN LB		T TH		23C-500	JFN	302

BOTANY - CONTINUED

446	A	5	M W F		93C-1030 NORRIS	JFN	009
	AN LB		W F		1230-230	JFN	401A
	AO LB		W F		23C-430	JFN	401A
* 45C	A	3	M W F		130-230 DEL MORAL	JHN	341
* 451	ZN	2	W F		230-530 & 2 WKEND FLD TRP	JFN	315
* 466	A	5	T TF		123C-130 STUNTZ	JFN	341
	AN LB		T TH		13C-430	JHN	401A
*498	A	1-15	*		*	*	*
*523	A	2	*		STUNTZ	*	*
*526	A	2	*		TSUKADA	*	*
577	A	3	M W F		113C-1230	JHN	341
578	A	2	M W		13C-430	JHN	406
*600	A	*	*		*	*	*
*700	A	*	*		*	*	*
CHEMISTRY							
100	A	5	M W F		23C-330 GOUTERMAN	BAG	131
	AA QZ		T		13C-230	PH3	005
	AB QZ		T		13C-230	BAG	204
	AC QZ		T		23C-330	BAG	204
	AD QZ		T		23C-330	*	*
	AE QZ		T		23C-330	*	*
	AF QZ		T		33C-430	PHY	258
102	A	5	MTWT		93C-1030 ANDERSON	BAG	131
	AN LB		F		830-1030	BAG	253
	AO LB		F		83C-1030	BAG	253
	AP LB		F		93C-1130	BAG	249
	AQ LB		F		930-1130	BAG	249
	AR LB		F		93C-1130	BAG	249
	AS LB		TH		113C-130	BAG	253
	AT LB		TH		113C-130	BAG	253
	AL LB		TH		113C-130	BAG	233
	AV LB		F		123C-230	BAG	233
	AW LB		F		1230-230	BAG	233
	AX LB		F		23C-430	BAG	233
	AY LB		F		23C-430	BAG	233
140	A	3	M W F		23C-330 STOLT	BAG	140
	AA QZ		T		23C-330	*	*
	AB QZ		T		23C-330	*	*
	AC QZ		T		23C-330	*	*
	AD QZ		T		33C-430	PH3	005
	AE QZ		T		33C-430	BAG	204

CHEMISTRY - CONTINUED

150	A	3	M W F	123C-130 EGGERS	BAG	131
	AA QZ		T	113C-1230	PHY	005
	AB QZ		T	113C-1230	PHY	154
	AC QZ		T	113C-1230	PHY	258
	AD QZ		T	113C-1230	PHY	260
	AE QZ		T	113C-1230	BAG	204
	AF QZ		T	123C-130	BAG	204
	AG QZ		T	123C-130	*	*
	AH QZ		T	123C-130	*	*
	AI QZ		T	123C-130	*	*
	AJ QZ		T	230-330	*	*
	AK QZ		T	23C-330	*	*
	AL QZ		T	23C-330	PHY	005
151	A	2	M	33C-430 EICHINGER	BAG	131
	AN LB		T	830-1130	BAG	253
	AO LB		T	83C-1130	BAG	253
	AP LB		TH	83C-1130	BAG	253
	AQ LB		TH	83C-1130	BAG	253
	AR LB		T	13C-430	BAG	253
	AS LB		T	13C-430	BAG	253
	AT LB		W	13C-430	BAG	253
	AU LB		W	13C-430	BAG	253
	AV LB		TH	13C-430	BAG	253
	AW LB		TH	13C-430	BAG	253
	AX LB		F	13C-430	BAG	253
	AY LB		F	13C-430	BAG	253
160	A	3	M W F	83C-930 ROWE	BAG	131
	AA QZ		TH	730-830	PHY	154
	AB QZ		TH	73C-830	PHY	152
	AC QZ		TH	730-830	PHY	005
	AD QZ		TH	73C-830	BAG	204
	AE QZ		TH	93C-1030	*	*
	AF QZ		TH	93C-1030	*	*
	AG QZ		TH	93C-1030	*	*
	AH QZ		TH	93C-1030	*	*
	AI QZ		TH	113C-1230	*	*
	AJ QZ		TH	113C-1230	PHY	005
	AK QZ		TH	130-230	*	*
	AL QZ		TH	13C-230	PHY	005
160	B	3	M W F	83C-930 VANDENBOSCH	BAG	140
	BA QZ		TH	730-830	PHY	258
	BB QZ		TH	730-830	PHY	260
	BC QZ		TH	93C-1030	*	*
	BD QZ		TH	930-1030	PHY	005
	BE QZ		TH	113C-1230	PHY	260
	BF QZ		TH	113C-1230	PHY	258

CHEMISTRY - CONTINUED

160	C	3	M W F	13C-230 MACCLIN	BAG	131	
	CA QZ		TH	103C-1130	*	*	
	CB QZ		TH	103C-1130	*	*	
	CC QZ		TH	103C-1130	*	*	
	CD QZ		TH	103C-1130	*	*	
	CE QZ		TH	123C-130	*	*	
	CF QZ		TH	123C-130	*	*	
	CG QZ		TH	123C-130	BAG	204	
	CH QZ		TH	123C-130	*	*	
	CI QZ		TH	13C-230	BAG	204	
	CJ QZ		TH	13C-230	*	*	
	CK QZ		TH	23C-330	BAG	204	
	CL QZ		TH	23C-330	PHY	005	
160	D	3	M W F	13C-230 RITTER	BAG	140	
	DA QZ		TH	103C-1130	*	*	
	DB QZ		TH	103C-1130	*	*	
	DC QZ		TH	123C-130	*	*	
	DD QZ		TH	13C-230	*	*	
	DE QZ		TH	23C-330	*	*	
160	U	3	M W	70C-900 PM	BAG	140	
	* #165 H A		3	M W F	83C-930 HALSEY	BAG	236
	* #167 H A		3	T TH	83C-930 ROSE	BAG	204
	* H AN LB		T TH	93C-1230	BAG	133	
	* H AO LB		T TH	13C-430	BAG	133	
170	A	3	T TH	83C-930 CADY	BAG	131	
	AN LB		W F	83C-1130	BAG	246	
	AO LB		W F	83C-1130	BAG	246	
	AP LB		T TH	113C-230	BAG	246	
	AQ LB		T TH	113C-230	BAG	246	
	AR LB		T TH	113C-230	BAG	246	
	AS LB		W F	23C-530	BAG	246	
	AT LB		W F	23C-530	BAG	246	
	AU LB		W F	23C-530	BAG	246	
170	B	3	T TH	123C-130 CADY	BAG	131	
	BN LB		T TH	83C-1130	BAG	246	
	BO LB		T TH	83C-1130	BAG	246	
	BP LB		T TH	83C-1130	BAG	246	
	BQ LB		W F	113C-230	BAG	246	
	BR LB		W F	113C-230	BAG	246	
	BS LB		T TH	230-530	BAG	246	
	BT LB		T TH	230-530	BAG	246	
	BU LB		T TH	23C-530	BAG	246	
*198	A	1	M	43C-530 ISENHOUR	BAG	204	
*198 H	B	1			WITH 198 A		

CHEMISTRY - CONTINUED

#199	A	1	M	33C-430 ROSE	EAG	204
#199 H	B	1		WITH 199 A		
221	A	5	M W	113C-1230 ROBINSON	PH3	003
	AN LB		T T S	83C-1130	EAG	149
	AQ LB		M W F	13C-430	EAG	149
	AP LB		M W F	13C-430	EAG	149
	AQ LB		M W F	13C-430	EAG	133
231	A	3	M W F	103C-1130 ANDERSEN	*	*
241	ZN	2	T TH T TH	83C-930 93C-1130	EAG EAG	237 233
241	ZC	2	M W M W	13C-230 23C-430	EAG EAG	237 233
241	ZP	2	T TH T TH	13C-230 23C-430	EAG EAG	237 233
242	ZN	2	T TH T TH	83C-930 93C-1130	EAG EAG	237 233
242	ZO	2	M W M W	13C-230 23C-430	EAG EAG	237 233
242	ZP	2	T TH T TH	13C-230 23C-430	EAG EAG	237 233
337	A	3	M W F	103C-1130 CHILTON	EAG	131
347	A	3	I	103C-1130 WOODMAN	EAG	131
	AN LB		M W	13C-500	EAG	249
	AQ LB		M W	13C-500	EAG	249
	AP LB		T TH	13C-500	EAG	249
	AQ LB		T TH	13C-500	EAG	249
	AR LB		T TH	13C-500	EAG	249
	AS LB		T TH	13C-500	EAG	149
	AT LB		T TH	13C-500	EAG	149
351	A	3	M W F	103C-1130 GREGORY	EAG	140
410	A	3	T TH	1030-1130 FAIRHALL	EAG	204
	AN LB		TH	13C-430	EAG	034
	AQ LB		F	130-430	EAG	034
426	A	3	M W F	113C-1230 CRITTENDEN/ ISENHOUR	EAG	204
455	A	3	M W F	13C-230 VINCOV	EAG	204
457	A	3	M W F	93C-1030 LINGAFELTER	EAG	140
#457 H	B	3	M W F	93C-1030 DAVIDSON	EAG	236
#458	A	4	T	1230-130 SCHURR	EAG	140
	AN LB		T TH	83C-1230	EAG	134
	AQ LB		T TH	830-1230	EAG	134
	AP LB		M F	13C-530	EAG	134
	AQ LB		M F	13C-530	EAG	134
	AR LB		M F	13C-530	EAG	134
	AS LB		T TH	13C-530	EAG	134
	AT LB		T TH	13C-530	EAG	134
	AL LB		T TH	13C-530	EAG	134

CHEMISTRY - CONTINUED

	AV LB		W S	13C-530 830-1230	EAG BAG	134 134
	AW LB		W S	13C-530 83C-1230	EAG EAG	134 134
	AX LB		W S	130-530 83C-1230	EAG EAG	134 134
#499	A	*	*	*	*	*
#499 H	B	*	*	*	*	*
508	A	3	M W F	83C-930 MEYER	EAG	211
532	A	3	M W F	103C-1130 SCHUBERT	EAG	211
540	A	3	M W F	113C-1230 POCKER	EAG	211
553	A	3	M W F	83C-930 SLUTSKY	EAG	204
559	A	3	M W F	1030-1130 RABINOVITCH	EAG	204
581	A	3	*	*	*	*
582	A	3	*	*	*	*
583	A	3	*	*	*	*
585	A	3	*	*	*	*
590	A	1	T	33C-530	EAG	140
591	A	1	TH	33C-530	EAG	140
592	A	1	T	430-530	EAG	236
593	U	1	M	730-930 PM	EAG	237
595	A	1	W	330-530	EAG	140
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*
CLASSICS						
CLASSICS						
101	A	2	T TH	83C-930	CEN	205
101	B	2	T TH	93C-1030	CEN	205
101	C	2	T TH	93C-1030	CEN	307
101	D	2	T TH	103C-1130	CEN	317
101	E	2	T TH	103C-1130	CEN	316
101	F	2	T TH	113C-1230	CEN	316
101	G	2	T TH	123C-130	CEN	217
101	H	2	T TH	130-230	BLM	314
101	I	2	T TH	130-230	BLM	411
101	U	2	M	70C-900 PM	CEN	205
210	A	5	M W F	83C-930 FRESHMN & SOPH PASCAL	CEN	205
	AA QZ		T TH	930-1030	BLM	416
	AB QZ		T TH	103C-1130	BLM	212
*	H AC QZ		T TH	103C-1130	*	*
	AC QZ		T TH	1130-1230	BLM	306
	AE QZ		T TH	123C-130	CEN	205
	AF QZ		T TH	13C-230	CEN	316

CLASSICS - CONTINUED

428	A	3	M W F	93C-1030 PASCAL	CEN	209
430	A	3	M W F	113C-1230 GRUMMEL	CEN	209
440	A	3	M W F	13C-230 GRUMMEL	*	*
GREEK						
103	A	5		D 130-230 REAC	CEN	306
203	A	3	M W F	13C-230 HARMON	CEN	213
209	A	2	T TH	13C-230 MAC KAY	CEN	213
309	A	1	W	123C-130 HARMON	CEN	217
415	A	3	M W	40C-515 MAC KAY	CEN	213
453	A	3	T TH	23C-345 MC CIARMID	CEN	213
490	A	3-6	*	*	*	*
*490	H B	3-6	*	*	*	*
499	A	*	*	*	*	*
520	A	3		TH F 70C-900 PM 23C-430 ALT WKS COMBELLACK	CEN CEN	210 213
599	A	*	M W	13C-230 EDMCN SON	*	*
600	A	3-6	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*
LATIN						
103	A	5		D 113C-1230 LALCNDE	CEN	307
103	B	5		D 113C-1230 ROONEY	CEN	205
203	A	3	M W F	930-1030	CEN	205
203	B	3	M W F	930-1030	CEN	317
203	C	3	M W F	1030-1130	CEN	205
203	D	3	M W F	1030-1130	CEN	317
203	E	3	M W F	113C-1230	CEN	317
203	F	3	M W F	123C-130	CEN	205
203	G	3	M W F	13C-230	*	*
208	A	2	T TH	930-1030	CEN	317
208	B	2	T TH	930-1030	CEN	316
208	C	2	T TH	1030-1130	CEN	307
208	D	2	T TH	1030-1130	BLM	306
208	E	2	T TH	113C-1230	CEN	317
208	F	2	T TH	123C-130	CEN	317
208	G	2	T TH	130-230	BLM	404
301	A	3	M W F	83C-930 VIGNOLI	*	*

LATIN - CONTINUED

307	A	3	M W F	103C-1130 VIGNOLI	*	*
309	A	1	M	123C-130 REAC	CEN	217
*401	A	3	M W F	13C-230 PASCAL	*	*
424	A	3	T TH	40C-515 VIGNOLI	CEN	213
* 459	A	3	M W	23C-345 HARMON	CEN	213
490	A	3-6	*	*	*	*
*490	H B	3-6	*	*	*	*
499	A	*	*	*	*	*
520	A	3	W	70C-900 PM GRUMMEL	CEN	210
599	A	*	M	23C-345 PASCAL	BLM	414
600	A	3-6	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

CLASSICAL ARCHAEOLOGY

342J	U	3				WITH ART 342J
406	A	3	M W F	113C-1230 EDMCN SON	*	*

NEAR EAST

* 422	A	3	M W F	13C-230 HEER	*	*
450	A	3	M W F	23C-330 MACKAY	*	*
530	A	3	W	33C-500 LORAIN	*	*
600	A	3-6	*	*	*	*
700	A	*	*	*	*	*

ARABIC

103	A	5		D 113C-1230 HEER	*	*
203	A	5		D 113C-1230 ZIACEH	*	*
403	A	5		D 103C-1130 HEER	*	*
49C	A	3-6	*	*	*	*
* 499	A	3-6	*	*	*	*
* 60C	A	3-6	*	*	*	*
* 700	A	*	*	*	*	*

HEBREW

* 103	A	5		D 93C-1030 WEXLER	CEN	306
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HEBREW - CONTINUED

• 203	A	5	D	83C-930 WEXLER	CEN	217
• 490	A	3-6	*	*	*	*
• 499	A	3-6	*	*	*	*

PERSIAN

• 103	A	5	D	93C-1030 LORRAINE	CEN	217
• 203	A	5	D	103C-1130 LORRAINE	‡	*
• 490	A	3-6	*	*	*	*
• 499	A	3-6	*	*	*	*

TURKISH

• 103	A	5	D	93C-1030 ANDREWS	*	*
• 490	A	3-6	*	*	*	*
• 499	A	3-6	*	*	*	*

COMMUNICATIONS

COMMUNICATIONS

• #150	A	5	D	93C-1030 NORRIS	CMU	226
• #200	A	5	MTWT	123C-130 RUGGELS	*	*
	AA	QZ	F	123C-130 S. WARD	*	*
	AB	QZ	F	13C-230 S. WARD	*	*
201	A	2	T TH	13C-230 HOLLANDER	CMU	226
202	A	2	T TH	83C-930 FOREIT	CMU	226
203	A	2	T TH	103C-1130 SCHNEIDER	CMU	226
• 220	A	3	M W F	13C-230 D. WARD	CMU	226
226	A	3	M W F	103C-1130 RIS	CMU	226
226	U	3	T TH	70C-825 PM ADAMS	*	*
250	A	3	M W F	83C-930 SHACEL	CMU	332
291	A	3	T TH	93C-1030 CONRAD	*	*
	AN	LB	*	*	*	*
316	U	3	W	70C-955 PM HIGREE	*	*
321	ZN	4	M W F	93C-1130 SMITH	CMU	230
321	ZO	4	M W F	130-330 ALMCUIST	CMU	230
322	ZN	4	M W F	103C-1230 D. WARD	*	*

COMMUNICATIONS - CONTINUED

322	ZO	4	M W F	123C-230 YERXA	*	*
323	ZN	4	T TH	123C-330 SCHNEIDER	*	*
324	ZN	4	M W F	93C-1130 YERXA	*	*
324	ZO	4	T TH	93C-1230 KINKEL	*	*
325	ZN	4	T TH	93C-1230 SMITH	CMU	243
#326	A	3	M W F	23C-330 BRIER	*	*
338	A	3	M W F	103C-1130 BRIER	*	*
338	U	3	T TH	70C-825 PM BRIER	*	*
341	ZN	2	T TH	103C-1230 RIS	CMU	232
341	ZU	2	T TH	73C-920 PM MILLER	CMU	304
#342	A	4	MTWT	13C-230 ADAMS	CMU	144
343	A	3	M W F	113C-1230 DENIS	CMU	104
345	A	5	M W F	23C-330 S. WARD	‡	*
345	B	5	M W F	23C-330 RIS	CMU	104
353	A	3	M W	93C-1030 KINKEL	CMU	304
356	ZN	2	*	* SHACEL	CMU	304
358	ZN	2	W	23C-430 SHACEL	CMU	344
#360	A	5	M W F	83C-930 ALDRIDGE	CMU	326
*	AN	LB	M W	23C-430 MAYC	CMU	326
*	AC	LB	T TH	23C-430 MAYC	CMU	326
*	AP	LB	TW	23C-430 MAYC	CMU	326
*	AQ	LB	TF	23C-430 MAYC	CMU	326
*	AR	LB	M F	23C-430 MAYC	CMU	326
#361	A	3	M W F	123C-230 ALDRIDGE	DTV	140
#365	ZN	2-4	*	* ALDRIDGE	*	*
37C	A	5	M W F	113C-1230 MAYC	CMU	326
	AN	LB	M W	23C-430 MAYC	CMU	326
	AO	LB	T TH	23C-430 MAYC	CMU	326
	AP	LB	TW	23C-430 MAYC	CMU	326
	AQ	LB	TF	23C-430 MAYC	CMU	326
	AR	LB	M F	23C-430 MAYC	CMU	326

COMMUNICATIONS - CONTINUED

371	ZN	3	T TH	13C-230 WIRTZ	CMU	304			
373	A	3	M W F	13C-230 CRANSTON	CMU	304			
• 374	A	3	M W F	23C-330 CRANSTON	CMU	332			
375J	A	3	M W F	93C-1030 BRIER	CMU	222			
377	A	3	M W F	93C-1030 CRANSTON	CMU	332			
411	A	5		D 93C-1030 EDELSTEIN	CMU	104			
443	A	2-5	M W F	113C-1230 NORRIS	*	*			
*497 H	A	3	M W F	33C-430 AMES	*	*			
*498	A	1-5	*	*	*	*			
• *501	A	5		D 13C-230 CARTER	*	*			
502	A	3	TH	123C-230 YERXA	*	*			
*511	A	3	T TH	13C-230 RUGGELS	*	*			
*511	B	3	M	33C-530 MATHIASON	*	*			
514	A	3	T	33C-530 AMES	*	*			
• 581	A	3	T TH	113C-1230 EDELSTEIN	*	*			
586	A	3	T	23C-530 MATHIASON	*	*			
• *597	A	1-5	*	*	*	*			
*598	A	1-5	*	*	*	*			
*600	A	3-5	*	*	*	*			
*700	A	*	*	*	*	*			

COMPARATIVE LITERATURE

302J	A	5		D 103C-1130 MC KINNON, ROBERTSON, SUH, SOLBERG	*	*			
• 415	A	5		D 113C-1230 ELLRICH	*	*			
480	A	5		D 13C-230 JONES	*	*			
• 514	A	3	W	13C-330 BEHLER	*	*			
530	A	3	TH	13C-330 HRUBY	*	*			
546	A	3	M	103C-1230 DIPPLE	*	*			
• 585	A	3	M	13C-330 LORAINE	*	*			
600	A	*	*	*	*	*			
700	A	*	*	*	*	*			
702	A	3	*	*	*	*			

COMPUTER SCIENCE - SEE PAGE 135

DANCE - SEE ALSO DANCE UNDER PE W

*253	A	3	TWT	13C-330 JONSON	AMY	201			
*253	B	3	M W F	13C-330 SKINNER	FUT	218			
*258	A	3	M W F	13C-330 BORIS	AMY	201			
• *280	A	1	T TH	93C-1030 JONSON	WLS	*			
*353	A	5	M W F T TH	113C-130 113C-130 BORIS, JONSON	AMY WLS	201 *			
• *490	A	1-3	T TH	33C-530 BORIS	AMY	201			
*490	B	1-3	F	33C-530 BORIS	AMY	201			

DRAMA

101	A	5	M W F	123C-130 NICPOLS	JFN	101			
AA	QZ		T TH	103C-1130	CTV	101			
AB	QZ		T TH	103C-1130	CTV	105			
AC	QZ		T TH	113C-1230	CTV	101			
AD	QZ		T TH	113C-1230	CTV	105			
AE	QZ		T TH	123C-130	CTV	021			
AF	QZ		T TH	123C-130	CTV	105			
AG	QZ		T TH	23C-330	CTV	101			
AH	QZ		T TH	23C-330	CTV	105			
• *123	A	2		D 103C-1130 SELCTD PARTICPNTS ZASLOVE	PTH	*			
• *143	A	3		D 113C-1230 SELCTD PARTICPNTS ROSS	PLH	*			
146	A	3		D 123C-130 FARNELL	CTV	011			
146	U	3	M WT	70C-830 PM FARNELL	CTV	041			
151	U	3	M WT	70C-830 PM WOLCOTT	CTV	045			
152	A	3		D 83C-930 DRAMA MAJORS GNLY GRAY	PLH	*			
152	B	3		D 93C-1030 SEIFERT	CTV	041			
152	C	3		D 123C-130 SEIFERT	PLH	*			
• *157	A	5		D 13C-430 SELCTD PARTICPNTS HAMMER	WLS	*			
• *183	A	2	*	* SELCTD PARTICPNTS ROSS	WLS	*			
210	A	2/4	T TH	83C-930 LOUNSBURY	CTV	056			
	AN	LB		M 83C-930 83C-1030	CCH CCH	* *			
	AD	LB		M 93C-1030 83C-1030	CCH CCH	* *			
210	U	2/4	M W	70C-800 PM	CTV	056			

DRAMA - CONTINUED

	UN LB		M	80C-900 PM 80C-1000 PM ACKLEY	CCH CCH	*			
211	A	2/4	T TH	83C-930 CRICER	CTV	021			
	AN LB		M	83C-930 83C-1030	CTV CTV	061 061			
	AC LB		M	93C-1030 83C-1030	CTV CTV	061 061			
212	A	2/4	M W	83C-930 MONTGOMERY	CTV	056			
	AN LB		T	83C-930 83C-1030	CTV CCH	060 *			
247	U	2	M W F	70C-800 PM	CTV	011			
*248	A	2	D	93C-1030 DRAMA MAJORS ONLY FARNELL	CTV	045			
*248	B	2	D	103C-1130 DRAMA MAJORS ONLY GRAY	CTV	011			
248	C	2	M W F	103C-1130 GALSTAUN	CTV	041			
*248	D	2	D	113C-1230 DRAMA MAJORS ONLY VALENTINETTI	CTV	045			
248	E	2	M W F	123C-130 GALSTAUN	CTV	041			
*248	F	2	D	13C-230 DRAMA MAJORS ONLY CARR	CTV	045			
*253	A	3	D	83C-930 DRAMA MAJORS ONLY LOPER	CTV	045			
*253	B	3	D	93C-1030 DRAMA MAJORS ONLY GRAY	CTV	011			
*253	C	3	D	93C-1030 HAMMER	PLH	*			
*253	D	3	D	103C-1130 DRAMA MAJORS ONLY VALENTINETTI	CTV	045			
*253	E	3	D	123C-130 DRAMA MAJORS ONLY CARR	CTV	045			
*272	A	2	*	* SELCTD PARTICPNTS	*	*			
*298	A	1	*	* GRAY	*	*			
310	A	2	T TH	93C-1130 DAVIS	CTV	060			
316	A	2	T TH	123C-230 BACFMAN	PTH	*			
324	U	3	T	70C-1000PM WCOBY	CTV	021			
325	A	5	M W F	123C-130 DAVIS	CTV	101			
	AN LB		T TH	123C-230	CTV	101			
331	A	3	M W	13C-330 VALENTINETTI	CTV	051			
331	B	3	T TH	13C-330 VALENTINETTI	CTV	051			
338	A	3	M W F	83C-930 HAAGA	CTV	041			
	AN LB		M	40C-500	PTH	*			
	AC LB		T	40C-500	PTH	*			

DRAMA - CONTINUED

338	B	3	M W F	83C-930 SIKS	CTV	011			
	BN LB		W	40C-500	CTV	011			
	BC LB		TH	40C-500	CTV	011			
338	C	3	M W F	13C-230 HAAGA	CTV	011			
	CN LB						WITH 338AN		
	CC LB						WITH 338AC		
415	A	2	M W F	103C-1130 REVZAN	CTV	060			
419	A	2	T TH	93C-1130 MONTGOMERY CONWAY	CTV	056			
431	A	2	*	* VALENTINETTI	CTV	051			
*432	A	2	*	* VALENTINETTI	CTV	051			
*435L	ZN	1	*	* CARR	CTV	021			
438	A	2	M W F	113C-1230 SIKS	CTV	011			
*438L	ZN	1	*	* SIKS	CTV	102			
*453	A	2	M W	23C-430 GALSTAUN	CTV	041			
*453	B	2	T TH	103C-1230 LOPER	CTV	041			
455	A	2	T TH	13C-330 CRICER	CTV	041			
461	A	2	T TH	23C-330 BLACK	CTV	045			
461L	ZN	1	T TH	33C-430 BLACK	CTV	045			
462	A	3	M W F	23C-330 CARR	CTV	011			
463	A	2	*	* BLACK	*	*			
474	A	3	M W F	93C-1030 GALSTAUN	CTV	021			
476	A	5	M F	23C-430 23C-330 WOLCOTT	CTV CTV	045 045			
*475	A	3	M W F	113C-1230 CONWAY	CTV	021			
*490A	AA	1-5	*	*	*	*			
*490B	BA	1-5	*	*	*	*			
*490C	CA	1-5	*	*	*	*			
*498	A	1	*	* GRAY	*	*			
*499	A	1-5	*	*	*	*			
*513	A	3	*	* CRICER, MONTGOMERY	CTV	061			
515	A	3	M W	23C-330 CRICER	CTV	060			
*520	A	1-5	*	* CRICER	*	*			
*562	A	3	*	* STAFF	*	*			
577	A	3	M W F	93C-1030 CONWAY	CTV	033			

DRAMA - CONTINUED

*583	A	3	W	23C-530 JCSEPH	CTV	021
*599	A	1-5	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*

ECONOMICS

200	A	5	M W F	93C-1030 BUECHEL	*	*
	AA QZ		T TH	73C-830	MUS	216
	AB QZ		T TH	83C-930	*	*
	AC QZ		T TH	83C-930	MUS	223
	AD QZ		T TH	83C-930	*	*
	AE QZ		T TH	83C-930	*	*
	AF QZ		T TH	93C-1030	*	*
	AG QZ		T TH	93C-1030	*	*
	AH QZ		T TH	93C-1030	*	*
	AI QZ		T TH	103C-1130	*	*
	AJ QZ		T TH	103C-1130	*	*
	AK QZ		T TH	113C-1230	GTH	311
	AL QZ		T TH	113C-1230	MUS	313
200	C	5	M W F	23C-330 GINSBERG	*	*
	CA QZ		T TH	73C-830	MUS	219
	CB QZ		T TH	83C-930	*	*
	CC QZ		T TH	93C-1030	*	*
	CD QZ		T TH	93C-1030	SAV	137
	CE QZ		T TH	123C-130	GTH	311
	CF QZ		T TH	123C-130	GTH	315
	CG QZ		T TH	13C-230	GTH	311
	CH QZ		T TH	13C-230	SAV	137
	CI QZ		T TH	13C-230	MUS	223
	CJ QZ		T TH	23C-330	SPI	309
	CK QZ		T TH	23C-330	GTH	311
	CL QZ		T TH	33C-430	SAV	132
200	U	5	M W	70C-910 PM	GTH	309
200	V	5	T TH	70C-910 PM	GTH	306
201	A	5	D	73C-830	GTH	306
201	B	5	D	83C-930	GTH	315
201	C	5	D	83C-930	GTH	306
201	D	5	D	83C-930	SAV	335
201	E	5	D	93C-1030	SAV	335
201	F	5	D	93C-1030	SAV	241
201	G	5	D	103C-1130	PAR	401
*201	H	5	D	103C-1130 SILBERBERG	*	*
201	I	5	D	113C-1230	SAV	241
201	J	5	D	113C-1230	SAV	137
201	K	5	D	123C-130	SAV	131
201	U	5	M W	70C-910 PM	GTH	311

ECONOMICS - CONTINUED

211	A	3	M W F	103C-1130 HUBER	SAV	137
260	A	5	M W F	93C-1030 THOMAS	*	*
	AA QZ		T TH	93C-1030	*	*
	AB QZ		T TH	13C-230	SAV	335
281	A	5	D	103C-1130 LANCASTER	SAV	239
300	A	5	D	83C-930 MC GEE	GTH	313
301	U	5	T TH	70C-920 PM OBST	GTH	308
330	A	5	D	103C-1130 MUNC	*	*
34C	A	5	D	113C-1230 THOMPSON	SAV	146
340	B	5	D	103C-1130 GILLINGHAM	GTH	311
346	A	3	M W F	103C-1130 MC CAFFREE	*	*
350	A	5	D	113C-1230 EYSENBACH	GTH	315
370	A	5	D	93C-1030 HUBER	GTH	311
391	A	5	D	93C-1030 EYSENBACH	SAV	237
412	A	3	M W F	113C-1230 OBST	GTH	311
446	A	2	TH	13C-330 HOPKINS	*	*
463	A	5	D	103C-1130 HIGGS	GTH	315
482	A	5	D	113C-1230 MILLER	*	*
493J	A	5	D	103C-1130 MAH	GTH	300
* 498 H	A	5	D	113C-1230 WALSH	*	*
*499	A	1-6	*	* BUECHEL	*	*
501	A	3	M W	93C-1100 BARZEL	SAV	260
503	A	3	M W	13C-300 HYNES	*	*
507	A	3	M W	13C-300 SHAPIRO	SAV	132
516	A	3	T TH	90C-1030 BISH	GTH	300
535	A	3	T TH	13C-300 CRUTCHFIELD	GTH	300
551	A	3	T TH	33C-500 BORCHERDING	SAV	137
553	A	3	T TH	103C-1200 MC CAFFREE	*	*
562	A	3	M W	13C-300 NORTH-THOMAS	GTH	300
572	A	3	M W F	93C-1030 FLOYD	MUS	219
595J	A	3	T TH	33C-500 THORNTON	GTH	300
*600	A	*	M W	33C-500 WALSH	GTH	300
*700	A	*	*	*	*	*
*702	A	3	*	*	*	*

* New course or course number. See course changes pages 7-50.

ENGLISH

101	AA	3	M W F	83C-930	*	†
101	AB	3	M W F	103C-1130	*	*
101	AC	3	M W F	123C-130	*	*
101	AD	3	M W F	13C-230	*	*
101	AE	3	M W F	103C-1130	*	*
101	UA	3	T TH	70C-830 PM	TFO	235
102	AA	3	M W F	73C-830	TFO	235
102	AB	3	M W F	73C-830	TFO	331
102	AC	3	M W F	83C-930	*	*
102	AD	3	M W F	83C-930	*	*
102	AE	3	M W F	83C-930	*	*
102	AF	3	M W F	83C-930	SPI	309
102	AG	3	M W F	83C-930	*	*
102	AH	3	M W F	93C-1030	*	*
102	AI	3	M W F	93C-1030	*	*
102	AJ	3	M W F	93C-1030	*	*
102	AK	3	M W F	93C-1030	*	*
102	AL	3	M W F	103C-1130	*	*
102	AM	3	M W F	103C-1130	*	*
102	BA	3	M W F	103C-1130	*	*
102	BB	3	M W F	103C-1130	*	*
102	BC	3	M W F	113C-1230	*	*
102	BD	3	M W F	113C-1230	*	*
102	BE	3	M W F	113C-1230	*	*
102	BF	3	M W F	113C-1230	*	*
102	BG	3	M W F	123C-130	*	*
102	BH	3	M W F	123C-130	GTH	315
102	BI	3	M W F	13C-230	TFO	235
102	BJ	3	M W F	13C-230	*	*
102	BK	3	M W F	13C-230	*	*
102	BL	3	M W F	13C-230	*	*
102	BM	3	M W F	23C-330	*	*
102	CA	3	M W F	23C-330	*	*
102	CB	3	M W F	23C-330	*	*
102	CC	3	M W F	23C-330	*	*
102	CD	3	M W F	23C-330	*	*
102	CE	3	M W F	33C-430	SPI	405
102	UA	3	T TH	70C-830 PM	TFO	311
103	AA	3	M W F	73C-830	TFO	311
103	AB	3	M W F	73C-830	TFO	231
103	AC	3	M W F	83C-930	*	*
103	AD	3	M W F	83C-930	*	*
103	AE	3	M W F	83C-930	*	*
103	AF	3	M W F	83C-930	MLR	104
103	AG	3	M W F	93C-1030	*	*
103	AH	3	M W F	93C-1030	*	*
103	AI	3	M W F	93C-1030	*	*
103	AJ	3	M W F	93C-1030	*	*
103	AK	3	M W F	93C-1030	*	*

ENGLISH - CONTINUED

103	AL	3	M W F	103C-1130	*	*
103	AM	3	M W F	103C-1130	*	*
103	BA	3	M W F	103C-1130	*	*
103	BB	3	M W F	103C-1130	*	*
103	BC	3	M W F	103C-1130	*	*
103	BD	3	M W F	113C-1230	*	*
103	BE	3	M W F	113C-1230	*	*
103	BF	3	M W F	113C-1230	*	*
103	BG	3	M W F	123C-130	MLR	104
103	BH	3	M W F	123C-130	SPI	402
103	BI	3	M W F	13C-230	*	*
103	BJ	3	M W F	13C-230	*	*
103	BK	3	M W F	13C-230	*	*
103	BL	3	M W F	13C-230	*	*
103	BM	3	M W F	13C-230	*	*
103	CA	3	M W F	23C-330	*	*
103	CB	3	M W F	23C-330	*	*
103	CC	3	M W F	23C-330	SAV	137
103	CD	3	M W F	33C-430	TFO	231
103	CE	3	M W F	83C-930	SPI	402
103	CF	3	M W F	83C-930	*	*
103	CG	3	M W F	93C-1030	*	*
103	CH	3	M W F	93C-1030	*	*
103	CI	3	M W F	103C-1130	*	*
103	CJ	3	M W F	103C-1130	*	*
103	CK	3	M W F	113C-1230	*	*
103	CL	3	M W F	113C-1230	*	*
103	CM	3	M W F	123C-130	GTH	311
103	DA	3	M W F	123C-130	*	*
103	DB	3	M W F	13C-230	*	*
103	DC	3	M W F	13C-230	*	*
103	DD	3	M W F	23C-330	SAV	335
103	DE	3	M W F	23C-330	*	*
103	UA	3	T TH	70C-830 PM	TFO	331
FOR FOREIGN STUDENT ENGLISH, SEE COURSES 151 & 303						
151	A	5	D	123C-130	*	*
257	A	5	D	83C-930	TFO	317
257	B	5	D	103C-1130 ZILLMAN	CMU	332
257	C	5	D	13C-230	SPI	305
257	D	5	D	23C-330	TFO	325
257	U	5	T TH	70C-920 PM DUNLOP	CMU	326
258	A	5	D	83C-930	TFO	125
258	B	5	D	113C-1230 WAGNER	TFO	211
258	C	5	D	123C-130	CMU	332
258	D	5	D	13C-230	TFO	325

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

ENGLISH - CONTINUED

258	U	5	M W	70C-920 PM LCCMWOOD	CMU	326
259	A	5	D	93C-1030	SPI	305
259	B	5	D	13C-230	TFO	335
259	U	5	T TH	70C-920 PM MAYS	TFO	134
264	A	5	D	93C-1030	TFO	325
264	B	5	D	103C-1130	TFC	135
264	C	5	D	113C-1230	TFO	202
264	D	5	D	13C-230	CMU	326
264	E	5	D	23C-330	TFO	119
265	A	5	D	93C-1030	TFO	317
265	B	5	D	113C-1230	TFO	135
265	C	5	D	13C-230 AVERY	TFO	317
265	D	5	D	23C-330	TFO	317
266	A	5	D	83C-930	TFO	325
266	U	5	M W	70C-920 PM WILLIS	TFO	119
267	A	5	D	83C-930	SPI	305
267	B	5	D	113C-1230	TFO	317
267	C	5	D	123C-130 SIMONSON	TFO	202
*267	H D	5	D	13C-230	CMU	222
267	E	5	D	23C-330	TFO	134
271	A	3	M W F	83C-930	*	*
271	B	3	M W F	93C-1030	*	*
271	C	3	M W F	103C-1130	*	*
271	D	3	M W F	113C-1230	*	*
271	E	3	M W F	123C-130	*	*
271	F	3	M W F	13C-230	*	*
271	G	3	M W F	23C-330	*	*
272	A	3	M W F	123C-130	*	*
272	B	3	M W F	23C-330	*	*
274	U	5	T TH	70C-920 PM BENTLEY	PAR	224
275	U	5		WITH 274		
276	A	5	D	113C-1230 L. ADAMS	*	*
276	U	5		WITH 274		
277	A	3	M W F	103C-1130	*	*
277	B	3	M W F	13C-230	*	*
277	U	3	T TH	70C-825 PM LEAFY	*	*
278	A	3	M W F	103C-1130	*	*
278	U	3		WITH 277 U		
303	A	3	M W F	123C-130	*	*
303	B	3	M W F	123C-130	SAV	335
322	A	5	D	93C-1030 R. ADAMS	SPI	311
324	A	5	D	83C-930	TFO	335
324	B	5	D	93C-1030	TFO	134
324	C	5	D	103C-1130	TFO	134
324	D	5	D	13C-230	TFO	135

ENGLISH - CONTINUED

324	E	5	D	23C-330	TFO	135
324	U	5	M W	70C-920 PM DIPPLE	TFC	134
326	A	5	D	93C-1030 STIRLING	SPI	407
326	B	5	D	113C-1230 A. STEIN	TFO	325
326	C	5	D	23C-330	SPI	402
332	A	5	D	93C-1030	SPI	313
336	A	5	D	113C-1230 AVERY	SPI	307
337	A	5	D	103C-1130	TFO	325
341	A	5	D	13C-230	SPI	309
342	A	5	D	103C-1130	SPI	407
344	A	5	D	13C-230 BRGWN	SPI	311
348	A	5	D	103C-1130	SAV	329
361	A	5	D	103C-1130	SPI	313
362	A	5	D	83C-930	TFO	135
362	B	5	D	93C-1030 HILEN	CMU	326
363	A	5	D	103C-1130 HILEN	SPI	305
363	B	5	D	23C-330	SPI	305
363	U	5	T TH	70C-920 PM STANTON	TFO	135
387	A	5	D	93C-1030 EMERY	TFO	135
387	B	5	D	103C-1130	TFC	317
390	A	5	D	113C-1230	SPI	202
411	A	5	D	93C-1030 HEILMAN	PLR	310
415	A	5	D	23C-330 L. ADAMS	GTH	315
417	A	5	D	103C-1130	*	*
418	A	5	D	103C-1130	CBS	103
419	A	5	D	103C-1130	GUG	411
425	A	5	D	93C-1030	SPI	402
430	A	5	D	93C-1030	CBS	103
434	A	5	D	113C-1230	SPI	407
434	B	5	D	23C-330	TFO	335
435	A	5	D	113C-1230	SPI	311
435	B	5	D	13C-230	TFO	211
435	C	5	D	23C-330	TFO	211
435	U	5	T TH	70C-920 PM KARTIGANER	TFO	211
437	A	5	D	103C-1130	*	*
437	U	5	T TH	70C-920 PM SULLIVAN	TFO	202
447	A	5	D	123C-130	SPI	309
451	A	5	M W F	13C-230 HARRIS	*	*
453	U	5		WITH 274		
454	U	5		WITH 274		
455	A	5		WITH 276 A		
455	U	5		WITH 274		

ENGLISH - CONTINUED

457	A	5	M W F	123C-130	+	*
457	U	5	T TH	53C-750 PM DAVIDSON	+	*
458	A	5		WITH 457 A		
458	U	5		WITH 457 U		
*490	A	3	*	*	*	*
*491	A	3	*	*	*	*
*492	H A	5	*	*	*	*
				BOSTETTER		
*493	A	3-5	*	*	*	*
*494	A	3-5	*	*	*	*
*499	H A	5	D	130-230 KARTIGANER	CMU	330
508	A	5	D	123C-130 H. BURNS	SAV	241
509	A	5	D	23C-330 ALEXANDER	SAV	131
513	A	5	T TH	103C-1230 R. ADAMS	CMU	351
516	A	5	M W	103C-1230	CMU	351
518	A	5	M W	13C-330 MATCHETT	CMU	351
522	A	5	M W	33C-530 LA GUARDIA	CMU	351
526	A	5	T TH	33C-530 SHULMAN	CMU	351
530	A	5	D	93C-1030	*	+
*535	A	5	T TH	33C-530 EMERY	TFO	202
540	A	5	T TH	13C-330 BOSTETTER	TFO	118
543	A	5	T TH	33C-530 GERSTENBERGER	CMU	330
546	A	5	T TH	13C-330 REIAERT	CMU	351
548	A	5	M W	13C-330 HALL	TFO	118
548	B	5	T TH	103C-1230 WEBE	CMU	330
565	A	5	D	93C-1030 1ST YR GRD STONTS M. GRIFFITH	+	*
566	A	5	D	123C-130 1ST YR GRD STONTS KARTIGANER	SPI	307
*586	A	5	*	*	*	*
599	A	5	M W	103C-1230 WILLEFORD	CMU	330
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
*702	A	3	*	*	*	*

FAR EASTERN & RUSSIAN INSTITUTE

FAR EASTERN

* 210	A	5	MTH F	113C-1230 FRIEDLAND	TFO	125
	AA QZ		TH	93C-1030	PLR	104
	AB QZ		TH	93C-1030	JFN	009

FAR EASTERN - CONTINUED

	AC QZ		TH	103C-1130	TFO	331
	AC QZ		TH	113C-1230	TFO	335
	AE QZ		TH	113C-1230	PLR	104
	AF QZ		TH	123C-130	TFO	235
	AG QZ		TH	13C-230	JHN	009
	AP QZ		TH	13C-230	TFO	235
* 210	B	5	M WTF	13C-230 TAYLOR	+	+
	BA QZ		T	930-1030	TFO	335
	BB QZ		T	930-1030	JFN	009
	BC QZ		T	103C-1130	+	+
	BC QZ		T	103C-1130	JFN	009
	BE QZ		T	103C-1130	TFO	331
	BF QZ		T	113C-1230	JFN	009
	BG QZ		T	1230-130	TFO	235
+	H BH QZ		T	13C-230	TFO	235
	BI QZ		T	13C-230	+	+
	BJ QZ		T	13C-230	JFN	009
	BK QZ		T	23C-330	JFN	009
	BL QZ		T	23C-330	TFO	235
240	A	5	D	103C-1130 SHIP	TFO	335
243	A	5	D	13C-230 SPECTOR	+	+
302J	A	5		WITH C LIT 302J		
329	A	5	D	113C-1230 SPECTOR	TFO	119
329	U	5	T TH	70C-910 PM SPECTOR	TFO	119
333J	U	5	M W	70C-930 PM PRYCE	TFO	202
* 402	A	5	T TH	13C-330 LEGTERS	TFO	311
405J	A	5	M W F	83C-930 VELIKONJA	+	+
414J	A	5	D	13C-230 WILHELM	TFO	125
*423J	A	5	MT TF	83C-930 TREADGOLD	TFO	119
	AA QZ		W	83C-930	TFO	235
	AB QZ		W	93C-1030	TFO	311
	AC QZ		W	103C-1130	TFO	311
	AC QZ		W	123C-130	TFO	235
435J	A	5	D	103C-1130 CHAG	+	+
437J	A	3/5	D	113C-1230 KAKIUCHI	TFO	235
* 438J	A	3/5	M W F	93C-1030 JACKSON	+	+
439	A	5	T TH	13C-330 HELLMANN	TFO	202
446	A	3	TH	33C-530 QUYEN	+	+

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

FAR EASTERN - CONTINUED

449J	A	5	D	103C-1130 MULLER	*	+
454J	A	5	D	13C-230 PYLE	TFO	119
*463	A	5	M W F	103C-1130 HURVITZ	TFO	331
467J	A	5	D	13C-230 FRIEDLAND	TFO	134
468J	A	5	D	123C-130 GASSTER	TFO	119
*470	A	5	D	113C-1230 PALAIS	*	*
*476J	A	4	MTWT	93C-1030 TREADGOLD	*	*
484J	A	5	D	83C-930 CONLON	TFO	202
493J	A	5		WITH ECON 493J		
*499	A	3-5	*	*	*	*
505J	A	3	M W	130-330 CHANG	*	*
507J	A	3	M W	33C-530 JACKSON	*	*
*520J	A	3	W	13C-330 RESHETAR	TFO	311
*523	A	3	W	13C-330 GASSTER, WILHELM	*	+
*533J	A	3	W	33C-530 TOWNSEND	JFN	009
*537J	A	3-6	W	13C-330 TREADGOLD	*	*
*549J	A	3-6	T	33C-530 BUTCW	JFN	009
*552J	A	3-6	TH	33C-530 BUTCW	JFN	009
*562J	A	3-6	TH	33C-530 SUGAR	+	+
*565	A	3-6	*	* PYLE	*	*
*566	A	3-6	TH	33C-530 PALAIS	*	*
*578J	A	3	T TH	103C-1130 93C-1130 COOKE	*	*
595J	A	3		WITH ECON 595J		
*598	A	5	TH	33C-530 HURVITZ, LI WYLIE	TFO	203
*599	A	5	TH	23C-430 DULL, GASSTER, MAH, SHIH TOWNSEND, WILHELM, TAYLOR	TFO	217
*600	A	*	*	*	*	*
*613J	A	3-6	T	13C-330 GASSTER	*	*
*700	A	*	*	*	*	*

FAR EAST & SLAVIC LANGUAGES & LIT

CHINESE

CHINESE - CONTINUED

*300	A	5	D	83C-930 CHENG	*	+
301	A	10	D	83C-930 LI	TFO	134
	AN LB		D	93C-1030	+	+
	AQ LB		D	93C-1030	TFO	231
	AP LB		D	93C-1030	TFO	331
304	A	5	D	93C-1030 CHONG	*	+
304	B	5	D	93C-1030 WONG	*	*
*311	A	5	D	13C-230 HUDDLESTON	*	+
315	A	1-3	D	113C-1230	*	+
407	A	5	M W F	23C-400 SERRUYS	TFO	235
453	A	3	T TH	23C-400 CHONG	*	+
457	A	5	D	103C-1130 WILHELM	*	+
463	A	5	D	103C-1130 HUANG	*	+
*499	A	3-5	*	*	*	*
524	A	5	*	* HUDDLESTON	+	+
*543	A	3	T TH	103C-1230 SERRUYS	*	+
550	A	4	MTWT	113C-1230 SHIH	TFO	234
555	A	3	*	* LI	*	+
563	A	5	T TH	13C-330 CHENG	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
CZECH						
411	A	5	D	23C-330 KOVTON	TFO	331
HINDI URDU						
*103	A	5	D	83C-930 DIXIT	*	*
*203	A	5	D	93C-1030 DIXIT	*	*
JAPANESE						
103	A	5	W	93C-1030 NIWA, MATSUDA, *	TFO	119
	AN LB		MT TF	83C-930	TFO	311
	AQ LB		MT TF	83C-930	*	*
	AP LB		MT TF	93C-1030	*	+
	AQ LB		MT TF	93C-1030	TFO	311
	AR LB		MT TF	103C-1130	TFO	311

JAPANESE - CONTINUED

RUSSIAN

203	A	5	D	113C-1230 NIWA, *	TFO	311
203	B	5	D	113C-1230 NIWA, *	TFO	231
303	A	5	D	103C-1130 NIWA	*	*
*313	A	15	D	83C-1130 13C-330 NIWA, MATSUDA, *	*	*
403	A	5	D	103C-1130 HIRAGA	*	*
421	A	5	M W F	93C-1030 TAKAYA	TFO	235
*460	A	3-5	M W	13C-330 TAKAYA	*	*
*499	A	3-5	*	*	*	*
*524	A	5	M W F	123C-200 HIRAGA	*	*
*550	A	3-5	T TH	23C-430 MC KINNON	*	*
*563	A	5	M W F	93C-1030 HURVITZ	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*

KOREAN

213	A	5	D	43C-530 LUKCF, STAFF	TFO	331
313	A	5	D	33C-430 LUKCF, STAFF	*	*
320	A	5	M W F	13C-230 SUH	*	*
413	A	5	D	123C-130 LUKCF, STAFF	*	*
*467	A	5	D	93C-1030 SUH	TFO	417
*499	A	3-5	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*

MONGOLIAN

304	A	5	D	123C-130 OKACA, YIDEMJAB	*	*
305	A	5	D	13C-230 OKACA	*	*
320	A	5	M W F	113C-1230 OKACA	*	*
404	A	5	D	113C-1230 YIDEMJAB	*	*
*499	A	3-5	*	*	*	*
*600	A	*	*	*	*	*

POLISH

411	A	5	D	113C-1230 MIKLLSKI	*	*
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200	A	5	M	123C-130 DIXCN	TFO	134
	AN	LB		TWTF	83C-930	TFO 331
	AQ	LB		TWTF	93C-1030	* *
	AP	LB		TWTF	103C-1130	TFO 231
	AQ	LB		TWTF	113C-1230	TFO 331
	AR	LB		TWTF	123C-130	* *
* 200	AS	LB		TWTF	123C-130 DIXCN	TFO 231
	AT	LB		TWTF	13C-230	* *
	AU	LB		TWTF	23C-330	TFO 231
200	U	5	M	70C-900 PM 70C-800 PM	TFO	331
				TWTH		231
300	A	5	D	113C-1230 TRACY	*	*
305	A	5	M	123C-130 TRACY	TFO	135
	AN	LB		TWTF	93C-1030	* *
	AC	LB		TWTF	113C-1230	* *
	AP	LB		TWTF	123C-130	* *
	AR	LB		TWTF	123C-130	* *
	AS	LB		TWTF	13C-230	TFO 331
*305	H	B	5	M	123C-130	TFO 231
305	H	BN	5	TWTF	123C-130	TFO 331
305	U	5	M	70C-900 PM 70C-800 PM	TFO	231
				TWT		*
310	A	10	T TH	93C-1030 COATS	TFO	202
	AN	LB		D	83C-930 93C-1030	TFO 231
				M W F		*
	AC	LB		D	13C-230 23C-330	TFO 231
				M W F		*
*310	B	10	D	93C-1130 HANEY	*	*
313	A	5	M	123C-130 HOLCSWORTH	TFO	125
	AN	LB		TWTF	123C-130 HOLCSWORTH	* *
	AQ	LB		TWTF	123C-130	* *
	AP	LB		TWTF	13C-230 HOLCSWORTH	* *
	AQ	LB		TWTF	13C-230	* *
315	A	2-3	*	* SAGEN	*	*
413	A	5	D	93C-1030 GRIBANOVSKY	*	*
413	B	5	D	113C-1230 GRIBANOVSKY	*	*
413	C	5	D	13C-230 VINCOV	*	*
421	A	5	D	93C-1030 SWAYZE	TFO	211
* 428	A	4	MTWTH	113C-1230 SWAYZE	TFO	134
453	A	3	M W F	103C-1130 COATS	*	*

RUSSIAN - CONTINUED

• 463	A	3	M W F	123C-130 HAGGLUND	†	*
468	A	3	M W F	13C-230 HAGGLUND	†	*
#499	A	3-5	*	*	*	*
• 556	A	3	M W F	103C-1130 MICKLESEN	†	†
566	A	4	T TH	33C-530 KONICK	T+O	231
590	A	4	W	33C-530 KONICK	†	†
#600	A	*	*	*	*	*
#700	A	*	*	*	*	*

SANSKRIT

303	A	3	M W	13C-300 GERCW	*	*
403	A	3	*	* GERCW	*	*
555	A	3	*	* GERCW	*	*

SERBO-CROATIAN

411	A	5	D	113C-1230 RUDICINA	†	†
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SLAVIC

• 323	A	3	M W F	13C-230 KOVITUN	†	†
• 422	A	3	M W F	93C-1030 RUDICINA	†	†
556	A	3	M W F	83C-930 MICKLESEN	†	†

THAI

303	A	5	D	123C-130 COOKE	*	*
403	A	5	D	13C-230 COOKE	†	†

TAMIL

• 303	A	5	D	103C-1130 SCHIFFMAN	†	†
• 403	A	5	M W F	13C-230 SCHIFFMAN	†	*

TIBETAN

403	A	5	D	123C-130 NORNANG	*	*
406	A	3	M W F	113C-1230 WYLIE	†	†
414	A	3	M W F	13C-230 WYLIE	†	*

TIBETAN - CONTINUED

423	A	5	D	103C-1130 NORNANG	*	†
#499	A	3-5	*	* NORNANG, WYLIE	*	*
#500	A	3	*	* WYLIE	†	†
#504	A	5	*	* WYLIE	†	†
534	A	2	*	* NORNANG, WYLIE	†	†
544	A	2	*	* WYLIE	†	†
#600	A	*	*	* LABRANG, NORNANG WYLIE	*	*

TURKIC

• 303	A	3	*	* CIRTAUTAS	*	*
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VIETNAMESE

403	A	5	D	113C-1230 QUYEN	†	†
#600	A	*	*	* QUYEN	*	*

GENERAL EDUCATION

HUMANITIES

101	A	5	D	83C-930	SPI	202
101	B	5	D	103C-1130	CMU	326
101	C	5	D	113C-1230	CMU	332
101	D	5	D	123C-130	CMU	326
101	E	5	D	13C-230	CMU	332
102	A	5	T TH	33C-530 BRAVMAN&KAUFFMAN	†	*
201	A	5	D	23C-330 BROWN	SPI	102

SOCIAL SCIENCE

103	A	5	M W F	93C-1030 ULLMAN	†	*	
	AA	QZ	T TH	83C-930	†	†	
	AB	QZ	T TH	83C-930	†	†	
	AC	QZ	T TH	83C-930	†	†	
*	H	AC	QZ	T	83C-1030 SUGAR	†	†
*	F	AE	QZ	TH	83C-1030	†	†
	AF	QZ	T TH	93C-1030	†	†	
	AG	QZ	T TH	93C-1030	†	†	
	AH	QZ	T TH	93C-1030	†	†	
	AI	QZ	T TH	93C-1030	†	†	
	AJ	QZ	T TH	93C-1030	†	†	
	AK	QZ	T TH	103C-1130	†	†	
	AL	QZ	T TH	103C-1130	†	†	

* New course or course number. See course changes pages 7-50.

SOCIAL SCIENCE - CONTINUED

AM QZ	T TH	103C-1130	*	*
BA QZ	T TH	113C-1230	*	*
BB QZ	T TH	113C-1230	*	*
BC QZ	T TH	123C-130	*	*
BC QZ	T TH	123C-130	*	*
BE QZ	T TH	13C-230	*	*
BF QZ	T TH	13C-230	*	*
BG QZ	T TH	23C-330	SPI	409

GENERAL STUDIES

#301 H A	2 M	13C-330 R. BURKE	*	*
#391 A	* *	*	*	*
456 A	3 M W	23C-430 23C-330	JFN 009 JFN 009	
#493 A	1-5 *	*	*	*

GENETICS

451 A	3 M W F	13C-230 STACLER	FSB 8207	
AA QZ	M	23C-330 STACLER	FSB J280	
AB QZ	M	33C-430 STACLER	FSB J280	
AC QZ	T	23C-330 STACLER	FSB J280	
451L ZN	2 T TH	93C-1130 STACLER	FSB F316	
451L ZO	2 T TH	93C-1130 STACLER	FSB F320	
#499 A	* *	*	*	*
#501 A	3 *	*	*	*
#520 A	1 TH	113C-1230	FSB J280	
#553 A	3 M W F	93C-1030 GALLANT	FSB J280	
#554 A	2 *	*	*	*
#556 A	2 T TH	93C-1030 DOERMANN	FSB J279	
#562 A	3 M W F	103C-1130 FELSENSTEIN	FSB J280	
600 A	* *	*	*	*
700 A	* *	*	*	*

GEOGRAPHY

100 A	5 M W F	93C-1030 KAKIUCHI	*	*
AA QZ	T TH	73C-830	SPI	409
AB QZ	T TH	73C-830	TFO	231
AC QZ	T TH	83C-930	SPI	405
AC QZ	T TH	83C-930	SPI	409
AE QZ	T TH	93C-1030	*	*
AF QZ	T TH	93C-1030	*	*
AG QZ	T TH	103C-1130	SPI	405
AH QZ	T TH	103C-1130	*	*

GEOGRAPHY - CONTINUED

AI QZ	T TH	113C-1230	SPI	405
AJ QZ	T TH	123C-130	SPI	405
AK QZ	T TH	123C-130	*	*
AL QZ	T TH	13C-230	*	*
AM QZ	T TH	13C-230	*	*
* H AN QZ	T TH	23C-330	*	*
100 B	5 M W F	103C-1130 TVARUZKA	*	*
BA QZ	T TH	73C-830	SPI	405
BB QZ	T TH	83C-930	*	*
BC QZ	T TH	83C-930	*	*
BC QZ	T TH	93C-1030	SPI	405
BE QZ	T TH	93C-1030	SPI	409
BF QZ	T TH	103C-1130	SPI	409
BG QZ	T TH	103C-1130	*	*
BH QZ	T TH	113C-1230	SPI	409
BI QZ	T TH	123C-130	*	*
BJ QZ	T TH	13C-230	SPI	405
100 U	5 T TH	70C-910 PM OSHIRO	*	*
205 A	5 M W F	83C-930 ROMANOWSKI	SPI	103
AN LB	T TH	83C-930	SPI	402
AO LB	T TH	103C-1130	SPI	402
AP LB	T TH	113C-1230	SPI	402
AQ LB	T TH	123C-130	SPI	402
207 A	5 M W F	83C-930 BEYERS BOYCE, MORRILL,	SPI	304
AA QZ	T TH	83C-930	*	*
AB QZ	T TH	103C-1130	*	*
* H AC QZ	T TH	113C-1230 MORRILL BOYCE, BEYERS,	*	*
258 A	2 T TH	83C-930 OLMSTEAD	SPI	304
277 A	5 D	93C-1030 BOYCE	SPI	103
300 A	5 D	103C-1130 BACCN	GUG	408
302 A	3 M W F	83C-930 DENKEY	*	*
315 A	5 D	13C-230 ROMANOWSKI	SPI	402
333J U	5	WITH FAR E 333J		
360 A	5 M W F T TH	113C-1230 123C-230 SHERMAN	SPI SPI	401 401
375 U	5 M W	70C-920 PM VELIKONJA	SPI	405
402 A	5 D	113C-1230 MORRILL	SPI	102
404 A	3/5 D	103C-1130 FLEMING	SPI	309

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

GEOGRAPHY - CONTINUED

*405J	A	5			WITH FAR E 405J			
435J	A	5			WITH FAR E 435J			
437J	A	3/5			WITH FAR E 437J			
*438J	A	3/5			WITH FAR E 438J			
*449	A	3/5	M W F	83C-930 FLEWING	SPI	405		
451J	A	3/5	M W F	103C-1130 THOMAS	*	*		
462	A	5	M W F T TH	23C-330 23C-430 SHERMAN	SPI SPI	405 405		
*475	A	5	M W F	113C-1230 VELIKONJA	SPI	405		
499	A	*	*	*	*	*		
500	A	3	M W	13C-245 SELCTD PARTICPNTS	*	*		
505J	A	3		WITH FAR E 505J				
507J	A	3		WITH FAR E 507J				
*510	A	3	T TH	33C-530 ULLMAN	SPI	411		
516	A	3		WITH ECON 516				
526	A	3	M W	33C-530 MCRILL	*	*		
529J	A	3		WITH C E 529J				
*551	A	3	T TH	33C-530 THOMAS	*	*		
570	A	3	T TH	13C-330 COOLEY	SPI	411		
577	A	3	M W	13C-330 BOYCE	*	*		
600	A	*	*	*	*	*		
700	A	*	*	*	*	*		

GEOLOGY

101	A	5	MTWT	103C-1130 CROESON	EUG	224		
	AN	LB	T	73C-930	JFN	053		
	AC	LB	TH	73C-930	JFN	053		
	AP	LB	F	73C-930	JFN	053		
	AQ	LB	F	93C-1130	JFN	053		
*	H	AR	LB	M 13C-330 103C-1130	JFN JFN	052 010		
	AS	LB	T	13C-330	JFN	053		
	AT	LB	W	13C-330	JFN	053		
	AU	LB	TH	13C-330	JFN	053		
	AV	LB	M	33C-530	JFN	053		
	AW	LB	T	33C-530	JFN	053		
101	U	5	T TH	70C-950 PM 70C-820 PM KEPPER	*	*		
	UN	LB	TH	82C-950 PM	*	*		
	UO	LB	TH	53C-700 PM	JFN	009		

GEOLOGY - CONTINUED

103	A	5	MTWT	93C-1030 RENSBERGER	*	*		
	AN	LB	T	73C-930	JFN	011		
	AC	LB	W	73C-930	JFN	011		
	AP	LB	TH	73C-930	JFN	011		
	AQ	LB	F	73C-930	JFN	011		
*	H	AR	LB	F 93C-1130	JFN	011		
	AS	LB	T	13C-330	JFN	011		
	AT	LB	TH	13C-330	JFN	011		
	AU	LB	F	13C-330	JFN	011		
	AV	LB	W	33C-530	JFN	011		
	AW	LB	TH	33C-530	JFN	011		
205	A	5	M W F	123C-130 GRESENS, CHRISTENSEN	JFN	056		
	AN	LB	M W	13C-330	JFN	010		
	AO	LB	T TH	13C-330	JFN	010		
	AP	LB	M W	33C-530	JFN	010		
	AQ	LB	T TH	33C-530	JFN	010		
* 308	A	5	T TH	13C-330 MCKEE	*	*		
	AA	QZ	W	93C-1030	JFN	010		
	AB	QZ	TH	93C-1030	JFN	010		
	AC	QZ	W	1030-1130	JFN	010		
	AD	QZ	TH	1030-1130	JFN	010		
* 322	A	5	M W F	83C-930 WHETTEN, GRESENS	*	*		
	AN	LB	M W	93C-1130	JFN	102		
	AC	LB	T TH	93C-1130	JFN	102		
	AP	LB	M W	13C-330	JFN	102		
	AQ	LB	T TH	33C-530	JFN	102		
401	A	8	*	* VANCE	*	*		
402	A	7	*	* VANCE	*	*		
*405J	A	5	D	83C-930 BOSTROM	JFN	013		
* 417	A	4	T TH	13C-300 PORTER	JFN	013		
436	A	5	M W F	93C-1030 MALLORY	JFN	013		
	AN	LB	T TH	33C-530	JFN	108		
487	A	5	M W F	103C-1130 CHEANEY	JFN	013		
	AN	LB	W	33C-530	JFN	102		
498	A	5	*	*	*	*		
499	A	*	*	*	*	*		
500	A	1	F	23C-330	JFN	056		
* #501	A	1-3	T	40C-600 WASHBURN	*	*		
510	A	*	*	* PORTER, WASHBURN	*	*		
520	A	*	*	*	*	*		

* New course or course number. See course changes pages 7-50.

GEOLOGY - CONTINUED

530	A	*	*	* MALLORY RENSBERGER	*	*
540	A	*	*	*	*	*
546	A	5	M W T	13C-330 103C-1130 MISCH	JFN JFN	055 055
550	A	*	*	*	*	*
560	A	*	*	*	*	*
565	A	5	M W	33C-530 WHEELER	JFN	114
570	A	*	*	* GRESENS	*	*
574	A	2	*	* GRESENS	*	*
580	A	*	*	* WHETTEN	*	*
585	A	*	*	* CHENEY	*	*
590	A	*	*	*	*	*
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

GEOPHYSICS - SEE PAGE 135

GERMANICS

102	A	5	D	83C-930	*	*
102	B	5	D	93C-1030	*	*
102	C	5	D	103C-1130	*	*
103	AA	5	D	73C-830	CEN	206
103	AB	5	D	83C-930	BLM	416
103	AC	5	D	83C-930	CEN	316
103	AC	5	D	93C-1030	*	*
103	AE	5	D	93C-1030	*	*
103	AF	5	D	93C-1030	*	*
103	AG	5	D	103C-1130	*	*
103	AH	5	D	103C-1130	*	*
*103 H	AI	5	D	103C-1130	*	*
103	AJ	5	D	113C-1230	*	*
*103 H	AK	5	D	113C-1230	*	*
103	AL	5	D	123C-130	CEN	306
103	AM	5	D	123C-130	BLM	414
103	BA	5	D	123C-130	CEN	206
103	BB	5	D	13C-230	*	*
103	BC	5	D	13C-230	*	*
103	BC	5	D	23C-330	CEN	206
103	BE	5	D	83C-930	BLM	414
103	UA	5	M WTH	70C-830 PM	CEN	206
*125	A	3	M TH	43C-600	BLM	408
201	AA	5	D	83C-930	*	*
201	AB	5	D	83C-930	CEN	206
201	AC	5	D	93C-1030	CEN	206
201	AD	5	D	103C-1130	CEN	206
201	AE	5	D	113C-1230	CEN	206

GERMANICS - CONTINUED

201	AF	5	D	123C-130	BLM	312
201	AG	5	D	123C-130	CEN	316
201	AH	5	D	13C-230	*	*
202	AA	5	D	83C-930	*	*
202	AB	5	D	93C-1030	*	*
202	AC	5	D	103C-1130	*	*
202	AD	5		113C-1230	CEN	206
202	AE	5	D	123C-130	BLM	408
202	AF	5	D	13C-230	CEN	206
203	AA	3	M W F	83C-930	PAR	309
203	AB	3	M W F	83C-930	CEN	306
*203 H	AC	3	M W F	93C-1030	*	*
203	AE	3	M W F	93C-1030	CEN	316
203	AG	3	M W F	103C-1130	*	*
203	AH	3	M W F	103C-1130	*	*
203	AI	3	M W F	113C-1230	*	*
203	AJ	3	M W F	113C-1230	*	*
203	AK	3	M W F	123C-130	BLM	314
203	AL	3	M W F	123C-130	BLM	416
*203 H	AM	3	M W F	123C-130	*	*
203	BA	3	M W F	13C-230	*	*
203	UA	3	M TH	70C-830 PM	BLM	408
207	AA	2	T TH	93C-1030	*	*
207	AB	2	T TH	1030-1130	BLM	312
207	AC	2	T TH	113C-1230	BLM	408
207	AD	2	T TH	123C-130	BLM	212
*207 H	AE	2	T TH	123C-130	*	*
207	UA	2	W	70C-900 PM	BLM	408
260	A	3	M W F	113C-1230	*	*
260	B	3	M W F	113C-1230	*	*
292	A	3	M W F	103C-1130	*	*
302	A	3	M W F	83C-930	*	*
302	B	3	T TH	23C-400	*	*
303	A	3	M W F	83C-930	*	*
*303 H	B	3	M W F	83C-930	*	*
303	C	3	T TH	23C-400	BLM	312
311	A	3	M W F	93C-1030	*	*
311	B	3	M W F	93C-1030	CEN	307
*311 H	C	3	M W F	93C-1030	*	*
311	D	3	M W F	23C-330	CEN	317
311	E	3	M W F	23C-330	CEN	217
403	A	3	M W F	93C-1030	*	*
*403 H	B	3	M W F	23C-330	BLM	306
403	C	3	M W F	23C-330	BLM	408
405	A	3	T TH	13C-330 13C-230 VOYLES	CEN CEN	317 317
412	A	3	M W F	33C-430	CEN	206
412	B	3	M W F	113C-1230	*	*
413	A	3	M W F	13C-230	PAR	309

‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

GERMANICS - CONTINUED

413	B	3	M W F	103C-1130	†	‡
464	A	3	M W F	113C-1230 STRLC	CEN	316
*492	H A	3	T TH	33C-430 MALCOF	CEN	217
497	A	1-5	*	*	*	*
498	A	1-5	*	*	*	*
498	B	3	M W F	103C-1130	‡	‡
506	A	3	M W F	33C-430 VOYLES	CEN	217
512	A	3	M W F	13C-230	*	‡
515	A	3	M W F	23C-330 IMMERWAHR	CEN	205
516	A	3	M W F	13C-230 SAUERLANDER	*	*
518	A	3	M W F	43C-530 REY	CEN	206
*520	A	3	T TH	33C-500 23C-430 BAUPGAERTEL	CEN CEN	206 306
522	A	3	T	13C-330 DYCK	*	*
526	A	3	TH	23C-430 SAUERLANDER	ELM	408
558	A	3	M W F	33C-430	CEN	205
569	A	3	M W F	13C-230 VON KRIES	‡	*
576	A	3	M W F	23C-330 RABLRA	*	*
*582	A	1-5	M	23C-430	‡	*
592	A	1-5	W	33C-530 BEHLER	ELM	408
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

HISTORY

101	A	5	MTWTH	13C-230 BACHARACH	SPI	103
	AA	QZ	F	83C-930	TPO	235
	AB	QZ	F	93C-1030	PLR	316
	AC	QZ	F	103C-1130	MEB	250
	AC	QZ	F	113C-1230	SAV	335
	AE	QZ	F	123C-130	SPI	405
	AF	QZ	F	123C-130	TPO	235
	AG	QZ	F	13C-230	SPI	405
* H	AH	QZ	F	13C-230	MEB	243
102	A	5	TWTF	83C-930 L. FARRAR	*	*
	AA	QZ	M	83C-930	TPO	235
	AB	QZ	M	83C-930	SPI	409
* H	AC	QZ	M	83C-930 FARRAR	TPO	331
	AC	QZ	M	93C-1030	SPI	405
	AE	QZ	M	93C-1030	SPI	409
	AF	QZ	M	103C-1130	SPI	409
	AG	QZ	M	113C-1230	TPO	331

HISTORY - CONTINUED

	AP	QZ	M	123C-130	TPO	331
	AI	QZ	M	13C-230	TPO	311
202	A	5	MTWT	113C-1230 C. THOMAS	*	‡
	AA	QZ	F	83C-930	MEB	249
* H	AB	QZ	F	113C-1230 C. THOMAS	*	*
	AC	QZ	F	83C-930	MEB	246
	AC	QZ	F	93C-1030	SPI	409
	AE	QZ	F	93C-1030	SPI	405
	AF	QZ	F	103C-1130	SPI	405
	AG	QZ	F	113C-1230	SPI	409
	AP	QZ	F	113C-1230	PLR	316
	AI	QZ	F	123C-130	MEB	232
	AJ	QZ	F	123C-130	SAV	137
	AK	QZ	F	13C-230	TPO	311
241	A	5	M W F	103C-1130 SCHCLZ	*	*
	AA	QZ	T TH	83C-930	TPO	211
	AB	QZ	T TH	83C-930	MEB	240
	AC	QZ	T TH	83C-930	MEB	238
	AC	QZ	T TH	83C-930	ARC	101
	AE	QZ	T TH	93C-1030	MEB	247
	AF	QZ	T TH	93C-1030	MEB	243
	AG	QZ	T TH	93C-1030	MEB	246
	AH	QZ	T TH	103C-1130	MEB	247
	AI	QZ	T TH	103C-1130	MEB	240
	AJ	QZ	T TH	103C-1130	MEB	246
	AK	QZ	T TH	113C-1230	ARC	101
	AL	QZ	T TH	113C-1230	MEB	250
	AM	QZ	T TH	13C-230	SPI	409
	BA	QZ	T TH	13C-230	MEB	237
241	U	5	T TH	70C-920 PM AVERY	SPI	102
273	A	5	D	123C-130 COSTIGAN	SPI	303
* +299	H A	3	W	13C-330 THOMAS	MEB	250
307	A	5	TWTF	103C-1130 EMERSON	SPI	103
	AA	QZ	M	103C-1130	TPO	231
	AB	QZ	M	103C-1130	SPI	405
	AC	QZ	M	113C-1230	SPI	409
	AC	QZ	M	123C-130	SPI	405
	AE	QZ	M	123C-130	TPO	235
	AF	QZ	M	13C-230	SPI	405
* 313	A	5	D	13C-230 KAMINSKY	MEB	245
343	A	5	MTWTH	93C-1030 BURKE	SPI	102
	AA	QZ	F	83C-930	SPI	409
	AB	QZ	F	93C-1030	MEB	234
	AC	QZ	F	113C-1230	*	*
	AC	QZ	F	13C-230	PLR	104

* New course or course number. See course changes pages 7-50.

HISTORY - CONTINUED

AE	QZ		F	1030-1130	SPI	409			
AF	QZ		F	1230-130	SPI	409			
AG	QZ		F	930-1030	MLR	104			
AH	QZ		F	230-330	THO	311			
*391	H A	5	W	130-330 LYTLE & HANKINS	SPI	306			
402	A	3	M W F	1030-1130 EDMUNSON	SPI	102			
404	U	3	M W	730-855 PM T. MACKAY	SPI	102			
406	A	3	M W F	130-230 FERRILL	SPI	307			
* 407	A	5	U	1130-1230 MOSHER	SPI	309			
423J	A	5		WITH FAR E 423J					
†	AA QZ			WITH FAR E 423J					
	AB QZ			WITH FAR E 423J					
	AC QZ			WITH FAR E 423J					
	AC QZ			WITH FAR E 423J					
433	U	5	M W	530-730 PM M. FARRAR	SPI	307			
437	U	5	T TH	730-950 PM BRIDGMAN	SPI	307			
* 440	A	4	MTWTH	1230-130 BACHARACH	SPI	409			
443	A	5	D	130-230 SAUP	SPI	102			
443	U	5	T TH	630-850 PM SAUP	SPI	305			
444	A	5	D	930-1030 PINKNEY	SPI	309			
* 445C	A	3	M W F	1030-1130 BESTOR	SPI	202			
* 445B	U	3	M TH	700-825 PM DENNISON	SPI	309			
447	A	5	D	830-930 PRESSLY	SPI	102			
449J	A	5		WITH FAR E 449J					
454J	A	5		WITH FAR E 454J					
467J	A	5		WITH FAR E 467J					
*468J	A	5		WITH FAR E 468J					
*476J	A	4		WITH FAR E 476J					
484J	A	5		WITH FAR E 484J					
487	A	5	D	1030-1130 DIFFIE	SPI	307			
489	A	5	D	1130-1230 SOLBERG	SPI	305			
* 498	A	3-5	TH	330-530 SAUP	THO	235			
*499	A	1-5	*	*	*	*			

HISTORY - CONTINUED

*512	A	3-6	T	130-330 FERRILL	MEB	240			
514	A	3-6	TH	130-330	MEB	243			
*519	A	3-6	T	330-530 KAMINSKY	MEB	G009			
*523	A	3-6	TH	330-530 BRIDGMAN	MEB	G006			
*524C	CA	3-6	W	130-330 LYTLE	MEB	249			
*527	A	3-6	T	130-330 HANKINS	MEB	247			
*531	A	3-6	W	130-330 GRIFFITHS	ARC	101			
*537J	A	3-6		WITH FAR E 537J					
*549J	A	3-6		WITH FAR E 549J					
*552J	A	3-6		WITH FAR E 552J					
*555	A	3-6	T	330-530 SCHCLZ	MEB	232			
*562J	A	3-6		WITH FAR E 562J					
*566C	CA	3-6	T TH	130-330 PEASE	SPI	308			
* 570	A	3-6	W	130-330 SUGAR	MEB	248			
*571	A	0	*	*	*	*			
573	A	3-6	TH	400-600 COSTIGAN	SPI	409			
* 578	A	3-6	T	330-530 DIFFIE	SPI	108B			
*581	A	3-6	M	330-530 SOLBERG	MEB	G006			
*600	A	*	*	*	*	*			
*613J	A	3-6		WITH FAR E 613J					
* 642	A	3-6	T	130-330 FARRAR	MEB	235			
*647	A	5	W M W F	130-330 1030-1130 BESTOR	MEB	246			
* 665	A	3-6		WITH FAR E 665					
*700	A	*	*	*	*	*			
HOME ECONOMICS									
110	A	5	T TH	230-330 CRUP	RAI	218			
	AN LB		M W F	230-430 CRUP	RAI	211			
125	A	3	T TH	1130-1230 BROCKWAY	RAI	310			
	AN LB		M	1130-130 KING	RAI	301			
	AO LB		W	1130-130 KING	RAI	301			
	AP LB		F	1130-130 KING	RAI	301			

HOME ECONOMICS - CONTINUED

134	A	3/5	D	83C-1030 PHILBRICK	RAI	307
134	B	3/5	D	103C-1230 SHIGAYA	RAI	307
134	C	3/5	D	13C-330 MURCOCH	RAI	307
148	A	3	F	93C-1030 WILSON	RAI	212
	AN LB		M W	93C-1130 WILSON	FPH	*
	AO LB		T TH	93C-1130 WILSON	FPH	*
216	A	1-3	M	103C-1230 CRUP	RAI	212
	AN LB		T TH	103C-1230 CRUP	RAI	211
	AO LB		W F	103C-1230 CRUP	RAI	211
234	A	3	M W F	83C-1030 SMITH MAJCRS ONLY	RAI	305
234	B	3	M W F	33C-530 SMITH	RAI	305
300	A	2	T TH	83C-930 ARLIN	RAI	304
315	A	3/5	M W	13C-230 NIELSEN	RAI	218
	AN LB		T TH	13C-430 NIELSEN	RAI	211
*	H AC LB			WITH 315AN		
	AP LB		T TH	13C-430 ARLIN	RAI	217
316	A	3	T TH	93C-1230 93C-1230 NIELSEN	RAI	212 217
*329	A	2	T TH	83C-1030 BROCKWAY	RAI	308
338	A	3	M W F	23C-430 PHILBRICK	RAI	313
*338 H	B	3		WITH 338 A		
347	A	3/5	M W F	23C-330 SCHROEDER	RAI	304
	AN LB		T TH	23C-430 SCHROEDER	RAI	304
*	H AC LB			WITH 347AN		
*348	A	3	T TH	13C-230 WILSON	FPH	*
	AN LB		*	*	FPH	*
*348	B	3	M W	13C-300 WILSON	FPH	*
	BN LB		*	* WILSON,LINDBLOM	FPH	*
354	A	3/5	D	83C-930 HALL	RAI	218
*354 H	B	3/5		WITH 354 A		
356	A	3	M W F	103C-1130 STONE	RAI	310
*356 H	B	3		WITH 356 A		
372	A	5	M	23C-330 ZIGLAR	RAI	107

HOME ECONOMICS - CONTINUED

	AN LB		*	* ZIGLAR		*	*
*380	A	2	*	* SMITH		*	*
408	A	3	M W F	93C-1030 ARLIN	RAI	218	
*429	A	3	M W F	83C-1030 BROCKWAY	RAI	308	
433	A	4	M W F	13C-330 LIENKAEMPER	RAI	310	
*434	A	3	M W F	13C-330 SHIGAYA	RAI	305	
436	A	5	T TH	83C-1130 LIENKAEMPER	RAI	313	
447	A	3	M W	33C-530 SCHROEDER	RAI	304	
454	A	2	T	33C-530 HALL		+	4
457	A	3	M W	123C-130 JOHNSON	RAI	218	
	AN LB		F	123C-230 JOHNSON	RAI	218	
473	A	5	M W F	103C-1130 TERRELL	RAI	107	
	AN LB		TH	103C-1230 TERRELL	RAI	107	
*495	A	*	*	* COSTUME DSGN SHIGAYA LIENKAEMPER		*	*
*495 H	A	*		WITH 495 A			
*495	B	*	*	* INSTIT ADMIN TERRELL		*	*
*495 H	B	*		WITH 495 B			
*495	C	*	*	* NUTRITICN ARLIN,CHILOS		*	*
*495 H	C	*		WITH 495 C			
*495	D	*	*	* TEXTILES BROCKWAY		*	*
*495 H	D	*		WITH 495 D			
*495	E	*	*	* FAMILY ECON HALL		*	*
*495 H	E	*		WITH 495 E			
*495	F	*	*	* FOODS NIELSEN		*	*
*495 H	F	*		WITH 495 F			
*495	G	*	*	* H EC EDUC MC ADAMS		*	*
*495 H	G	*		WITH 495 G			
*495	H	*	*	* FAM RELTNSHPS STONE		*	*
*495 H	H	*		WITH 495 H			
*495	I	*	*	* HOME MNGT WILSON		*	*
*495 H	I	*		WITH 495 I			
*495	K	*	*	* HOME FURNSHNG SCHROEDER		*	*
*495 H	K	*		WITH 495 K			
*496	F A	2/3	*	*		*	*
*496	F B	2/3	*	*		*	*
*496	F C	2/3	*	*		*	*
*496	F D	2/3	*	*		*	*

* New course or course number. See course changes pages 7-50.

HOME ECONOMICS - CONTINUED

*496	F	E	2/3	*	*	*	*
*496	F	F	2/3	*	*	*	*
*496	F	G	2/3	*	*	*	*
*496	F	H	2/3	*	*	*	*
*496	F	I	2/3	*	*	*	*
*496	H	K	2/3	*	*	*	*
507	A		*	W	23C-430 CHILOS	RAI	217
510	A		3	M F	83C-930 FEENEY		*
	AN	LE		W	83C-1130 FEENEY		*
511	A		2-12	*	* FEENEY		*
525	A		3	*	* BROCKWAY		*
556	A		3	M W	40C-530 STONE		*
576	A		4	MT T	23C-430 TERRELL	RAI	212
577	A		4		WITH 576		
578	A		4		WITH 576		
*600	A		*	*	* COSTUME DSGN SHIGAYA LIENKAEMPER	*	*
*600	B		*	*	* INSTIT ADMIN TERRELL	*	*
*600	C		*	*	* NUTRITION ARLIN, JOHNSON CHILDS, FEENEY	*	*
*600	D		*	*	* TEXTILES BROCKWAY	*	*
*600	E		*	*	* FAMILY ECON HALL	*	*
*600	F		*	*	* FOODS NIELSEN	*	*
*600	G		*	*	* H EC EDUC MC ADAMS	*	*
*600	H		*	*	* FAM RELTNSHPS STONE	*	*
*600	I		*	*	* HOME MNGT WILSON	*	*
*600	K		*	*	* HOME FURNSHNG SCHROEDER	*	*
700	A		*	*	*	*	*

HUMANITIES - SEE PAGE 80

LIBERAL ARTS

111	A		5	MT TF	103C-1130 LUTEY	*	*
	AA	QZ		T	83C-930	SPI	309
	AB	QZ		T	83C-930	SPI	307
	AC	QZ		W	83C-930	SPI	409
	AD	QZ		TH	83C-930	SPI	309
	AE	QZ		W	103C-1130	SPI	405
	AF	QZ		W	103C-1130	SPI	409
	AG	QZ		T	123C-130	JFN	009
	AH	QZ		W	123C-130	SPI	405

LINGUISTICS

*103	A		5	M W F	103C-1130 TSITSOPOULOS	THO	119
	AA	QZ		T TH	83C-930	THO	235
	AB	QZ		T TH	93C-1030	THO	235
	AC	QZ		T TH	103C-1130	THO	235
200	A		5	D	103C-1130	THO	202
200	U		5	M W	70C-920 PM LUKCFE	ELM	414
201	A		5	D	103C-1130 VALFELLS	THO	211
400	A		3	M W F	103C-1130 SAPCRA	THO	235
*453J	A		3		WITH ANTH 453J		
*463J	A		3		WITH ANTH 463J		
499	A		1-5	*	*	*	*
*503	ZN		3	T TH	13C-330 TSITSOPOULOS	PCL	A216
530	A		3	M W F	113C-1230 RONA	PCL	A216
578J	A		3		WITH FAR E 578J		
580	A		2-4	M	33C-530 CCNTRERAS	PCL	A216
*599	A		1	W	33C-500 ALT WKS SAPCRA	THO	234
*600	A		1-5	*	*	*	*
*700	A		*	*	*	*	*

MATHEMATICS

101	A		5	T TH	73C-830	PHY	150
101	B		5	T TH	123C-130	PHY	260
101	C		5	T TH	123C-130	PHY	256
101	D		5	T TH	13C-230	PHY	252
101	E		5	T TH	33C-430	PHY	252
101	F		5	T TH	33C-430	PHY	250
101	U		5	M WTH	70C-830 PM	PHY	152
104	AA		3	M W F	83C-930	PHY	256
104	AB		3	M W F	83C-930	PHY	154
104	U		3	T TH	63C-755 PM	PHY	252
105	A		5	T TH	83C-930	*	*
	AA	QZ		M W F	73C-830	PHY	150
	AB	QZ		M W F	83C-930	SAV	137
	AC	QZ		M W F	83C-930	PHY	258
	AC	QZ		M W F	83C-930	PHY	252
	AE	QZ		M W F	83C-930	ARC	101
	AF	QZ		M W F	83C-930	SAV	241
	AG	QZ		M W F	83C-930	PHY	260
	AH	QZ		M W F	93C-1030	PHY	258
	AI	QZ		M W F	93C-1030	PHY	154
105	U		5	M WTH	70C-830 PM	PHY	256
105	V		5	M WTH	70C-830 PM	PHY	154
114	A		2	M W	123C-130	PHY	260

‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

MATHEMATICS - CONTINUED

114	B	2	M W	123C-130	SAV	132
114	C	2	T TH	123C-130	PHY	246
114	D	2	T TH	123C-130	SAV	135
114	U	2	M	70C-850 PM	PHY	252
114	V	2	T	70C-900 PM	PHY	152
124	A	5	M W F	83C-930	PHY	150
	AA QZ		T TH	83C-930	PHY	150
	AB QZ		T TH	83C-930	PHY	152
124	B	5	M W F	93C-1030	PHY	254
	BA QZ		T TH	93C-1030	PHY	150
	BB QZ		T TH	93C-1030	PHY	250
124	C	5	M W F	1030-1130	PHY	152
	CA QZ		T TH	1030-1130	PHY	246
	CB QZ		T TH	1030-1130	PHY	250
124	D	5	M W F	1230-130	PHY	235
	DA QZ		T TH	1230-130	PHY	154
	DB QZ		T TH	1230-130	PHY	250
124	E	5	M W F	13C-230	PHY	235
	EA QZ		T TH	13C-230	PHY	256
	EB QZ		T TH	13C-230	SAV	146
124	F	5	M W F	23C-330	PHY	254
	FA QZ		T TH	23C-330	PHY	258
	FB QZ		T TH	23C-330	PHY	250
124	U	5	M WTH	70C-830 PM	SAV	241
125	A	5	M W F	83C-930	PHY	235
	AA QZ		T TH	83C-930	PHY	246
	AB QZ		T TH	83C-930	PHY	252
125	B	5	M W F	93C-1030	SAV	239
	BA QZ		T TH	93C-1030	PHY	246
	BB QZ		T TH	93C-1030	SAV	146
125	C	5	M W F	93C-1030	SAV	329
	CA QZ		T TH	93C-1030	PHY	252
	CB QZ		T TH	93C-1030	PHY	152
125	D	5	M W F	103C-1130	PHY	235
	DA QZ		T TH	103C-1130	PHY	252
	DB QZ		T TH	103C-1130	SAV	237
125	E	5	M W F	1030-1130	PHY	254
	EA QZ		T TH	103C-1130	PHY	258
	EB QZ		T TH	103C-1130	PHY	150
125	F	5	M W F	113C-1230	PHY	150
	FA QZ		T TH	113C-1230	PHY	152
	FB QZ		T TH	113C-1230	PHY	246
125	G	5	M W F	13C-230	PHY	254
	GA QZ		T TH	13C-230	PHY	152
	GB QZ		T TH	13C-230	PHY	246
125	H	5	M W F	23C-330	PHY	235
	HA QZ		T TH	23C-330	PHY	246
	HB QZ		T TH	23C-330	PHY	154
125	U	5	M WTH	70C-830 PM	SAV	335

MATHEMATICS - CONTINUED

126	A	5	M W F	83C-930	PHY	254
	AA QZ		T TH	83C-930	PHY	250
	AB QZ		T TH	83C-930	PHY	256
126	B	5	M W F	93C-1030	SAV	331
	BA QZ		T TH	93C-1030	PHY	260
	BB QZ		T TH	93C-1030	PHY	256
126	C	5	M W F	93C-1030	PHY	235
	CA QZ		T TH	93C-1030	SAV	135
	CB QZ		T TH	93C-1030	PHY	258
126	D	5	M W F	103C-1130	PHY	154
	DA QZ		T TH	103C-1130	SAV	343
	DB QZ		T TH	103C-1130	SAV	341
126	E	5	M W F	103C-1130	PHY	260
	EA QZ		T TH	103C-1130	PHY	260
	EB QZ		T TH	103C-1130	PHY	152
126	F	5	M W F	1130-1230	PHY	235
	FA QZ		T TH	113C-1230	PHY	250
	FB QZ		T TH	113C-1230	PHY	150
126	G	5	M W F	123C-130	PHY	152
	GA QZ		T TH	123C-130	PHY	150
	GB QZ		T TH	123C-130	PHY	152
126	H	5	M W F	13C-230	PHY	246
	HA QZ		T TH	13C-230	SAV	135
	HB QZ		T TH	13C-230	PHY	258
126	I	5	M W F	23C-330	PHY	150
	IA QZ		T TH	23C-330	PHY	150
	IB QZ		T TH	23C-330	PHY	152
126	U	5	M WTH	70C-830 PM	SAV	137
*136	H A	5		D 13C-230 ROBERTSON	SAV	241
*136	H B	5		D 13C-230	PHY	150
157	A	4	T TH	93C-1030	*	*
	AA QZ		W F	83C-930	SAV	343
	AB QZ		W F	83C-930	SAV	239
	AC QZ		W F	83C-930	SAV	341
	AD QZ		W F	93C-1030	*	*
	AE QZ		W F	93C-1030	*	*
	AF QZ		W F	93C-1030	*	*
	AG QZ		W F	93C-1030	*	*
	AH QZ		W F	93C-1030	*	*
157	U	4	M TH	70C-855 PM	WEB	G006
170	A	3	M W	13C-300	SAV	135
171	A	3	T TH	13C-300	PHY	235
203	H A	3	M W F	13C-230 P/F ONLY BUNGART	WEB	235
224	A	3	M W F	83C-930	SAV	135
224	B	3	M W F	93C-1030	SAV	341
224	C	3	M W F	113C-1230	SAV	237
224	D	3	M W F	13C-230	PHY	152
224	U	3	T TH	63C-755 PM	PHY	150

* New course or course number. See course changes pages 7-50.

MATHEMATICS - CONTINUED

*236	H	A	3	M W F	130-230 ALLENDORFER	PHY	256
238	A		3	M W F	83C-930	PHY	246
238	B		3	M W F	93C-1030	PHY	246
238	C		3	M W F	113C-1230	PHY	246
238	D		3	M W F	123C-130	PHY	246
238	E		3	M W F	13C-230	SAV	146
238	U		3	T TH	70C-830 PM	SPI	409
281	A		5	D	123C-130	PHY	258
281	U		5	M WTH	70C-830 PM	PHY	246
301	A		3	M W F	113C-1230	PHY	256
301	U		3	T TH	63C-755 PM	PHY	258
302	A		3	M W F	93C-1030	PHY	250
302	B		3	M W F	93C-1030	* *	
302	C		3	M W F	13C-230	MEB	238
302	D		3	M W F	13C-230	MEB	237
303	A		3	M W F	113C-1230	* *	
303	B		3	M W F	113C-1230	SPI	313
305	A		3	M W F	103C-1130	PHY	252
324	A		3	M W F	83C-930	PHY	152
324	B		3	M W F	103C-1130	PHY	246
324	C		3	M W F	13C-230	SAV	237
325	A		3	M W F	83C-930	SAV	146
325	B		3	M W F	93C-1030	SAV	343
325	C		3	M W F	93C-1030	PHY	260
374	U		3	T TH	63C-755 PM	PHY	250
391	A		3	M W F	103C-1130	* *	
391	B		3	M W F	123C-130	PHY	256
392	A		3	M W F	93C-1030	PHY	252
392	B		3	M W F	13C-230	MEB	240
400	A		3	M W F	93C-1030	* *	
404	A		3	M W F	83C-930 PIERCE	SAV	237
404	B		3	M W F	103C-1130 WARFIELD	* *	
405	A		3	M W F	103C-1130	* *	
407	U		3	T TH	63C-755 PM	SAV	132
* 408	A		3	M W F	103C-1130 ROCKAFELLER	PHY	258
426	A		3	M W F	103C-1130 SHORACK	PHY	250
426	B		3	M W F	113C-1230 WULBERT	PHY	154
428	A		3	M W F	93C-1030	PHY	152
429	A		3	M W F	83C-930	PHY	250
429	B		3	M W F	103C-1130 SCHWARTZMAN	* *	
429	C		3	M W F	123C-130 PHELPS	PHY	252
429	U		3	M W	63C-755 PM	PHY	150

MATHEMATICS - CONTINUED

438	A		3	M W F	83C-930 JOHNSON	SAV	132
438	U		3	M W	63C-755 PM	PHY	250
443	A		3	M W F	113C-1230 GRUNBAUM	PHY	258
443	B		3	M W F	13C-230 JEWETT	SAV	335
466	A		3	M W F	23C-330 DECKER	PHY	246
466	U		3	T TH	63C-755 PM DECKER	PHY	260
484	A		3	M W F	113C-1230 VAN NESS	JHN	009
* 485	A		3	M W F	93C-1030 PYKE	PHY	150
* 492	A		3	M W F	13C-230 BIRNBAUM	PHY	154
*496	H	A	*	M W F	113C-1230 DUKE	PHY	152
*498	A		2-5	M W F	113C-1230 ZUCKERMAN	PHY	250
503	A		3	M W F	13C-230 RITTER	SAV	137
506	A		3	M W F	93C-1030 HUNGERFORD	* *	
506	B		3	M W F	93C-1030 JANS	PHY	256
510	A		*	*	*	* *	
510	B		*	TH	13C-230	PHY	250
513	A		2-3	M W F	23C-330 TROY	PHY	256
513	B		2-3	M W F	13C-230 CURJEL	PHY	260
523	A		3	M W F	103C-1130 FISHER	PHY	256
526	A		3	M W F	113C-1230 BUNGART	PHY	252
526	B		3	M W F	113C-1230 GLICKSBERG	PHY	260
529	A		3	M W F	123C-130 G. LUMER	PHY	150
530	A		*	*	*	* *	
533	A		2-3	M W F	103C-1130 MOORE	PHY	150
533	B		2-3	M W F	13C-230 ARSCVE	PHY	252
533	C		2-3	M W F	23C-330 HEWITT	PHY	154
535	A		3	M W F	123C-130 FERNHOLTZ	PHY	154
536	A		3	T TH	13C-330 HIRSCHFELDER	MEB	238
542	A		3	T TH	103C-1230 ROCKAFELLAR	PHY	256
546	A		3	M W F	103C-1130 OZOLS	* *	
550	A		*	*	*	* *	
553	A		2-3	M W F	113C-1230 KLEE	* *	
553	B		2-3	M W F	23C-330 WHYBURN	PHY	258

MATHEMATICS - CONTINUED

553	C	2-3	M W F	33C-430 WARNER	PHY	150
559	A	3	TH F	103C-1230 13C-230 GOLDSTEIN	PHY SAV	154 132
563	A	3	M W F	23C-330 MICHAEL	PHY	252
566	A	3	M W F	13C-230 GANEVA	PHY	250
569J	A	3		WITH A A 569J A		
569J	B	3		WITH A A 569J B		
570	A	*	*	*	*	*
573	A	2-3	M W F	23C-330 SEGAL	PHY	152
573	B	2-3	M W F	23C-330 GRUNBAUM	PHY	250
576	A	3	T TH	13C-330 SARASON	PHY	260
579	A	3	M W F	13C-230 BROWNELL	PHY	258
583	A	3	M W F	123C-130 BRESLOW	PHY	250
590	A	*	*	*	*	*
593	A	3	M W F	93C-1030 BLUMENTHAL	SMI	307
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

MUSIC

100	A	1	T TH	33C-500 EICHENBERGER	MUS	126
*103	A	2	M W F	83C-930 BENSHOOF	MUS	216
*103	B	2	M W F	93C-1030 KECHLEY	MUS	216
*103	C	2	M W F	103C-1130 BENSHOOF	MUS	213
*103	D	2	M W F	1130-1230 VERRALL	MUS	219
*103	E	2	M W F	13C-230 BURLESON	MUS	216
*104	A	2	M W F	1130-1230	MUS	313
*104	B	2	M W F	23C-330	MUS	313
*104	C	2	M W F	13C-230	MUS	313
107	A	5	MTW F	103C-1130 CLARKE	MUS	126
	AN LB		TH	930-1030	MUS	216
	AC LB		TH	930-1030	MUS	219
	AP LB		F	83C-930	MUS	213
	AQ LB		TH	1030-1130	MUS	126
	AR LB		F	123C-130	MUS	216
	AS LB		W	1230-130	MUS	216
	AT LB		TH	123C-130	MUS	219
	AU LB		TH	123C-130	MUS	216
	AV LB		TH	123C-130	MUS	223
	AW LB		W	123C-130	MUS	213

MUSIC - CONTINUED

108	A	2	T TH	103C-1130 MC INNES	MUS	213
108	B	2	T TH	13C-230 SOKCL	MUS	213
*110	A	1	*	*	*	*
*110	CA	1	M W	93C-1030 BERGER	MUS	114
*110	CB	1	T TH	93C-1030 MESLER	MUS	114
*110	CC	1	M W	13C-230 BERGER	MUS	114
*110	CD	1	T TH	13C-230 MESLER	MUS	015
*116	A	1	T TH	83C-930	MUS	216
*116	B	1	T TH	83C-930	MUS	219
*116	C	1	T TH	93C-1030	MUS	223
*116	D	1	T TH	930-1030	MUS	012
*116	E	1	T TH	103C-1130	MUS	216
*116	F	1	T TH	103C-1130	MUS	114
*116	G	1	T TH	113C-1230	MUS	012
*116	H	1	T TH	113C-1230	MUS	216
*116	I	1	T TH	13C-230	MUS	216
*116	J	1	T TH	13C-230	MUS	219
118	A	2	T TH	113C-1230 ODOAN	MUS	223
118	U	2	M	53C-720 PM SOKCL	*	*
119	A	2	M	73C-920 HOKANSON	MUS	223
119	U	2	M	60C-800 PM SOKCL	MUS	213
121	U	2	M	70C-900 PM	MUS	219
122	A	2	T TH	113C-1230	MUS	219
123	A	2	T TH	103C-1130	MUS	219
123	B	2	T TH	23C-330	MUS	219
123	U	2	M	70C-850 PM	MUS	216
*130	AA	2-3	*	* PIANO SIKI	*	*
*130	AB	2-3	*	* PIANO DE SILVA	*	*
*130	AC	2-3	*	* PIANO GEISSMAR	*	*
*130	AC	2-3	*	* PIANO HOKANSON	*	*
*130	AE	2-3	*	* PIANO MCORE	*	*
*130	AF	2-3	*	* PIANO ODOAN	*	*
*130	AG	2-3	*	* PIANO ROSENTHAL	*	*
*130	BA	2-3	*	* VIOLIN-VIOLA ZETLIN	*	*
*130	BB	2-3	*	* VIOLIN-VIOLA SOKCL	*	*
*130	BC	2-3	*	* VIOLIN-VIOLA MC INNES	*	*

MUSIC - CONTINUED

*130	CA	2-3	*	* VOICE HARRIS	*	*
*130	CB	2-3	*	* VOICE MESLER	*	*
*130	CC	2-3	*	* VOICE LISHNER	*	*
*130	CC	2-3	*	* VOICE BERGER	*	*
*130	CE	2-3	*	* VOICE GARRETSON	*	*
*130	DA	2-3	*	* VIOLONCELLO HEINITZ	*	*
*130	DB	2-3	*	* VIOLONCELLO	*	*
*130	EA	2-3	*	* DOUBLE BASS WARNER	*	*
*130	FA	2-3	*	* ORGAN EICHINGER	*	*
*130	GA	2-3	*	* FLUTE SKORONEK	*	*
*130	GB	2-3	*	* FLUTE	*	*
*130	HA	2-3	*	* OBOE STORCH	*	*
*130	IA	2-3	*	* CLARINET MC COLL	*	*
*130	IB	2-3	*	* CLARINET WELKE	*	*
*130	JA	2-3	*	* BASSOON GROSSMAN	*	*
*130	KA	2-3	*	* HORN WELKE	*	*
*130	KB	2-3	*	* HORN LEUBA	*	*
*130	LA	2-3	*	* TRUMPET WELKE	*	*
*130	LB	2-3	*	* TRUMPET COLE	*	*
*130	MA	2-3	*	* TROMBONE DEMPSTER	*	*
*130	NA	2-3	*	* TUBA	*	*
*130	OA	2-3	*	* HARP VOKCLEK	*	*
*130	PA	2-3	*	* TIMPANI-PERC BERGAMO	*	*
*130	QA	2-3	*	* HARPSICHORD DE SILVA	*	*
*130	RA	2-3	*	* VIOL DA GAMBA HEINITZ	*	*
*130	SA	2-3	*	* NONWEST INSTR	*	*
*130	SB	2-3	*	* NONWEST INSTR	*	*
*130	SC	2-3	*	* NONWEST INSTR	*	*
*130	SC	2-3	*	* NONWEST INSTR	*	*
*130	TA	2-3	*	* SAXOPHONE POPE	*	*
*140	A	1	M H	33C-530 COLE	MUS	035
*150	AA	3-4	*	* PIANO SIKI	*	*
*150	AB	3-4	*	* PIANO DE SILVA	*	*

MUSIC - CONTINUED

*150	AC	3-4	*	* PIANO GEISSMAR	*	*
*150	AC	3-4	*	* PIANO HOKANSON	*	*
*150	AE	3-4	*	* PIANO MOORE	*	*
*150	AF	3-4	*	* PIANO ODOAN	*	*
*150	BA	3-4	*	* VIOLIN-VIOLA ZETLIN	*	*
*150	BE	3-4	*	* VIOLIN-VIOLA SOKCL	*	*
*150	BC	3-4	*	* VIOLIN-VIOLA MC INNES	*	*
*150	CA	3-4	*	* VOICE HARRIS	*	*
*150	CB	3-4	*	* VOICE MESLER	*	*
*150	CC	3-4	*	* VOICE LISHNER	*	*
*150	CD	3-4	*	* VOICE BERGER	*	*
*150	CE	3-4	*	* VOICE GARRETSON	*	*
*150	DA	3-4	*	* VIOLONCELLO HEINITZ	*	*
*150	DB	3-4	*	* VIOLONCELLO	*	*
*150	EA	3-4	*	* DOUBLE BASS WARNER	*	*
*150	FA	3-4	*	* ORGAN EICHINGER	*	*
*150	GA	3-4	*	* FLUTE SKORONEK	*	*
*150	GB	3-4	*	* FLUTE	*	*
*150	HA	3-4	*	* OBOE STORCH	*	*
*150	IA	3-4	*	* CLARINET MC COLL	*	*
*150	IB	3-4	*	* CLARINET WELKE	*	*
*150	JA	3-4	*	* BASSOON GROSSMAN	*	*
*150	KA	3-4	*	* HORN WELKE	*	*
*150	KB	3-4	*	* HORN LEUBA	*	*
*150	LA	3-4	*	* TRUMPET WELKE	*	*
*150	LB	3-4	*	* TRUMPET COLE	*	*
*150	MA	3-4	*	* TROMBONE DEMPSTER	*	*
*150	NA	3-4	*	* TUBA	*	*
*150	OA	3-4	*	* HARP VOKCLEK	*	*
*150	PA	3-4	*	* TIMPANI-PERC BERGAMO	*	*
*150	QA	3-4	*	* HARPSICHORD DE SILVA	*	*
*150	RA	3-4	*	* VIOL DA GAMBA HEINITZ	*	*

MUSIC - CONTINUED

*150	TA	3-4	*	* SAXOPHONE POPE	* *	
*160	A	1	T TH	33C-530 CHAPPLE	MUS	035
*170	A	1	*	* HEINITZ, ZETLIN MC INNES	* *	
*171	A	1	T	33C-530 GEISSMAR	MUS	212
*172	A	1	F	33C-530 WELKE	MUS	012
*173	A	1	F	33C-530 COLE	MUS	035
*174	A	1	M	123C-230 BERGAMO	MUS	035
*175	A	1	*	* GARFIAS	* *	
*176	A	1	M W F	73C-930 POPE	MUS	035
*180	A	1	M W F	23C-330 KUCHUNAS	MUS	012
*190	A	1	TWT	123C-130 KECHLEY	MUS	116
*191	A	2	*	*	* *	
	AN LB		F	123C-130	MUS	114
*200	A	1	M W F	23C-330 EICHENBERGER	MUS	213
*203	A	3	M W F	103C-1130 BABE	MUS	216
*203	B	3	M W F	103C-1130 BEALE	MUS	219
*203	C	3	M W F	13C-230 TUFTS	MUS	219
*203	D	3	M W F	13C-230 DEMPSTER	MUS	223
*209	A	2	T TH	103C-1130 TROY	MUS	223
*209	B	2	T TH	13C-230 TROY	MUS	126
*210A	AA	1	*	*	* *	
*210C	CA	1	M W	103C-1130 BERGER	MUS	114
*210C	CB	1	T TH	23C-330 MESLER	MUS	114
*216	A	1	M W	830-930 CUNHA	MUS	214
*216	B	1	T TH	830-930 CUNHA	MUS	214
219	A	2	T TH	113C-1230 CHAPPLE	MUS	126
*223	A	2	T TH	13C-230 BENSHOOF	MUS	114
*230	AA	2-3	*	* PIANO SIKI	* *	
*230	AB	2-3	*	* PIANO DE SILVA	* *	
*230	AC	2-3	*	* PIANO GEISSMAR	* *	
*230	AD	2-3	*	* PIANO HOKANSON	* *	
*230	AE	2-3	*	* PIANO MOORE	* *	

MUSIC - CONTINUED

*230	AF	2-3	*	* PIANO ODOAN	* *	
*230	AG	2-3	*	* PIANO ROSENTHAL	* *	
*230	BA	2-3	*	* VIOLIN-VIOLA ZETLIN	* *	
*230	BB	2-3	*	* VIOLIN-VIOLA SOKCL	* *	
*230	BC	2-3	*	* VIOLIN-VIOLA MC INNES	* *	
*230	CA	2-3	*	* VOICE HARRIS	* *	
*230	CB	2-3	*	* VOICE MESLER	* *	
*230	CC	2-3	*	* VOICE LISHNER	* *	
*230	CD	2-3	*	* VOICE BERGER	* *	
*230	CE	2-3	*	* VOICE GARRETSOHN	* *	
*230	DA	2-3	*	* VIOLONCELLO HEINITZ	* *	
*230	DB	2-3	*	* VIOLONCELLO	* *	
*230	EA	2-3	*	* DOUBLE BASS WARNER	* *	
*230	FA	2-3	*	* ORGAN EICHINGER	* *	
*230	GA	2-3	*	* FLUTE SKOWRONEK	* *	
*230	GB	2-3	*	* FLUTE	* *	
*230	HA	2-3	*	* OBOE STORCH	* *	
*230	IA	2-3	*	* CLARINET MC COLL	* *	
*230	IB	2-3	*	* CLARINET WELKE	* *	
*230	JA	2-3	*	* BASSOON GROSSMAN	* *	
*230	KA	2-3	*	* HORN WELKE	* *	
*230	KB	2-3	*	* HORN LEUEA	* *	
*230	LA	2-3	*	* TRUMPET WELKE	* *	
*230	LB	2-3	*	* TRUMPET COLE	* *	
*230	MA	2-3	*	* TROMBONE DEMPSTER	* *	
*230	NA	2-3	*	* TUBA	* *	
*230	DA	2-3	*	* HARP VOKCLEK	* *	
*230	PA	2-3	*	* TIMPANI-PERC BERGAMO	* *	
*230	QA	2-3	*	* HARPSICHORD DE SILVA	* *	
*230	RA	2-3	*	* VIOL DA GAMBA HEINITZ	* *	
*230	SA	2-3	*	* NONWEST INSTR	* *	
*230	SB	2-3	*	* NONWEST INSTR	* *	
*230	SC	2-3	*	* NONWEST INSTR	* *	
*230	SC	2-3	*	* NONWEST INSTR	* *	

MUSIC - CONTINUED

*230	TA	2-3	*	* SAXOPHONE POPE	*	*
*236	A	1		WITH 216 A		
*240	A	1	M W F	23C-330 WELKE	MUS	035
*246	A	1	M W	83C-930 WELKE	MUS	021
*250	AA	3-4	*	* PIANO SIKI	*	*
*250	AB	3-4	*	* PIANO DE SILVA	*	*
*250	AC	3-4	*	* PIANO GEISSMAR	*	*
*250	AC	3-4	*	* PIANO HOKANSON	*	*
*250	AE	3-4	*	* PIANO MOORE	*	*
*250	AF	3-4	*	* PIANO ODDAN	*	*
*250	BA	3-4	*	* VIOLIN-VIOLA ZETLIN	*	*
*250	BB	3-4	*	* VIOLIN-VIOLA SOKCL	*	*
*250	BC	3-4	*	* VIOLIN-VIOLA MC INNES	*	*
*250	CA	3-4	*	* VOICE HARRIS	*	*
*250	CB	3-4	*	* VOICE MESLER	*	*
*250	CC	3-4	*	* VOICE LISHNER	*	*
*250	CC	3-4	*	* VOICE BERGER	*	*
*250	CE	3-4	*	* VOICE GARRETSON	*	*
*250	DA	3-4	*	* VIOLONCELLO HEINITZ	*	*
*250	DB	3-4	*	* VIOLONCELLO	*	*
*250	EA	3-4	*	* DOUBLE BASS WARNER	*	*
*250	FA	3-4	*	* ORGAN EICHINGER	*	*
*250	GA	3-4	*	* FLUTE SKORNEK	*	*
*250	GB	3-4	*	* FLUTE	*	*
*250	HA	3-4	*	* OBOE STORCH	*	*
*250	IA	3-4	*	* CLARINET MC COLL	*	*
*250	IB	3-4	*	* CLARINET WELKE	*	*
*250	JA	3-4	*	* BASSOON GROSSMAN	*	*
*250	KA	3-4	*	* HORN WELKE	*	*
*250	KB	3-4	*	* HORN LEUBA	*	*
*250	LA	3-4	*	* TRUMPET WELKE	*	*
*250	LB	3-4	*	* TRUMPET COLE	*	*

MUSIC - CONTINUED

*250	MA	3-4	*	* TROMBONE DEMFSTER	*	*
*250	NA	3-4	*	* TUBA	*	*
*250	OA	3-4	*	* HARP VOKCLEK	*	*
*250	PA	3-4	*	* TIMPANI-PERC BERGAMO	*	*
*250	QA	3-4	*	* HARPSICHORD DE SILVA	*	*
*250	RA	3-4	*	* NONWEST INSTR HEINITZ	*	*
*250	TA	3-4	*	* SAXOPHONE POPE	*	*
*256	A	1	T TH	123C-130 BERGAMO	MUS	035
*266	A	1	T TH	83C COLE	MUS	021
*284	A	1	M W	113C-1230 CHAFFLE	MUS	035
*291	A	2	*	*	*	*
	AN LB			WITH 191AN		
300	A	1		WITH 100		
*303	A	3	D	23C-330 BABE	MUS	223
*309	A	2	T TH	93C-1030 SMITH	MUS	213
*316	A	5	MTW F	113C-1230 GARFIAS	MUS	213
†	AN LB		TH	83C-930	MUS	213
†	AG LB		TH	113C-1230	MUS	213
†	AP LB		TH	123C-130	MUS	213
†	AQ LB		W	930-1030	MUS	213
*323	A	3	M W F	113C-1230 CASTIGLIONI	*	*
*330	AA	2-3	*	* PIANO SIKI	*	*
*330	AB	2-3	*	* PIANO DE SILVA	*	*
*330	AC	2-3	*	* PIANO GEISSMAR	*	*
*330	AD	2-3	*	* PIANO HOKANSON	*	*
*330	AE	2-3	*	* PIANO MOORE	*	*
*330	AF	2-3	*	* PIANO ODDAN	*	*
*330	AG	2-3	*	* PIANO ROSENTHAL	*	*
*330	BA	2-3	*	* VIOLIN-VIOLA ZETLIN	*	*
*330	BB	2-3	*	* VIOLIN-VIOLA SOKCL	*	*
*330	BC	2-3	*	* VIOLIN-VIOLA MC INNES	*	*
*330	CA	2-3	*	* VOICE HARRIS	*	*
*330	CB	2-3	*	* VOICE MESLER	*	*
*330	CC	2-3	*	* VOICE LISHNER	*	*

MUSIC - CONTINUED

*330	CD	2-3	*	* VOICE BERGER	* *	
*330	CE	2-3	*	* VOICE GARRETSON	* *	
*330	DA	2-3	*	* VIOLONCELLO HEINITZ	* *	
*330	DB	2-3	*	* VIOLONCELLG	* *	
*330	EA	2-3	*	* DOUBLE BASS WARNER	* *	
*330	FA	2-3	*	* ORGAN EICHINGER	* *	
*330	GA	2-3	*	* FLUTE SKOWRONEK	* *	
*330	GB	2-3	*	* FLUTE	* *	
*330	HA	2-3	*	* OBOE STORCH	* *	
*330	IA	2-3	*	* CLARINET MC COLL	* *	
*330	IB	2-3	*	* CLARINET WELKE	* *	
*330	JA	2-3	*	* BASSOON GROSSMAN	* *	
*330	KA	2-3	*	* HORN WELKE	* *	
*330	KB	2-3	*	* HORN LEUBA	* *	
*330	LA	2-3	*	* TRUMPET WELKE	* *	
*330	LB	2-3	*	* TRUMPET COLE	* *	
*330	MA	2-3	*	* TROMBONE DEMPSTER	* *	
*330	NA	2-3	*	* TUBA	* *	
*330	OA	2-3	*	* HARP VOKCLEK	* *	
*330	PA	2-3	*	* TIMPANI-PERC BERGAMO	* *	
*330	QA	2-3	*	* HARPSICHORD DE SILVA	* *	
*330	RA	2-3	*	* VIOL DA GAMBA HEINITZ	* *	
*330	SA	2-3	*	* NONWEST INSTR	* *	
*330	SB	2-3	*	* NONWEST INSTR	* *	
*330	SC	2-3	*	* NONWEST INSTR	* *	
*330	SD	2-3	*	* NONWEST INSTR	* *	
*330	TA	2-3	*	* SAXOPHONE POPE	* *	
*333	A	2	T TH	93C-1030 BABE	MUS	212
*336	A	2	M W	23C-330 ODOAN	* *	
*339	A	1	T	33C-530 HOKANSON	* *	
*339	C	1	T TH	13C-230 KUCHUNAS	* *	
*339	F	1	*	* EICHINGER	* *	
*340	A	1		WITH 140		
*341	A	2	TH	123C-230 DE SILVA	MUS	301

MUSIC - CONTINUED

*344	A	3	D	83C-930 SWANSON	MUS	313
349	A	3	M W F	93C-1030 POPE	MUS	126
349	B	3	M W F	113C-1230 SMITH	MUS	126
*350	AA	3-4	*	* PIANO SIKI	* *	
*350	AB	3-4	*	* PIANO DE SILVA	* *	
*350	AC	3-4	*	* PIANO GEISSMAR	* *	
*350	AD	3-4	*	* PIANO HOKANSON	* *	
*350	AE	3-4	*	* PIANO MOORE	* *	
*350	AF	3-4	*	* PIANO ODOAN	* *	
*350	BA	3-4	*	* VIOLIN-VIOLA ZETLIN	* *	
*350	BB	3-4	*	* VIOLIN-VIOLA SOKCL	* *	
*350	BC	3-4	*	* VIOLIN-VIOLA MC INNES	* *	
*350	CA	3-4	*	* VOICE HARRIS	* *	
*350	CB	3-4	*	* VOICE MESLER	* *	
*350	CC	3-4	*	* VOICE LISHNER	* *	
*350	CD	3-4	*	* VOICE BERGER	* *	
*350	CE	3-4	*	* VOICE GARRETSON	* *	
*350	DA	3-4	*	* VIOLONCELLO HEINITZ	* *	
*350	DB	3-4	*	* VIOLONCELLO	* *	
*350	EA	3-4	*	* DOUBLE BASS WARNER	* *	
*350	FA	3-4	*	* ORGAN EICHINGER	* *	
*350	GA	3-4	*	* FLUTE SKOWRONEK	* *	
*350	GB	3-4	*	* FLUTE	* *	
*350	HA	3-4	*	* OBOE STORCH	* *	
*350	IA	3-4	*	* CLARINET MC COLL	* *	
*350	IB	3-4	*	* CLARINET WELKE	* *	
*350	JA	3-4	*	* BASSOON GROSSMAN	* *	
*350	KA	3-4	*	* HORN WELKE	* *	
*350	KB	3-4	*	* HORN LEUBA	* *	
*350	LA	3-4	*	* TRUMPET WELKE	* *	
*350	LB	3-4	*	* TRUMPET COLE	* *	
*350	MA	3-4	*	* TROMBONE DEMPSTER	* *	
*350	NA	3-4	*	* TUBA	* *	

MUSIC - CONTINUED

#350	OA	3-4	*	* HARP VOKCLEK	*	*	
#350	PA	3-4	*	* TIMPANI-PERC BERGAMO	*	*	
#350	QA	3-4	*	* HARPSICHORD DE SILVA	*	*	
#350	RA	3-4	*	* VIOL DA GAMBA HEINITZ	*	*	
#350	TA	3-4	*	* SAXOPHONE POPE	*	*	
#351	A	1	*	*	*	*	
#360	A	1		WITH 160			
370	A	1		WITH 170			
#371	A	1	M	33C-530 GEISSMAR	MUS	212	
#372	A	1		WITH 172			
#373	A	1		WITH 173			
#374	A	1		WITH 174			
#375	A	1		WITH 175			
#376	A	1		WITH 176			
#380	A	1	M F	33C-530 KUCHUNAS	MUS	015	
#386A	AA	1	T TH	113C-1230 WELKE	MUS	035	
#386B	BA	1	T TH	113C-1230 EICHENBERGER	MUS	114	
#390	A	1		WITH 190			
#391	A	2	*	*	*	*	
	AN LB			WITH 191AN			
#400	A	1		WITH 200			
#407	A	3	T	103C-1230 HARPAN	MUS	116	
#422	A	3	M W F	103C-1130 VERRALL	MUS	223	
#422 H	B	3		WITH 422 A			
427	A	3	M W F	93C-1030 TERRY	MUS	116	
#430	AA	2-3	*	* PIANO SIKI	*	*	
#430	AB	2-3	*	* PIANO DE SILVA	*	*	
#430	AC	2-3	*	* PIANO GEISSMAR	*	*	
#430	AD	2-3	*	* PIANO HOKANSON	*	*	
#430	AE	2-3	*	* PIANO MOORE	*	*	
#430	AF	2-3	*	* PIANO ODOAN	*	*	
#430	AG	2-3	*	* PIANO ROSENTHAL	*	*	
#430	BA	2-3	*	* VIOLIN-VIOLA ZETLIN	*	*	
#430	BB	2-3	*	* VIOLIN-VIOLA SOKCL	*	*	
#430	BC	2-3	*	* VIOLIN-VIOLA MC INNES	*	*	

MUSIC - CONTINUED

#430	CA	2-3	*	* VOICE HARRIS	*	*	
#430	CB	2-3	*	* VOICE MESLER	*	*	
#430	CC	2-3	*	* VOICE LISPNER	*	*	
#430	CD	2-3	*	* VOICE BERGER	*	*	
#430	CE	2-3	*	* VOICE GARRETSON	*	*	
#430	DA	2-3	*	* VIOLONCELLO HEINITZ	*	*	
#430	DB	2-3	*	* VIOLONCELLO	*	*	
#430	EA	2-3	*	* DOUBLE BASS WARNER	*	*	
#430	FA	2-3	*	* ORGAN EICHINGER	*	*	
#430	GA	2-3	*	* FLUTE SKORNEK	*	*	
#430	GB	2-3	*	* FLUTE	*	*	
#430	HA	2-3	*	* OBOE STORCH	*	*	
#430	IA	2-3	*	* CLARINET MC COLL	*	*	
#430	IB	2-3	*	* CLARINET WELKE	*	*	
#430	JA	2-3	*	* BASSOON GROSSMAN	*	*	
#430	KA	2-3	*	* HORN WELKE	*	*	
#430	KB	2-3	*	* HORN LEUBA	*	*	
#430	LA	2-3	*	* TRUMPET WELKE	*	*	
#430	LB	2-3	*	* TRUMPET COLE	*	*	
#430	MA	2-3	*	* TROMBONE DEMFFSTER	*	*	
#430	NA	2-3	*	* TUBA	*	*	
#430	OA	2-3	*	* HARP VOKCLEK	*	*	
#430	PA	2-3	*	* TIMPANI-PERC BERGAMO	*	*	
#430	QA	2-3	*	* HARPSICHORD DE SILVA	*	*	
#430	RA	2-3	*	* VIOL DA GAMBA HEINITZ	*	*	
#430	SA	2-3	*	* NONWEST INSTR	*	*	
#430	SB	2-3	*	* NONWEST INSTR	*	*	
#430	SC	2-3	*	* NONWEST INSTR	*	*	
#430	SD	2-3	*	* NONWEST INSTR	*	*	
#430	TA	2-3	*	* SAXOPHONE POPE	*	*	
440	A	1		WITH 240			
#450	AA	3-4	*	* PIANO SIKI	*	*	
#450	AB	3-4	*	* PIANO DE SILVA	*	*	
#450	AC	3-4	*	* PIANO GEISSMAR	*	*	

MUSIC - CONTINUED

*450	AC	3-4	*	* PIANO HOKANSON	*	*
*450	AE	3-4	*	* PIANO MOORE	*	*
*450	AF	3-4	*	* PIANO ODDAN	*	*
*450	BA	3-4	*	* VIOLIN-VIOLA ZETLIN	*	*
*450	BE	3-4	*	* VIOLIN-VIOLA SOKCL	*	*
*450	BC	3-4	*	* VIOLIN-VIOLA MC INNES	*	*
*450	CA	3-4	*	* VOICE HARRIS	*	*
*450	CB	3-4	*	* VOICE MESLER	*	*
*450	CC	3-4	*	* VOICE LISHNER	*	*
*450	CC	3-4	*	* VOICE BERGER	*	*
*450	CE	3-4	*	* VOICE GARRETSON	*	*
*450	DA	3-4	*	* VIOLONCELLO HEINITZ	*	*
*450	DB	3-4	*	* VIOLONCELLO	*	*
*450	EA	3-4	*	* DOUBLE BASS WARNER	*	*
*450	FA	3-4	*	* ORGAN EICHINGER	*	*
*450	GA	3-4	*	* FLUTE SKORONEK	*	*
*450	GB	3-4	*	* FLUTE	*	*
*450	HA	3-4	*	* OBOE STORCH	*	*
*450	IA	3-4	*	* CLARINET MC COLL	*	*
*450	IB	3-4	*	* CLARINET WELKE	*	*
*450	JA	3-4	*	* BASSOON GROSSMAN	*	*
*450	KA	3-4	*	* HORN WELKE	*	*
*450	KB	3-4	*	* HORN LEUBA	*	*
*450	LA	3-4	*	* TRUMPET WELKE	*	*
*450	LB	3-4	*	* TRUMPET COLE	*	*
*450	MA	3-4	*	* TROMBONE DEMFFSTER	*	*
*450	NA	3-4	*	* TUBA	*	*
*450	OA	3-4	*	* HARP VOKCLEK	*	*
*450	PA	3-4	*	* TIMPANI-PERC BERGAMO	*	*
*450	QA	3-4	*	* HARPSICHORD DE SILVA	*	*
*450	RA	3-4	*	* VIOL DA GAMBA HEINITZ	*	*
*450	TA	3-4	*	* SAXOPHONE POPE	*	*
*451	A	1	*	*	*	*

MUSIC - CONTINUED

*453	A	3	M W F	113C-1230 KECHLEY	MUS	216
*460	A	1	F	43C-600 CHAPPLE	*	*
*470	A	1		WITH 170		
*474	A	2	T TH	23C-330 NGRWANN	MUS	313
*479	A	3	TH	103C-1230 TERRY	MUS	116
*480	A	1		WITH 380		
*481	A	3	M W F	23C-330 BENSHOOF	MUS	219
*481	H B	3		WITH 481 A		
489	A	3	M W F	103C-1130 TROY	MUS	116
*490	A	1	M	33C-530 HEINITZ, KIND	*	*
*491	A	2	*	*	*	*
	AN LB			WITH 191AN		
*492	A	1	W F	123C-230 SMITH, CASTIGLIONI	MUS	015
*499	A	*	*	*	*	*
*499	H B	*	*	*	*	*
500	A	3	F	13C-330 IRVINE	MUS	116
*503	A	3	M	23C-430 BERGMA	MUS	116
*503	B	3	W	13C-330 BEALE	MUS	116
*507	A	3	F	113C-130 HARMAN	MUS	116
*508	A	3	M	113C-130	MUS	116
*509	A	3	TH	13C-330 IRVING	MUS	116
*512	A	3	W	33C-530 KAUFFMAN	MUS	116
524	A	3	M	33C-530 SWANSON	MUS	313
*545	A	3	T	930-1130 CARLSEN	*	*
*547	A	3	T	13C-330 CLARKE	MUS	116
*550	AA	3	*	* PIANO SIKI	*	*
*550	AB	3	*	* PIANO DE SILVA	*	*
*550	AC	3	*	* PIANO GEISSMAR	*	*
*550	AD	3	*	* PIANO HOKANSON	*	*
*550	AE	3	*	* PIANO MOORE	*	*
*550	AF	3	*	* PIANO ODDAN	*	*
*550	BA	3	*	* VIOLIN-VIOLA ZETLIN	*	*
*550	BB	3	*	* VIOLIN-VIOLA SOKCL	*	*
*550	BC	3	*	* VIOLIN-VIOLA MC INNES	*	*

MUSIC - CONTINUED

#550	CA	3	*	* VOICE HARRIS	*	*
#550	CB	3	*	* VOICE MESLER	*	*
#550	CC	3	*	* VOICE LISHNER	*	*
#550	CD	3	*	* VOICE BERGER	*	*
#550	CE	3	*	* VOICE GARRETSON	*	*
#550	DA	3	*	* VIOLONCELLO HEINITZ	*	*
#550	DB	3	*	* VIOLONCELLO	*	*
#550	EA	3	*	* DOUBLE BASS WARNER	*	*
#550	FA	3	*	* ORGAN EICHINGER	*	*
#550	GA	3	*	* FLUTE SKOWRONEK	*	*
#550	GB	3	*	* FLUTE	*	*
#550	HA	3	*	* OBOE STORCH	*	*
#550	IA	3	*	* CLARINET MC COLL	*	*
#550	IB	3	*	* CLARINET WELKE	*	*
#550	JA	3	*	* BASSOON GROSSMAN	*	*
#550	KA	3	*	* HORN WELKE	*	*
#550	KB	3	*	* HORN COLE	*	*
#550	LA	3	*	* TRUMPET WELKE	*	*
#550	LB	3	*	* TRUMPET COLE	*	*
#550	MA	3	*	* TROMBONE DEMPSTER	*	*
#550	NA	3	*	* TUBA	*	*
#550	OA	3	*	* HARP VOKOLEK	*	*
#550	PA	3	*	* TIMPANI-PERC BERGAMO	*	*
#550	QA	3	*	* HARPSICHORD DE SILVA	*	*
#550	RA	3	*	* VIOL DA GAMBA HEINITZ	*	*
#550	TA	3	*	* SAXOPHONE POPE	*	*
#566	A	4/6	*	* KUCHUNAS	*	*
#586	A	2	T TH	130-330 CHAPPLE	MUS	035
#590	B	3-9	*	*	*	*
#591	A	*	*	*	*	*
	AN LB			WITH 191AN		
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

OCEANOGRAPHY

101	A	5	MTWT	230-330 BENNETT	*	*
	AA QZ		F	830-930	OCN	209
	AB QZ		W	930-1030	OCN	209
	AC QZ		TH	930-1030	OCN	209
	AD QZ		F	930-1030	OCN	209
	AE QZ		W	1030-1130	OCN	209
	AF QZ		TH	1030-1130	OCN	209
	AG QZ		F	1030-1130	OCN	209
	AH QZ		F	1130-1230	OCN	209
	AI QZ		W	1230-130	OCN	209
	AJ QZ		TH	1230-130	OCN	209
	AK QZ		F	1230-130	OCN	209
	AL QZ		F	130-230	OCN	209
	AM QZ		F	230-330	OCN	209
	BA QZ		F	330-430	OCN	209
101	U	5	M W	700-910 PM	*	*
101	V	5	T TH	700-910 PM	*	*
101	W	5	T TH	700-910 PM	*	*
112	A	1	F	930-1030 FLEMING	*	*
203	A	5	MTWTH	730-830 STAFF	OCB	101
	AN LB		M	130-430	OCN	209
	AO LB		T	130-430	OCN	209
	AP LB		W	130-430	OCN	209
	AQ LB		TH	130-430	OCN	209
#280	H A	5	MTWT	1030-1130	*	*
	H AN LB		M	130-430	OCN	209
360	A	3	T TH	830-930	OCN	209
	AN LB		M	130-430 TAYLOR	OCB	201
411	A	3	W F	930-1030 LARSEN	OCN	205
	AA QZ		M	930-1030	OCN	205
	AN LB		M	230-430	OCN	205
	AO LB		TH	230-430	OCN	205
412	A	3	T TH	1030-1130 COACHMAN	OCN	205
	AN LB		W	130-430	OCN	205
	AO LB		T	230-530	OCN	205
#423	ZN	2	T TH	730-1030	OCN	309
#423	ZO	2	T TH	230-530	OCN	309
435	A	3	M WT	130-230 BANSE	*	*
443	A	2	T TH	930-1030 FLEMING	*	*
452	A	5	M W F	830-930 SMITH	*	*
	AN LB		TH	230-430 SMITH	OCN	306

OCEANOGRAPHY - CONTINUED

* 457	A	3	*	*	*	*		
				STERNBERG				
* 460	A	1	*	*	*	*		
				BENNETT				
* 461	A	1-5	*	*	*	*		
				BENNETT				
* 480	H A	6	*	*	*	*		
* 488	H A	2-6	*	*	*	*		
* 489	H A	1-6	*	*	*	*		
* 499	A	1-3	*	*	*	*		
513	A	4	M W F	83C-930 CRIPINALE	CCN	205		
	AA	QZ	TH	230-330				
* 514	A	1	*	*	*	*		
* 518	A	*	*	*	*	*		
				CRIPINALE				
520	A	*	W	430-530 BROENKOW	*	*		
* 521	A	*	*	*	*	*		
				RICHARDS				
* 523	A	1-4	*	*	*	*		
				RICHARDS				
* 530	A	3	TH	1230-130 ANDERSON	*	*		
	AN	LB	T	130-430	*	*		
	AO	LB	F	130-430	*	*		
* 531	A	*	*	*	*	*		
* 536	A	3	*	*	*	*		
				TAYLOR				
	AN	LB	*	*	*	*		
* 538	A	2	*	*	*	*		
				LIE				
* 540	A	1-3	*	*	*	*		
				KELLEY				
548	A	1-4	*	*	*	*		
* 550	A	*	*	*	*	*		
551	A	2	*	*	*	*		
				MC MANUS				
553	A	2	*	*	*	*		
				CARPENTER				
555	A	3	*	*	*	*		
				CARPENTER				
* 556	A	*	*	*	*	*		
				CREAGER				
* 561	A	3	*	*	*	*		
				SMITH				
* 600	A	*	*	*	*	*		
* 700	A	*	*	*	*	*		
* 702	A	3	*	*	*	*		
PHILOSOPHY								
100	A	5	M W F	930-1030 MARKS	PAR	110		
	AA	QZ	T TH	830-930	PAR	306		
	AB	QZ	T TH	830-930	PAR	221		
	AC	QZ	T TH	930-1030	PAR	309		
	AD	QZ	T TH	930-1030	PAR	206		
	AE	QZ	T TH	1030-1130	PAR	222		

PHILOSOPHY - CONTINUED

	AF	QZ	T TH	1230-130	PAR	206		
100	B	5	M W F	1130-1230 BOLER	*	*		
	BA	QZ	T TH	1030-1130	PAR	309		
	BB	QZ	T TH	1130-1230	*	*		
	BC	QZ	T TH	1130-1230	*	*		
	BD	QZ	T TH	1130-1230	PAR	309		
	BE	QZ	T TH	1130-1230	SAV	132		
	BF	QZ	T TH	1130-1230	PAR	212		
	BG	QZ	T TH	1230-130	PAR	221		
	BH	QZ	T TH	1230-130	PAR	309		
	BI	QZ	T TH	1230-130	*	*		
	BJ	QZ	T TH	1230-130	*	*		
	BK	QZ	T TH	230-330	GEB	227		
	BL	QZ	T TH	230-330	*	*		
100	D	5	M W F	130-230 MOULTON	PAR	306		
	DA	QZ	T TH	1230-130	*	*		
	DB	QZ	T TH	1230-130	*	*		
	DC	QZ	T TH	130-230	GEB	222		
	DD	QZ	T TH	130-230	PAR	206		
	DE	QZ	T TH	130-230	GEB	227		
	DF	QZ	T TH	130-230	PAR	309		
	DG	QZ	T TH	230-330	PAR	206		
	DH	QZ	T TH	230-330	PAR	309		
110	A	5	MTWTH	830-930 SMITH	PAR	106		
	AA	QZ	F	830-930	PAR	221		
	AB	QZ	F	1030-1130	PAR	309		
	AC	QZ	F	1230-130	SAV	132		
	AD	QZ	F	230-330	SAV	132		
120	A	5	M W F	830-930 SMALL	PAR	110		
	AA	QZ	T TH	830-930	*	*		
	AB	QZ	T TH	830-930	PAR	309		
	AC	QZ	T TH	830-930	*	*		
	AD	QZ	T TH	1230-130	*	*		
	AE	QZ	T TH	1230-130	PAR	222		
	AF	QZ	T TH	1230-130	THO	211		
120	B	5	M W F	230-330 CHATEAUBRIAND	PAR	106		
	BA	QZ	T TH	830-930	*	*		
	BB	QZ	T TH	1230-130	*	*		
	BC	QZ	T TH	1230-130	*	*		
	BD	QZ	T TH	130-230	PAR	222		
	BE	QZ	T TH	230-330	DEN	217		
	BF	QZ	T TH	230-330	DEN	307		
120	U	5	M W	700-920 PM MC CLURE	PAR	106		

PHILOSOPHY - CONTINUED

PHYSICAL EDUCATION-MEN - CONTINUED

*200	H	A	5	D	230-330 DUFF	DEN	316
230	A		2	T TH	1130-1230 HODGE	PAR	106
230	U		2	T	700-850 PM HODGE	PAR	106
267	A		5	D	130-230 CHAMBLESS	PAR	110
*280	H	A	2	W	330-530 CHAMBLESS	PAR	309
347	A		3	M W F	930-1030 JESSUP	PAR	309
421	A		3	M W F	230-330 BOLER	PAR	206
431	A		3	M W F	1130-1230 CLATTERBAUGH	PAR	306
436	A		3	M W F	130-230 LENZ	PAR	106
439	A		3	M W F	1230-130 MARKS	PAR	309
445	A		5	D	1030-1130 MOULTON	* *	
447	A		3	M W F	1130-1230 JESSUP	PAR	212
450	A		3	M W F	1030-1130 RICHMAN	PAR	306
458	A		3	M W F	230-330 VON KROSIGK	PAR	309
460	A		5	D	930-1030 CLATTERBAUGH	PAR	306
467	A		5	D	930-1030 DIETRICHSON	PAR	401
469	A		3	M W F	1230-130 VON KROSIGK	PAR	106
470	A		5	D	130-230 NIEMI	* *	
474	A		3	M W F	1130-1230 CHATEAUBRIAND	* *	
*484	A		1-4	*	*	* *	
514	A		3	M	330-530 SMITH	PAR	222
520	A		3	T	330-530 LENZ	PAR	221
526	A		3	W	330-530 MISHALANI	PAR	222
556	A		3	TH	330-530 DIETRICHSON	PAR	221
*584	A		1-4	*	*	* *	
*600	A		1-6	*	*	* *	
*700	A		*	*	*	* *	

PHYSICAL EDUCATION-MEN

105	A		1	T TH	230-330 HUGHES	CNH	*
105	B		1	F	1030-1230 HUGHES	CNH	*
106	A		1	M W	730-830	IMA	*
106	B		1	T TH	730-830	IMA	*
106	C		1	M W	830-930	IMA	*
106	D		1	M W	930-1030	IMA	*
106	E		1	M W	1030-1130	IMA	*

106	F		1	T TH	1130-1230	IMA	*
107	A		1	M W	830-930	IMA	*
107	B		1	M W	930-1030	IMA	*
107	C		1	T TH	930-1030	IMA	*
107	D		1	M W	1030-1130	IMA	*
108	A		1	M W	730-830	IMA	*
108	B		1	M W	830-930	IMA	*
108	C		1	T TH	830-930	IMA	*
108	D		1	T TH	930-1030	IMA	*
108	E		1	M W	1030-1130	IMA	*
108	F		1	T TH	1030-1130	IMA	*
108	G		1	M W	1130-1230	IMA	*
108	H		1	F	730-930	IMA	*
108	I		1	F	1030-1230	IMA	*
109	A		1	T TH	1030-1130	IMA	*
109	B		1	M W	1130-1230	IMA	*
109	C		1	T TH	1130-1230	IMA	*
109	D		1	T TH	1230-130	IMA	*
109	E		1	T TH	230-330	IMA	*
110	A		1	T TH	730-830 HUEY	GDR	*
110	B		1	T TH	830-930 HUEY	GDR	*
110	C		1	T TH	930-1030 HUEY	GDR	*
110	D		1	W F	1030-1130 HUEY	GDR	*
110	E		1	W F	1130-1230 HUEY	GDR	*
111	A		1	T TH	930-1030	IMA	*
114	A		1	T TH	1030-1130	IMA	*
114	B		1	M W	1130-1230	IMA	*
115	A		1	T TH	1030-1130	EDP	*
115	B		1	T TH	230-330	EDP	*
117	A		1	M W	1030-1130	IMA	*
117	B		1	T TH	1130-1230	IMA	*
118	A		1	M W	830-930	IMA	*
118	B		1	T TH	830-930	IMA	*
118	C		1	T TH	1130-1230	IMA	*
120	A		1	M W	830-930	IMA	*
120	B		1	T TH	830-930	IMA	*
121	A		1	M W	1030-1130	IMA	*
121	B		1	M W	1230-130	IMA	*
121	C		1	M W	230-330	IMA	*
123	A		1	T TH	830-930	IMA	*
123	B		1	T TH	930-1030	IMA	*
123	C		1	T TH	1030-1130	IMA	*
123	D		1	T TH	1130-1230	IMA	*
123	E		1	T TH	1230-130	IMA	*
124	A		1	T TH	830-930	IMA	*

‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

PHYSICAL EDUCATION-MEN - CONTINUED

125	A	1		WITH PE W 123 A		
127	A	1	T TH	730-830	HUB	*
127	B	1	T TH	830-930	HUB	*
127	C	1	T TH	930-1030	HUB	*
127	D	1	T TH	1030-1130	HUB	*
128	A	1	M W	730-830	IMA	*
128	B	1	T TH	730-830	IMA	*
128	C	1	M W	830-930	IMA	*
128	D	1	T TH	830-930	IMA	*
128	E	1	T TH	930-1030	IMA	*
129	A	1	T	230-430 PEEK	CNH	*
129	B	1	h	230-430 PEEK	CAH	*
131	A	1		WITH PE W 139 A		
131	B	1		WITH PE W 139 B		
132	A	1		WITH PE W 145 A		
138	A	1		WITH PE W 156 A		
*139	A	1		WITH PE W 152 A		
142	A	1	*	* GELLERMANN	CRH	*
143	A	1	*	* OWENS	EDP	*
144	A	1	*	* SHANNON	EDP	*
146	A	1	*	* LEHMAN	EDP	*
*147	A	1	*	* QUILLIAN	EDP	*
*148	A	1	*	* BENNETT	GDR	*
150	A	1	*	* PEEK	EDP	*
151	A	1		WITH PE W 151 A		
152	A	1	*	* HUGHES	EDP	*
*153	A	1		WITH PE W 153 A		
154	A	1		WITH PE W 148 A		
155	A	1	M W F	230-500 SMITH	EDP	*
156	A	1	M W	1130-1230	EDP	*
157	A	1	M W	830-930	EDP	*
157	B	1	T TH	830-930	EDP	*
157	C	1	M W	930-1030	EDP	*
157	D	1	T TH	1030-1130	EDP	*
157	E	1	T TH	130-230	EDP	*
157	F	1	F	130-330	EDP	*
159	A	1	M W	1030-1130	EDP	*
159	B	1	T TH	1130-1230	EDP	*
160	A	1	F	1030-1230	EDP	*

PHYSICAL EDUCATION-MEN - CONTINUED

161	A	1	T TH	930-1030	EDP	*
161	B	1	M W	130-230	EDP	*
*166	A	2	D	130-230 HENDERSHOTT	TGB	105
208	A	1	T TH	730-830	IMA	*
208	B	1	M W	930-1030	IMA	*
208	C	1	T TH	1130-1230	IMA	*
217	A	1	T	330-530 KATO	IMA	*
217	B	1	TH	330-530 KATO	IMA	*
227	A	1	T TH	1130-1230	HUB	*
238	A	1		WITH PE W 157 A		
239	A	1		WITH PE W 158 A		
242	A	1	*	* ERICKSON	CRH	*
243	A	1	*	* OWENS	EDP	*
244	A	1	*	* SHANNON	EDP	*
246	A	1	*	* LEHMAN	EDP	*
*247	A	1	*	* QUILLIAN	EDP	*
*248	A	1	*	* BENNETT	GDR	*
250	A	1	*	* PEEK	EDP	*
252	A	1	*	* HUGHES	EDP	*
255	A	1	M W F	230-500 SMITH	EDP	*
266	A	2	D	130-230	EDP	305
293	A	3	M W F	830-930 MEN & WOMEN MILLS	TGB	105
295	A	2	MTWT	230-330 BUCKLEY	*	*
336	A	2	T TH	1130-1230 MARTY	TGB	105
340	A	3	M W F	1030-1130 STEVENS	EDP	305
363	A	2	MTWT	130-230 PEEK	EDP	302
364	A	2	MTWT	230-330 TORNEY	TGB	105
*370	A	2	TH	700-930 PM THOMPSON	TGB	105
*372	A	2	M W F	930-1030 LEHMAN	TGB	105
435	A	3	TH	430-630 HENDERSHOTT	EDP	305
480	A	3		SEE PE W		
493	A	3	M W F	1130-1230 TORNEY	EDP	305
● 590	A	3	W	430-630 * TORNEY	EDP	302 *
● 591	A	2	*	*	*	*
600	A	2-5	*	*	*	*
700	A	4	*	*	*	*

DANCE MEN

283 A 2 SEE DNC W
 309 A 2 SEE DNC W

HEALTH EDUCATION-MEN

250 A 2 SEE H ED W
 291 A 3 M W F 1130-1230 TGB 105
 MEN & WOMEN
 MILLS
 292 A 2 M W F 830-930 EDP 305
 HENDERSHOTT
 454 A 2-3 SEE H ED W
 481J A 3 WITH
 H ED W 481J
 498 A 2-6 SEE H ED W

RECREATION EDUCATION-MEN

254 A 3 F 230-330 EDP 302
 MEN & WOMEN
 HOVIS
 334 A 2 T TH 1030-1130 EDP 302
 MEN & WOMEN
 KUNDE
 344 A 3 M W F 1130-1230 EDP 302
 KUNDE
 354 A 3 W 230-330 EDP 305
 MEN & WOMEN
 HOVIS
 374 A 2 W 230/430 EDP 305
 KUNDE
 *454 A 6 M 230-330 EDP 305
 HOVIS
 504 A 3 M 430-630 EDP 302
 MEN & WOMEN
 KUNDE

PHYSICAL EDUCATION-WOMEN

101 A 1 T TH 1030-1130 HUT 116
 101 B 1 M W 1130-1230 HUT 116
 101 C 1 T TH 1130-1230 HUT 116
 101 D 1 M W 130-230 HUT 116
 101 E 1 T TH 130-230 HUT 116
 101 F 1 T TH 230-330 HUT 116
 101 G 1 M W 230-330 HUT 116
 101 H 1 T TH 330-430 HUT 116
 104 A 1 T TH 830-930 HUT 201
 105 A 1 F 130-330 HUT 201
 107 A 1 M W 1230-130 HUB *
 107 B 1 T TH 1230-130 HUB *
 107 C 1 M W 130-230 HUB *
 107 D 1 T TH 130-230 HUB *
 108 A 1 M W 1030-1130 HUB *
 110 A 1 T TH 130-230 HUT 127
 110 B 1 T TH 430-530 HUT 127
 111 A 1 T TH 1230-130 HUT 127
 113 A 1 W F 730-830 GDR *

PHYSICAL EDUCATION-WOMEN - CONTINUED

113 B 1 W F 830-930 GDR *
 113 C 1 W F 930-1030 GDR *
 113 D 1 T TH 1130-1230 GDR *
 116 A 1 W 230-500 * *
 EASTERN
 116 B 1 W 230-500 * *
 WESTERN
 117 A 1 T 230-500 * *
 EASTERN
 117 B 1 T 230-500 * *
 WESTERN
 118 A 1 TH 230-500 * *
 EASTERN
 118 B 1 TH 230-500 * *
 WESTERN
 119 A 1 T 230-530 * *
 120 A 1 T 230-500 * *
 123 A 1 TH 400-1100 PM * *
 124 A 1 TH 400-1100 PM * *
 125 A 1 TH 400-1100 PM * *
 126 A 1 M W 830-930 HUT 201
 126 B 1 M W 1030-1130 HUT 201
 126 C 1 M W 1130-1230 HUT 201
 126 D 1 T TH 1130-1230 HUT 201
 127 A 1 F 1030-1230 HUT 201
 127 B 1 M W 130-230 HUT 201
 131 A 1 M W 730-830 HUT 201
 134 A 1 T TH 330-430 HUT 201
 139 A 1 T TH 930-1030 HUT 218
 COED
 139 B 1 T 1030-1230 HUT 218
 COED
 145 A 1 T TH 1230-130 HUT 218
 COED
 148 A 1 W F 430-530 HUT 218
 COED
 151 A 1 W F 330-430 HUT 218
 COED
 *152 A 1 T 130-330 HUT 218
 COED
 *153 A 1 TH 130-330 HUT 218
 COED
 156 A 1 F 930-1130 WLS *
 COED
 GREEN
 157 A 1 M 930-1130 AMY *
 COED
 GREEN
 158 A 1 W 930-1130 AMY *
 COED
 GREEN
 160 A 1 * * HUT 157
 161 A 1 T TH 1030-1130 HUT 157
 161 B 1 M W 130-230 HUT 157
 161 C 1 T TH 330-430 HUT 157
 162 A 1 M W 1030-1130 HUT 157
 162 B 1 M W 1230-130 HUT 157
 162 C 1 T TH 330-430 HUT 157
 163 A 1 T TH 930-1030 HUT 157

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

PHYSICAL EDUCATION-WOMEN - CONTINUED

163	B	1	T TH	1130-1230	HUT	157
164	A	1	M W	1130-1230	HUT	157
165	A	1	T TH	230-330	HUT	157
167	A	1	F	1030-1230	HUT	157
169	A	1	T TH	830-930	HUT	157
169	B	1	M W	230-330	HUT	157
171	A	1	M W	1030-1130	CNH	*
171	B	1	T TH	1030-1130	CNH	*
171	C	1	M W	1130-1230	CNH	*
171	D	1	T TH	1130-1230	CNH	*
171	E	1	M W	1230-130	CNH	*
171	F	1	T TH	1230-130	CNH	*
171	G	1	M W	130-230	CNH	*
171	H	1	T TH	130-230	CNH	*
180	A	1	W F	1030-1130	HUT	127
180	B	1	M W	1230-130	HUT	127
* 182	A	1	T TH	1130-1230	*	*
183	A	1	W F	330-430 330-430	HUT HUT	127 201
184	A	1	M W	130-230	HUT	127
184	B	1	M W	230-330	HUT	127
186	A	1	T TH	930-1030	HUT	127
186	B	1	M W	1130-1230	HUT	127
186	C	1	T TH	330-430	HUT	127
189	A	1	M W	230-330	HUT	201
201	A	2	T TH	1030-1230 KERR, PURDY	IMA	*
273	A	2	D	1230-130 FOX, KERR	HUT	201
284	A	1	M W F	930-1030 MAC LEAN	HUT	157
*295	A	2	M W	830-930 MAC LEAN	HUT	157
*295	B	2	T TH	1230-130 MAC LEAN	HUT	157
*295	C	2	T TH	130-230 MAC LEAN	HUT	157
* 332	A	3	T TH	930-1130 BROER, MILACEK, WILLS	HUT	201
* 333	A	3	T TH	930-1130 MILACEK, WILLS, BROER	HUT	211
366	A	0	*	* KIDWELL	*	*
375	A	4	T TH	130-330 PRUDY, WILLS, WALTZ	HUT	201
*438	A	3	TH	430-630 MILACEK	*	*
450	A	2	T TH	330-430 WILSON	*	*
*480	A	3	M W F	930-1030 MEN & WOMEN BROER	HUT	201
*498	A	2-3	*	*	*	*
*498 H	B	2-3	*	*	*	*
*499	A	2-3	*	*	*	*

PHYSICAL EDUCATION-WOMEN - CONTINUED

*499 H	B	2-3	*	*	*	*
*580	A	3	W	430-730 WILLS	HUT	301
*600	A	2-5	*	*	*	*
*700	A	*	*	*	*	*
DANCE WOMEN						
283	A	2	M W	1030-1230 MEN & WOMEN SKINNER	HUT	218
309	A	2	M W F	930-1030 MEN & WOMEN WILSON, PERRY	HUT	218
HEALTH EDUCATION-WOMEN						
250	A	2	T TH	930-1030 MEN & WOMEN BRANNAN	HUT	116
291	A	3		SEE H ED M		
292	A	2	M W F	1130-1230 MAC LEAN	HUT	211
*454	A	2-3	T	430-630 MEN & WOMEN BRANNAN	*	*
* #481J	A	3	T TH	1230-130 MEN & WOMEN BRANNAN, ABERNATHY	HUT	211
*498	A	2-6	*	* MEN & WOMEN ABERNATHY	*	*
508	A	3		SEE H ED M		
RECREATION EDUC-WOMEN						
254	A	3		SEE R ED M		
*344	A	3	M W F	230-330	HUT	211
354	A	3		SEE R ED M		
434	A	5		SEE R ED M		
*454	A	6	*	* KIDWELL	*	*
504	A	3		SEE R ED M		
PHYSICS						
112	A	4	MTW F	1030-1130 GERHART	PHY	320
114	A	4	MT TF	1030-1130 GLASS	PHY	314
115	A	4	MT TF	1230-130	PHY	314
116	A	4	MT TF	930-1030 SCHMIDT	PHY	334
116	B	4	MT TF	1230-130	PHY	320
116	C	4	MT TF	130-230 SANDERMAN	PHY	320
117	ZA	1	T	930-1230	PHY	301
117	ZB	1	M	1230-330	PHY	301
117	ZC	1	T	1230-330	PHY	301
117	ZD	1	M	330-630	PHY	301
117	ZE	1	T	330-630	PHY	301

PHYSICS - CONTINUED

118	ZA	1	TH	930-1230	PHY	301
118	ZB	1	W	1230-330	PHY	301
118	ZC	1	TH	1230-330	PHY	301
118	ZD	1	W	330-630	PHY	301
118	ZE		TH	330-630	PHY	301
119	ZA	1	T	930-1130	PHY	303
119	ZB	1	TH	930-1130	PHY	303
119	ZC	1	M	130-330	PHY	303
119	ZD	1	T	130-330	PHY	303
119	ZE	1	W	130-330 ARCH STDNTS ONLY	PHY	303
119	ZF	1	W	130-330 ARCH STDNTS ONLY	PHY	305
119	ZG	1	W	130-330 ARCH STDNTS ONLY	PHY	307
119	ZH	1	TH	130-330	PHY	303
119	ZI	1	M	330-530	PHY	303
119	ZJ	1	T	330-530	PHY	303
119	ZK	1	W	330-530 ARCH STDNTS ONLY	PHY	303
119	ZL	1	W	330-530	PHY	305
119	ZM	1	W	330-530 ARCH STDNTS ONLY	PHY	307
119	ZN	1	TH	330-530	PHY	303
121	A	4	MTW F	830-930 VILCHES	PHY	334
121	B	4	MTW F	1130-1230 YOUNG	PHY	320
*121	H C	4		WITH 121 A		
* H	CA QZ		TH	930-1030	GEB	325
*121	H D	4		WITH 121 B		
* H	DA QZ		TH	930-1030	GEB	429
122	A	4	M WTF	1130-1230 WILLIAMS	PHY	334
*122	H B	4		WITH 122 A		
* H	BA QZ		TH	930-1030	GEB	428
123	A	4	M WTF	830-930 CLARK	PHY	320
123	B	4	MTW F	930-1030 FORTSON	PHY	320
123	C	4	MTW F	1230-130 BOULWARE	PHY	334
*123	H D	4		WITH 123 A		
* H	DA QZ		TH	930-1030	GEB	323
*123	H E	4		WITH 123 B		
* H	EA QZ		TH	930-1030	GEB	329
*123	H F	4		WITH 123 C		
* H	FA QZ		TH	930-1030		
131	ZA	1	M	1230-330	PHY	409
131	ZB	1	T	1230-330	PHY	409
131	ZC	1	W	1230-330	PHY	409
132	ZA	1	T	930-1230	PHY	409
132	ZB	1	M	1230-330	PHY	409
132	ZC	1	T	1230-330	PHY	409
132	ZD	1	W	1230-330	PHY	409

PHYSICS - CONTINUED

132	ZE	1	TH	1230-330	PHY	409
132	ZF	1	F	1230-330	PHY	409
132	ZG	1	M	330-630	PHY	409
132	ZH	1	T	330-630	PHY	409
132	ZI	1	W	330-630	PHY	409
132	ZJ	1	TH	330-630	PHY	409
132	ZK	1	F	330-630	PHY	409
• 223	A	3	MT T	1030-1130 BODANSKY	PHY	334
• 232	A	3	T TH	930-1030 CRAMER	PHY	314
	AN LB		M	700-1000 PM	PHY	232
	AO LB		T	700-1000 PM	PHY	232
	AP LB		M	230-530	PHY	232
	AQ LB		T	230-530	PHY	232
	AR LB		W	230-530	PHY	232
	AS LB		TH	230-530	PHY	232
	AT LB		W	700-1000 PM	PHY	232
	320 A	3	M W F	130-230 KALET	PHY	334
• 323	A	3	M W F	830-930 INGALLS	PHY	314
• 327	U	3	T TH	700-830 PM	PHY	314
• 331	A	3	W	1030-1130 STREIB	PHY	314
	AN LB		T TH	930-1230	PHY	405
	AO LB		M W	1230-330	PHY	405
	AP LB		T TH	230-530	PHY	405
	AQ LB		M W	330-630	PHY	405
	AR LB		M W	700-1000 PM	PHY	405
*403	A	*	* * *		* *	
*403 H	B	*	* * *		* *	
440	A	3	M W F	930-1030 DAVISSON	PHY	314
463	A	3	M W F	1030-1130 LORD	PHY	321
473	A	3	T	130-230 MC DERMOTT	PHY	321
	AN LB		T TH	930-1230	PHY	420
	AO LB		M W	1230-330	PHY	420
	AP LB		T TH	230-530	PHY	420
	AQ LB		M W	330-630	PHY	420
483	A	3	M W F	1130-1230 UEHLING	PHY	321
*487 H	A	1	* * *		* *	
511	A	2	T TH	830-930	PHY	321
515	A	4	MTW F	1030-1130 BROWN	* *	
519	A	4	MTW F	930-1030 HENLEY	PHY	321
520	A	*	TH	930-1130	PHY	321
*530	A	*	M	330-530	PHY	334
*531	A	*	T	330-530	PHY	321
*532	A	*	T	330-530	PHY	314
*534	A	*	W	330-530	PHY	314

PHYSICS - CONTINUED

*535	A	*	T	130-330	PHY	314
*536	A	*	F	130-330	PHY	314
*537	A	*	W	330-530	PHY	321
*538	A	*	F	330-530	PHY	321
*539	A	*	TH	330-530	PHY	314
543	A	3	M W F	1230-130	PHY	321
• 550	A	3	M W F	1130-1230 DEHMELT	*	*
559	A	3	M W F	1030-1130 COOK	*	*
• 562	A	3	M W F	1130-1230 HALPERN	*	*
565	A	3	M W F	130-230 PETERS	PHY	321
• 569	A	3	M W F	830-930 STERN	*	*
571	A	3	M W F	1030-1130 BAKER	*	*
578	A	*	M W F	930-1030 PUFF	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
*702	A	3	*	*	*	*

POLITICAL SCIENCE

201	A	5	M W F	1230-130 PRANGER	*	*
	AA	QZ	T TH	830-930	MEB	237
	AB	QZ	T TH	930-1030	MEB	238
	AC	QZ	T TH	930-1030	MEB	234
	AD	QZ	T TH	1030-1130	MEB	237
	AE	QZ	T TH	1130-1230	MEB	238
	AF	QZ	T TH	1130-1230	MEB	235
	AG	QZ	T TH	1130-1230	MEB	243
	AH	QZ	T TH	1230-130	MEB	243
	AI	QZ	T TH	1230-130	MEB	232
	AJ	QZ	T TH	1230-130	MEB	235
	AK	QZ	T TH	1230-130	MEB	G005
	AL	QZ	T TH	1230-130	MEB	G009
202	A	5	M W F	930-1030 PUTTERMAN	*	*
	AA	QZ	T TH	830-930	MEB	232
	AB	QZ	T TH	830-930	MEB	G006
	AC	QZ	T TH	830-930	MEB	234
	AD	QZ	T TH	930-1030	MEB	237
	AE	QZ	T TH	930-1030	MEB	G006
	AF	QZ	T TH	930-1030	MEB	G009
	AG	QZ	T TH	930-1030	MEB	240
	AH	QZ	T TH	1030-1130	MEB	232
	AI	QZ	T TH	1130-1230	MEB	234
	AJ	QZ	T TH	1130-1230	MEB	240

POLITICAL SCIENCE - CONTINUED

203	A	5	M W F	830-930 VELLUT	MEB	G005
	AA	QZ	T TH	830-930	MEB	235
	AB	QZ	T TH	830-930	MEB	G009
	AC	QZ	T TH	830-930	MEB	G005
* H	AD	QZ	T TH	830-930	MEB	243
	AE	QZ	T TH	930-1030	MEB	235
	AF	QZ	T TH	930-1030	MEB	G005
203	U	5	T TH	700-910 PM	MEB	G005
311	A	5		D 1230-130 IGLITZIN	MEB	G006
324	A	5		D 1130-1230 HITCHNER	MEB	G009
351	A	5	M W F	1130-1230 GOTTFRIED	MEB	242
	AA	QZ	T TH	1130-1230	MEB	247
	AB	QZ	T TH	1130-1230	MEB	245
	AC	QZ	T TH	1230-130	MEB	245
	AD	QZ	T TH	1230-130	MEB	237
362	A	5	M W F	130-230 STEVENS	*	*
	AA	QZ	T TH	1230-130	MEB	234
	AB	QZ	T TH	1230-130	MEB	240
	AC	QZ	T TH	130-230	MEB	G005
	AD	QZ	T TH	130-230	MEB	G009
	AE	QZ	T TH	130-230	MEB	234
	AF	QZ	T TH	230-330	MEB	G005
*398 H	A	5	*	* MINAR	*	*
413	A	5	M W F	1030-1130 PRANGER	MEB	G005
	AA	QZ	T TH	1030-1130	MEB	G005
	AB	QZ	T TH	1030-1130	MEB	238
	AC	QZ	T TH	1130-1230	MEB	248
414J	A	5		WITH FAR E 414J		
415	A	5	M W F	1030-1130 CASSINELLI	MEB	G006
	AA	QZ	T TH	1030-1130	MEB	234
	AB	QZ	T TH	1030-1130	MEB	G006
	AC	QZ	T TH	1130-1230	MEB	G006
• 418	A	5	MTWTH	1130-1230 PUTTERMAN	MEB	103
	AA	QZ	F	1030-1130	MEB	234
	AB	QZ	F	1030-1130	MEB	G009
	AC	QZ	F	1130-1230	MEB	243
	AD	QZ	F	1130-1230	MEB	238
435	A	5		WITH FAR E 439		
440	A	5	TW	330-530 MORRIS-JONES	MEB	G006
• 448	A	5	D	1030-1130 FLETCHER	*	*

POLITICAL SCIENCE - CONTINUED

449	A	5	D	130-230 TOWNSEND	MEB	G006		
452	A	5	D	1230-130 BEST	MEB	238		
474	A	5	D	1130-1230	MEB	G005		
482	A	5	M W F	1130-1230 BEST	MEB	G006		
	AA	QZ	T TH	1030-1130	MEB	235		
	AB	QZ	T TH	1030-1130	MEB	G009		
	AC	QZ	T TH	1130-1230	MEB	232		
482	U	5	M W	700-920 PM	MEB	G005		
499	A	2-5	*	*	*	*		
513	A	3	T	130-330 HARBOLO	MEB	232		
519	A	3	TH	130-330 FRANCIS	MEB	235		
*520J	A	3		WITH FAR E 520J				
521	A	3	TH	130-330 MODELSKI	MEB	232		
523	A	3	TH	330-530 MODELSKI	MEB	G005		
524	A	3	M	330-530 TODD	MEB	243		
530	A	3	W	130-330 VELLUT	MEB	243		
* 533J	A	3		WITH FAR E 533J				
* 538	A	3	T	330-530 MIKHAIL	MEB	243		
*539	A	3	M	330-530 FLETCHER	MEB	G005		
540	A	3	M	130-330 MORRIS-JONES	MEB	243		
543	A	3	M	130-330 HITCHNER	MEB	246		
547	A	3	T	130-330 MYHR	MEB	243		
*552	A	3	TH	130-330 GOTTFRIED	MEB	240		
564	A	3	TH	330-530 STEVENS	MEB	243		
572	A	3		WITH PB AD 503				
575	A	3		WITH PB AD 523				
578	A	3		WITH PB AD 513				
579	A	3		WITH PB AD 551				
*582	A	3	*	*	*	*		
586	A	3	T	330-530 WARREN	MEB	G005		
* 590	A	3	W	330-530 GORE	MEB	243		
600	A	*	*	*	*	*		
700	A	*	*	*	*	*		
702	A	3	*	*	*	*		

PSYCHOLOGY

100	A	5	M W F	1030-1130 DOUGLAS			*	*
	AA	QZ	T	830-930			BLM	314
	AB	QZ	T	830-930			DEN	307
	AC	QZ	T	830-930			DEN	317
	AD	QZ	T	930-1030			*	*
	AE	QZ	T	930-1030			*	*
	AF	QZ	T	930-1030			*	*
	AG	QZ	T	1030-1130			BLM	416
	AH	QZ	T	1030-1130			BLM	314
	AI	QZ	T	1030-1130			BLM	411
	AJ	QZ	T	1130-1230			BLM	313
	AK	QZ	T	1130-1230			BLM	404
	AL	QZ	T	1130-1230			BLM	312
	AM	QZ	T	1230-130			ARC	101
	BA	QZ	T	1230-130			BLM	313
	BB	QZ	T	1230-130			DEN	307
	BC	QZ	T	130-230			GTH	315
	BD	QZ	T	130-230			ARC	101
	BE	QZ	T	130-230			*	*
	BF	QZ	T	130-230			*	*
100	C	5	D	1130-1230 FIELDS			*	*
100	U	5	T TH	700-920 PM			DEN	205
190	A	5	D	1030-1130 SMITH			DEN	212
* 201	A	3	M W	930-1030 MAKOUS			DEN	211
	AN	LB	T TH	830-1030			DEN	117
	AO	LB	T TH	1030-1230			DEN	117
	AP	LB	T TH	130-330			DEN	117
* 201 H	B	3	M W	930-1030 MAKOUS			DEN	315
*	H	BN	LB	T TH	330-530 MAKOUS		DEN	117
* 202	A	3	T TH	1030-1130 KOSTANSEK			DEN	209
	AN	LB	D	830-930			DEN	115
	AO	LB	D	930-1030			DEN	115
* 202 H	B	3	T TH	1030-1130 KOSTANSEK			DEN	205
*	H	BN	LB	D	1130-1230 KOSTANSEK		DEN	115
205	A	4	M W F	1030-1130 WAGNER			DEN	209
	AA	QZ	TH	830-930			SAV	132
	AB	QZ	TH	1030-1130			BLM	314
	AC	QZ	TH	1130-1230			BLM	312
	AD	QZ	TH	130-230			BLM	306
205	B	4	M W F	1130-1230 DREIBLATT			DEN	211
	BA	QZ	T	930-1030			*	*
	BB	QZ	T	1130-1230			BLM	314

PSYCHOLOGY - CONTINUED

250	A	3	T TH	1030-1200 WAGNER	DEN	306
• 302	A	3	M W F	1130-1230 EDWARDS	DEN	212
• 303	A	3	M W F	1030-1130 CAMPIONE	DEN	211
305	A	5	MTW F	930-1030 KRIEGER	DEN	216
	AA QZ		TH	830-930	DEN	317
	AB QZ		TH	930-1030	BLM	414
	AC QZ		TH	1030-1130	BLM	414
	AD QZ		TH	1130-1230	BLM	313
	AE QZ		TH	1230-130	ARC	101
	AF QZ		TH	130-230	BLM	408
305	U	5	M W	700-920 PM OAKLAND	*	*
306	A	5	M WTF	930-1030 BEE	*	*
	AA QZ		F	830-930	DEN	317
	AB QZ		F	930-1030	*	*
	AC QZ		F	930-1030	BLM	301
	AD QZ		F	1030-1130	BLM	305
	AE QZ		F	1130-1230	BLM	305
	AF QZ		F	1130-1230	*	*
	AG QZ		F	1230-130	DEN	317
	AH QZ		F	1230-130	DEN	217
	AI QZ		T	1230-130	BLM	314
	AJ QZ		T	130-230	*	*
306	U	5	T TH	700-920 PM DIETZE	*	*
320	A	3	M W F	330-430 1 AM HR A WK * HARRIS	*	*
345	A	5	MTWTH	1130-1230 RICHARDSON	DEN	216
	AA QZ		F	830-930	MLR	316
	AB QZ		F	830-930	BLM	212
	AC QZ		F	930-1030	*	*
	AD QZ		F	1030-1130	SAV	241
	AE QZ		F	1130-1230	*	*
	AF QZ		F	1130-1230	*	*
	AG QZ		F	1230-130	BLM	305
	AH QZ		F	130-230	ARC	101
345	U	5	M W	700-920 PM	*	*
*350 H	A	5	M T	1030-1230 * ROSE	*	*
400	A	5	M W F	130-300 MC KEEVER	DEN	311
403	A	5	M W F	130-300 KOSTANSEK & BOLLES	DEN	312
405	A	5	M W F	130-230 * BECKER	DEN	313

PSYCHOLOGY - CONTINUED

405	U	5	M W	700-920 PM DOERR	DEN	213
*406	ZN	5	*	* PAGANO	*	*
414	A	5	M W F	230-400 DALE	ICD	203
416	A	5	D	930-1030 LOCKARD	DEN	313
423	A	5	D	1030-1130 HORTON	DEN	313
428	A	3	M W F	1130-1230 EGAN	DEN	312
441	A	5	D	130-230 CULBERT	DEN	209
	AN LB		*	*	*	*
444	A	3	M W	230-400 * CANON	DEN	310
445	A	5	D	130-230 STOTLAND	DEN	310
446	A	3	M W F	930-1030 EDWARDS	*	*
*452 H	A	3	*	*	*	*
*497	A	1-3	*	* P. LUNNEBORG	*	*
*498	A	1-3	*	*	*	*
*499	A	1-3	*	*	*	*
516	A	3	M W F	1030-1130 C. LUNNEBORG	*	*
518	A	3	*	* ROSE	*	*
• 525	A	3	M W	1130-1230 130-330 * NYMAN	PR4 PR4	003 003
• 528	A	5	D	930-1030 BEACH	*	*
540	A	2	*	* SARASON	*	*
540	B	2	*	* STROTHER	*	*
542	A	2	*	* LOCKARD	*	*
543	A	2	*	* WILLEMSEN	*	*
548	A	2	*	* CULBERT	*	*
*549	A	2	*	* HUNT, PAGANO	*	*
549	B	2	*	* DOUGLAS	*	*
560	A	*	*	* BEE, CAMPIONE, RABINOWITZ	*	*
*560	B	*	W	1200-100 MAKOUS, TELLER	*	*
585	A	5	T TH	1030-1200 KRIEGER	*	*
586	A	3	*	* SARASON	*	*
593	A	6	M W	100-500 830-1130 NYMAN	PR4 PR4	003 003
594	A	3	T TH	1030-1200	PR4	003

PSYCHOLOGY - CONTINUED

596	A	3	M W	1030-1230 BROEDEL	*	*
*597	A	3-5	*	*	*	*
*599	A	*	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*

ROMANCE LANGUAGES & LITERATURE

ROMANCE LINGUISTICS & LIT

401	A	3	M W F	930-1030 SAPORTA	THO	335
402	A	3	M W F	1030-1130 ROLFE	DEN	307
505	A	3	*	* RONA	*	*
*531	A	2-5	*	*	*	*
582	A	3	M W F	230-330 NOSTRAND	DEN	307
585	A	3	W	330-530 PENUELAS	*	*
*590	A	2-5	*	*	*	*
*599	A	*	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
*702	A	3	*	*	*	*

CATALAN

535	A	3	T TH	300-400 ALGEO	*	*
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FRENCH

102	AA	5	D	830-930	*	*
102	AB	5	D	830-930	*	*
102	AC	5	D	830-930	*	*
*102	AD	5	D	930-1030	*	*
*102	AE	5	D	1030-1130	*	*
102	AF	5	D	1030-1130	*	*
102	AG	5	D	1030-1130	*	*
102	AH	5	D	1030-1130	*	*
102	AI	5	D	1130-1230	*	*
102	AJ	5	D	1130-1230	*	*
102	AK	5	D	1230-130	*	*
102	AL	5	D	1230-130	*	*
102	AM	5	D	1230-130	*	*
103	AA	5	D	1030-1130 JRS & SRS ONLY	*	*
103	AB	5	D	1230-130 JRS & SRS ONLY	*	*

FRENCH - CONTINUED

103	AC	5	D	1230-130 JRS & SRS ONLY	*	*
103	UA	5	M W F	700-900 PM	GEB	227
103	UB	5	M W F	700-900 PM	THO	235
105	A	5	D	1230-130 STACY	MUS	313
201	AA	5	D	830-930	*	*
201	AB	5	D	830-930	*	*
201	AC	5	D	830-930	*	*
201	AD	5	D	830-930	*	*
*201 H	AE	5	D	1030-1130	*	*
201	AF	5	D	1030-1130	*	*
201	AG	5	D	1030-1130	*	*
201	AH	5	D	1230-130	*	*
201	AI	5	D	1230-130	*	*
201	AJ	5	D	1230-130	GEB	222
202	AA	5	D	830-930	*	*
202	AB	5	D	830-930	GEB	227
*202 H	AC	5	D	930-1030	*	*
202	AD	5	D	930-1030	*	*
202	AE	5	D	930-1030	*	*
202	AF	5	D	1030-1130	*	*
202	AG	5	D	1030-1130	*	*
202	AH	5	D	1030-1130	*	*
*202	AI	5	D	1230-130 OGONNELL	*	*
202	AJ	5	D	1230-130	*	*
202	AK	5	D	1230-130	*	*
202	AL	5	D	1230-130	*	*
202	AM	5	D	1230-130	*	*
221	A	5	D	930-1030	*	*
221	B	5	D	1130-1230	*	*
222	AA	5	D	830-930	*	*
222	AB	5	D	830-930	*	*
222	AC	5	D	930-1030	*	*
222	AD	5	D	930-1030	*	*
222	AE	5	D	1030-1130	*	*
*222 H	AF	5	D	1030-1130	*	*
222	AG	5	D	1230-130	GEB	227
222	AH	5	D	1230-130	*	*
222	AI	5	D	330-430	THO	331
222	AJ	5	D	330-430	MUS	216
301	A	5	D	130-230 HEAD	*	*
302	A	5	D	930-1030 WORTLEY	*	*
302	B	5	D	1030-1130 GASSTER	*	*

FRENCH - CONTINUED

*302	H	C	5	D	1030-1130	✕	✕		
					O'CONNELL				
302	D		5	D	1230-130	✕	✕		
					BONHOTE				
303	A		5	D	1030-1130	✕	✕		
					BONHOTE				
303	B		5	D	1030-1130	✕	✕		
					SMITH				
*303	H	C	5	D	1230-130	✕	✕		
					FULLER				
303	D		5	D	1230-130	✕	✕		
					HARRIS				
303	U		5	T TH	700-920 PM	MUS	216		
306	A		3	M W F	1130-1230	CMU	226		
					SMITH				
*306	H	B	1	T	1130-1230	✕	✕		
					SMITH				
327	A		2	T TH	1130-1230	✕	✕		
					NUGENT-HEAD				
327	B		2	T TH	130-230	✕	✕		
					BONHOTE				
* 350	A		3	M W F	1230-130	THO	211		
					B. LENSKI				
* 351	A		3	M W F	1030-1130	DEN	316		
					VERNIER				
* 352	A		3	M W F	230-330	DEN	306		
					J. LEINER				
*390	A		2-5	*	*	*	*		
401	A		3	M W F	1130-1230	DEN	306		
					HANZELI				
404	A		3	M W F	930-1030	GEB	227		
					FIELD				
408	A		3	M W F	130-230	DEN	316		
					KELLER				
409	A		3	D	230-330	DEN	123		
					A. CREORE				
425	A		3	M W F	1130-1230	SMI	402		
					GASSTER				
* 441	A		3	M W F	130-230	DEN	307		
					O'CONNELL				
* 442	A		3	M W F	330-430	THO	202		
					W. LEINER				
* 445	A		3	M W F	1030-1130	SMI	402		
					VERNIER				
457	A		3	M W F	430-530	THO	202		
					LENSKI				
462	A		3	M W F	230-330	THO	202		
					DELOFFRE				
514	A		3	M W F	1030-1130	✕	✕		
					FIELD				
521	A		3	M W F	430-530	THO	231		
					DELOFFRE				
533	U		3	TH	730-930 PM	MUS	219		
					VERNIER				
537	A		3	M W F	1130-1230	✕	✕		
					FRIEDMAN				
540	A		3	M W F	930-1030	PDL	A215		
					FRIEDMAN				
542	A		3	M W F	130-230	✕	✕		
					ROLFE				
* 553	A		3	M W F	330-430	MUS	219		
					DAVID				

FRENCH - CONTINUED

555	A		3	T	430-630			MUS	219
					ELLRICH				
561	A		3	T TH	300-430			MLR	104
					WORTLEY				
577	A		3	TH	100-300	✕	✕		
					KERN				
*590	A		3-9	*	*	*	*		
*590	B		3	TH	430-630			MUS	219
					W. LEINER				
*590	C		3	M W F	130-230	✕	✕		
					KERN				
*590	D		3	T TH	1030-1200	✕	✕		
					JONES				
* 599	A		*	*	*	*	*		
*600	A		*	*	*	*	*		
*600	B		*	*	*	*	*		
*700	A		*	*	*	*	*		
*702	A		3	*	*	*	*		
ITALIAN									
103	A		5	D	930-1030	✕	✕		
103	B		5	D	930-1030	✕	✕		
103	C		5	D	1030-1130	✕	✕		
103	D		5	D	1230-130	✕	✕		
103	U		5	M WTH	700-900 PM	GEB	222		
203	A		5	D	1130-1230	✕	✕		
203	B		5	D	1130-1230	✕	✕		
203	C		5	D	230-330	MUS	216		
303	A		3	M W F	130-230	✕	✕		
306	A		3	M W F	1030-1130	✕	✕		
					FRIEDRICH				
327	A		2	T TH	1230-130	THO	335		
*390	A		2-5	*	*	*	*		
* 451	A		3	M W F	1230-130	MUS	219		
					PACE				
* 590	A		3-9	*	*	*	*		
* 599	A		*	*	*	*	*		
*600	A		*	*	*	*	*		
*700	A		*	*	*	*	*		
*702	A		3	*	*	*	*		
PORTUGUESE									
103	A		5	D	1030-1130	✕	✕		
203	A		5	D	1130-1230	✕	✕		
303	A		3	M W F	930-1030	✕	✕		
310	A		3	M W F	230-330	✕	✕		
					GOETZINGER				
*390	A		2-5	*	*	*	*		
SPANISH									
102	AA		5	D	830-930	✕	✕		
102	AB		5	D	830-930	✕	✕		

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

SPANISH - CONTINUED

102	AC	5	D	830-930	*	*		
102	AD	5	D	930-1030	*	*		
102	AE	5	D	930-1030	*	*		
102	AF	5	D	1130-1230	*	*		
102	AG	5	D	1130-1230	*	*		
102	AH	5	D	1230-130	*	*		
102	AI	5	D	1230-130	THO	311		
#103	A	5	D	830-930 JRS & SRS ONLY	*	*		
#103	B	5	D	1230-130 JRS & SRS ONLY	*	*		
103	U	5	M W F	700-900 PM	SMI	409		
103	V	5	M W F	700-900 PM	MUS	223		
201	AA	5	D	1030-1130	*	*		
201	AB	5	D	1030-1130	*	*		
201	AC	5	D	1130-1230	*	*		
201	AD	5	D	1130-1230	*	*		
201	AE	5	D	1230-130	*	*		
201	AF	5	D	1230-130	*	*		
202	AA	5	D	830-930	*	*		
202	AB	5	D	830-930	*	*		
#202 H	AC	5	D	1030-1130	*	*		
202	AD	5	D	1030-1130	*	*		
202	AE	5	D	1230-130	*	*		
202	AF	5	D	1230-130	*	*		
202	AG	5	D	330-430	GEB	227		
203	AA	5	D	830-930	*	*		
203	AB	5	D	830-930	*	*		
203	AC	5	D	1230-130	GEB	225		
#203 H	AD	5	D	1230-130	*	*		
203	AE	5	D	330-430	THO	311		
203	UA	5	M W F	700-830 PM	GEB	225		
203	UB	5	M W F	700-830 PM	THO	311		
301	A	4	TWTF	130-230 W. WILSON	*	*		
302	A	4	MTWT	1130-1230 P. SHIPLEY	*	*		
302	B	4	MTWT	1130-1230	*	*		
302	C	4	MTWT	130-230 P. SHIPLEY	*	*		
303	A	4	TWTF	830-930 W. WILSON	*	*		
303	B	4	MTWT	930-1030 VARGAS-BARON	*	*		
303	C	4	MTWT	130-230 GOETZINGER	*	*		
306	A	3	M W F	830-930	THO	211		
#306 H	B	3	M W F	1030-1130 DIAZ-QUINONES	*	*		
306	C	3	M W F	1130-1230 SALINERO	GEB	227		

SPANISH - CONTINUED

306	D	3	M W F	1230-130 DRURY	THO	335		
327	A	2	T TH	1030-1130 VALENZUELA	*	*		
327	B	2	T TH	1030-1130 CONNORS	*	*		
327	C	2	T TH	1130-1230 CONNORS	*	*		
327	D	2	T TH	1130-1230 WALLACE	*	*		
• 351	A	3	M W F	130-230 G. SHIPLEY	GTH	315		
• 352	A	3	M W F	1030-1130 SOMMERS	GEB	227		
409	A	3	M W F	1130-1230	THO	335		
418	A	3	M W F	930-1030 SALINERO	THO	202		
453	A	3	M W F	1130-1230 ANDERSON	MUS	223		
483	A	3	M W F	1030-1130 BODDEN	DEN	309		
487	A	3	M W F	130-230 VARGAS-BARON	THO	202		
• 489	A	3	M W F	1230-130 SOMMERS	MUS	223		
511	A	3	T	830-1030 SALINERO	GEB	225		
522	A	3	M W	1130-1230 DIAZ-QUINONES	*	*		
#561	A	3	T TH	1030-1130 1030-1230 BODDEN	*	*		
• #590	A	3-9	*	*	*	*		
• #590	C	3	M	230-430 G. SHIPLEY	*	*		
#590	F	3	T TH	130-300 ANDERSON	*	*		
• #599	A	*	*	*	*	*		
#600	A	*	*	*	*	*		
#600	B	*	*	*	*	*		
#700	A	*	*	*	*	*		
#702	A	3	*	*	*	*		
SCANDINAVIAN LANGUAGES & LIT								
SCANDINAVIAN								
100	A	2	T TH	1130-1230 ARESTAD	*	*		
230	A	2	T TH	230-330 SEHMSDORF	DEN	205		
• 370	A	3	M W F	930-1030 HILDEMAN	DEN	212		
• 461	A	3	TH	330-530 FREDRIKSSON	DEN	205		
502	A	3	M W F	1230-130 FREDRIKSSON	*	*		
515	A	3	T	330-530 ARESTAD	DEN	205		

SCANDINAVIAN - CONTINUED

518	A	3	M	330-530 JOHNSON	DEN	317		
* 521	A	3	W	330-530 HILDEMAN	DEN	317		
*600	A	*	*	* ARESTAD, FREDRIKSSON, HILDEMAN, JOHNSON	*	*		
*700	A	*	*	* JOHNSON, ARESTAD, HILDEMAN	*	*		
702	A	3	*	*	*	*		

DANISH

103	A	5		D 1030-1130 STEVENSON	DEN	217		
222	A	3	M W F	130-230 STEVENSON	DEN	317		
225	A	2	T TH	130-230 STEVENSON	DEN	307		
*490	A	*	*	* ARESTAD	*	*		

NORWEGIAN

102	A	5		D 1030-1130 HANSON	*	*		
102	B	5		D 130-230 LUNDBERG	DEN	205		
103	A	5		D 930-1030 LUNDBERG	*	*		
103	B	5		D 1130-1230 LARS JOHNSON	DEN	217		
103	C	5		D 130-230 BUER	DEN	217		
221	A	3	M W F	130-230 SEHMSDOORF	*	*		
222	A	3	M W F	1030-1130 SEHMSDOORF	DEN	306		
224	A	2	T TH	130-230 FLATIN	*	*		
225	A	2	T TH	1030-1130 LUNDBERG	BLM	313		
225	B	2	T TH	1030-1130 FLATIN	BLM	302		
302	A	3	M W F	1230-130 SEHMSDOORF	*	*		
305	A	2	T TH	1230-130 FLATIN	*	*		
450	A	3	M W F	230-330 ARESTAD	*	*		
*490	A	*	*	* ARESTAD, SEHMSDOORF	*	*		

SWEDISH

102	A	5		D 1030-1130 STIPEK	*	*		
102	B	5		D 130-230 HALL	*	*		

SWEDISH - CONTINUED

103	A	5		D 930-1030 OLSON	*	*		
103	B	5		D 1030-1130 HALL	*	*		
103	C	5		D 1230-130 SODERBERG	BLM	404		
103	D	5		D 130-230 VON HAARTMAN	*	*		
221	A	3	M W F	130-230 MOLANDER	*	*		
222	A	3	M W F	1030-1130 JARVI	*	*		
222	B	3	M W F	1230-130 JARVI	DEN	307		
222	C	3	M W F	130-230 JARVI	*	*		
224	A	2	T TH	130-230 HILDEMAN	*	*		
224	B	2	T TH	130-230 MOLANDER	BLM	416		
225	A	2	T TH	1030-1130 THORSTENSSON	BLM	301		
225	B	2	T TH	1230-130 THORSTENSSON	BLM	302		
225	C	2	T TH	1230-130 JARVI	BLM	306		
225	D	2	T TH	130-230 THORSTENSSON	*	*		
302	A	2	T TH	830-930 JOHNSON	CMU	332		
305	A	2	M W	830-930 FREDRIKSSON	DEN	317		
308	A	1	F	830-930 FREDRIKSSON	BLM	306		
450	A	3	M W F	130-230 HILDEMAN	*	*		
*490	A	*	*	* FREDRIKSSON HILDEMAN, JOHNSON	*	*		

SOCIAL SCIENCE - SEE GENERAL EDUCATION

SOCIOLOGY

105	A	5	T TH	1030-1200 GOODMAN	*	*		
AA	QZ		M W	1030-1130	SAV	341		
AB	QZ		M W	1030-1130	SAV	241		
AC	QZ		M W	1030-1130	SAV	343		
AD	QZ		M W	1030-1130	SAV	335		
AE	QZ		M W	1130-1230	SAV	335		
AF	QZ		M W	1130-1230	SAV	341		
AG	QZ		M W	1130-1230	SAV	239		
AH	QZ		M W	1130-1230	SAV	343		
110	AA	5	D	730-830	GTH	308		
110	AB	5	D	830-930	GTH	309		
110	AC	5	D	830-930	GTH	308		
*110	H AD	5	D	1030-1130 CATTON	*	*		
110	AE	5	D	930-1030	GTH	308		
110	AF	5	D	930-1030	GTH	309		
110	AG	5	D	930-1030	GTH	306		
110	AH	5	D	1030-1130	GTH	309		

SOCIOLOGY - CONTINUED

110	AI	5	D	1030-1130	GTH	306		
110	AJ	5	D	1030-1130	GTH	308		
110	AK	5	D	1130-1230	GTH	306		
110	AL	5	D	1130-1230	GTH	308		
110	AM	5	D	1130-1230	GTH	309		
110	BA	5	D	1230-130	GTH	306		
110	BB	5	D	1230-130	GTH	308		
110	BC	5	D	1230-130	GTH	309		
110	BD	5	D	130-230	GTH	306		
110	BE	5	D	130-230	GTH	308		
110	BF	5	D	230-330	GTH	306		
223	A	5	D	930-1030 HAGGERTY	SAV	151		
	AN LB		T	930-1130	GTH	211		
	AO LB		TH	930-1130	GTH	211		
	AP LB		T	1130-130	GTH	211		
	AQ LB		TH	1130-130	GTH	211		
	AR LB		T	130-330	GTH	211		
	AS LB		TH	130-330	GTH	211		
240	A	5	D	930-1030 BURGESS	GTH	315		
*240 H	B	5	D	930-1030 EMERSON	*	*		
270	A	5	M W F	1030-1130 SCHMITT	GTH	210		
	AA QZ		T TH	1030-1130	*	*		
	AB QZ		T TH	1030-1130	*	*		
	AC QZ		T TH	1030-1130	*	*		
	AD QZ		T TH	230-330	BLM	313		
	AE QZ		T TH	230-330	BLM	301		
	AF QZ		T TH	230-330	BLM	302		
331	A	5	D	830-930 CAMPBELL	GTH	210		
352	A	5	D	1030-1130 CAMPBELL	SAV	135		
362	A	5	D	930-1030 BARTH	GTH	313		
362	U	5	M W	700-920 PM CHRISTOPHER	GTH	308		
371	A	5	D	1030-1130 ZELMAN	GTH	313		
371	B	5	D	1130-1230 ZELMAN	GTH	210		
*389	A	2-5	*	*	*	*		
* 422	A	3	T TH	830-1030 WAGER	GTH	209		
429	A	3	M W F	230-330 HIRSCHI	GTH	311		
* 431	A	5	T TH	130-330 SCHMID	GTH	209		
442	A	5	T TH	130-300 DODD	*	*		
450	A	5	D	1130-1230 FOLEY	GTH	313		

SOCIOLOGY - CONTINUED

451	A	5	D	930-1030 CATTON	GTH	210		
452	U	5	M W	700-920 PM SHARP	GTH	306		
460	A	5	D	1030-1130 EMERSON	SAV	146		
472	A	5	D	830-930 AKERS	GTH	311		
* 483	A	3	M W F	130-230 SCHRAG	GTH	311		
*498 H	A	3	M	330-530 CATTON	*	*		
*499	A	2-5	*	*	*	*		
*503	A	3	T	330-530 LARSEN	GTH	209		
523	A	3	M	330-530 HIRSCHI	*	*		
* 539	A	3	TH	330-530 LIEBERSON	BLM	205		
*542	A	3	*	*	*	*		
543	A	3	TH	330-530 LARSON	BLM	414		
567	A	3	T	330-530 GROSS	BLM	205		
* 583	A	3	T	330-530 LEIK-FOLEY	BLM	408		
* 593	A	2	*	*	*	*		
*599	A	1-6	*	*	*	*		
*600	A	2-5	*	*	*	*		
*600	B	2	T TH	230-330 STEINBURN	*	*		
*700	A	*	*	*	*	*		
SPEECH								
100	A	5	D	730-830	PAR	208		
100	B	5	D	830-930	PAR	208		
100	C	5	D	830-930	PAR	210		
100	D	5	D	930-1030	PAR	210		
100	E	5	D	930-1030	PAR	221		
100	F	5	D	1030-1130	PAR	208		
100	G	5	D	1130-1230	PAR	206		
100	H	5	D	1130-1230	PAR	208		
100	I	5	D	1230-130	PAR	208		
100	J	5	D	130-230	PAR	208		
100	K	5	D	230-330	PAR	208		
100	L	5	D	230-330	PAR	221		
100	U	5	M W	700-920 PM	PAR	210		
101	AA	3	M W F	730-830	PAR	221		
101	AB	3	M W F	730-830	PAR	222		
101	AC	3	M W F	830-930	PAR	222		
101	AD	3	M W F	830-930	PRB	002		
101	AE	3	M W F	930-1030	PAR	222		
101	AF	3	M W F	930-1030	PRB	002		
101	AG	3	M W F	1030-1130	PAR	221		
101	AH	3	M W F	1030-1130	PRB	002		

SPEECH - CONTINUED

101	AI	3	M W F	1130-1230	PAR	221
101	AJ	3	M W F	1130-1230	PAR	222
101	AK	3	M W F	1230-130	PAR	221
101	AL	3	M W F	1230-130	PAR	222
101	AM	3	M W F	130-230	PAR	221
101	BA	3	M W F	130-230	PAR	222
101	BB	3	M W F	230-330	PAR	210
101	BC	3	M W F	230-330	PAR	222
101	BD	3	M W F	330-430	PAR	221
101	UA	3	M W	700-825 PM	PAR	206
110	A	2	M W	730-830	PAR	210
110	B	2	T TH	830-930	PAR	222
110	C	2	T TH	1030-1130	PAR	221
110	D	2	T TH	1130-1230	PAR	221
110	E	2	M W	1230-130	PRB	002
110	F	2	T TH	130-230	PAR	221
110	G	2	T TH	230-330	PAR	222
110	H	2	M W	330-430	PAR	210
111	A	2	T TH	930-1030	PAR	222
111	B	2	T TH	1130-1230	PAR	222
111	U	2	T	700-850 PM	PAR	210
140	A	5	D	730-830	PRB	001
140	B	5	D	830-930	PRB	001
140	C	5	D	930-1030	PRB	001
140	D	5	D	1030-1130	PRB	001
140	E	5	D	1130-1230	PRB	001
140	F	5	D	1230-130	PRB	001
140	G	5	D	130-230	PRB	001
140	H	5	D	230-330	PRB	001
170	A	1	M	230 2 HRS WK * HELMICK	SPC	115
220	A	5	D	830-930	PAR	212
220	B	5	D	930-1030	PAR	212
220	C	5	D	1030-1130	PAR	212
220	D	5	D	1230-130	PAR	212
220	E	5	D	130-230	PAR	212
220	F	5	D	230-330	PAR	212
230	A	5	D	830-930 MORTENSEN	PRA	001
260	A	3	M W F	930-1030 BIRD	PAR	208
	AN LB		T TH	930-1030 BIRD	PAR	208
260	U	3	M	700-955 PM	PAR	208
310	A	5	D	930-1030 BENNETT	PAR	106
310	B	5	D	1030-1130 TIFFANY	PAR	106
311	A	5	D	730-830 HELMICK	SPC	115

SPEECH - CONTINUED

311	B	5	D	1130-1230 PALMER	SPC	115
* 313	A	3	M W F	830-930 HEDRICK	SPC	115
* 313	B	3	M W F	1130-1230 PEROZZI	PAR	106
327	A	3	M W F	1030-1130 BIRD	PAR	222
*329	A	5	D	1230-130 BOSMAJIAN	PAR	306
332	A	5	D	830-930 CROWELL	PAR	206
*339	A	1-3	D	230-330 DOUGLAS	PAR	108
345	A	3	M W F	130-230 WEYBRIGHT	PRB	002
345	U	3	M W F	700-825 PM	PAR	221
*349	A	2	D	330-430 ESPINOLA	PRB	001
359	A	3	M W F	930-1030 FEEZEL	PAR	206
359	U	3	M W	530-655 PM NYQUIST	PAR	206
* 372	A	3	T TH	930-1030 MINER	SPC	115
373	A	3	M W F	930-1030 PRATHER	SPC	115
373	B	3	M W F	1230-130 PRATHER	SPC	115
*374	A	1-5	T	1230-130 MINER	SPC	115
* 379	U	3	T	430-630 HELMICK	PAR	222
*#384	A	1-5	M	1230-130 MINER	SPC	015
* 404	A	3	M W F	1130-1230 SORENO	PAR	309
416	A	3	M W F	1230-130 TIFFANY	PAR	110
420	A	5	D	130-230 BURKS	PRA	001
432	A	3	M W F	1030-1130 CROWELL	PAR	206
444	A	3	M W F	1130-1230 POST	PRB	002
475	A	3	M W F	1030-1130 HELMICK	SPC	115
482	A	5	D	1130-1230 WILSON	SPC	015
485	A	2	TH	330-530 VOORHEES	SPC	115
* 487	A	3	M W F	830-930 THOMPSON	SPC	015
*499	A	1-5	*	* VOICE&PHONTCS	* *	
*499	B	1-5	*	* PUBL ADDRESS	* *	
*499	C	1-5	*	* ARGUMENT&DISC	* *	
*499	D	1-5	*	* ORAL INTERP	* *	
*499	E	1-5	*	* TCH SPEECH	* *	
*499	F	1-5	*	* RADIO-TV SPCH	* *	
*499	G	1-5	*	* SPCH CORRECTN	* *	
*499	H	1-5	*	* HEARING	* *	
500N	A	0	*	*	* *	

SPEECH - CONTINUED

• 511	A	3	*	*		*	*
				PALMER			
523	A	5		D	930-1030 NILSEN	PAR	217
550	A	3	M W F		1130-1230 FEEZEL	PAR	217
571	A	3	M W F		1030-1130 MC DONALD	SPC	015
•574	A	1-5	*	*		*	*
				MINER			
•582	A	3	M W F		1130-1230 WALTON	PRA	001
•584	A	1-5	*	*		*	*
				MINER			
589	A	3	M W F		930-1030 YANTIS	SPC	015
•592	A	2	*	*		*	*
• 596	A	2	T TH		1130-1230 MORTENSEN	PRA	001
•597	A	2	T		330-430 MC DONALD	*	*
•598	A	2	T		330-430 WALTON	SPC	115
600	A	*	*	*		*	*
700	A	*	*	*		*	*
702	A	3	*	*		*	*

ZOOLOGY

• 112	A	5	M W F		830-930 EDWARDS, FARNER	*	*
	AN LB		T TH		830-1030	JHN	119
	AQ LB		T TH		830-1030	JHN	121
	AP LB		M W		1030-1230	JHN	119
	AQ LB		M W		1030-1230	JHN	121
	AR LB		T TH		1030-1230	JHN	119
	AS LB		T TH		1030-1230	JHN	121
	AT LB		M W		130-330	JHN	119
*	H AU LB		M W		130-330	JHN	121
	AV LB		T TH		130-330	JHN	119
	AW LB		M W		330-530	JHN	119
208	A	5	M W F		1230-130 GRIFFITHS	*	*
	AA QZ		M		830-930	JHN	009
	AB QZ		T		830-930	JHN	009
	AC QZ		W		830-930	JHN	009
	AD QZ		TH		830-930	JHN	009
	AE QZ		TH		1130-1230	JHN	009
	AF QZ		M		130-230	JHN	009
	AG QZ		W		130-230	JHN	009
	AH QZ		TH		230-330	JHN	009
	AN LB		M		830-1130	JHN	252
	AQ LB		T		830-1130	JHN	252
	AP LB		W		830-1130	JHN	252
	AQ LB		TH		830-1130	JHN	252
	AR LB		T		1130-230	JHN	252

ZOOLOGY - CONTINUED

	AS LB		M		130-430	JHN	252
	AT LB		W		130-430	JHN	252
	AU LB		T		230-530	JHN	252
•330	A	5	T TH		1130-1230 KOHN	*	*
	AN LB		T TH		130-530	JHN	249
•330	B	5	T TH		1130-1230 RAY	*	*
	BN LB		T TH		130-530	JHN	154
•362	A	5	M W F		1030-1130 HEPPNER	JHN	154
	AN LB		M W		130-430	JHN	154
•409L	ZN	2	T		130-530 ORIAN	JHN	152
423	A	5	M W F		830-930 OSTERUD	*	*
	AA QZ		F		230-330	JHN	214
	AN LB		T TH		830-1130	JHN	224
	AQ LB		T TH		130-430	JHN	224
432	A	8	D S		800-500 800-1200 KOZLOFF, SMITH	FRH	*
						FRH	*
•434	A	5	M W F		930-1030 ILLG	*	*
	AN LB		M W		230-530	JHN	249
	AQ LB		M W		230-530	JHN	152
444	A	5	M W F		830-930 HATCH	WSM	206
	AN LB		T TH		130-430	WSM	206
•456	A	5	M W F		1130-1230 BALL	*	*
	AN LB		T TH		830-1130	JHN	216
	AQ LB		T TH		830-1130	JHN	218
	AP LB		T TH		830-1130	JHN	147
	AQ LB		M W		130-430	JHN	216
	AR LB		M W		130-430	JHN	218
	AS LB		T TH		130-430	JHN	216
	AT LB		T TH		130-430	JHN	218
	AU LB		T TH		130-430	JHN	147
•464	A	5	M W F		1130-1230 WILLIS	WSM	206
	AN LB		T TH		830-1130	*	*
498	A	1-5	*	*		*	*
•506	A	2	*	*	CUMMINS	*	*
522	A	1	F		400-500 FARNER	JHN	056
536	A	6	D S		800-500 800-1200 2ND TERM FERNALD, WHITLEY	FRH	*
						FRH	*
538	A	6	D S		800-500 800-1200 2ND TERM FLOREY	FRH	*
						FRH	*
• 568	A	2	W		400-500 GORBMAN	JHN	240

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

ZOOLOGY - CONTINUED

576	A	6	D S	800-500 800-1200 1ST TERM JOHANSEN, MACHIN	FRH FRH	* *
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING

210	A	3	M W	830-930	BLM	212
	AN LB		T TH	830-930	BLM	305
	AD LB		T TH	830-930	BLM	205
	AP LB		T TH	930-1030	BLM	314
210	B	3	T TH	930-1030	BLM	303
	BN LB		W F	930-1030	BLM	416
	BO LB		W F	1030-1130	BLM	207
	BP LB		W F	1130-1230	BLM	207
210	C	3	T TH	1130-1230	BLM	212
	CN LB		W F	1030-1130	BLM	416
	CO LB		W F	1130-1230	BLM	209
	CP LB		W F	1230-130	BLM	306
210	U	3	M W	700-825 PM	BLM	302
210	V	3	T TH	700-825 PM	BLM	306
220	A	3	M W	830-930	BLM	306
	AN LB		T TH	830-930	BLM	212
	AD LB		T TH	830-930	BLM	306
	AP LB		T TH	930-1030	BLM	411
220	B	3	M W	1230-130	BLM	304
	BN LB		T TH	1230-130	BLM	205
	BO LB		T TH	130-230	BLM	313
	BP LB		T TH	130-230	BLM	302
220	U	3	M W	700-825 PM	BLM	206
220	V	3	T TH	700-825 PM	BLM	305
230	A	3	M W F	830-930	BLM	205
230	B	3	M W F	930-1030	BLM	212
230	C	3	M W F	1030-1130	BLM	408
230	D	3	M W F	1130-1230	BLM	314
230	E	3	M W F	1230-130	BLM	301
230	F	3	M W F	1230-130	BLM	205
230	G	3	M W F	130-230	BLM	404
230	H	3	M W F	130-230	BLM	306
230	I	3	M W F	230-330	BLM	302
230	J	3	M W F	330-430	BLM	206
230	U	3	T TH	700-825 PM	BLM	311
301	A	3	M W F	930-1030	BLM	311
301	B	3	M W F	1130-1230	BLM	404
302	A	3	M W F	830-930	BLM	312
302	B	3	M W F	1230-130	BLM	212

ACCOUNTING - CONTINUED

303	A	3	M W F	830-930	BLM	206
303	B	3	M W F	1030-1130	BLM	314
303	U	3	M W	700-825 PM	BLM	205
311	A	3	M W F	1130-1230	BLM	312
311	B	3	M W F	1130-1230	BLM	313
311	C	3	M W F	230-330	BLM	212
*371	A	2	*	*	*	*
375	A	4	MTW F	130-230	BLM	212
411	A	3	M W F	1030-1130	BLM	311
421	A	5	D	930-1030	BLM	312
421	U	5	M W	700-920 PM	BLM	212
440	A	3	M W	1030-1200	*	*
450	A	3	M W F	1130-1230	BLM	408
460	A	3	M W F	930-1030	BLM	408
470	A	5	D	830-930	BLM	408
475	A	3	M W F	1030-1130	BLM	212
480	A	3	M W F	1030-1130	BLM	312
485	A	3	M W F	930-1030	BLM	306
490	A	3	M W	930-1100	BLM	203
495	A	3	T TH	130-300	*	*
*499	A	3	*	*	*	*
*511	A	3	T TH	130-300	BLM	414
*520	A	3	W	330-530	BLM	306
*522	A	3	F	330-530	BLM	305
*540	A	3	M	330-530	BLM	306
*571	A	3	*	*	*	*
*572	A	3	*	*	*	*
*592	A	3	T	930-1130	*	*
*592	B	3	F	130-330	*	*
*599	A	3	T	330-530	*	*
*604	A	*	*	*	*	*
*700	A	*	*	*	*	*
*702	A	3	*	*	*	*
ADMIN THEORY & ORGANIZATNL BEHAVICR						
365	A	3	T TH	800-930	BLM	401
365	B	3	T TH	800-930	BLM	405
365	C	3	T TH	930-1100	BLM	405
365	D	3	T TH	130-300	BLM	405
440	A	3	M W F	730-830	BLM	213
440	B	3	M W F	830-930	BLM	213
440	C	3	M W F	930-1030	BLM	213
440	D	3	M W F	1030-1130	BLM	213
440	E	3	M W F	1230-130	BLM	213
440	F	3	M W F	130-230	BLM	213
440	G	3	M W F	230-330	BLM	213
440	U	3	T TH	700-825 PM	BLM	206
441	A	3	M W F	1030-1130	BLM	206
460	A	4	T TH	730-930	BLM	213

ADMIN THEORY & ORGANIZATNL BEHAVIOR - CONTINUED

460	B	4	T TH	930-1130	BLM	213
460	C	4	T TH	930-1130	BLM	401
460	D	4	T TH	1130-130	BLM	307
460	E	4	T TH	130-330	BLM	213
460	U	4	M W	700-855 PM	BLM	202
463	A	4	T TH	930-1130	BLM	311
*499	A	3	*	*	*	*
*550	A	3	TH	930-1130	✗	✗
*550	B	3	T	130-330	✗	✗
*550	C	3	F	130-330	✗	*
*565	A	3	W	330-530	BLM	414
*571	A	3	*	*	*	*
*572	A	3	*	*	*	*
*575	A	3	M	130-330	✗	✗
*576	A	3	F	330-530	BLM	408
*580	A	3	M	930-1130	✗	*
604	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

BUSINESS COMMUNICATIONS

301	A	4	MT TF	930-1030 MURPHY	BLM	207
301	B	4	MT TF	1030-1130 PECK	BLM	205
301	C	4	MT TF	1130-1230 MURPHY	BLM	205
301	D	4	MT TF	130-230 HARDER	BLM	205
410	A	5	D	830-930 PECK	BLM	311

BUSINESS ECONOMICS

• 300	A	3	T TH	930-1100 PAGE	BLM	304
• 300	B	3	M W F	1130-1230 KRUSE	BLM	212
• 300	C	3	M W F	130-230 SCHALL	BLM	302
• 300	D	3	M W F	230-330 HOPEWELL	BLM	204
• 301	A	4	MT TF	730-830 SCOTT	BLM	202
• 301	B	4	MT TF	830-930 HESS	BLM	204
• 301	C	4	MT TF	930-1030 JOHNSON	BLM	204
• 301	D	4	MT TF	1030-1130 PIGOTT	BLM	204
• 301	E	4	MT TF	1230-130 RICHARDS	BLM	204
• 301	F	4	MT TF	130-230 BORCICH	BLM	202

BUSINESS ECONOMICS - CONTINUED

• 439	A	4	MT TF	930-1030 BORCICH	BLM	302
• *499	A	3	*	*	*	*
• *594	A	3	T	130-330 BORQUE	✗	✗
BUSINESS, GOVERNMENT & S						
• 101	A	5	M W F	930-1030 WHEELER	SAV	233
	AA	QZ	T TH	830-930 EASTMAN	BLM	302
	AB	QZ	T TH	930-1030 EASTMAN	BLM	212
	AC	QZ	T TH	930-1030 STAFF	BLM	306
	AD	QZ	T TH	1130-1230 STAFF	BLM	302
• 200	A	5	D	730-830 GARVEY	BLM	205
• 200	B	5	M W F	830-1000 GRAHAM	BLM	313
• 200	C	5	M W F	1000-1130 JAMIESON	BLM	313
• 200	D	5	M W F	1030-1200 HERMANN	BLM	301
• 200	E	5	M W F	1130-100 SCHUBERT	BLM	302
• 200	F	5	M W F	100-230 GRAHAM	BLM	313
• 200	U	5	M W F	530-700 PM HERMANN	BLM	202
• 307	A	3	M W F	1230-130 SECREST	BLM	206
361	A	3	M W F	130-230 STRONG	BLM	301
• 403	A	5	D	730-830 HAY	BLM	212
• 403	B	5	D	830-930 CARR	BLM	202
• 403	C	5	D	930-1030 CARR	BLM	202
• 403	U	5	T TH	700-910 PM WILLIAMS	BLM	212
• 444	A	4	T TH	830-930 STRONG-HART LANGNESS	✗	✗
	AA	QZ	T TH	1030-1130 BOUDREAUX	BLM	206
	AB	QZ	T TH	1130-1230 LANGNESS	BLM	301
	AC	QZ	M W	1230-130 BOUDREAUX	BLM	305
	AD	QZ	M W	130-230 LANGNESS	BLM	416
	AE	QZ	T TH	130-230 STRONG	BLM	312
	AF	QZ	T TH	230-330 BOUDREAUX	BLM	205
• 444	U	4	T TH	700-855 PM STRONG	BLM	302

BUSINESS, GOVERNMENT & S - CONTINUED

• 445	A	5	D	1130-1230 GOLDBERG	BLM	206
• #499	A	3	*	*	*	*
• #510	A	3	M W	330-500 JAMIESON	BLM	202
• #552	A	3	M	130-330 MARCUS	✕	✕
• #562	A	3	F	130-330 GOLDBERG	✕	✕
• #571	A	3	*	*	*	*
• #572	A	3	*	*	*	*
• #597	A	3	T	930-1130 HART	✕	✕
• #604	A	*	*	*	*	*
• #700	A	*	*	*	*	*
• #702	A	3	*	*	*	*

BUSINESS POLICY

• 470	A	4	M W	730-930	BLM	203
• 470	B	4	T TH	730-930	BLM	203
• 470	C	4	T TH	930-1130	BLM	203
• 470	D	4	T TH	930-1130	BLM	307
• 470	E	4	T TH	1130-130	BLM	203
• 470	F	4	T TH	1130-130	BLM	401
• 470	G	4	T TH	130-330	BLM	203
• 470	H	4	T TH	130-330	BLM	307
• 480	A	5	M W F	1030-1230	BLM	306
• #499	A	3	*	*	*	*
• #571	A	3	*	*	*	*
• #572	A	3	*	*	*	*
• #593	A	3	M	930-1130	BLM	406
• #593	B	3	TH	130-330	BLM	308
• #594	A	3	M	830-1030		

FINANCE

350	A	4	MT TF	930-1030 RACETTE	BLM	205
350	B	4	MT TF	1030-1130 RACETTE	BLM	202
350	C	4	MT TF	1130-1230 CHOATE	BLM	202
350	D	4	MT TF	1230-130 KING	BLM	202
350	E	4	MT TF	130-230 COE	BLM	204
350	F	4	MT TF	230-330 FRENCH	BLM	202
350	U	4	T TH	700-900 PM FRENCH	BLM	204
420	A	4	MT TF	1130-1230 PIGOTT	BLM	414
423	A	4	T TH	230-400 HALEY	BLM	212

FINANCE - CONTINUED

• 427	A	4	MTW F	1030-1130 HENNING	BLM	404
450	A	4	T TH	730-930 HIGGINS	BLM	307
450	B	4	M W	130-330 HALEY	BLM	401
453	A	4	MTW F	230-330 SCHALL	BLM	206
• 460	A	4	MTW F	1030-1130 FRANCIS	BLM	414
461	A	4	MTW F	930-1030 DAMBROSIO	BLM	414
461	B	4	MTW F	130-230	BLM	408
#499	A	3	*	*	*	*
• #502	A	3	M W	130-330 HIGGINS	BLM	312
#521	A	3	T	130-330 SCOTT	BLM	306
#550	A	3	M W	330-500 ALBERTS	BLM	205
#560	A	3	F	130-330 DAMBROSIO	BLM	305
#571	A	3	*	*	*	*
#572	A	3	*	*	*	*
#604	A	*	*	*	*	*
#700	A	*	*	*	*	*
#702	A	3	*	*	*	*

INTERNATIONAL BUSINESS

310	A	5	M W F	830-1000 RUSTIA	BLM	303
320	A	5	M W F	830-1000 NIEDDEREITER	BLM	314
370	A	5	M W F	1100-1230 RUSTIA	BLM	411
470	A	5	M W F	930-1100 KOLDE	BLM	209
#499	A	3	*	*	*	*
#515	A	3	M W	130-300 NIEDDEREITER	BLM	305
#521	A	3	W	330-530 KOLDE	BLM	305
#571	A	3	*	*	*	*
#572	A	3	*	*	*	*
• #599	A	3	M	330-530 KOLDE	BLM	305
#604	A	*	*	*	*	*
#700	A	*	*	*	*	*
#702	A	3	*	*	*	*

MARKETING

• 300	A	4	M W	1230-230 WHEATLEY	BLM	303
301	A	4	T TH	730-930 LANE	BLM	206

MARKETING - CONTINUED

301	B	4	M W	930-1130 ETCHESON	BLM	304
301	C	4	T TH	930-1130 BROCKS	BLM	309
301	D	4	MT TF	1130-1230 STAYNER	BLM	204
301	E	4	T TH	1230-230 NARVER	BLM	206
301	F	4	M W	230-430 GAEDEKE	BLM	303
301	U	4	T TH	700-855 PM DENMAN	BLM	202
350	A	4	T TH	1230-230 MC NABB	BLM	305
• 361	A	4	T TH	830-1030 R. LITTLE	BLM	301
381	A	4	T TH	1230-230 MILLER	BLM	311
401	A	4	M W	1030-1230 BRODY	BLM	211
401	B	4	T TH	1230-230 BRODY	BLM	406
401	U	4	T TH	700-855 PM LEAVENS	BLM	203
• 411	A	4	M W	830-1030 LEAVENS	BLM	301
• 411	B	4	T TH	1230-230 SPENCE	BLM	301
415	A	4	M W	1030-1230	BLM	305
421	A	4	M W	830-1030 DENMAN	BLM	211
421	B	4	T TH	1230-230 OSHIKAWA	BLM	409
491	A	4	T TH	830-1030 MILLER	BLM	211
491	B	4	M W	1230-230 OSHIKAWA	BLM	203
491	C	4	T TH	1030-1230 DENMAN	BLM	211
491	U	4	M W	700-855 PM R. LITTLE	BLM	203
#499	A	3	*	*	*	*
• #500	A	4	T TH	800-1000 NARVER	BLM	313
• #500	B	4	M W	330-530 ETCHESON	BLM	212
#520	A	3	T	330-530 R. LITTLE	BLM	211
#522	A	3	TH	130-330 WHEATLEY	✓	✗
#571	A	3	*	*	*	*
#572	A	3	*	*	*	*
#604	A	*	*	*	*	*
#700	A	*	*	*	*	*
#702	A	3	*	*	*	*

OPERATIONS MANAGEMENT

• 301	A	3	M W F	730-830	BLM	204
• 301	B	3	M W F	830-930	BLM	304
• 301	C	3	M W F	1030-1130	BLM	302
• 301	D	3	M W F	1130-1230	BLM	303

OPERATIONS MANAGEMENT - CONTINUED

• 301	E	3	M W F	130-230	BLM	206
• 301	U	3	T TH	700-825 PM	BLM	205
• 441	A	3	M W F	130-230	BLM	314
• #499	A	3	*	*	*	*
• #500	A	3	W F	800-930	BLM	302
• #520	A	3	T	130-330	*	*
• #521	A	3	F	130-330	BLM	312
• #571	A	3	*	*	*	*
• #572	A	3	*	*	*	*
• #582	A	3	M	330-530	BLM	203
• #585	A	3	TH	130-330	BLM	211
• #604	A	*	*	*	*	*
• #700	A	*	*	*	*	*
• #702	A	3	*	*	*	*

PERSONNEL & INDUSTRIAL REL

301	A	3	M W F	830-930	BLM	305
301	B	3	M W F	930-1030	BLM	411
301	C	3	M W F	1130-1230	BLM	416
301	D	3	M W F	130-230	BLM	414
301	E	3	M W F	230-330	BLM	301
301	U	3	M W	700-825 PM	BLM	301
310	A	5	D	930-1030	BLM	404
• 445	A	3	T TH	1130-130	BLM	405
• 446	A	3	M W F	130-230	BLM	307
450	A	5	M W	830-1030 830-930	BLM	401
#499	A	3	*	*	*	*
#530	A	3	TH	930-1130	✗	✗
• #541	A	3	M	330-530	✗	✗
#571	A	3	*	*	*	*
#572	A	3	*	*	*	*
#604	A	*	*	*	*	*
#700	A	*	*	*	*	*
#702	A	3	*	*	*	*

QUANTITATIVE METHODS

• 200	A	1	T	730-830 P/F ONLY ERNST	BLM	204
• 200	B	1	TH	730-830 P/F ONLY	BLM	204
• 200	C	1	TH	830-930 P/F ONLY	BLM	303
• 200	D	1	T	930-1030 P/F ONLY WENGER	BLM	305
• 200	E	-1	M	230-330 P/F ONLY WENGER	BLM	205

‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

QUANTITATIVE METHODS - CONTINUED

200	F	1	T	230-330 P/F ONLY WENGER	BLM	204
200	G	1	W	430-530 P/F ONLY LEE	BLM	204
201	A	4	M W	730-930	DEN	305
201	B	4	M W	730-930	DEN	111
201	C	4	M W	830-1030	*	*
201	D	4	M W	930-1130	*	*
201	E	4	M W	1030-1230	DEN	305
201	F	4	M W	1030-1230	DEN	111
201	G	4	M W	1130-130	*	*
201	H	4	M W	1230-230	DEN	305
360	A	4	T TH	1030-1230 TAMURA	BLM	305
451	A	4	M W	1230-230 DAELLENBACH	BLM	311
470	A	4	M WTF	930-1030 CHIU	BLM	305
480	A	4	MT TF	230-330 TAMURA	BLM	311
490	A	4	T TH	230-430 PAGE	BLM	305
499	A	3	*	*	*	*
510	A	3	M W	800-930	BLM	309
510	B	3	M W	130-300 BELL	BLM	304
520	A	3	W	130-330 CHIU	BLM	406
550	A	3	W F	930-1100 DAELLENBACH	BLM	406
571	A	3	*	*	*	*
572	A	3	*	*	*	*
604	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

URBAN DEVELOPMENT

310	A	4	MT TF	930-1030 LESSINGER	BLM	206
395	A	4	MT TF	1130-1230 STAFF	BLM	311
496	A	3	F	230-330 SEYFRIED & LESSINGER	BLM	205
520	A	3	W	130-330 LESSINGER	BLM	205
571	A	3	*	*	*	*
572	A	3	*	*	*	*
595	A	3	F	330-530 STAFF	BLM	205
604	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

RISK AND INSURANCE

480	A	4	T TH	930-1130 WICKMAN	BLM	408
499	A	3	*	*	*	*
571	A	3	*	*	*	*
572	A	3	*	*	*	*
604	A	*	*	*	*	*

TRANSPORTATION

310	A	5	D	830-930 BREWER	BLM	404
372	A	3	M W F	130-230 W. LITTLE	BLM	411
440	A	3	M W F	1130-1230 BREWER	BLM	214
471	U	3	T TH	700-825 PM	BLM	301
499	A	3	*	*	*	*
521	A	3	F	930-1130 W. LITTLE	*	*
571	A	3	*	*	*	*
572	A	3	*	*	*	*
604	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

COLLEGE OF EDUCATION

EDUCATION

288	A	1	T T/TH	130-230 830-1130 OR 930-1230 BOROUGHES, FOSTER, HOLBEIN	HUB HUB	184 184
289	A	3	*	* BOROUGHES, FOSTER	*	*
304	A	5	M W F	830-930 HAUCK	MLR	301
	AA	QZ	T TH	830-930	EGA	152
	AB	QZ	T TH	830-930	EGA	153
	AC	QZ	T TH	830-930	BLM	312
	AD	QZ	T TH	830-930	MLR	104
	AE	QZ	T TH	830-930	DEN	306
304	B	5	M W F	930-1030 EVANS	MLR	301
	BA	QZ	T TH	930-1030	EGA	151
	BB	QZ	T TH	930-1030	GUG	408
	BC	QZ	T TH	930-1030	EGA	152
	BD	QZ	T TH	930-1030	GUG	411
	BE	QZ	T TH	930-1030	EGA	153
304	C	5	M W F	130-230 SMITH	MLR	301
	CA	QZ	T TH	130-230	MLR	316
	CB	QZ	T TH	130-230	EGA	152
	CC	QZ	T TH	130-230	MUS	313
	CD	QZ	T TH	130-230	SMI	313
	CE	QZ	T TH	130-230	EGA	153

EDUCATION - CONTINUED

EDUCATION - CONTINUED

308	A	3	M W F	1030-1130 SAX	*	*
308	B	3	M W F	230-330 PECKHAM	MLR	301
308	C	3	T TH	330-500 DEBRULER	MLR	301
308	U	3	M W	700-825 PM NEWELL	MLR	301
318	A	3	M W F	130-230 MAC DONALD	MLR	316
319	A	2	T TH	130-230 JOHNSON	ART	216
320	A	3	M W F	130-330 RAVEN	ART	207
329E	EA	3	M W F	130-230 F. NOSTRAND	EGA	151
329S	SA	3		WITH 329E EA		
329X	XA	3		WITH 329E EA		
330	A	3	M W F	1030-1130 RABURA	EGA	153
331	A	3	T	330-530 BURG	SMI	103
332	A	5	M W F	830-930 MC ADAMS	RAI	310
	AA QZ		M W	930-1030 MC ADAMS	RAI	310
336	A	3	T TH	330-445 DUBISCH	PHY	150
338	A	2	T TH	1130-1230 BRANNAN	HUT	211
338	B	2	W	430-630 REEVES	SMI	405
*339	A	2	T TH	1130-1230 PEEK	EDP	302
343E	EA	3	M W F	830-930 FRIEDRICH	PDL	A215
343S	SA	3		WITH 343E EA		
343X	XA	3		WITH 343E EA		
344	A	2	*	* ARESTAD, JOHNSON	*	*
368	A	3	TH	130-430 JOHNS	SMI	307
370S	SA	2	TH	830-1030 COLLINS	SMI	307
*371E	EA	5-15	M	430-530 800-400 BOROUGHGS, FOSTER	HUB	184
			D		*	*
*371K	KA	5-15	M	430-530 800-400 BOROUGHGS, FOSTER	HUB	184
			D		*	*
*371S	SA	5-15	M	430-530 800-400 BOROUGHGS, FOSTER	HUB	184
			D		*	*
*371X	XA	5-15	M	430-530 800-400 BOROUGHGS, FOSTER	HUB	184
			D		*	*
374E	EA	3	M W F	830-930 SEBESTA	MLR	102
374E	EB	3	M W F	1030-1130 SEBESTA	MLR	102

374E	EC	3	T TH	230-345 MONSON	MLR	112
374S	SA	3	T TH	130-245 FEA	MLR	104
375H	HA	3	T TH	830-945 MONSON	MLR	102
375H	HB	3	M W F	230-330 KITTELL	SMI	311
375H	HC	3	M W F	230-330 MAC DONALD	MLR	112
375J	JA	3		WITH CMU 375J		
375M	MA	3	M W F	930-1030 HUNKINS	MLR	102
375M	MB	3	M W F	230-330 HUNKINS	SMI	309
375M	MC	3	M W	230-345 HAMIL	SMI	313
375S	SA	3	M W F	830-930 ARONS	MLR	202
375S	SB	3	M W F	1030-1130 MILLER	MLR	202
375S	SC	3	M W F	230-330 BEISENHERZ	MLR	202
375S	SD	3	*	* M-STEP ONLY	*	*
376	A	3	M W F	930-1130 KOENIG	ART	010
376	B	3	M W F	1130-130 SMITH	ART	010
376	C	3	M W F	330-530 SOLBERG	ART	010
377	A	3	D	930-1030 SWANSON	MUS	313
377	B	3	D	1030-1130 CUNHA	MUS	313
378	A	3	MTWT	130-330 MEN PEEK	EDP	224
378	B	3	T TH	400-600 WOMEN STOELT	HUT	211
379	A	3	M W F	1030-1130 VOPNI	SMI	311
379	B	3	M W F	230-330 LEPSE	SMI	307
379	C	3	*	* M-STEP ONLY	*	*
382	A	5	M W F	130-430 BAILY	EGA	110
384	A	2	T TH	130-330 BAILY	EGA	110
386	A	4	M W F T TH	830-1030 830-930 BAILY	MEB MEB	104 104
387	A	1-5	*	* BAILY	*	*
401	A	3	M W	930-1100 CALDWELL	MLR	104
404	A	3	T TH	1030-1200 MONTGOMERY	MLR	102
404	B	3	TH	430-630 HAYDEN	MLR	102

EDUCATION - CONTINUED

405	A	3	T	430-630 AFFLECK	SMI	405
407	A	3	T	430-630 FREEHILL	SMI	102
409	A	3	TH	430-630 MONTGOMERY	MLR	104
*409H	A	6	M W	430-630 LOWENBRAUN	MLR	102
410	A	3	M W	130-300	MLR	102
411	A	3	W	430-630 LOVITT	SMI	409
• 413	A	3	M	430-630 MC CARTIN	MLR	104
• 414	A	3	T	930-1230 FARGO	MLR	104
415	U	3	TH	700-950 PM BAILY	MEB	252
*416	A	3	TH	430-630 NOLEN	MUS	216
*418	A	3	W	430-630 AULD	MUS	216
420	A	3	TH	430-630 MAC DONALD	SMI	307
*422	A	3-5	D	300-500 HORTON	MLR	316
*425B	BA	3	TH	430-630 HORTON	MLR	310
445	A	3	T TH	430-630 BAILY	MEB	252
447	A	3	T	430-630 MC BEATH	SMI	305
455	A	3	M W	930-1100 HAWK	MLR	407
455	B	3	TH	430-700 BLACKWELL	MLR	407
457	A	3	T *	130-430 1 HR LB * HAWK	MLR *	407 *
• *471E	EA	4-16	M D	430-530 800-400 BOROUGH, FOSTER	HUB *	184 *
• *471S	SA	4-16	M D	430-530 800-400 BOROUGH, FOSTER	HUB *	184 *
• *471X	XA	4-16	M D	430-530 800-400 BOROUGH, FOSTER	HUB *	184 *
475B	BU	3	M	700-900 PM VOPNI	MLR	104
475H	HA	3	W	430-630 KITTEL	MLR	112
475M	MA	3	T	430-630 KALTSOUNIS	SMI	307
479	A	3	M W	130-300	MLR	104
480	A	3	T TH	130-300 BURGESS	MLR	102
488	A	3	T TH	1030-1200 BRUBACHER	MLR	302B

EDUCATION - CONTINUED

488	B	3	T TH	130-300 BRUBACHER	MLR	302B
490	A	3	T TH	430-600 PECKHAM	SMI	309
495	A	3	T TH	1030-1200 BURGESS	* *	
*499	A	2-5	*	*	*	*
*500	A	3/6	*	*	*	*
*501B	BA	3	T	430-630 FEA	SMI	409
502B	A	3	M	430-630 CALDWELL	MUS	216
*506	A	2-10	*	* AFFLECK	*	*
• 511	A	3	M W	1030-1200 LOVITT	EGA	152
513	A	3	TH	830-1130 FARGO	MLR	302A
*515	A	3	M	430-630 AFFLECK	EGA	152
• 515J	A	1-2	M	1230-230 ISLAND	EGA	153
• 515J	B	1-2	M	230-430 FORSTER	EGA	153
520	A	3	M W	130-300 TRI U STUDENTS TORKELSON	MLR	420
520	B	3	TH	430-630 HAWK	MLR	420
• 522	A	5	T TH	130-300 DRISCOLL	MLR	420
525	A	3	T	430-630 FOSTER	MLR	104
526	A	3	TH	430-630 ANDERSON	MLR	307
529	A	3	TH	430-630 STRAYER	MLR	302B
*535	A	3	S	900-1130 ANDREWS	MLR	307
536	A	1-6	*	* ANDERSON, STRAYER, ANDREWS, DANOWSKI, OSTRANDER	* *	
*540	A	5	MTWT	1030-1230 MEACHAM	MLR	316
542	A	3	W	430-630 SALYER	MLR	104
544	A	5	M W	430-630 BRAMMER	MLR	307
• *545	A	3-6	T TH	830-1030 LEE	MLR	316
*545	B	3-6	M W	330-530 LAWRENCE	MLR	310
*546	A	2-12	*	* ISLAND, BROWN, FORSTER, MEACHAM, FREEHILL, LEE	*	*
548	A	5	D	830-930 OLCH	MLR	310
552	A	3	M	430-630 REITAN	MLR	302B
553	A	3	T	430-630 LARSEN	MLR	310

EDUCATION - CONTINUED

555	A	3	W	430-630 LARSEN	MLR	106
*556	A	3-10	M	330-600 NW PART-TIME INST TORKELSON	MLR	407
*556	B	3-10	*	* REITAN	*	*
*556	U	3-10	M	700-1000 PM NW PART-TIME INST DRISCOLL	MLR	407
557	A	3	TH	430-630 SCHILL	MLR	302A
558	A	3	T	430-630 MADSEN	MLR	302B
561	A	3	M	430-630 HUNKINS	MUS	219
562	A	3-9	*	* HUNKINS	*	*
• 563	A	3	W	430-630 OSTRANDER	MUS	219
• 564	A	3	M W	830-1030 BROWN	MLR	316
568	A	3	T	430-630 ANDERSON	MUS	216
571	A	3	TH	430-630 CLEGG, MC CARTIN	MLR	106
576E	A	3	M	430-630 OLSTAD	MLR	202
576S	A	3		WITH 576EA		
577E	A	3	W	430-630 VOPNI	EGA	152
577S	SA	3		WITH 577EA		
578E	A	3	M W	300-430 TRI U STUDENTS KALTSOUNIS	MLR	302B
578S	A	3	W	430-630 KARDATZKE	MUS	223
*589	A	3	T TH	1030-1200 TOSTBERG	EGA	153
591	A	3	T TH	1030-1200 CLARK	MLR	310
591	B	3	T TH	130-300 PECKHAM	MLR	310
591	C	3	M W	430-600 SAX	EGA	153
592	A	3	M W F	930-1030 KLOCKARS	EGA	152
• 593	A	5	M W F	1100-1230 KLOCKARS	MLR	104
• *599	A	*	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
702	A	3	*	*	*	*

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COLLEGE OF ENGINEERING

AERONAUTICS & ASTRONAUTICS

200	A	2	T TH	230-330 BOLLARD	GUG	317
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AERONAUTICS & ASTRONAUTICS - CONTINUED

302	A	3	M W F T	830-930 830-1030 DECHER	GUG GUG	306 306
302	B	3	M W F T	830-930 830-1030 RAE	GUG GUG	405 405
322	A	3	T	130-230 OATES	GUG	317
	AN	LB	T	230-530 OATES	GUG	213
	AO	LB	W	230-530 DECHER	GUG	213
	AP	LB	TH	230-530 PARMETER	GUG	213
332	A	3	M W F TH	930-1030 830-1030 DILL	GUG GUG	306 306
332	B	3	M W F TH	930-1030 830-1030 ORTEGA	GUG GUG	405 405
390N	A	0	TH	1230-130 EASTMAN	GUG	317
391N	A	0		WITH 390N		
392	A	1		WITH 390N		
402	A	3	M W F	1030-1130 RUSSELL CHRISTIANSEN	GUG	317
412	A	3	M W F TH	1230-130 130-330 VAGNERS	GUG GUG	306 306
432	A	3	M W F	230-330 MARTIN	GUG	306
• 442	A	3	M W	930-1030	GUG	317
	AN	LB	T	130-430 JOPPA	GUG	404
	AO	LB	TH	130-430 JOPPA	GUG	404
	AP	LB	S	930-1230 JOPPA	GUG	306
451	A	3	M W F	830-930	GUG	411
462	A	3	M W F	330-430 EASTMAN	GUG	306
*499	A	2-5	*	*	*	*
502	A	3	M W F	1230-130 STREET	GUG	411
506	A	3	M W F	930-1030 AHLSTROM	GUG	411
509	A	3	M W F	930-1030 STREET	GUG	404
512	A	3	M W F	1130-1230 AHLSTROM	GUG	306
519	A	3	*	*	*	*
520N	A	0	M	330-500	GUG	317
521N	A	0		WITH 520N		
522	A	1		WITH 520N		
523	A	1.5	T	1030-1200 HERTZBERG	GUG	306
• 525	A	3	M W F	230-330 OATES	GUG	405
533	A	3	M W F	930-1030 PARMETER	GUG	408

AERONAUTICS & ASTRONAUTICS - CONTINUED

541	A	3	M W F	1130-1230 MARTIN	GUG	404
546	A	3	T TH	1000-1130	LOW	219
555	A	3	*	*	*	*
569J	A	3	M W F	830-930 HOLSAPPLE	GUG	317
569J	B	3	M W F	1230-130 PEARSON	GUG	317
572	A	3	M W F	1130-1230 FYFE	GUG	317
577	A	3	W F	330-500 KEVORKIAN	GUG	404
582	A	3	M W F	1030-1130 DILL	GUG	306
583	A	3	*	*	*	*
• 589	A	3	M W F	130-230 PEARSON	GUG	408
*599	A	2-5	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
702	A	3	*	*	*	*

CHEMICAL ENGINEERING

210	A	4	MTW F	830-930 SLEICHER	BNS	117
340	A	3	M W F	1130-1230 DAVID	BNS	117
472	ZN	2	T TH	130-430 GARDNER	*	*
481	A	3	M W F	930-1030 SATHER	BNS	115
486	A	4	M W F	1130-1230 JOHANSON	*	*
	AN LB		T	830-1130 JOHANSON	BNS	236
	AO LB		T	130-430 JOHANSON	BNS	236
	AP LB		TH	130-430 JOHANSON	BNS	236
499 H	ZN	1-6	*	*	*	*
522	A	1	M	330-530 SLEICHER	BNS	117
523	A	0-3	M	330-530 SLEICHER	BNS	117
532	A	3	M W F	1130-1230 HEIDEGER	BNS	115
570	A	3	M W F	830-930 ALLAN	*	*
575	A	3	M W F	1030-1130 FINLAYSON	BNS	115
580	A	3	M W F	930-1030 BERG	BNS	203
*600	A	*	*	*	*	*
700	A	*	*	*	*	*

CIVIL ENGINEERING

201	A	2	T TH M W F	230-530 230-330 1ST 5 WKS	MOR MOR	214 214
202	A	3	T TH M W F	230-530 230-330 2ND 5 WKS	MOR MOR	214 214
291	A	3	M T	830-930	LOW	101
	AA QZ		T T	830-1030 830-1030	MOR MOR	221 223
	AB QZ		M M	230-430 230-430	MOR MOR	221 223
	AC QZ		T T	230-430 230-430	MOR MOR	221 223
	AD QZ		W W	230-430 230-430	MOR MOR	221 223
291	B	3	T F	930-1030	LOW	101
	BA QZ		TH TH	830-1030 830-1030	MOR MOR	221 223
	BB QZ		W W	1130-130 1130-130	MOR MOR	221 223
	BC QZ		TH TH	1230-230 1230-230	MOR MOR	221 223
	BD QZ		W W	230-430 230-430	MOR MOR	221 223
291	C	3	M T	1030-1130	LOW	101
	CA QZ		W W	930-1130 930-1130	MOR MOR	221 223
	CB QZ		T T	1130-130 1130-130	MOR MOR	221 223
	CC QZ		W W	230-430 230-430	MOR MOR	221 223
	CD QZ		M M	630-830 PM 630-830 PM	MOR MOR	221 223
291	D	3	T F	1130-1230	LOW	101
	DA QZ		TH TH	1130-130 1130-130	MOR MOR	221 223
	DB QZ		W W	130-330 130-330	MOR MOR	221 223
	DC QZ		W W	230-430 230-430	MOR MOR	221 223
	DD QZ		TH TH	230-430 230-430	MOR MOR	221 223
292	A	3	M T	930-1030	LOW	101
	AA QZ		T T	1230-230 1230-230	MOR MOR	221 223
	AB QZ		M M	330-530 330-530	MOR MOR	221 223
	AC QZ		W W	330-530 330-530	MOR MOR	221 223
	AD QZ		T T	630-830 PM 630-830 PM	MOR MOR	221 223
292	B	3	T F	1030-1130	LOW	101
	BA QZ		TH TH	930-1130 930-1130	MOR MOR	221 223
	BB QZ		W W	230-430 230-430	MOR MOR	216 223
	BC QZ		W W	330-530 330-530	MOR MOR	221 223
	BD QZ		TH TH	330-530 330-530	MOR MOR	221 223
292	C	3	M T	1130-1230	LOW	101

CIVIL ENGINEERING - CONTINUED

CA	QZ		W W	830-1030 830-1030	MOR MOR	221 223
CB	QZ		T T	930-1130 930-1130	MOR MOR	221 223
CC	QZ		T T	330-530 330-530	MOR MOR	221 223
CD	QZ		W W	330-530 330-530	MOR MOR	221 223
293	A	3	MTW F	830-930	MOR	224
293	B	3	MTW F	930-1030	MOR	224
293	C	3	MTW F	130-230	MOR	224
293	U	3	T TH	615-815 PM	MOR	228
310	A	5	M W F W F	1130-1230 130-430 SAWHILL	MOR MOR	212 212
• 316	A	4	M W F TH	830-930 830-1230	MOR MOR	108 108
• 316	B	4	M W F T	130-230 830-1230 COLCORD	MOR MOR	108 108
• 316	C	4	M W F TH	230-330 130-530 VERESS	MOR MOR	108 108
• 316	D	4	M W F T	1130-1230 130-530 COLCORD	MOR MOR	108 108
342	A	4	M W F T	830-930 1030-1230	HYD HYD	320 320
342	B	4	M W F T	930-1030 830-1030	HYD HYD	316 316
342	C	4	M W F TH	1030-1130 130-330	HYD HYD	320 320
342	D	4	M W F TH	1130-1230 230-430	HYD HYD	316 316
342	E	4	M W F TH	230-330 830-1030	HYD HYD	316 316
345	A	3	M F T	830-930 830-1030	HYD HYD	316 312
345	B	3	M F T	830-930 1030-1230	HYD HYD	312 312
345	C	3	M F TH	1030-1130 1030-1230	HYD HYD	312 312
350	A	3	M F W	930-1030 830-1030 CARLSON	MOR MOR	214 214
363	A	3	M W F	1030-1230 MILLER	MOR	228
364	A	3	T TH	130-230 TERREL	MOR	228
AN	LB		T TH	230-430	MOR	216
AO	LB		W F	230-430	MOR	323B
366	A	3	M W F	330-530	MOR	228
366	B	3	M W F	330-530	MOR	224
380	A	2	T TH	1030-1230 HAWKINS	MOR	215
381	A	3	M W F	1030-1230 CLANTON	MOR	215
382	A	3	M W F	130-330 WESSMAN	*	*
382	B	3	M W F	130-330 MITTET	MOR	215

CIVIL ENGINEERING - CONTINUED

405	A	3	M W *	1030-1130 *	MOR *	219 *
405	U	3	W *	700-930 PM *	MOR *	219 *
419	A	3	M W *	330-530 *	MOR *	108 *
421	A	3	M W F	COLCORD 830-930 MATTESON	MOR	215
424	A	3	T TH	1030-1230 SHERIF	MOR	212
• 425	A	3	M W	830-930 HORWOOD	MOR	228
448	A	3	T TH	1030-1230	HYD	316
• 452	A	3	T TH	130-330 MAR	MOR	323B
455	A	3	M W T	1130-1230 830-1030	MOR MOR	319 319
459	A	3	T TH TH	130-230 230-530 WELCH	MOR MOR	315 315
• 461	A	3	M W TH	330-430 1230-130 ROSSANO	MOR MOR	319 319
481	A	3	M W F	330-530 HAWKINS	MOR	219
484	A	3	M W F	130-330 NICHOLLS	MOR	228
• 498	A	1-5	*	*	*	*
• 498	B	3	T TH	330-530 MATTOCK	MOR	212
• 499	A	2-5	*	*	*	*
512	A	2	T	830-1030 SAWHILL	MOR	212
513	A	3	TH *	830-1030 * SAWHILL	MOR *	212 *
518	A	3	M W F *	1030 * VERESS	MOR *	108 *
• 520	H	1	*	*	*	*
• 520	M	1	*	*	*	*
• 520	T	1	*	* SAWHILL	*	*
• 520	W	1	T	1230-130 CHARLSON	MOR	214
524	A	3	T TH	130-330	MOR	212
529J	A	3	T *	330-530 *	MOR *	224 *
543	A	3	M W F	730-830 NECE	MOR	219
544	A	3	M W	400-600 RICHEY	HYD	312
• 545	A	3	M W F	230-330 HUNT	MOR	224
547	A	3	T TH	830-1030 CAMPBELL	MOR	323B
552	A	3	M W TH	230-330 330-530 BOGAN	MOR MOR	319 319
554	A	3	M T F	130-230 230-530 CHRISTMAN	MOR MOR	319 314

CIVIL ENGINEERING - CONTINUED

555	A	3	M W F	1230-130 BOGAN	MOR	219
556	A	3	M W F	1130-1230 CARLSON	MOR	216
557	A	3	M W F	1030-1130 1030-1230	MOR MOR	323B 323B
561B	A	3	M F T	1130-1230 830-1030 ROSSANO	MOR MOR	315 315
563	A	3	TW F	130-230 ROSSANO	MOR	216
564B	BA	3	*	* CHARLSON	*	*
569	A	3	M W F	830-930 MEESE	MOR	219
572	A	3	M W F	930-1030 SERGEV	MOR	228
575	A	3	T TH	830-1000 HARTZ	MOR	228
577	A	3	M W F	830-930	MOR	212
• 579	A	3	M W F	330-430 NICHOLLS	MOR	215
583	A	3	T TH	930-1130 VASARHELYI	*	*
587	A	3	M W F	1030-1130 VASARHELYI	MOR	224
591	A	3	M W F	1030-1130 EVANS	MOR	212
594	A	3	M W F	1130-1230 EVANS	MOR	224
•599	A	2-5	*	*	*	*
•600	A	*	*	*	*	*
•700	A	*	*	*	*	*
702	A	3	*	*	*	*

ELECTRICAL ENGINEERING

231	A	5	M W F	930-1030	*	*
	AA QZ		T TH	830-1030	EEB	216
	AB QZ		T TH	1230-230	EEB	216
233	A	4	M W F	1030-1130	EEB	322
	AA QZ		T	1030-1230	EEB	329
	AB QZ		T	230-430	EEB	329
234	ZN	1	TH TH	830-930 930-1130	EEB EEB	333 221
234	ZO	1	M M	230-330 330-530	* EEB	* 221
234	ZP	1	W W	230-330 330-530	EEB EEB	318 221
• #299	A	1-5	*	*	*	*
303	A	5	M W F	830-930	MEB	G009
	AA QZ		T	830-1030	MEB	248
	AB QZ		T	1230-230	MEB	246
	AN LB		TH	830-1130	EEB	102
	AO LB		W W	1230-130 130-330	EEB EEB	218 102
	AP LB		TH	130-430	EEB	102
303	B	5	M W F	1130-1230	EEB	316
	BA QZ		TH	1030-1230	EEB	329

ELECTRICAL ENGINEERING - CONTINUED

	BB QZ		TH	230-430	EEB	329
	BN LB		T T	830-930 930-1130	EEB EEB	333 102
	BO LB		T T	130-230 230-430	EEB EEB	321 102
	BP LB		F F	230-330 330-530	EEB EEB	329 102
• 304	ZN	1	M	230-530	EEB	102
• 304	ZO	1	W W	330-430 430-630	EEB EEB	218 102
305	A	5	M W F	930-1030	EEB	318
	AA QZ		TH	830-1030	EEB	318
	AN LB		T T	830-930 930-1130	* EEB	* 117
• 315	A	4	M W F	930-1030	EEB	322
	AA QZ		TH	830-1030	EEB	218
	AB QZ		TH	1230-230	EEB	218
• 315	B	4	M W F	1030-1130	EEB	316
	BA QZ		T	1030-1230	EEB	218
	BB QZ		T	230-430	EEB	218
• 315	U	4	M W	530-645 PM	EEB	216
	UA QZ		TH	530-715 PM	EEB	216
• 316	ZN	1	TH	830-1130	EEB	117
• 316	ZO	1	T T	130-230 230-430	EEB *	322 *
• 316	ZP	1	TH TH	130-230 230-430	EEB *	322 *
• 316	ZQ	1	M M	230-330 330-530	EEB *	322 *
• 316	ZR	1	W W	230-330 330-530	EEB *	322 *
• 316	ZS	1	F F	230-330 330-530	EEB EEB	322 117
• 316	ZU	1	M M	700-800 PM 800-1000 PM	EEB EEB	216 117
• 317	A	4	M W F	1030-1130	MEB	237
	AA QZ		T	1030-1230	*	*
• 318	ZN	1	TH	130-430	EEB	221
• 318	ZO	1	F F	230-330 330-530	EEB EEB	216 221
321	A	4	M W F	830-930	EEB	322
	AA QZ		T	830-1030	EEB	327
	AB QZ		T	1230-230	EEB	327
321 H	B	4	M W F	930-1030	EEB	218
	H BA QZ		TH	230-430	EEB	218
321	C	4	M W F	1130-1230	EEB	322
	CA QZ		TH	1030-1230	EEB	316
	CB QZ		TH	230-430	EEB	316
323	A	4	M W F	930-1030	EEB	321
	AA QZ		TH	830-1030	EEB	316
	AB QZ		TH	1230-230	EEB	316
324	ZN	2	T	130-530	EEB	332
324	ZO	2	TH	130-530	EEB	332
324	ZP	2	M	230-630	EEB	332
324	ZQ	2	W	230-630	EEB	332

ELECTRICAL ENGINEERING - CONTINUED

ELECTRICAL ENGINEERING - CONTINUED

325	A	4	M W F	830-930	EEB	327
	AA QZ		T	830-1030	EEB	321
343	A	5	M W F	1030-1130	EEB	321
	AA QZ		T	1030-1230	EEB	318
	AB QZ		T	230-430	EEB	318
	AN LB		TH	130-230	EEB	327
			TH	230-530	EEB	117
	AO LB		M	230-330	EEB	327
			M	330-630	EEB	117
343	B	5	M W F	1130-1230	EEB	321
	BA QZ		TH	1030-1230	EEB	318
	BB QZ		TH	230-430	EEB	318
	BN LB		T	130-230	EEB	316
			T	230-530	EEB	117
	BD LB		W	230-330	EEB	327
			W	330-630	EEB	117
361	A	4	M W F	830-930	MEB	242
	AA QZ		T	830-1030	EEB	318
	AB QZ		T	1230-230	EEB	318
361 H	B	4	M W F	930-1030	EEB	329
	H BA QZ		TH	830-1030	EEB	329
361	C	4	M W F	930-1030	MEB	G006
	CA QZ		TH	830-1030	EEB	321
	CB QZ		TH	1230-230	EEB	321
● 362	ZN	1	T	130-430	EEB	110
● 362	ZO	1	M	230-530	EEB	110
● 362	ZP	1	W	230-530	EEB	110
363	A	4	M W F	830-930	EEB	218
	AA QZ		T	830-1030	EEB	218
	AB QZ		T	1230-230	EEB	218
363	U	4	M W	530-645 PM	EEB	218
	UA QZ		TH	530-715 PM	EEB	218
● 364	ZN	1	T	830-930	EEB	322
			T	930-1130	EEB	221
● 364	ZO	1	M	230-330	EEB	318
			M	330-530	*	*
● 364	ZP	1	F	230-330	EEB	327
			F	330-530	*	*
● 364	ZU	1	M	700-800 PM	EEB	218
			M	800-1000 PM	EEB	221
365	A	4	M W F	830-930	MEB	103
	AA QZ		T	830-1030	EEB	329
	AB QZ		T	1230-230	EEB	329
366	ZN	1	TH	130-230	EEB	333
			TH	230-430	*	*
366	ZO	1	M	230-330	EEB	329
			M	330-530	EEB	221
366	ZP	1	W	230-330	EEB	333
			W	330-530	*	*
● †399	A	1-5	*	*	*	*
400	A	5	M W F	1130-1230	EEB	318
	AA QZ		TH	1030-1230	EEB	216
	AB QZ		TH	230-430	EEB	327
	AN LB		T	830-1130	*	*

	AD LB		T	230-530	EEB	316
			T	330-530	*	*
	AP LB		W	230-330	EEB	329
			W	330-530	*	*
● 421	A	4	T TH	1030-1230	*	*
433	A	3	M W F	130-230	EEB	322
441	A	3	M W F	130-230	EEB	321
453	A	3	T TH	1230-130	EEB	333
			F	230-530	EEB	333
469	A	4	M W F	1130-1230	EEB	216
	AN LB		TH	230-530	EEB	216
475	A	4	M W F	1030-1130	EEB	218
	AN LB		T	130-230	EEB	333
			T	230-530	EEB	221
477	A	4	M W F	930-1030	EEB	327
	AA QZ		TH	830-1030	EEB	327
● 478J	A	4	T TH	1030-1230	EEB	322
479	A	4	MTW F	830-930	EEB	316
481	A	4	M W F	1230-130	EEB	333
	AN LB		M	230-530	EEB	333
483	A	3	M W F	930-1030	EEB	316
493	A	3	M W F	730-830	EEB	216
● 498	A	3	M W	230-430	EEB	216
†499	A	2-5	*	*	*	*
†499 H	B	2-5	*	*	*	*
502	A	3	M W F	1030-1130	EEB	216
505	A	4	M W	1230-230	EEB	216
● 507	A	3	M W F	230-330	EEB	218
512	A	3	M W F	830-930	EEB	216
● 513	A	3	M W F	1030-1130	EEB	318
532	A	4	M W F	1130-1230	EEB	218
			TH	1030-1230	EEB	218
535	A	4	M W F	1230-130	EEB	318
	AN LB		*	*	*	*
546	A	3	M W F	830-930	EEB	318
● 547	A	3	M W F	1130-1230	EEB	333
567	A	4	MTW F	1230-130	EEB	316
574	A	4	MTW F	930-1030	EEB	333
579	A	3	M W F	830-930	EEB	333
580	A	4	T TH	1030-1230	EEB	327
583	A	4	M W F	130-230	EEB	318
585	A	3	M W F	930-1030	EEB	216
588	A	3	M W F	830-930	EEB	329
590	A	2-5	T	230-530	EEB	321
595	A	3	M W F	130-230	EEB	316
†599	A	*	*	*	*	*
†600	A	*	*	*	*	*
700	A	*	*	*	*	*
GENERAL ENGINEERING						
104	AA	3	M W F	830-1030	GEB	323

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

GENERAL ENGINEERING - CONTINUED

104	AB	3	M W F	1030-1230	GEB	325
104	AC	3	M W F	130-330	GEB	323
105	AA	3	M W F	830-1030	GEB	325
105	AB	3	M W F	1030-1230	GEB	323
105	AC	3	M W F	130-330	GEB	325
105	AD	3	M W F	330-530	GEB	325
107	AA	2	T TH	930-1130	GEB	228
111	AA	3	M W F	830-1030	GEB	222
111	AB	3	M W F	1030-1230	GEB	222
111	AC	3	M W F	130-330	GEB	222
112	AA	3	MTW F	830-930	GEB	223
112	AB	3	M WTF	830-930	GEB	225
112	AC	3	MTW F	930-1030	GEB	223
112	AD	3	M WTF	930-1030	GEB	225
112	AE	3	MTW F	1030-1130	GEB	223
112	AF	3	M WTF	1030-1130	GEB	225
112	AG	3	MTW F	1130-1230	GEB	223
112	AH	3	M WTF	1130-1230	GEB	225
112	AI	3	MTW F	1230-130	GEB	223
112	AJ	3	MTW F	130-230	GEB	223
112	AK	3	M WTF	130-230	GEB	225
112	AL	3	MTW F	230-330	GEB	223
112	AM	3	M WTF	230-330	GEB	225
112	BA	3	MTW F	330-430	GEB	223
112	BB	3	M WTF	330-430	GEB	225
115	AA	2	T TH	830-930 830-1030	GEB GEB	222 222
115	AB	2	T TH	930-1030 930-1130	GEB GEB	229 229
115	AC	2	T TH	1030-1130 1030-1230	GEB GEB	222 222
115	AD	2	T TH	1130-1230 1030-1230	GEB GEB	323 323
115	AE	2	T TH	130-230 130-330	GEB	324 *
115	AF	2	T TH	130-230 130-330	GEB GEB	328 328
115	AG	2	T TH	130-230 130-330	GEB GEB	226 226
115	AH	2	T TH	230-330 230-430	GEB GEB	222 222
115	UA	2	W	700-1000 PM	GEB	324
121	AA	3	T TH	830-1130	GEB	327
121	AB	3	T TH	130-430	GEB	327
121	AC	3	T TH	130-430	GEB	329
• 215	A	3	M W F	330-430	GEB	222
351	A	1	TH	1130-1230 SEED	GEB	223
390	A	3	M W F	230-330 DOUTHWAITE	GEB	327
HUMANISTIC-SOCIAL STUDIES						
265	A	3	M W F	830-930	LOW	222
265	B	3	M W F	930-1030	LOW	222

HUMANISTIC-SOCIAL STUDIES - CONTINUED

270	A	2	T TH	930-1030	LOW	222
270	B	2	T TH	930-1030	LOW	220
270	C	2	T TH	1030-1130	LOW	220
270	D	2	T TH	1030-1130	LOW	222
270	E	2	T TH	1130-1230	LOW	220
270	F	2	T TH	130-230	LOW	222
302	A	3	M W F	930-1030	LOW	220
331	A	3	M W F	830-930	GUG	408
331	B	3	M W F	930-1030	MEB	G005
331	C	3	M W F	1030-1130	MEB	235
331	D	3	M W F	1130-1230	EEB	327
331	E	3	M W F	130-230	MEB	232
332	A	3	M W F	830-930	MEB	G006
332	B	3	M W F	1030-1130	MEB	240
332	C	3	M W F	1130-1230	GUG	411
332	D	3	M W F	130-230	MEB	G009
333	A	3	M W F	830-930	MEB	237
333	B	3	M W F	930-1030	MEB	243
333	C	3	M W F	1130-1230	GUG	408
333	D	3	M W F	130-230	MEB	G005
333	E	3	M W F	1230-130	MEB	G005
491	A	3	M W F	830-930	MEB	243
491	B	3	M W F	1030-1130	MEB	252
491	C	3	M W F	130-230	MEB	234
491	D	3	M W F	1130-1230	EEB	329
492	A	3	M W F	830-930	MEB	240
492	B	3	M W F	1030-1130	MEB	243
492	C	3	M W F	1230-130	MEB	G009
493	A	3	M W F	930-1030	MEB	G009
493	B	3	M W F	1030-1130	MEB	238
493	C	3	M W F	1130-1230	MOR	219

MECHANICAL ENGINEERING

202	A	1	M	130-430	EGA	152
203	A	1	W	130-430	EGA	153
• 204	A	3	T TH	830-930	EGA	151
	AN LB		T	930-1230	EGA	101
	AO LB		TH	930-1230	EGA	101
• 204	B	3	T TH	130-230	EGA	151
	BN LB		T	230-530	EGA	101
	BO LB		TH	230-530	*	*
215	A	3	M W F	830-930	MEB	245
215	B	3	M W F	930-1030	MEB	245
215	C	3	M W F	1130-1230	MEB	247
222	ZN	2	T TH	830-930 830-1130	MEB MEB	G019 G032

MECHANICAL ENGINEERING - CONTINUED

222	ZO	2	TH	830-930	MEB	G020
			T	830-1130	MEB	G032
222	ZP	2	M	130-230	MEB	G019
			W	130-430	*	*
222	ZQ	2	T	130-230	MEB	G021
			TH	130-430	MEB	G032
● 261	A	3	M W F	930-1030	MEB	246
● 261	B	3	M W F	1030-1130	MEB	246
263	A	3	M W F	930-1030	MEB	247
263	B	3	M W F	1130-1230	MEB	240
● 308	A	3	M W	830-930	EGA	152
	AN LB		M	130-430	EGA	101
	AO LB		W	130-430	EGA	101
● 308	B	3	T TH	1130-1230	EGA	152
	BN LB		T	130-430	*	*
	BO LB		TH	130-430	*	*
320	A	4	M W F	830-930	MEB	252
	AA QZ		T	830-930	MEB	252
	AB QZ		T	830-930	MEB	250
320	B	4	M W F	930-1030	MEB	252
	BA QZ		TH	930-1030	MEB	252
	BB QZ		TH	930-1030	MEB	250
320	C	4	M W F	1130-1230	MEB	252
	CA QZ		T	1130-1230	MEB	252
	CB QZ		T	1130-1230	MEB	251
320	D	4	M W F	130-230	MEB	252
	DA QZ		TH	130-230	MEB	252
	DB QZ		TH	130-230	MEB	251
321	A	4	M W F	830-930	MEB	251
	AA QZ		T	830-930	MEB	251
	AB QZ		T	830-930	MEB	249
321	B	4	M W F	930-1030	MEB	251
	BA QZ		TH	930-1030	MEB	251
	BB QZ		TH	930-1030	MEB	249
321	C	4	M W F	1230-130	MEB	251
	CA QZ		T	1230-130	MEB	251
	CB QZ		T	1230-130	MEB	250
330	A	4	M W F	930-1030	MEB	248
	AN LB		M	130-430	MEB	G020
			M	130-430	MEB	G032
	AO LB		W	130-430	MEB	G020
			W	130-430	MEB	G032
330	B	4	M W F	1130-1230	MEB	249
	BN LB		T	130-430	MEB	G019
			T	130-430	MEB	G032
	BO LB		F	130-430	MEB	G019
			F	130-430	MEB	G032
340	A	3	M W	830-930	MEB	246
	AN LB		T	130-430	MEB	128
			T	130-430	MEB	131

MECHANICAL ENGINEERING - CONTINUED

	AO LB		W	130-430	MEB	128
			W	130-430	MEB	131
340	B	3	M W	1030-1130	MEB	250
	BN LB		TH	130-430	MEB	128
			TH	130-430	MEB	131
	BO LB		F	1230-330	MEB	128
			F	1230-330	MEB	131
340	C	3	M W	1130-1230	MEB	238
	CN LB		M	130-430	MEB	128
			M	130-430	MEB	131
	CO LB		T	830-1130	MEB	128
			T	830-1130	MEB	131
342	A	3	M F	1230-130	MEB	134
			TH	930-1130	MEB	131
● 360	A	3	M W F	930-1030	MEB	249
● 360	B	3	M W F	1130-1230	MEB	248
361	A	3	T TH	830-930	MEB	246
			F	130-330	MEB	104
361	B	3	T TH	1130-1230	MEB	246
			W	130-330	*	*
362	A	3	T TH	830-930	MEB	247
			M	130-430	*	*
362	B	3	T TH	1130-1230	MEB	249
			W	130-430	MEB	134
363	A	3	M W F	830-930	MEB	250
363	B	3	M W F	1030-1130	MEB	247
● 364	A	3	M W	930-1030	MEB	234
	AN LB		M	130-430	MEB	115
	AO LB		T	130-430	MEB	115
● 364	B	3	T TH	830-930	MEB	245
	BN LB		W	130-430	MEB	115
	BO LB		F	130-430	MEB	115
● 401	A	3	M W	830-930	MEB	249
			TH	130-430	EGA	101
410	A	3	M W F	1130-1230	MEB	237
411	A	3	M W F	830-930	MEB	248
414	A	2	T TH	1130-1230	MEB	237
415	A	3	M W F	930-1030	MEB	237
418	A	2	TH	230-530	MEB	237
419	A	3	T	230-430	GEB	324
			TH	230-430	GEB	324
430	A	4	M W F	930-1030	*	*
	AA QZ		T	930-1030	MEB	232
	AB QZ		T	930-1030	MEB	245
430	B	4	M W F	1030-1130	MEB	245
	BA QZ		TH	1030-1130	MEB	245
	BB QZ		TH	1030-1130	MEB	243
432	A	3	M W F	1130-1230	MEB	232
434	ZN	3	M W	830-930	MEB	G020
			T	130-430	MEB	G020
434	ZO	3	M W	930-1030	MEB	G019
			TH	130-430	MEB	G019
436	A	3	M W F	830-930	MEB	247
440	A	3	M W F	830-930	MEB	232
441	A	3	M W	930-1030	MEB	134
	AN LB		TH	130-430	MEB	134

MECHANICAL ENGINEERING - CONTINUED

465	A	3	M W F	130-230	MEB	247
468	A	3	T TH	830-1130	MEB	105
468	B	3	W F	130-430	MEB	105
469	A	3	M W F	930-1030	MEB	235
469	B	3	M W F	1130-1230	MEB	246
470	A	3	M W F	1130-1230	MEB	250
481	A	3	M W F	930-1030	MEB	238
485	A	3	M W F	1130-1230	MEB	245
492	A	3	M W F	1230-130	MEB	105
*499	A	2-5	*	*	*	*
506	A	3	M W F	1030-1130	MEB	251
516	A	3	M W F	1130-1230	MEB	251
518N	A	0	T	330-430	MEB	103
519N	A	0		WITH 518N		
520	A	1		WITH 518N		
522	A	3	M W F	930-1030	MEB	250
524	A	3	M W F	1030-1130	MEB	249
532	A	3	M W F	830-930	MEB	234
536	A	3	M W F	1130-1230	MEB	234
542	A	3	M W	1130-1230	MEB	134
	AN LB		*	*	*	*
545	A	3	M W F	1030-1130	MEB	248
549	A	3	M W F	830-930	MEB	235
553	A	3	M W F	730-830	MEB	251
572	A	3	M W F	1130-1230	MEB	235
590	A	3	M W F	930-1030	MEB	240
592	A	3	M W F	830-930	MEB	238
*599	A	1-5	*	*	*	*
*600	A	*	*	*	*	*
700	A	*	*	*	*	*

CERAMIC ENGINEERING

203	A	3	TH	930-1030 MUELLER	ROB	316
	AN LB		M W	130-430	ROB	104
	AO LB		T TH	130-430	ROB	104
302	A	3	M W F	1130-1230 CAMPBELL	ROB	316
315	A	4	M W F	130-230 CAMPBELL	ROB	316
	AN LB		T	230-530	WCL	*
	AO LB		W	230-530	WCL	*
403	A	2	T	1030-1130 WHITTEMORE	ROB	316
	AN LB		T	230-530	ROB	318
	AO LB		W	230-530	ROB	318
441	A	1	TH	130-230 WHITTEMORE	ROB	316

CERAMIC ENGINEERING - CONTINUED

470	A	3	M W F	830-930 WHITTEMORE	ROB	318
499	A	*	*	*	*	*
513	A	3	M W F	830-930 MILLER	ROB	316
520	A	1	TH	330-430 SCOTT	ROB	316
521	A	3	M W F	1030-1130 SCOTT	ROB	316
523	A	3	M W F	130-230 MILLER	ROB	318
590	A	*	*	*	*	*
*599	A	*	*	*	*	*
*600	A	*	*	*	*	*
700	A	*	*	*	*	*

MATERIALS ENGINEERING

250	A	4	MTW F	830-930 STOEBE	GEB	134
250	B	4	MTW F	1130-1230 DAWSON	GEB	134
251	ZN	1	T	230-430 DAWSON	*	*
251	ZO	1	TH	230-430 ZUPP	*	*
352	A	2	T	130-230 BRIEN	ROB	203A
	AN LB		T	230-530 BRIEN	*	*

METALLURGICAL ENGINEERING

270	A	4	M W F	830-930 R. MILLER	*	*
	AN LB		T	130-430 R. MILLER	*	*
306	ZN	1	*	*	*	*
363	A	4	M W F	1030-1130 POLONIS	ROB	318
	AN LB		M	230-530 POLONIS	ROB	235
	AO LB		W	230-530 POLONIS	*	*
422	A	3	M W F	1230-130	ROB	318
463	A	3	T TH	830-930 ARCHBOLD	ROB	318
	AN LB		W	130-430	ROB	235
468	A	1	TH	130-230 POLONIS	ROB	322
471	A	3	M W	1130-1230 BRIEN	ROB	322
	AN LB		T	130-430 BRIEN	ROB	322
473	A	2	M	130-230 BRIEN	ROB	322
	AN LB		M	230-530 BRIEN	ROB	322
499	A	*	*	*	*	*

METALLURGICAL ENGINEERING - CONTINUED

512	A	3	T TH	1030-1230 1030-1130 ARCHBOLD	ROB ROB	318 318
520N	A	0	T	130-230 DAWSON	ROB	316
525	A	3	M W F	930-1030 ZUPP	ROB	316
566	A	3	M W F	1130-1230 STOEBE	ROB	318
570	A	*	*	*	*	*
572	ZN	*	*	*	*	*
574	ZN	*	*	*	*	*
599	A	*	*	*	*	*
600	A	*	*	*	*	*
700	A	*	*	*	*	*

MINING ENGINEERING

306	A	1	*	*		
330	A	3	TH	1230-130 ANDERSON	ROB	414
	AN LB		T TH	230-530 ANDERSON	ROB	414
426	A	3	M W F	930-1030 PIFER	ROB	203A
	AN LB		ALT S	800-500 PIFER	*	*
427	A	3	T TH W	130-230 230-530 ANDERSON	ROB *	318 *
432	A	5	T TH	1030-1130 ANDERSON	ROB	414
	AN LB		M W F	130-430 ANDERSON	ROB	414
499	A	*	*	*	*	*
520	A	1	T	130-230 BRIEN	*	*
521	A	*	*	*	*	*
523	A	*	T TH	1130-1230 PIFER	ROB	322
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

NUCLEAR ENGINEERING

486	A	3	M W F	130-230 BABB, WOODRUFF	BNS	117
506	A	4	M	130-230 WOODRUFF, ROBKIN	NRB	101
	AN LB		T T	830-1230 130-530	NRB NRB	004 004
	AO LB		TH TH	830-1230 130-530	NRB NRB	004 004
512	A	4	W	130-230 ALBRECHT, FOX	MEB	104
	AN LB		M W	230-530 FOX	MEB	104

NUCLEAR ENGINEERING - CONTINUED

523	A	1	W	330-530 GIBBS	*	*
524	A	1-2	W	330-530	BNS	117
541	A	3	T TH	830-1000 ROBKIN	UWH	NN203
571	A	3	M W F	930-1030 GIBBS, MCCORMICK	BNS	117
599	A	*	F	230-330 GIBBS, CLAYTON	BNS	115
599	B	3	M W F	830-930 ALBRECHT	BNS	115
700	A	*	*	*	*	*

RESERVE OFFICERS TRAINING PROGRAM

AEROSPACE STUDIES

103	A	1	T TH	730-830 730-830 SCRIVEN	PH3 AMY	003 *
103	B	1	T TH	830-930 830-930 SCRIVEN	PH3 PH3	003 003
103	C	1	T TH	1030-1130 1030-1130 SCRIVEN	PH3 PH3	003 003
103	D	1	T TH	1230-130 1230-130 SCRIVEN	PH3 PH3	003 003
213	A	1	T TH	830-930 830-930 SCRIVEN	PH3 AMY	005 *
213	B	1	T TH	1030-1130 1030-1130 SCRIVEN	PH3 AMY	005 *
213	C	1	T TH	1230-130 1230-130 SCRIVEN	PH3 AMY	005 *
323	A	3	M W F TH	830-930 830-930 HILL	PH3 AMY	003 *
323	B	3	M W F TH	1030-1130 1030-1130 HILL	PH3 AMY	003 *
323	C	3	M W F TH	1230-130 1230-130 HILL	PH3 AMY	003 *
430	A	2	TH	330-530 MORRILL	PH3	005
433	A	3	M W F TH	830-930 830-930 MORRILL	PH3 PH3	005 005
433	B	3	M W F TH	1030-1130 1030-1130 MORRILL	PH3 PH3	005 005
433	C	3	M W F TH	1230-130 1230-130 MORRILL	PH3 PH3	005 005

MILITARY SCIENCE - ALL MILITARY SCIENCE STUDENTS MUST RESERVE ONE OF THE FOLLOWING TIMES FOR DRILL:
F 730, 830, 930, or 1030 AMY 203
DRILL TEAM - M F 330-530 AMY 203
ALL MILITARY SCIENCE III STUDENTS MUST RESERVE FOLLOWING TIME FOR DRILL: T 5-8 p.m. AMY 203

MILITARY SCIENCE	101	A	1	*	*	
	102	A	1	*	*	
	103	A	1	M	1030-1130	SAV 151
	103	B	1	M	1130-1230	SAV 151

MILITARY SCIENCE - CONTINUED

103	C	1	W	1130-1230	SAV	151
103	D	1	W	1230-130	SAV	151
201	A	2	*	*	/	*
202	A	2	*	*	*	*
203	A	2	T TH	1230-130	SAV	233
203	B	2	T TH	230-330	SAV	233
260	A	5	*	*	*	*
301	A	3	*	*	*	*
302	A	3	*	*	*	*
303	A	3	T TH	1130-1230	SAV	233
303	B	3	T TH	130-230	SAV	233
360	A	3	*	*	*	*
401	A	2	*	*	*	*
402	A	2	*	*	*	*
403	A	3	M W F	1130-1230	SAV	233
403	B	3	M W F	130-230	SAV	233

NAVAL SCIENCE

113	A	3	M W F T TH	830-930 1130-1230 DYNES	CLK SMI	203 120
113	B	3	M W F T TH	930-1030 1130-1230 DYNES	CLK SMI	203 120
113	C	3	M W F T TH	1130-1230 1130-1230 DYNES	CLK SMI	203 120
213	A	3	M W F T TH	1030-1130 1130-1230 LEDBETTER	CLK CLK	204 204
213	B	3	M W F T TH	1130-1230 1130-1230 LEDBETTER	CLK CLK	204 204
313	A	3	M W F T TH	1030-1130 1130-1230 WILSON	CLK CLK	304 203
313	B	3	M W F T TH	1130-1230 1130-1230 WILSON	CLK CLK	304 203
413	A	3	M W F T TH	1030-1130 1130-1230 AUSTIN	CLK CLK	327 327
413	B	3	M W F T TH	1130-1230 1130-1230 AUSTIN	CLK CLK	327 327
423	A	3	M W F T TH	930-1030 1130-1230 CHAPMAN	CLK CLK	201 201
423	B	3	M W F T TH	1130-1230 1130-1230 CHAPMAN	CLK CLK	201 201

COLLEGE OF FISHERIES

FISHERIES

314	A	1	F	130-230 SALO	FIS	209
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FISHERIES - CONTINUED

401	A	5	M W F	1130-1230 WELANDER	FIS	209
	AN LB		T TH	130-430 WELANDER	FIS	208
	AO LB		T TH	130-430	FIS	234
454	A	5	TWT	830-930 SPARKS	FIS	209
	AN LB		T TH	930-1230	FIS	234
457	A	3	M W F	330-430	FIS	209
460	A	5	M W	1230-130 M. BELL	FIS	209
	AN LB		T	130-430 WK END FLD TRIP	FIS	209
473	A	3	T TH	930-1030 SEYMOUR	FIS	102M
	AN LB		TH	1030-1230 SEYMOUR	FIS	102M
495	A	2	M W	430-530 BURGNER	FIS	207
495	B	2	T TH	430-530 DELACY	FIS	207
495	C	2	M W	430-530	FIS	102M
495	D	2	T TH	430-530	FIS	102M
*499	A	1-3	*	*	*	*
*501	A	1-3	*	*	*	*
506	A	5	*	* SPARKS	*	*
*507	A	1-5	*	*	*	*
520	A	2	*	*	*	*
* 531	A	3	*	* KATZ	*	*
* 535	A	4	*	* BROWN	*	*
558	A	5	M W F	930-1030 PAULIK	FIS	207
	AN LB		M W F	1030-1130	FIS	207
604	A	*	*	*	*	*
700	A	*	*	*	*	*
QUANTITATIVE SCIENCE - see page 135				WILDLIFE SCIENCE - see page 135		
FOOD SCIENCE						
* 381	A	3	M W	230-330 JONES	FIS	209
	AN LB		F	130-430	FIS	133
481	A	5	M WTF	230-330 LISTON	FIS	215
	AN LB		*	*	*	*
486	A	5	*	* LISTON-PIGOTT	*	*
	AN LB		T TH	130-430	FIS	231
487	A	4	*	* RIDDLE	*	*
	AN LB		*	*	*	*
490	A	3	M W F	330-430 TAUB	FIS	215
*498	A	2-6	*	*	*	*

FOOD SCIENCE - CONTINUED

*504	A	3	*	*	*	*	*
				LISTON			
521	A	1	W	1230-130 LISTON	FIS	215	
525	A	3	*	* PIGOTT	*	*	
526	ZN	3	*	* PIGOTT	*	*	
604	A	*	*	*	*	*	
700	A	*	*	*	*	*	

COLLEGE OF FOREST RESOURCES

FOREST RESOURCES

103	A	1	T	930-1030 SCHAEFFER	WFS	201	
	AA	QZ		930-1030 SCHAEFFER	WFS	201	
	AB	QZ		130-230 SCHAEFFER	WFS	201	
	AC	QZ		330-430 SCHAEFFER	WFS	201	
322	A	3	T F TH	930-1030 930-500 SCOTT	AND *	215 *	
*322	H B	3	T F	930-1030 SCOTT	AND	215	
325	A	3	M W F	1030-1130 SCOTT	AND	215	
331	A	4	M W F	1130-1230 DRIVER	WFS	107	
	AN	LB		130-330 DRIVER	WFS	107	
341	A	4	M W F	1030-1130 BIRD	AND	211	
	AN	LB		230-430 PHILLIPS	AND	304	
*353	A	3	M W F	830-930 STOATE	AND	211	
380	A	3	T TH	1130-1230 LENEY	WFS	201	
	AN	LB		130-430 LENEY	*	*	
402	A	4	T TH	1030-1130 JAYNE	AND	211	
	AN	LB		130-430 JAYNE	WFS	107	
404	A	4	M W F	1130-1230 ALLAN	AND	215	
	AN	LB		130-430 ALLAN	AND	215	
409	A	2	T TH	930-1030 HRUTFIORD	AND	211	
411	A	3	T TH	130-430 COLE	AND	211	
	AN	LB		* COLE	*	*	
430	A	3	M W	930-1030 MURPHY	WFS	201	

FOREST RESOURCES - CONTINUED

	AN	LB		M	130-430 MURPHY	WFS	201
446	A	3	*	*	STENZEL	*	*
447	A	5	*	*	STENZEL	*	*
448	A	5	*	*	STENZEL	*	*
449	A	3	*	*	*	*	*
451	A	3	M W F		1230-130 DOWDLE	AND	211
453	A	5	M W F		830-1030 SHARPE	AND	115
457	A	5		TH	830-530 SHARPE	AND	115
464	A	3		T TH	1030-1230 1130-1230 DOWDLE	AND AND	215 215
466	A	5	*	*	ROBERTSON	*	*
467	A	5	*	*	ROBERTSON	*	*
468	A	4	*	*	ROBERTSON	*	*
469	A	2	*	*	ROBERTSON	*	*
473	A	6	M W F		830-930 BRYANT	AND	304
	AN	LB		M F	130-430 BRYANT	AND	304
475	A	3	T TH		930-1030 THOMAS	AND	304
	AN	LB		W	130-430 THOMAS	*	*
477	ZN	2	T TH T TH		130-430 130-430 GARDNER	BNS BNS	205 203
480	A	3	T TH		1130-1230 JAYNE, BETHEL	AND	211
	AN	LB		M	130-430 JAYNE, BETHEL	AND	102
485	A	1-3	*	*	*	*	*
488	A	3	M W F		830-930 ALLAN	BNS	203
*490	A	1-5	*	*	*	*	*
*490	H B	1-5	*	*	*	*	*
*491	A	1-5	*	*	*	*	*
*492	A	1-5	*	*	*	*	*
502	A	4	*	*	JAYNE	*	*
*510	A	1-5	*	*	GESSEL, COLE	*	*
513	A	4	M W		930-1030 GESSEL	AND	211
	AN	LB		*	GESSEL	*	*
*514	A	4	M W		130-330 WOOLDRIDGE	AND	211
*515	A	1-5	*	*	GESSEL, SCOTT, STETTLER	*	*

FOREST RESOURCES - CONTINUED

# 516	A	1-5	*	* FRITSCHEN	*	*
# 519	A	4	*	* JAYNE	*	*
#520	A	1-5	*	* SCOTT	*	*
#522	A	3	TW	230-330 SCOTT	WFS	201
#526	A	1-5	*	* STETTLER	*	*
#530	A	1-5	*	* MURPHY, SCHAEFFER	*	*
#534	A	1-5	*	* DRIVER	*	*
#535	A	1-5	*	* GARA	*	*
#536	A	4	*	* GARA	*	*
	AN LB		*	* GARA	*	*
#540	A	1-5	*	* STENZEL	*	*
#550	A	1-5	*	* SHARPE, WAGAR	*	*
#551	A	3	T	130-430 SHARPE	AND	115
552	A	3	T	830-1130 WAGAR	AND	115
#555	A	1-5	*	* SHARPE	*	*
#560	A	1-5	*	*	*	*
#563	A	1-5	*	* TURNBULL	*	*
#565	A	1-5	*	* ROBERTSON	*	*
#566	A	1-5	*	* ROBERTSON	*	*
#568	A	1-5	*	* DOWDLE	*	*
#570	A	1-5	*	*	*	*
#572	A	3-5	*	* ERICKSON	*	*
#574	A	3	*	* BRYANT	*	*
#576	A	3	*	* LENEY	*	*
#590	A	1-5	*	*	*	*
#600	A	*	*	*	*	*
#700	A	*	*	*	*	*

NURSING - CONTINUED

229	AF	3	W	830-1030 AULD	HVH	*
	AG LB		M TH	730-1030 AULD	HVH	*
	AH LB		T F	730-1030 AULD	HVH	*
229	BA	3	M	830-1030 ZIMMERMAN	HSB	E302
	BB LB		T TH	730-1030 ZIMMERMAN	SWH	*
	BC LB		W F	730-1030 ZIMMERMAN	SWH	*
229	BF	3	W	830-1030 BIRUM	SWH	*
	BG LB		M TH	730-1030 BIRUM	SWH	*
	BH LB		T F	730-1030 BIRUM	SWH	*
229	CA	3	M	830-1030 GOHRKE	HSB	E302
	CB LB		T TH	730-1030 GOHRKE	VMH	*
	CC LB		W F	730-1030 GOHRKE	VMH	*
229	EA	3	M	830-1030 HURST	HSB	E302
	EB LB		T TH	730-1030 HURST	DRS	*
	EC LB		W F	730-1030 HURST	DRS	*
229	EF	3	W	830-1030 HURST	DRS	*
	EG LB		M T	730-1030 HURST	DRS	*
229	MA	3	M	830-1030 FITZGERALD	HSB	E302
	MB LB		T TH	730-1030 FITZGERALD	VAH	*
	MC LB		W F	730-1030 FITZGERALD	VAH	*
229	MF	3	W	830-1030 SAXON	VAH	*
	MG LB		M T	730-1030 SAXON	VAH	*
	MH LB		T F	730-1030 SAXON	VAH	*
250	K	5	T TH W	1000-1200 1100-1200 DIXSON	WSH WSH	* *
251	KN	5	M M T T W	800-1200 100-400 800-1000 100-400 800-1100 DIXSON	WSH WSH WSH WSH WSH	* * * * *
251	KQ	5	M M T T W	700-1200 100-300 700-1000 100-300 700-1000 LYON	WSH WSH WSH WSH WSH	* * * * *
251	KP	5	W W TH TH F F	1000-1100 100-300 700-1000 100-300 700-1200 100-300	WSH WSH WSH WSH WSH WSH	* * * * * *

QUANTITATIVE SCIENCE - see page 135 WILDLIFE SCIENCE, see page 135

SCHOOL OF NURSING

NURSING

229	AA	3	M	830-1030 HARLOW	HSB	E302
	AB LB		T TH	730-1030 HARLOW	HVH	*
	AC LB		W F	730-1030 HARLOW	HVH	*

NURSING - CONTINUED

251	KQ	5	W TH TH F F	100-400 800-1000 100-400 800-1200 100-400 HITCHENS	WSH * WSH * WSH * WSH * WSH *
251	KR	5	M M T T W	800-1200 100-400 800-1000 100-400 800-1100 HITCHENS	WSH * WSH * WSH * WSH * WSH *
260	SA	2	M W	230-330 230-330	HSB E304 HSB E304
260	SB	2	T TH	130-230 130-230 HOSHAW	HSB D209 HSB D209
299	SA	2	F	930-1130 BARNARD	HSB E302
354	DA	4	T TH	1230-130 ROSE	HSB D314
	DB LB		T T	730-1030 130-430 ROSE	UWH * UWH *
	DC LB		TH TH	730-1030 130-430 JOHN	UWH * UWH *
358	FA	4	F	830-1030	HSB D316
	FB LB		M W	700-1000	FIR *
	FC LB		M W	130-430	FIR *
367	SA	4	M W F	230-330 730-930	HSB D314 HSB D314
368	BN	5	M T T	700-1130 700-1200 1230-400 2 HRS WK REINBRECHT	SWH * SWH * SWH *
368	BO	5	W TH TH	700-1130 700-1200 1230-400 2 HRS WK REINBRECHT	SWH * SWH * SWH *
368	CN	5	M T T	700-1130 700-1200 1230-400 2 HRS WK	VMH * VMH * VMH *
368	DN	5	M T T	700-1130 700-1200 1230-400 2 HRS WK	UWH * UWH * UWH *
369	SA	4	M W F	230-330 730-930 ANDERSON	UWH CC610 HSB E302
370	AN	5	M T T	700-1130 700-1200 1230-400 2 HRS WK ANDERSON	HVH * HVH * HVH *
370	IN	5	M T T	700-1130 700-1200 1230-400 2 HRS WK SWENDSEN	COM * COM * COM *
370	IO	5	M T T	700-1130 700-1200 1230-400 2 HRS WK	COH * COH * COH *
373	SA	4	M T TH W	230-330 230-330 230-330 BOOZER	HSB E402 HSB E406 HSB E502

NURSING - CONTINUED

374	AN	5	MTW	700-1200 MC GRATH	HVH *
374	AO	5	WTF	700-1200 WELK	HVH *
374	BN	5	WTF	700-1200 KLOCKE	SWH *
374	CN	5	WTF	700-1200 TATE	VMH *
374	EN	5	WTF	700-1200 CRYSTAL	DRS *
374	MN	5	MTW	700-1200 FALK	VAH *
374	WN	5	WTF	700-1200 GOERTZEN	CAB *
409	SA	3	T TH	800-930 F. GRAY	HSB D316
412	SA	3	T TH	130-300 130-300 CROWLEY	HSB E302 UWH 88124
412	SB	3	M W	130-300 BRANDT	HSB D316
413	SA	5	M W F	130-330 230-430 130-230	HSB 8205 HSB 8205 HSB 8205
414	AN	5	M T T W	700-1230 100-500 530-800 PM 700-1000	HVH * HVH * HVH * HVH *
414	AO	5	W TH TH F	1000-100 100-500 530-800 PM 700-1230	HVH * HVH * HVH * HVH *
414	DN	5	W TH TH F	1000-100 100-500 530-800 PM 700-1230 GEORGE	UWH * UWH * UWH * UWH *
414	MN	5	W TH TH F	1000-100 130-500 530-830 PM 700-1230 STEVENS	VAH * VAH * VAH * VAH *
414	VN	5	M T T W	700-1230 100-500 530-800 PM 700-1000 GEORGE	MHI * MHI * MHI * MHI *
415	SA	3	T TH	1030-1200 STANDEVEN	HSB D314
415	SB	3	M W	1030-1200 STANDEVEN	HSB D316
416	NN	5	M W M W	800-1200 100-430 PENNER	KHD * KHD *
416	NO	5	M W M W	800-1200 100-430 SPANGLER	KHD * KHD *
416	NP	5	M W M W	800-1200 100-430 JONES	KHD * KHD *
416	NQ	5	T TH T TH	800-1200 100-430 FISHER	KHD * KHD *
416	NR	5	T TH T TH	800-1200 100-430 SPANGLER	KHD * KHD *
416	NS	5	T TH T TH	800-1200 100-430 POZORSKI	KHD * KHD *

NURSING - CONTINUED

416	PN	5	M W M W	800-1200 100-430 AICHLMAYR	SHD SHD	* *	
416	PD	5	T TH T TH	800-1200 100-430 AICHLMAYR	SHD SHD	* *	
421	SA	4	T TH	1030-1230 LITTLE	HSB	E406	
422	AN	6	M W M W TH	700-1200 1230-330 230-430 HEINEMANN	HVH HVH HVH	* * *	
422	CN	6	M W M W TH	700-1200 1230-330 230-430 HALL	VMH VMH VMH	* * *	
422	DN	6	M W M W TH	700-1200 1230-330 230-430 HOSHAW	UWH UWH UWH	* * *	
422	IN	6	M W M W TH	700-1200 1230-330 230-430 SPAULDING	COH COH COH	* * *	
425	SA	2	F	1230-230 STANDEVEN	HSB	D314	
429	SA	2	TH	1030-1230 GUNTER	HSB	D209	
*431	DN	2	TH	130-330 4 HRS WK MANSFIELD	UWH	BB116	
*431	DO	2	M	130-330 4 HRS WK HOLT	NX2	004	
*431	DP	2	M	830-1030 4 HRS WK THOMAS	NX3	101	
*431	MP	2	M	830-1030 4 HRS WK LARSON	UWH	CC512	
*431	NS	2	T	130-330 4 HRS WK PITTMAN	UWH	B8134	
*431	SO	2	M	130-330 4 HRS WK DISBROW	NX3	101	
*435	DN	3	TH	830-1030 7 HRS WK WARE	HSB	D314	
*435	NS	3	T	130-330 7 HRS WK COBB	NX3	101	
*436	DN	3	W	230-430 7 HRS WK CARNEVALI	*	*	
*436	NS	3	T	830-1030 7 HRS WK COBB	UWH	BB124	
467	SA	3	M F	1030-1230 1030-1130 METZ	HSB HSB	D314 D314	
499	SA	1-5	*	*	*	*	
506	SA	3	T	1030-1230 REGAN	HSB	D316	
511	SA	3	W	130-330 4 HRS WK	NX3	101	
520	SA	3	TH	330-530	HSB	D314	
	SB LB		T	330-530	HSB	D314	

NURSING - CONTINUED

* 524	SA	3	T	130-330 TJELTA	HSB	D316	
	SB LB		TH	130-330	HSB	D316	
	SC LB		TH	130-330 REGAN	UWH	NN203	
538	SA	3	T	130-330 BARNARD	HSB	D314	
543	SA	3	TH	130-330 GUNTER	NX2	005	
* 568	SA	3	*	* GEITGEY	*	*	
570	SA	3	M	330-530 HOFFMAN	HSB	D314	
600	S	*	*	*	*	*	
700	S	*	*	*	*	*	
COLLEGE OF PHARMACY							
PHARMACY							
204	A	2	T TH	830-930 FISCHER	BNS	115	
333	A	4	M W F	1130-1230 HAMMARLUND	BAG	236	
	AN LB		T	130-430 HAMMARLUND	BAG	334	
	AO LB		W	130-430 HAMMARLUND	BAG	334	
	AP LB		TH	130-430 HAMMARLUND	BAG	334	
352	A	4	M W F	1130-1230 J. PLEIN	JHN	101	
	AA QZ		F	830-930	*	*	
	AB QZ		TH	930-1030	BAG	311	
	AC QZ		F	930-1030	BAG	311	
	AD QZ		TH	1030-1130	BAG	311	
	AE QZ		F	1030-1130	BAG	311	
	AF QZ		TH	1130-1230	BAG	311	
	AG QZ		F	230-330	BAG	311	
409	A	3	M W F	1130-1230 HALL	BAG	311	
410	A	1	*	* E. PLEIN	*	*	
412	A	2	T TH	930-1030 HALL	BAG	204	
452	A	3	M W F	930-1030 RISING	BAG	204	
*483	A	3-5	T TH	830-930 E. PLEIN	BAG	311	
	AN LB		*	* E. PLEIN	*	*	
*499	A	*	*	*	*	*	
*510	A	3	*	*	*	*	
520	A	1	*	*	*	*	
*580	A	5	*	*	*	*	
*600	A	*	*	*	*	*	
*700	A	*	*	*	*	*	

* New course or course number. See course changes pages 7-50.

PHARMACEUTICAL CHEMISTRY

239	A	3	M W F	1030-1130 HUITRIC	BAG	237
	AA QZ		TH	1130-1230	BAG	204
249	A	3	T	1030-1130 MC CARTHY	BAG	211
	AN LB		M	130-530 MC CARTHY	BAG	333
	AO LB		F	130-530 MC CARTHY	BAG	333
430	A	3	M W F	1230-130 KRURSKI, SPITZNAGLE	BAG	204
442	A	3	M W F	1030-1130 NELSON	BAG	236
#499	A	*	*	*	*	*
520	A	1	*	*	*	*
#600	A	*	*	*	*	*
#700	A	*	*	*	*	*

PHARMACOGNOSY

314	A	4	M W F	830-930 BRADY, MC LAUGHLIN	BAG	311
	AN LB		M M	230-330 330-530 MC LAUGHLIN	BAG BAG	236 312
	AO LB		T T	230-330 330-530 MC LAUGHLIN	BAG BAG	236 333
	AP LB		W W	230-330 330-530	BAG BAG	236 333
#406	A	2	*	*	*	*
	AN LB		*	*	*	*
#499	A	*	*	*	*	*
520	A	1	*	*	*	*
581	A	1	*	*	*	*
				BRADY		
#600	A	*	*	*	*	*
#700	A	*	*	*	*	*

GRADUATE SCHOOL

GEOPHYSICS

#405J	A	5		WITH GEOLOGICAL 405J		
#453	A	3	M W F	1230-130 CROSSON, MERRILL	JHN	010
#512J	A	3		WITH ATM S 512J		
#514J	A	6		WITH ATM S 514J		
537	A	3	T TH	130-230 LIEMOHN	GEB	224
#539J	A	3		WITH ATM S 539J		
#580	A	2	M W F	130-230	GEB	224
600	A	*	*	*	*	*
#700	A	*	*	*	*	*

RADIOLOGICAL SCIENCE

#700	A	*	*	*	*	*
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COMPUTER SCIENCE

#478J	A	4				WITH E E 478J
#510	A	3	M W F	1130-1230	ROB	203A
#520	A	1	TH	230-430	ROB	203A
#590	A	*	T	130-230	*	*
#590	B	*	M W	330-430	ROB	203A
#600	A	*	*	*	*	*
#700	A	*	*	*	*	*

QUANTITATIVE SCIENCE IN FOREST RESOURCES, FISHERIES, & WILDLIFE

QUANTITATIVE SCIENCE

#281	A	5	MT TF	930-1030 TURNBULL	FIS	209
	AN LB		T	1030-1230 TURNBULL	AND	102
	AO LB		TH	1030-1230 TURNBULL	AND	102
	AP LB		W	830-1030 TURNBULL	AND	102
383	A	5	MT TF	1030-1130 THORSLUND	FIS	209
	AN LB		T	830-1030 THORSLUND	AND	102
	AO LB		TH	830-1030 THORSLUND	AND	102
	AP LB		T	1230-230 THORSLUND	AND	102
	AQ LB		TH	1230-230 THORSLUND	AND	102
#392	A	3	*	* CHAPMAN	*	*
#496	A	3	*	* E. BELL	*	*

SCHOOL OF LIBRARIANSHIP

#441	A	3	M W F	1130-1230 CROSS	LIB	M125
#442	A	3	M W	430-600 MAITLAND	LIB	M125
#443	A	3	M W F	930-1030 PETERSON	LIB	127
#	AN LB		T	830-1030 PETERSON	LIB	127
#443	B	3	T TH	430-600 PETERSON	LIB	127
	BN LB		TH	700-900 PM PETERSON	LIB	127
#451	A	3	M W F	1130-1220 HENINGER	LIB	127
#451	B	3	M	430-700 BENNE	LIB	127
#452	A	3	M W F	130-230 HENINGER	LIB	M125

SCHOOL OF LIBRARIANSHIP - CONTINUED

452	U	3	T	700-945 PM HENINGER	SMI	405
*453	A	3	M W F	1030-1130 AHLERS	SMI	205
*454	A	3	W	430-700 AHLERS	LIB	127
*491	A	3	M W F	1030-1130 SELCTD PARTICPNTS PAGE	SMI	203
*491	B	3	M W F	1130-1230 PAGE	SMI	103
498	A	3	T TH	1030-1200 STANFIELD	LIB	M125
*509	A	2-4	*	* BEVIS	*	*
*513	A	2	T TH	1030-1130 NASH	LIB	127
*513	B	2	T TH	1230-130 NASH	LIB	127
*514	A	3	M W F	930-1030	SMI	107
542	A	5	*	*	*	*
*554	A	3	M W F	1030-1130 BENNE	LIB	127
*554	B	3	M W F	1230-130 BENNE	MLR LIB	316 M127
600	A	*	*	*	*	*
700	A	*	*	*	*	*
702	A	3	*	*	*	*

SCHOOL OF PUBLIC AFFAIRS

PUBLIC ADMINISTRATION

*503	A	3	M	130-330 KROLL	SMI	409
*513	A	3	W	130-330 SHIPMAN	SMI	409
*513	B	3	TH	130-330 SHIPMAN	*	*
*523	A	3	F	130-330 LYDEN	SMI	409
*523	B	3	F	330-530 LYDEN	SMI	409
*543	A	3	TH	130-330	*	*
*543	B	3	W	130-330 LYDEN	*	*
*551	A	3	T	130-330 KROLL	SMI	307
*600	A	*	*	*	*	*
*702	A	3	*	*	*	*

PUBLIC POLICY

*500	A	*	*	*	*	*
*532	A	3	TH	330-530 DENNY	*	*
580J	A	2		WITH P MED 580J		

PUBLIC POLICY - CONTINUED

*592	A	3	T	330-530 MILLER	*	*
*595	A	3	*	* CRUTCHFIELD, PEALY	*	*
*600	A	*	*	*	*	*
*606	A	2-6	*	*	*	*

SCHOOL OF SOCIAL WORK

400	A	5	D	730-830 DUPLICA	EGL	211
401	A	2	W	830-1030 REED	*	*
401	B	2	TH	830-1030 BERLEMAN	*	*
401	U	2	T	700-850 PM	PAR	221
504	A	2	*	* PATTI	*	*
504	B	2	*	* PARSONS	*	*
504	C	2	*	* DUPLICA	*	*
504	D	2	*	* ANDERSON	*	*
504	E	2	*	* PATTI	*	*
504	F	2	*	* PARSONS	*	*
504	G	2	*	* DUPLICA	*	*
508	A	2	*	*	*	*
508	B	2	*	*	*	*
508	C	2	*	*	*	*
508	D	2	*	*	*	*
509	A	*	*	*	*	*
509	B	*	*	*	*	*
509	C	*	*	*	*	*
509	D	*	*	*	*	*
511	A	2	*	* HANNEMAN	*	*
512	A	2	*	* MUNDT	*	*
512	B	2	*	* REISS	*	*
512	C	2	*	* ABRAHAMSON	*	*
512	D	2	*	* LEIGH	*	*
512	E	2	*	* SCHMIDT	*	*
512	F	2	*	* ABRAHAMSON	*	*
515	AA	4-8	*	* ABRAHAMSON	*	*
515	AB	4-8	*	* ALLEN	*	*
515	AC	4-8	*	* BARRETT	*	*

SCHOOL OF SOCIAL WORK - CONTINUED

515	AD	4-8	*	* BERLEMAN	*	*
515	AE	4-8	*	* BRINK	*	*
515	AF	4-8	*	* DIXON	*	*
515	AG	4-8	*	* DUPLICA	*	*
515	AH	4-8	*	* ELLIS	*	*
515	AI	4-8	*	* EYMBERTS	*	*
515	AJ	4-8	*	* FARBER	*	*
515	AK	4-8	*	* GOODMAN	*	*
515	AL	4-8	*	* GRONWOLD	*	*
515	AM	4-8	*	* HANNEHAN	*	*
515	BA	4-8	*	* HERRICK	*	*
515	BB	4-8	*	* HUNT	*	*
515	BC	4-8	*	* JAFFEE	*	*
515	BD	4-8	*	* JAMES	*	*
515	BE	4-8	*	* JONES	*	*
515	BF	4-8	*	* KELLEY	*	*
515	BG	4-8	*	* LEIGH	*	*
515	BH	4-8	*	* LEWIN	*	*
515	BI	4-8	*	* C. MACDONALD	*	*
515	BJ	4-8	*	* R. MACDONALD	*	*
515	BK	4-8	*	* MAIER	*	*
515	BL	4-8	*	* J. MILLER	*	*
515	BM	4-8	*	* S. MILLER	*	*
515	CA	4-8	*	* MOCHIZUKI	*	*
515	CB	4-8	*	* MUNDT	*	*
515	CC	4-8	*	* OLYAN	*	*
515	CD	4-8	*	* PATTI	*	*
515	CE	4-8	*	* PEPPER	*	*
515	CF	4-8	*	* REISS	*	*
515	CG	4-8	*	* SEABERG	*	*
515	CH	4-8	*	* STIER	*	*

SCHOOL OF SOCIAL WORK - CONTINUED

515	CI	4-8	*	* TAKAGI	*	*
515	CJ	4-8	*	* TEATHER	*	*
520	A	*	*	* MOCHIZUKI	*	*
520	B	*	*	* PARSONS	*	*
520	C	*	*	* GOODMAN-NORTHWOOD	*	*
520	D	*	*	* NORTHWOOD	*	*
520	E	*	*	* SEABERG-BERLEMAN	*	*
520	F	*	*	* OLYAN	*	*
521	A	2	*	* BARRETT	*	*
521	B	2	*	* SEABERG	*	*
523	A	2	*	* RESNICK	*	*
523	B	2	*	* TEATHER	*	*
526	A	2	*	* TEATHER	*	*
527	A	2	*	* TEATHER	*	*
532	A	2	*	* HUNT	*	*
532	B	2	*	* REISS	*	*
532	C	2	*	* S. MILLER	*	*
532	D	2	*	* ABRAHAMSON	*	*
533	A	2	*	* FARBER	*	*
533	B	2	*	* REISS	*	*
533	C	2	*	* HUNT	*	*
533	D	2	*	* ALLEN	*	*
533	E	2	*	* ALLEN	*	*
534	A	2	*	* STIER	*	*
535	AA	4-8	*	* ABRAHAMSON	*	*
535	AB	4-8	*	* ALLEN	*	*
535	AC	4-8	*	* BARRETT	*	*
535	AD	4-8	*	* RABINOVITCH	*	*
535	AE	4-8	*	* BRINK	*	*
535	AF	4-8	*	* DIXON	*	*
535	AG	4-8	*	* DUPLICA	*	*

SCHOOL OF SOCIAL WORK - CONTINUED

535	AH	4-8	*	*	*	*
				ELLIS		
535	AI	4-8	*	*	*	*
				EYMBERTS		
535	AJ	4-8	*	*	*	*
				FARBER		
535	AK	4-8	*	*	*	*
				GOODMAN		
535	AL	4-8	*	*	*	*
				GRONEWOLD		
535	AM	4-8	*	*	*	*
				HANNEMAN		
535	BA	4-8	*	*	*	*
				HERRICK		
535	BB	4-8	*	*	*	*
				HUNT		
535	BC	4-8	*	*	*	*
				JAFFEE		
535	BD	4-8	*	*	*	*
				JAMES		
535	BE	4-8	*	*	*	*
				JONES		
535	BF	4-8	*	*	*	*
				SMITH		
535	BG	4-8	*	*	*	*
				LEIGH		
535	BH	4-8	*	*	*	*
				LEWIN		
535	BI	4-8	*	*	*	*
				C. MACDONALD		
535	BJ	4-8	*	*	*	*
				R. MACDONALD		
535	BK	4-8	*	*	*	*
				MAIER		
535	BL	4-8	*	*	*	*
				J. MILLER		
535	BM	4-8	*	*	*	*
				S. MILLER		
535	CA	4-8	*	*	*	*
				MOCHIZUKI		
535	CB	4-8	*	*	*	*
				MUNDT		
535	CC	4-8	*	*	*	*
				OLYAN		
535	CD	4-8	*	*	*	*
				PATTI		
535	CE	4-8	*	*	*	*
				PEPPER		
535	CF	4-8	*	*	*	*
				REISS		
535	CG	4-8	*	*	*	*
				SEABERG		
535	CH	4-8	*	*	*	*
				STIER		
535	CI	4-8	*	*	*	*
				TAKAGI		
535	CJ	4-8	*	*	*	*
				TEATHER		
550	A	2	*	*	*	*
				TAKAGI		
550	B	2	*	*	*	*
				S. MILLER		

SCHOOL OF SOCIAL WORK - CONTINUED

551	A	2	*	*	*	*
				A. FARBER		
551	B	2	*	*	*	*
				J. SCHMIDT		
552	A	2	*	*	*	*
				HERRICK		
552	B	2	*	*	*	*
				RESNICK		
552	C	2	*	*	*	*
				GOODMAN		
572	A	2	*	*	*	*
				STIER		
572	B	2	*	*	*	*
				ELLIS		
575	A	2	*	*	*	*
				STIER		
575	B	2	*	*	*	*
				ELLIS		
590	A	2	*	*	*	*
				R. MAC DONALD		
590	B	2	*	*	*	*
				JAFFEE		
590	C	2	*	*	*	*
				NORTHWOOD		
591	A	2	*	*	*	*
				ELLIS		
591	B	2	*	*	*	*
				REISS		
591	C	2	*	*	*	*
				TAKAGI		
591	D	2	*	*	*	*
				PATTI		
591	E	2	*	*	*	*
				PATTI		
591	F	2	*	*	*	*
				HERRICK		
591	G	2	*	*	*	*
				R. MACDONALD		
591	H	2	*	*	*	*
				GRI SWOLD		
591	I	2	*	*	*	*
				*		
591	J	2	*	*	*	*
				LEWIN		
591	K	2	*	*	*	*
				BERLEMAN		
591	L	2	*	*	*	*
				STIER		
591	M	2	*	*	*	*
				HERRICK		
591	N	2	*	*	*	*
				PARSONS		
595	A	2	*	*	*	*
				*		
700	A	*	*	*	*	*
				*		
702	A	3	*	*	*	*
				*		

SCHOOL OF DENTISTRY

DENTAL HYGIENE

DENTAL HYGIENE - CONTINUED

349	A	4	*	*	POLSTER	*	*
401	A	2	*	*	KENNER	*	*
403	A	1	*	*	WELLS	*	*
404	A	1	*	*	WELLS	*	*
446	A	2	*	*	WELLS	*	*
449	A	4	*	*	ANDERSON	*	*
491	A	2	*	*	FALES	*	*
492	A	2	*	*	FALES	*	*
493	A	2-4	*	*	WELLS	*	*
494	A	2	*	*	FALES	*	*

COMMUNITY DENTISTRY

• 300	A	1	TH	800-900	*	*
• 301N	A	0	T	900-1000	*	*
• 433	A	1	M	900-1000	*	*

DENTISTRY

400	A	1	*	*	*	*
• 401	A	1	*	*	*	*
• 402	A	2/4	*	*	*	*
512	A	2	*	*	*	*
563	A	2	*	*	*	*
588	A	2	*	*	*	*

DENTISTRY-CONJOINT

•534	A	4	W	800-1000 STERN	*	*
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ENDODONTICS

201	A	1	*	*	NATKIN	*	*
232	A	2	*	*	STEINER	*	*
349	A	1	*	*	*	*	*
449	A	2	*	*	*	*	*
548	A	4	*	*	NATKIN, STEINER	*	*
551	A	4	*	*	NATKIN, STEINER	*	*
577	A	2	*	*	NATKIN	*	*
578	A	2	*	*	NATKIN	*	*

ENDODONTICS - CONTINUED

584	A	2	*	*	STEINER	*	*
587	A	2	*	*	STEINER	*	*
593	A	1	*	*	NATKIN	*	*
600	A	*	*	*	NATKIN, STEINER	*	*
700	A	*	*	*	NATKIN	*	*

FIXED PARTIAL DENTURES

• 134	A	2	W F	900-1200	*	*
233	A	4	M F	100-500	*	*
302	A	1	M	830-930	*	*
346	A	1	*	*	*	*
446	A	1	*	*	*	*
547	A	4	*	*	*	*
548	A	4	*	*	*	*
551	A	4	*	*	*	*
600	A	*	*	*	*	*
700	A	*	*	*	*	*

ORAL DIAG&TREATMNT PLANN

217	A	1	*	*	*	*
346	A	1	*	*	*	*
402	A	1	*	*	*	*

OPERATIVE DENTISTRY

131	A	4	M W	130-500 NOLAN	*	*
233	A	5	T TH	800-1200 OSTLUND	*	*
302	A	1	W	800-900 DIEPENHEIM	*	*
346	A	3	D	930-1200 130-430 STIBBS & STAFF	*	*
402	A	1	W	900-1000 STIBBS	*	*
446	A	1	D	930-1200 130-430 STIBBS & STAFF	*	*
562	A	4	*	STIBBS	*	*
563	A	2	*	*	*	*
565	A	2	*	*	*	*
569	A	2	*	STIBBS, HODSON	*	*
570	A	2	*	STIBBS	*	*
592	A	1-3	*	STIBBS	*	*

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

OPERATIVE DENTISTRY - CONTINUED

600	A	*	*	* HODSON	*	*
700	A	*	*	* STIBBS	*	*
ORAL BIOLOGY						
*510	A	1-3	*	* MORGAN	*	*
*515	A	2-4	*	* MORGAN	*	*
*520	A	1-3	*	* REDMAN	*	*
*540	A	1-3	*	* SREEBNY	*	*
*550	A	2-5	*	*	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*

ORAL SURGERY

200	A	1	*	* FUNK	*	*
302	A	1	*	* GORDON	*	*
331	A	1	*	* HOOLEY	*	*
346	A	1	*	*	*	*
402	A	1	*	* FUNK	*	*
404	A	1	*	* HOOLEY	*	*
446	A	2	*	*	*	*
502	A	2	*	*	*	*
532	A	1	*	* GORDON	*	*
542	A	3	*	*	*	*
600	A	*	*	* GEHRIG	*	*
700	A	*	*	*	*	*

ORTHODONTICS

502	A	4	*	*	*	*
548	A	5	*	*	*	*
600	A	*	*	*	*	*
700	A	*	*	*	*	*

PEDODONTICS

200	A	1	F	* 730-830 LAW	* *	* *
216	A	2	*	* PETERSON	*	*
346	A	1	*	* DAVIS	*	*

PEDODONTICS - CONTINUED

400	A	1	*	* LAW, HOFFMAN	*	*
446	A	1	*	*	*	*
502	A	2	*	* LAW	*	*
548	A	*	*	* DAVIS, LAH	*	*
600	A	*	*	* LAW, PETERSON	*	*
700	A	*	*	* LAW	*	*

PERIODONTICS

231	A	1	*	* HEINS	*	*
346	A	1	D	* 930-1200 130-430 OGILVIE	*	*
446	A	1	D	* 930-1200 130-430 OGILVIE	*	*
*450 H	A	1	D	* 1000-1230 200-430 HEINS	HSB HSB	B430 B430
546	A	3	*	* SCHLUGER	*	*
548	A	4	*	* SCHLUGER	*	*
576	A	2	*	* EASLEY	*	*
578	A	2	*	* EASLEY	*	*
581	A	2	*	* EASLEY	*	*
582	A	2	*	* SCHLUGER	*	*
584	A	2	*	* SCHLUGER	*	*
593	A	1	*	* OGILVIE	*	*
*599	A	2	*	*	*	*
600	A	*	*	* SCHLUGER	*	*
700	A	*	*	* SCHLUGER	*	*

PRDSTHODONTICS

131	A	8	M T TF	* 930-1230 130-500	* *	* *
302	A	1	T	* 730-830	* *	* *
304	A	1	M	* 830-930	* *	* *
346	A	2	*	*	*	*
446	A	1	*	*	*	*
562	A	4	*	*	*	*
567	A	1	*	*	*	*
573	A	2	*	*	*	*
600	A	*	*	*	*	*
700	A	*	*	*	*	*

* New course or course number. See course changes pages 7-50.

SCHOOL OF MEDICINE

ANESTHESIOLOGY

#480	A	*	D	715-1230 WARD	*	*	
#486	A	*	*	* BONICA	*	*	
#498	A	*	*	*	*	*	
#499	A	*	D	700-500 BONICA	*	*	
521	A	2	T	330-530	*	*	
522	A	2	W	* BONICA	*	*	
523	A	2	TH	700-830 BONICA	*	*	

HUMAN BIOLOGY

430	A	1.5	*	*	*	*	
431	A	2.5	*	*	*	*	
432	A	5	*	*	*	*	
433	A	3.5	*	*	*	*	
434	A	2	*	*	*	*	

BIOCHEMISTRY

406	A	3	M W F	730-830	BAG	131	
407	A	3	T	1030-1230	HSB	B207	
408	A	3	T TH	130-230	*	*	
	AN LB		T TH	230-530	HSB	C414	
442	A	3	M W F	1130-1230	HSB	E302	
498	A	*	*	*	*	*	
499	A	*	*	*	*	*	
519	A	1-3	M	*	*	*	
#520	A	1-3	TH	400-500	HSB	E402	
• #583	ZN	2	*	* TELLER	*	*	
• #590	A	1	*	* NEURATH, WALSH, TELLER	*	*	
• #591	A	1	TH	400-500 WILCOX/JENSEN	*	*	
• #593	A	1	T TH	1200-100 DAVIE, GORDON, MORRIS	*	*	
• #594	A	1	*	* FISCHER	*	*	
• #595	A	1	*	* RUTTER	*	*	
• #597	A	1	T	100-200 GORDON	*	*	
• #598	U	1	TH	700-800 PM RUTTER	*	*	
• #599	U	1	M	800-900 PM TELLER	*	*	
#600	A	*	*	*	*	*	
#700	A	*	*	*	*	*	

BIOLOGICAL STRUCTURE

301	A	4	TWT	130-230 BRODERSON	HSB	E304	
	AN LB		T	230-530	*	*	
412	A	5	M W	830-930 ROOSEN-RUNGE	HSB	E304	
	AN LB		M W	930-1230	HSB	F504	
#440	A	1-3	TH	130-530 SCHWARZ	HSB	H504	
450	A	3	T TH	830-930	*	*	
	AN LB		T TH	930-1230	HSB	F504	
#498	A	*	*	*	*	*	
#499	A	*	*	*	*	*	
#521	A	1	TH	1030-1230 SZOLLOSI	HSB	B207	
#525	A	2	TH	130-530 EVERETT	HSB	F504	
#533	A	1-5	TH	900-1000 LUF T	*	*	
#557	A	1	*	*	*	*	
#600	A	*	*	*	*	*	
#700	A	*	*	*	*	*	

BIOMEDICAL HISTORY

407	A	2	*	*	*	*	
• 412	A	3	M W F	1030-1130 BREEDEN	HSB	A224	
• 415	A	2/3	T TH	1230-130 1230-230 MED STUDENTS ONLY BREEDEN	HSB	A224 HSB A224	
• 415	B	2/3	T TH	1230-130 BREEDEN	HSB	A224	
• 431	A	3	M W F	1130-1230 BODEMER	HSB	A224	
• 452	A	3	M W F	1230-130 ALLEN	HSB	A224	
• 460	A	2/3	M W F	1030-1130 ALLEN	UWH	BB116	
• 460	B	2/3	T TH	* MED STUDENTS ONLY ALLEN	HSB	A224	
• 463	A	3	M W F	930-1030 ALLEN	HSB	A224	
#498	A	*	*	*	*	*	
#499	A	*	*	*	*	*	
#500	A	4	*	*	*	*	
#511	A	3	*	*	*	*	
#520	A	3-6	*	*	*	*	

CONJOINT

#318	A	5	M W F	1230-130 LANDAU	HSB	D526	
*	AA QZ		F	130-230 LANDAU	HSB	E304	
*	AB QZ		F	230-330 LANDAU	HSB	E304	

CONJOINT - CONTINUED

*	AN	LB	T	830-1230 LANDAU	HSB	H514
*	AO	LB	TH TH TH	830-1230 830-1230 830-1230 LANDAU	HSB HSB HSB HSB	G201 G203 H204 H514
*	AP	LB	M M M M	130-530 130-530 130-530 130-530 LANDAU	HSB HSB HSB HSB	G201 G203 H204 H514
*	AQ	LB	T	130-530 LANDAU	HSB	H514
*	AR	LB	W W W W	130-530 130-530 130-530 130-530	HSB HSB HSB HSB	G201 G203 H204 H514
427	A	*	MTWT	800-1200 CONN	HSB	E402
*505	A	3	*	*	*	*
*585	ZN	1-3	T	130-530 SCHWARZ	HSB	H504

MEDICAL PRACTICE

475	A	*	*	*	*	*
481	A	1	*	*	*	*
483N	A	0	*	*	*	*

MEDICINE

401	A	*	T	130-330	UWH	CC408
*402	A	1	*	*	*	*
*432	A	*	TH	130-400	*	*
*433	A	*	*	*	*	*
465	A	*	*	*	*	*
*477	A	3/6	MT F	800-900 1130-100 VAN ARSDEL	*	*
*478	A	*	*	*	*	*
*479	A	6/12	*	*	*	*
480	A	*	*	*	*	*
*481	A	*	*	*	*	*
*482	A	*	*	*	*	*
*483	A	*	*	*	*	*
*484	A	*	*	*	*	*
*485	A	*	*	*	*	*
*486	A	*	*	*	*	*
*487	A	*	*	*	*	*
*488	A	*	*	*	*	*
*489	A	*	*	*	*	*
*492	A	*	*	*	*	*
*493	A	*	*	*	*	*
*498	A	*	*	*	*	*
*499	A	*	*	*	*	*

MICROBIOLOGY

101	A	5	MTWT	230-330 GROMAN	*	*
	AA	QZ	F	230-330 GROMAN	HSB	E302
	AB	QZ	F	330-430 GROMAN	HSB	E302
301	A	5	M W F	1130-1230	HSB	D209
	AN	LB	T TH T TH T TH	130-330 130-330 130-330	HSB HSB HSB	F304 F316 F320
	AO	LB	T TH T TH T TH	330-530 330-530 330-530	HSB HSB HSB	F304 F316 F320
*320	A	3-5	*	* DUCHOW	*	*
*322	A	5	*	* SHERRIS	*	*
443	A	2	M W F	130-230 230-330 HENRY	HSB HSB	D209 D209
	AN	LB	W F F	230-530 330-530 330-530 HENRY	HSB HSB *	F304 F316 *
444	A	4	M W F	130-230 230-330 GROMAN	*	*
	AN	LB	W F F	230-530 330-530 330-530 GROMAN	*	*
*496	A	2	*	*	*	*
*498	A	*	*	*	*	*
*499	A	*	*	*	*	*
*499	H	B	*	*	*	*
				GROMAN		
*504	A	*	*	*	*	*
				NESTER, DOUGLAS		
*505	A	*	*	*	*	*
				KRUEGER		
*530	A	4	T TH	130-230 ORDAL	HSB	E502
*	AN	LB	T TH	230-530 ORDAL	*	*
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*
*702	A	3	*	*	*	*

NEUROLOGICAL SURGERY

*428	A	1	*	*	*	*
*477	ZN	*	*	*	*	*
				CHATRIAN		
*478	A	*	*	*	*	*
*479	A	*	*	*	*	*
480	A	*	*	*	*	*
				WARD		
*498	A	*	*	*	*	*
				WARD		
*499	A	*	*	*	*	*
				WARD		

OBSTETRICS & GYNECOLOGY

• 465	A	8	M	TF	800-500 800-600 HUNTER	UWH UWH	SW377 SW377
479	A	*	*	*	* HUNTER	UWH	RR615
480	A	*	W	TF	100-230 800-500 100-500 HUNTER	*	*
• 481J	A	3			WITH H ED W 481J		
484	A	*	*	*	* HUNTER	UWH	RR615
498	A	*	*	*	*	*	*
499	A	*	*	*	*	*	*

OPHTHALMOLOGY

*481	A	*	W		730-900 KUPFER	UWH	SW377
• 498	A	*	*	*	*	*	*
• 499	A	*	*	*	*	*	*

ORTHOPEDECS

*475	A	*	*	*	* GLOYD, STEWART	*	*
476	A	*	*	*	* STAHOLI, FLASHMAN	*	*
480	A	*	*	*	* AKESON	*	*
*498	A	*	*	*	*	*	*
*499	A	*	*	*	*	*	*
*521	A	*	*	*	* TAYLOR, AKESON, FRY, CONVERY	*	*

OTOLARYNGOLOGY

*481	A	*	*	*	* DONALDSON	*	*
*482	A	*	*	*	* CAIN/MORRISON	*	*
*483	A	*	*	*	* HAYES/SEAGER	*	*

PATHOLOGY

• #322	A	6	M	W F	1030-1130 MED TECH MAJORS	UWH	BB273
*	AN	LB		T TH	830-1230 830-1230 MED TECH MAJORS	HSB HSB	C506 C508
• #426	A	11	*	*	* ROTATNG INTERN IV	*	*
• #443	A	7	M	FS	230-530 830-1230 830-1230 830-1230	HSB HSB HSB HSB	D526 C506 C508 C510
*460	A	*	*	*	*	*	*
*461	A	*	*	*	*	*	*
*462	A	*	*	*	*	*	*

PATHOLOGY - CONTINUED

*463	A	*	M		900-1100	UWH	CC610
*465	A	*	*	*	*	*	*
*466	A	*	*	*	*	*	*
*467	A	1-3	*	*	*	*	*
*468	A	1	TH		900-1000	*	*
*469	A	1	*	*	*	*	*
*476	A	*	S		1000-1100	HSB	D209
*480	A	*	*	*	*	*	*
*498	A	*	*	*	*	*	*
*499	A	*	*	*	*	*	*
*502	A	2	*	*	*	*	*
*503	A	2	*	*	*	*	*
*508	A	4-6	*	*	*	*	*
*510	A	*	*	*	*	*	*
*520	A	1	*	*	*	*	*
*551	A	2-5	*	*	*	*	*
*552	A	2-5	*	*	*	*	*
*600	A	*	*	*	*	*	*
*700	A	*	*	*	*	*	*

PEDIATRICS

*404	A	*	*	*	*	*	*
*405	A	1	*	*	*	*	*
*406	A	4	*	*	*	*	*
*407	A	*	*	*	*	*	*
465	A	*	*	*	*	*	*
*470	A	*	*	*	*	*	*
*472	A	*	*	*	*	*	*
*473	A	*	*	*	*	*	*
• #475	A	*	*	*	*	*	*
*481	A	*	*	*	*	*	*
• #483	A	*	*	*	*	*	*
*485	A	*	*	*	*	*	*
*486	A	*	*	*	*	*	*
*487	A	*	*	*	*	*	*
*488	A	*	*	*	*	*	*
*490	A	*	*	*	*	*	*
*498	A	*	*	*	*	*	*
*499	A	*	*	*	*	*	*

PHARMACOLOGY

234	A	4	M	TH	730-830 130-230 DIXON	HSB HSB	E406 E406
	AN	LB		W	1130-530 DIXON	HSB	E406
302	A	5	M	W F	930-1030 VINCENZI	HSB	E502
	AL	CO		M	*	HSB	E406
	AN	LB		M	1130-530	HSB	E406

† Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

PHARMACOLOGY - CONTINUED

*498	A	*	*	*	*	*
*499	A	*	*	*	*	*
*507	A	1	TH	330-530	HSB	E406
*525	A	2	*	*	*	*
600	A	*	*	*	*	*
700	A	*	*	*	*	*

PHYS MED & REHABILITATION

*290	A	2	T	130-330 LUCCI	UWH	CC512
321	A	4	TWTF	1100-1200	HSB	E304
321	B	4	T TH	230-430	UWH	BB118
408	ZN	4	MTWT	100-300	UWH	CC821
415	A	1	TH	830-930	UWH	CC408
421	A	11	*	*	*	*
422	A	6	*	*	*	*
*442	A	4	M T TF	1100-1200 1000-1100	UWH UWH	CC821 CC408
*442	B	4	MT TF	1000-1100	UWH	CC821
451	A	3	M W	800-1100	HSB	H514
453	A	3	*	*	*	*
463	A	4	TWT	730-930	*	*
472	A	2	T TH	300-500	UWH	CC821
* 473	A	3	T TH W	900-1000 1000-1100	UWH UWH	CC610 CC821
480	A	*	M WT	100-500	UWH	CC512
483	A	4	M W F	830-1100 830-1000	UWH UWH	CC821 CC821
483	B	4	T TH	830-1000	UWH	CC821
491	A	4	M W F	100-500	UWH	*
492	A	6	*	*	*	*
493	A	2	*	*	*	*
494	A	1-6	*	*	*	*
498	A	*	*	*	*	*
499	A	*	W	300-500	UWH	BB116
520	A	1-5	F	1200-130	UWH	CC821
*520	B	1-5	*	*	*	*
*535	A	2-5	*	*	*	*
* 540	A	2	*	*	*	*
* 550	A	3	*	*	*	*
*596	A	3	*	*	*	*
596L	ZN	2	*	*	*	*
* 600	A	*	*	*	*	*

PHYSIOLOGY & BIOPHYSICS

*413	A	3.5	M W F	930-1030	HSB	E406
	AL CO		M	1030-1130 STIRLING	*	*
*414	A	3.5	M W F	1130-1230	HSB	E502

PHYSIOLOGY & BIOPHYSICS - CONTINUED

	AL CO		W	1230-130 GALE & BRENDEL MANN	HSB	E502
*415	A	1-4	F F F	*	HSB HSB HSB	G420 H204 H422
*492	A	2	*	*	*	*
*498	A	*	*	*	*	*
*499	A	*	*	*	*	*
*517	A	7	*	*	*	*
* 519	A	1	*	*	*	*
				WOODBURY		
*520	A	*	*	*	*	*
*521	A	*	*	*	*	*
*527	A	*	*	*	*	*
*536	A	2-3	*	*	*	*
* 559	A	3	*	*	*	*
				TOWE		
* 560	A	3	*	*	*	*
				GORDON		
* 580	A	*	*	*	*	*
				YOUNG		
*600	A	*	*	*	*	*
*700	A	*	*	*	*	*

PREVENTIVE MEDICINE

323	A	3	M W F	130-230 WILKEY	HSB	E302
410	A	2	T TH	130-330 FOY, KRONMAL	HSB	E402
*424	A	3	T TH	1030-1230 HALL	HSB	E502
425	A	1	F	130-230 GRAYSTON	HSB	E502
*442	A	3	M W F	830-930 HATLEN	HSB	E406
*455	A	3	T TH F	930-1030 130-330 BREYSSE, HIBBARD	UWH UWH	BB116 BB116
461	A	5	D	930-1030 MILLS	HSB	E304
* 474	A	2	TF	830-930 BENNETT	HSB	B207
475	A	*	T	930-1200 MC CARROL	*	*
*476	A	3-5	M W F	330-430 BENNETT	UWH	BB134
*478	A	3	*	*	*	*
				PETERSON		
*480	A	*	*	*	*	*
				HATLEN/REEVES		
*482	A	2-6	*	*	*	*
				HATLEN/REEVES		
*483	A	6	*	*	*	*
				HATLEN		
*484	A	3	*	*	*	*
				HATLEN		
*498	A	*	*	*	*	*
*499	A	*	*	*	*	*

PREVENTIVE MEDICINE - CONTINUED

• #507	A	3	M	F	830-1130 930-1130	*	*		
#510	A	3	T	TF	930-1200 800-1200 MC CARROL	*	*		
521	A	3	TH		830-1130 LEE	*	*		
#522	A	*	T		1230-130 LEE	HSB	E302		
#523	A	1	W		1200-130 ALTERNATE WEEKS FOX	*	*		
#533	A	3	T		930-1130 KROMEL	*	*		
#540	A	3	W		830-1130 MC CARROLL	*	*		
• 580J	A	2	W		930-1130 BERGMAN	*	*		
• #593	A	3	T	TH	930-1100 PERRIN	*	*		
#600	A	*	*	*	*	*	*		
#700	A	*	*	*	*	*	*		

PSYCHIATRY

250	A	3			WITH PSYCH 250				
267	A	2	M	W	730-830 PATTISON	HSB	D209		
#440	A	*	T		200-400 MED STUDENTS ONLY HOLMES	*	*		
#441	A	*	*	*	* MED STUDENTS ONLY BECKER	*	*		
#442	A	*	TH		230-430 MED STUDENTS ONLY SPRADLEY	UWH	BB134		
#444	A	2	*	*	* MED STUDENTS ONLY HAMPSON	*	*		
#448	A	2	*	*	* MED STUDENTS ONLY PRESTON	*	*		
#452	A	2/3	T	W	1130-1230 1030-1230 SCHER	UWH UWH	CC821 CC408		
#460	A	3	*	*	* PATTISON	*	*		
#462	A	2	*	*	* RIPLEY	*	*		
465	A	*	*	*	* MED STUDENTS ONLY	*	*		
#475	A	*	*	*	* MED STUDENTS ONLY RIPLEY	*	*		
#490	A	*	*	*	* MED STUDENTS ONLY RIPLEY	*	*		
#491	A	*	*	*	* MED STUDENTS ONLY RIPLEY	*	*		
#498	A	*	*	*	* MED STUDENTS ONLY RIPLEY	*	*		

PSYCHIATRY - CONTINUED

#499	A	*	*	*	* MED STUDENTS ONLY RIPLEY	*	*		
#559	A	2	W		730-930 KAUFMAN	HSB	E302		
RADIOLOGY									
#475	A	1		S	* PARKER	*	*		
#494	A	*	*	*	* TROUPEN	*	*		
#495	A	*		D	* PARKER	*	*		
#499	A	*	*	*	* FIGLEY	*	*		
#504	A	2	T	TH	830-930 WOOTTON	UWH	NN203		
#515	A	2	T	TH	1030-1130 CHRISTENSEN	UWH	NN203		
#520	A	2	T		400-600 CHRISTENSEN	UWH	BB124		
#604	A	*	*	*	* FIGLEY	*	*		

SURGERY

465	A	*	*	*	*	*	*		
482	A	*	*	*	*	*	*		
• #483	A	*	*	*	*	*	*		
485	A	*	*	*	*	*	*		
486	A	*	*	*	*	*	*		
498	A	*	*	*	*	*	*		
499	A	*	*	*	*	*	*		
520	A	5		S	800-1000	UWH	CC408		
525	A	*	*	*	*	*	*		
590	A	5	*	*	*	*	*		
600	A	*	*	*	*	*	*		
700	A	*	*	*	*	*	*		

UROLOGY

• #475	A	*	MTWTF	S	*	*	*		
480	A	*	MTWTF	S	*	*	*		
#484	A	*	MTWTF	S	*	*	*		
• 499	A	*	*	*	*	*	*		
598	A	*	*	*	*	*	*		

BUSINESS EDUCATION - SECRETARIAL STUDIES

SECRETARIAL STUDIES

111	A	2		D	930-1030 WILSING	BLM	417		
112	A	2		D	1230-130 BROWN	BLM	417		
112	U	2	T	TH	700-920 PM	BLM	417		
115	A	3		D	1030-1130	BLM	201		

‡ Permission signature required. See pages 51-58 for any general permission requirements for the departments, schools, or colleges in whose courses you wish to register.

SECRETARIAL STUDIES - CONTINUED

#122	A	3		D	830-930 BROWN	BLM	417
#122	B	3		D	130-230 BROWN	BLM	413
#122	U	3	M T		700-920 PM	BLM	413
320	A	5		D	130-330 FRERICHS	BLM	417

STUDY ABROAD-AVIGNON, FRANCE

ART

259	A	3	*		* HIXSON	*	*
265	A	3	*		* HIXSON	*	*
266	A	3	*		* HIXSON	*	*
267	A	3	*		* HIXSON	*	*
307	A	3	*		* HIXSON	*	*
308	A	3	*		* HIXSON	*	*
320	A	2	*		* SMITH	*	*
332	A	3	*		* SMITH	*	*
333	A	3	*		* SMITH	*	*
334	A	3	*		* SMITH	*	*
436	A	5	*		* SMITH	*	*
437	A	5	*		* SMITH	*	*
438	A	5	*		* SMITH	*	*
463	A	3	*		* HIXSON	*	*
464	A	3	*		* HIXSON	*	*
465	A	3	*		* HIXSON	*	*
475	A	3	*		* HIXSON	*	*
476	A	3	*		* HIXSON	*	*
477	A	3	*		* HIXSON	*	*
483	A	5	*		* OPPERMAN	*	*
496	A	3-10	*		* OPPERMAN	*	*
497	A	3-10	*		* HIXSON/SMITH	*	*

CLASSICAL STUDY IN ROME

ART

342J	A	3	*	*		*	*
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GREEK

490	C	3-6	*	*		*	*
490 H	D	3-6	*	*		*	*
499	B	*	*	*		*	*

LATIN

490	C	3-6	*	*		*	*
490 H	D	3-6	*	*		*	*
499	B	*	*	*		*	*

CLASSICAL ARCHAEOLOGY

342J	A	3	*	*		*	*
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HISTORY

499	C	1-5	*	*		*	*
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STUDY ABROAD-LONDON, ENGLAND

ART

214	A	3	*	*	REED	*	*
496	B	3-10	*	*	REED/GROSSMANN	*	*
578	A	3	*	*	GROSSMANN	*	*
600	A	*	*	*		*	*
700	A	*	*	*		*	*

STUDY ABROAD-KYOTO, JAPAN

ART

420	A	8	*	*	WEBB	*	*
496	C	3-10	*	*	WEBB	*	*
497	B	3-10	*	*		*	*
600	B	*	*	*		*	*