

*Summer Quarter*



**Summer 1994**



**Seattle, Washington**

June 20-August 19  
Full Term

June 20-July 20  
a Term

July 21-August 19  
b Term

*of*

WINTER  
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N  
BULLETIN

*Summer Quarter*

# Study at the UW this summer

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Summer is a special time to learn at the University of Washington. There is no summer enrollment limit, so admission is open to all qualified applicants. Continuing UW students, Washington residents, students from other universities and colleges and residents of other states and countries are welcome to attend.

## **Choose from over 1,500 courses**

The UW offers one of the nation's largest summer programs, including more than 1,500 courses in over 100 fields of study. Many classes and workshops described in this bulletin are scheduled only in the summer. You can earn up to a year's language credit in nine weeks by completing an intensive summer language course. Many courses are scheduled for educators seeking certification and endorsements.

## **Short terms are available**

Four and one-half-week *a* and *b* terms are available in addition to the full nine-week summer term. Many special summer institutes and workshops are scheduled for even shorter periods. Some classes that are open only to majors in other quarters may be taken by nonmajors in the summer.

## **In-state fees for most courses**

Residents and nonresidents pay in-state fees in the summer except for courses offered by the medical and dental schools.

## **It's easy to apply and register**

If you haven't already applied, simply complete the application on the inside back cover of this bulletin. You may register by touch-tone telephone (starting May 2), once you are notified of admission.

Continuing UW students enrolled for Spring Quarter 1994 do not need to apply for Summer Quarter. Use the Summer Quarter Time Schedule in this bulletin and register by STAR the same way as for any other quarter

## **Summer Quarter 1994 sessions**

- June 20-August 19 Full Term
- June 20-July 20 *a* Term
- July 21-August 19 *b* Term

# Summer Quarter Quick Reference

## Overview

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## How to apply and register\*

1. Complete the application on the inside back cover. If you have already applied for Summer/Autumn admission as a matriculated student, do not complete this form.

2. Mail the application with a nonrefundable application fee of \$35 (please attach a check in U.S. funds made payable to the University of Washington). Applications will be processed as soon as possible. However, due to the volume of applications received, processing time may take four to six weeks.

■ If you have never attended UW credit classes, mail application to:

Office of Undergraduate Admissions, PC-30  
320 Schmitz Hall  
University of Washington  
Seattle, WA 98195

■ If you have previously attended UW credit classes and have been assigned a student I.D. number, mail application to:

Registration, PD-10  
225 Schmitz Hall  
University of Washington  
Seattle, WA 98195

3. You may register by touchtone telephone as soon as you receive notification of acceptance but not before May 2, 1994. See STAR registration instructions, pages 128-129.

See Admissions, pages 118-120, or call Summer Quarter Academic Advising, (206) 543-6160, for additional information.

\* Continuing UW students currently enrolled for Spring Quarter 1994 or students who completed Winter Quarter 1994 and took Spring Quarter off do not need to apply for Summer Quarter. Use the *Summer Quarter Bulletin and Time Schedule* and register by STAR the same way as for any other quarter.

## Important dates for Summer Quarter 1994

|         |   |
|---------|---|
| MAY 2   | STAR registration by phone begins for Summer Quarter  |
| JUNE 1  | Last day applications accepted by mail; later applications accepted in-person only  |
| JUNE 20 | Full Term and <i>a</i> Term classes begin; students billed for Summer Quarter tuition   |
| JUNE 20 | \$25 late fee assessed to register late for full and <i>a</i> Term; July 21 for <i>b</i> Term   |
| JUNE 27 | \$20 change fee assessed to add, drop or change a course for full and <i>a</i> Term; July 28 for <i>b</i> Term. Additional tuition or tuition forfeiture may also be charged. |
| JULY 4  | Independence Day holiday  |
| JULY 5  | \$75 late fee assessed to register late for full and <i>a</i> Term; July 28 for <i>b</i> Term   |
| JULY 8  | Tuition payment deadline  |
| JULY 20 | <i>a</i> Term ends  |
| JULY 21 | <i>b</i> Term begins  |
| AUG. 19 | Full term and <i>b</i> Term end   |

For other application deadlines and important dates, please refer to the *Quick Reference Guide to Quarter Deadlines*, pages 116-117.

## Course descriptions and time schedule information

Course titles and descriptions are listed in the *Course Descriptions* section of this bulletin, pages 6-73. Courses offered at branch campuses at Bothell and Tacoma are listed on pages 71-73.

◆ denotes *a* Term, June 20-July 20; ▲ denotes *b* Term, July 21-Aug. 19. Courses without a symbol meet for the full Summer Quarter, June 20-Aug. 19. Specific dates are given for short, intensive workshops which do not meet for entire term lengths. See page 6-7 for more information on how to read course listings.

The *Time Schedule* section of this bulletin, pages 75-115, contains the dates and times you need to plan your schedule and the schedule line number (SLN) used when registering by phone using STAR. See page 74 for more information on how to read the time schedule.

## Summer Quarter Quick Reference

### Overview

### How to apply and register

### Important dates for Summer Quarter 1994

### Course descriptions and time schedule information

## Quick Reference Guide to Quarter Deadlines

For a complete list of application deadlines, registration periods, late fees and dates to add, drop or withdraw from courses, be sure to check the *Quick Reference Guide to Quarter Deadlines* on pages 116-117 of this bulletin. Information is provided for full term as well as *a* and *b* term courses.

## University of Washington Administration

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## The University of Washington Values Diversity

**Students:** The University of Washington is committed to promoting respect for the rights and privileges of others, understanding and appreciation of human differences and the constructive expression of ideas.

This commitment is supported by federal and state laws and University policies prohibiting discrimination on the basis of:

- Age
- Color
- Sex
- National Origin
- Religion
- Status as a Disabled Veteran
- Creed
- Disability
- Marital Status
- Race
- Sexual Orientation
- Vietnam Era Veteran

If you believe you have been discriminated against on the basis of the factors listed above, the circumstances should be reported to:

- Office of the Vice President for Student Affairs  
476 Schmitz Hall, 543-4972
- U.S. Department of Education  
Office for Civil Rights  
220-7920, TTY 220-7907
- Human Rights Office  
4045 Brooklyn Ave. NE, 543-7217 V/TDD
- University Ombudsman, 543-6028  
Ombudsman for Sexual Harassment, 543-0283  
301 Student Union Building
- Washington State Human Rights Commission  
464-6500, TTY 587-5168

The University of Washington Student Conduct Code obligates students to:

- Maintain high standards of academic and professional honesty and integrity;
- Respect the rights, privileges and property of other members of the academic community and visitors to the campus, refraining from actions which would interfere with University functions or endanger the health, safety or welfare of other persons; and
- Comply with the rules and regulations of the University and its schools, colleges, and departments.

Violations of these standards may result in a variety of disciplinary actions, including suspension or permanent dismissal from the University.

Copies of the Code may be obtained from  
476 Schmitz Hall.

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# Visiting Faculty

The UW is proud to announce the following visiting professors for Summer Quarter

## College of Arts and Sciences

### Anthropology

*C. Jean DeRousseau*, B.A., University of Chicago; M.A., Ph.D., Northwestern University; faculty, University of Miami  
PHY A 201/502 Principles of Physical Anthropology/Preceptorial Reading  
PHY A 487 Human and Comparative Osteology

### Asian Languages and Literature

*Setsuko Buckley*, Ed.D., (multicultural education), Western Washington University; faculty, Western Washington University  
JAPAN 134 First-Year Intensive Japanese

### English

*Rukmani Bhaya Nair*, Ph.D., University of Cambridge; M.A., University of Jadavpur; faculty, Jawaharlal Nehru University, New Delhi  
ENGL 394♦ Language of Literature

### Geography

*Yehuda Hayuth*, Ph.D., University of Washington; faculty, University of Haifa, Israel  
GEOG 448▲ Geography of Transportation

### History

*David Curley*, Ph.D., University of Chicago; faculty, Western Washington University  
HSTAS 403 Modern India to 1900

*Raymond Ephraim Dumett*, Ph.D., London University; faculty, Purdue University  
HST 351♦ History of Africa to 1800

*Bradley Woodworth*, M.A., Harvard; doctoral candidate, University of Indiana  
HSTEU 454▲ Baltic History

### International Studies

*Angela Wei Djao*, B.A., M.A., Ph.D., University of Toronto; faculty, North Seattle Community College  
SISCA 495♦ Multiculturalism in Canada

*Monica Ellen Seabre Hirst*, B.A. (history), Pontificia Univeraladad Catolica de Rio de Janeiro; M.A. (political science), Instituto Universitario de Pesquisas de Rio de Janeiro; faculty, Facultad Latinoamericana de Ciencias Sociales (FLASCO), Buenos Aires  
SIS 355♦ Social Change in Latin America

### Microbiology

*Peter Hirsch*, M.S., Ph.D., University of Hamburg; faculty, University of Kiel  
MICRO 301 General Microbiology

## Music

*Donald E. Casey*, Ed.D., University of Illinois; M.M., B.M., Northwestern University; faculty, Northwestern University

MUSED 496F♦ A Vision of the Future: Seven Ideas to Drive Music Teaching in the Next Century

*John Chenault*, Ph.D., M.S., B.M., University of Illinois, East Carolina; high school director, Indian River High School, Chesapeake, VA

MUSED 496J♦ Personal Computers in Music Education: Using Encore and Finale

*Richard Colwell*, Ed.D., University of Illinois; faculty, New England Conservatory

MUSED 496K♦ Issues on the "National Standards" in Music Education

*Robert Cutietta*, B.A., Cleveland State University; M.M., D.Ed., Pennsylvania State University; faculty, Kent State University

MUSED 525▲ Seminar in Music Education: Making Middle School Teaching Exciting and Musical

*John Feierabend*, B.M., Wayne State; M.E., University of Wisconsin; Ph.D., Temple University; faculty, University of Hartford

MUSED 524▲ Seminar in Music Education: Music in Early Childhood

*James Kjelland*, Ph.D., University of Michigan; faculty, University of North Texas

MUSED 496Q▲ String Class Pedagogy: Strategies for Building and Maintaining a Strong String Program

## Scandinavian Languages and Literature

*Guntis Smidchens*, M.A., and doctoral candidate (folklore), Indiana University

LITH 150 Intensive Lithuanian  
SCAND 230 Introduction to Folklore Studies

*Karile Vaitkute*, M.A. (Lithuanian studies), University of Illinois at Chicago; faculty, University of Illinois at Chicago

LITH 150 Intensive Lithuanian

*Brita Butler-Wall*, Ph.D. (applied linguistics), University of California, Los Angeles; faculty, Seattle University

SWED 150 Intensive First-Year Swedish

## Speech and Hearing Sciences

*Frank B. Wilson*, Ph.D., Northwestern University; faculty, Department of Speech Pathology and Audiology and Department of Rehabilitation Medicine, University of Alberta, Edmonton, Alberta  
SPHSC 535 Voice Disorders

## Statistics

*Hans Wachernagel*, Ph.D., Ecole Nationale Supérieure des Mines de Paris in Fontainebleau; senior research scientist (Ingenieur de Recherche), Centre de Geostatistique, Paris, France  
STAT 578 Spatial Statistics

## School of Business Administration

### Marketing

*Sharon Galbraith*, M.B.A., Ph.D., University of Washington; faculty, Seattle University  
MKTG 301 Marketing Concepts

*Chip Miller*, B.A., M.B.A., M.A., University of Kansas; Ph.D., University of Washington; faculty, Pacific Lutheran University  
MKTG 330 Sales Force Management

## College of Education

### Educational Curriculum and Instruction

*Shirley Brice Heath*, Ph.D. (anthropology), Columbia University; faculty, Stanford University  
EDC&I 505♦ Youth Culture, Development and Education

*Carlos J. Ovando*, Ph.D.; faculty, Indiana University  
EDC&I 494▲ Multicultural Education

### Educational Psychology

*Gregory R. Hancock*, Ph.D., University of Washington; faculty, Auburn University, Alabama  
EDPSY 593 Experimental Design and Analysis  
EDPSY 594 Advanced Correlational Techniques

## The Graduate School of Library and Information Science

*Pauline A. Cochrane*, M.A., Rosary College; faculty, University of Illinois  
LIBR 598B▲ Special Topics in Librarianship: Improved Access to Information in Online Bibliographic Information Systems and Services

*Charles Curran*, Ph.D., Rutgers University; faculty, College of Library and Information Science, University of South Carolina  
LIBR 598C▲ Special Topics in Librarianship: Interpersonal Communication in the Information Professions

*Thomas J. Galvin*, Ph.D., Case Western Reserve; professor and director, Information Science Ph.D. Program, State University of New York, Albany  
LIBR 598A♦ Special Topics in Librarianship: Information and Public Policy

*Judith Meadows*, M.L.S. and certificate of legal studies, University of Maryland; director and state law librarian, State Law Library of Montana  
LIBR 577♦ Law Library Administration

## Graduate School of Public Affairs

*Dwight Dively*, Ph.D., University of Washington; City Council Central Staff Director, City of Seattle  
PBAF 522♦ Public Management: Budgeting

*Michael Harris*, Founder, Pilgrim Center for the Arts  
PBAF 598V♦ Building and Managing Your Own Arts Organization



# Guide to Course Descriptions

See the *Time Schedule* section, pages 74-115 for class dates and times.

Course titles and descriptions are arranged in alphabetical order by college and school; academic departments are listed alphabetically within the appropriate college. The *Time Schedule* section of this bulletin, pages 74-115, contains the dates and times you need to plan your schedule, and the schedule line number (SLN) used when registering by phone using STAR. For further information, contact the appropriate department.

## Credits

The University of Washington is on the quarter system. The credit listed for each course is the quarter credit. Semester credits multiplied by 1.5 equal quarter credits; quarter credits divided by 1.5 equal semester credits. Credit is given for full-quarter courses only when the entire quarter is completed.

Some courses may be repeated for additional credit during subsequent quarters or terms; in this case, the maximum number of credits that may be earned is stated (e.g., 2, max. 8).

## Symbols

◆  
Class meets *a* Term:  
June 20-July 20  
No symbol: class meets full term

▲  
Class meets *b* Term:  
July 21-Aug. 19  
No symbol: class meets full term

**W**  
A course number followed by a **W** indicates that the course is a writing course and partially fulfills the College of Arts and Sciences "W" course requirement.

**(2, max. 8)**  
The first number is the number of credits that may be earned in a single quarter or term. The second is the maximum number of credits that may be earned by repeating the course.

**(1-5)**  
Varying number of credits per single quarter or single term. Specific number may be determined by consultation with instructor or advisor.

**(\*)**  
Variable credits. Call the sponsoring department for more information.

**CR/NC only**  
Course offered for credit/no credit grading only.

## Course listing system

Most course listings include course number, title, credits given (specific or variable), a description and statement of subject matter and method, and any prerequisite required. Independent study courses and seminars or other courses offered on a special-arrangement basis with the department are shown at the end of the regular departmental listing. For details about courses offered by special arrangement, consult the *Time Schedule* section of this bulletin or the department.

Courses numbered from 100 through 299 are lower-division courses normally for freshmen or sophomores; those numbered from 300 through 499 are upper-division courses normally for juniors, seniors and postbaccalaureate students. Courses numbered 500 and above are generally restricted to graduate students.

When acceptable to the graduate program, 300-level courses in a minor or supporting field and 400-level courses may be applied toward the minimum Graduate School requirements of residence and total credit count for the degree.

A student of senior, postbaccalaureate or nonmatriculated standing who wishes to register for a 500-level graduate course must obtain permission from the instructor of the class and the departmental chairperson or designated representative.

## Graduate courses

### 600, 700 and 800

Courses numbered 600, 700 and 800 are restricted to students in the Graduate School. They appear by number and title only where applicable under the department course listings. Descriptions for these courses are generally uniform and are listed below in order to eliminate the necessity of repeating them each time the courses appear. The asterisk (\*) following the course title indicates the amount of credit is variable. Some 600, 700 and 800 courses are offered on a credit/no-credit-only basis. Call the sponsoring department for more information.

### 600 Independent Study or Research (\*)

Individual readings or study, including independent study in preparation for doctoral examination, research, etc. Prerequisite: permission of supervisory committee chairperson or graduate program coordinator. The name of the faculty member responsible for supervising the student should be listed on the program of studies. Call the sponsoring department for more information.

### 601 Internship (\*)

Internship required of students in a graduate degree program other than Doctor of Arts. Prerequisite: permission of supervisory committee chairperson or graduate program coordinator. The name of the faculty member responsible for supervising the student should be listed on the program of studies. Call the sponsoring department for more information.



### 700 Master's Thesis (\*)

Research for the master's thesis, including research preparatory or related thereto. Limited to graduate students who have not yet completed the master's degree in their major field at the University of Washington. Prerequisite: permission of supervisory committee chairperson or graduate program coordinator. The name of the faculty member responsible for supervising the student should be listed on the program of studies. Call the sponsoring department for more information.

### 750 Internship (\*)

Internship required of all graduate students in the Doctor of Arts degree program. Call the sponsoring department for more information.

### 800 Doctoral Dissertation (\*)

Research for the doctoral dissertation, including research preparatory or related thereto. Limited to intermediate graduate students, i.e., those who have completed the master's degree or the equivalent and have been formally admitted into a doctoral degree program or candidate-level graduate students. Premaster students initiating doctoral dissertation research should register for 600. Prerequisite: permission of supervisory committee chairperson or graduate program coordinator. The name of the faculty member responsible for supervising the student should be listed on the program of studies. Call the sponsoring department for more information.

### Courses fulfilling the W requirement

Students who plan to take majors in the College of Arts and Sciences, and who started college Autumn Quarter 1985 or later, must complete 10 credits of courses designated W. Some other undergraduate majors also require W courses. W courses are not English composition courses, but, rather, are courses in which a substantial amount of writing is required. Almost any department can offer W courses. The following summer courses

have been designated as W courses. For some courses, only certain sections fulfill the W requirement. Please refer to the *Time Schedule* section for details.

Architecture (ARCH) 478, 488  
Asian American Studies (AAS) 402  
Anthropology (ANTH) 454  
Chemistry (CHEM) 299  
Communications (CMU) 328, 341  
Drama (DRAMA) 302  
Economics (ECON) 406, 460  
English (ENGL) 197, 198, 200, 202, 203, 204, 359  
French (FREN) 301, 302  
Geography (GEOG) 447  
History (HST) 498  
Law (LAW) 476  
Political Science (POL S) 303, 313, 449  
Psychology (PSYCH) 231, 232, 233, 414, 417, 419  
Sociology (SOC) 110  
Speech and Hearing Sciences (SPHSC) 350 A  
Women (WOMEN) 313, 454, 490 A

### Intensive language courses

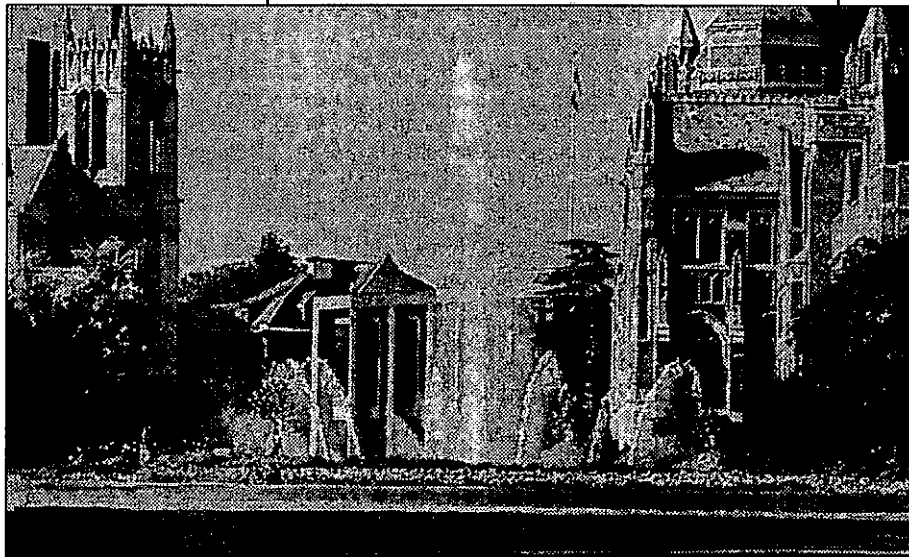
Earn up to a year's worth of language credit in nine weeks by completing an intensive summer language course. Courses are offered in the following languages:

- |            |              |
|------------|--------------|
| ■ Arabic   | ■ Kirghiz    |
| ■ Bengali  | ■ Korean     |
| ■ Chinese  | ■ Latin      |
| ■ French   | ■ Lithuanian |
| ■ German   | ■ Polish     |
| ■ Greek    | ■ Russian    |
| ■ Hebrew   | ■ Spanish    |
| ■ Hindi    | ■ Swahili    |
| ■ Italian  | ■ Swedish    |
| ■ Japanese | ■ Tajik      |
| ■ Kazakh   | ■ Uzbek      |

## Guide to Course Descriptions

Courses fulfilling the W requirement

Intensive language courses



## College of Architecture and Urban Planning

The College of Architecture and Urban Planning offers several summer courses for beginning students, including *Appreciation of Architecture II* (ARCH 151), *Introduction to Architectural Photography* (ARCH 313), *Architectural Sketching* (ARCH 415), *Design Drawing I* (ARCH 498A) and *Design Drawing II* (ARCH 498B).

## College of Architecture and Urban Planning (CAUP)

208 Gould Hall, JO-20  
Telephone: 543-4217

### 270 Computers in Environmental Design and Planning (3)

Laboratories, lectures and demonstrations that introduce computing in environmental design and planning, as well as a survey of the primary elements of computing in general. Basic skills development in text and word processing, database management, two- and three-dimensional graphics, land-use mapping and modeling, spreadsheet analysis utilizing VAX, CDC and microcomputer systems. Prerequisite: entry code.

### 496 Practical Experience (3-6, max. 6)

Open only to majors. Prerequisite: entry code. CR/NC only.

### 498 Special Projects (1-12, max. 12) D. Studio (6)

An introduction to design and planning processes and principles for CAUP majors and others seeking beginning development and understanding of the disciplines.

## Architecture (ARCH)

208 Gould Hall, JO-20  
Telephone: 543-4180

### 151◆ Appreciation of Architecture II (3)

Historical survey of the architecture of Western civilization. For nonmajors.

### 313 Introduction to Architectural Photography (3)

Introduction to basic elements and processes of architectural photography to include camera controls, exposure technique and photo processing. Student must provide own camera with lens, shutter and aperture controls.

### 403 Architectural Problems (6)

Various studio problems in nonresidential building design to develop basic skills in the synthesis and integration of building form. Prerequisite: 302 or permission.

### 412 Architectural Illustration and Presentation (3)

Issues, conventions and techniques used in architectural renderings: line drawings, shaded drawings, use of color, composition, organization, advanced perspective, scale figures, entourage, reflections and media. Prerequisite: 311.

### 415 Architectural Sketching (3)

Exercises in freehand representational drawing using charcoal, graphite and conte crayon with emphasis on line, proportion, values and composition. Studies progress from geometric to nongeometric forms.

### 420 Structural Design I (4)

Reinforced concrete fundamentals. Prerequisite: 322.

### 426 Structural Unit Masonry (4)

Structural behavior and design of reinforced brick, tile and unit masonry structures. Joint with CIVE 455.

### 452◆ Characteristics of Puget Sound Architecture and Towns (3)

Puget Sound architectural and town environment in terms of its historical development, but specifically including recent and pending changes affecting this environment in significant ways.

### 460◆▲ Design Theory and Analysis (3)

Problematical nature of philosophies of architecture; interaction of philosophical concepts and architectural form and expression. Fundamentals of architectural criticism.

### 478W Architectural CAD Systems (4)

Development, use and limitations of architectural computer-aided design systems in the professional office. Lectures, readings and exercises utilizing the college's CAD system as well as other computers. Prerequisites: 411 and CAUP 270.

### 488W◆ American Architecture (3)

American architecture from the seventeenth-century colonial period to the present. Emphasis on architects and buildings, including feature of urban development.

### 498◆ Special Projects (3-6, max. 12) A. Design Drawing I (4)

Projects, lectures, demonstrations and exercises to develop skills in freehand drawing and an understanding of drawing as a vital means to see, analyze and represent essential aspects of the visual environment.

### U. Architecture and the Body (3)

### 498▲ Special Projects (3-6, max. 12) B. Design Drawing II (4)

Projects, lectures, demonstrations and exercises to introduce the language of architectural drawing, with emphasis on freehand drawing as the primary means to imagine, explore and develop design ideas. Prerequisite: ARCH 498A.

### U. Architecture and the Body (3)

Review of classical, modern and post modern theories of the body and its relation to architecture. Interdisciplinary approach to texts and buildings. Lecture and discussion format.

### 506 Advanced Architectural Studies (6)

Advanced experimental studies dealing with significant architectural relationships that involve scholarly investigation, development and presentation of results. Majors only.

### 596 Fieldwork in Professional Practice (\*, max. 9)

On-location study under the supervision of a practicing professional involved in an aspect of environmental design. CR/NC only. Entry code required.

### Courses by special arrangement

*Undergraduate Research, Independent Study or Research, Master's Thesis*

## Building Construction (B CON)

116 Architecture Hall, AL-15  
Telephone: 543-6377

The Department of Building Construction offers a series of basic introductory courses for nonmajors (undergraduates and graduates), as well as a summer internship course open only to building construction majors. The introductory courses emphasize the fundamentals of the processes, practices, materials and techniques related to the construction industry. Please contact the department for additional information.

### 310◆ Construction Documents I (3)

This is the first of two courses designed to introduce students to working drawings, specifications and the various documents required to undertake residential and light commercial types of projects. The course will provide an opportunity for students to read and interpret construction documents as well as understand how they are used in the process of contract bidding and negotiation. The class will meet twice a week and is open to nonmajors with junior standing.

### 312◆ Introduction to the Construction Industry (3)

An introductory course providing a general overview of the construction profession and industry to those with little or no knowledge

about the industry. Students gain a basic understanding of the industry; types of construction projects; the key players and their respective roles and relationships; terminology; contract documents and their uses; procurement and delivery methods; professional ethics; and career paths and opportunities available in the industry. Open to nonmajors with junior standing.

### 313◆ Construction Methods and Materials I (3)

An introduction to construction types, building methods and structural systems commonly used in residential and light commercial projects. This is the first of two courses designed to provide the student with a basic knowledge of construction materials and techniques used in their installation. The course will begin with a survey of construction standards, basic materials and conclude with common building methods. Emphasis will be on residential and light commercial types of construction projects. Open to nonmajors with junior standing.

### 496◆ Construction Practice (3)

Integration of classroom theory with practical experience through direct, on-the-job application for one summer. For majors in building construction with 135 credits completed. Applicants are selected under competitive application during Spring Quarter. Entry code required. CR/NC only.

### 498◆ Introduction to Facilities Management (3)

An introductory course providing a general overview of the facilities management profession. Students gain a basic understanding of the practice, the range of activities, key players and their respective roles and relationships; terminology; and areas of relevant knowledge needed to pursue a career in this field.

### Course by special arrangement

*Undergraduate Research*

## Landscape Architecture (L ARC)

348 Gould Hall, JO-34  
Telephone: 543-9240

This summer the Department of Landscape Architecture will offer several courses which are open to nonmajors. Each course surveys different aspects of landscape architecture and reflects current concerns on technological developments in landscape architecture. An introductory *Design Studio* and career exploration course (L ARC 300) emphasizes hands-on experience with landscape architecture design concepts and techniques. *History of Urban Design* (L ARC 498U/URBDP 471) is a lecture course surveying the history of urban design from the

Classical period through the early twentieth century. *Multi-Media Computer Studio* (L ARC 498A) is a studio course utilizing the most current computer image processing techniques. Ethical dilemmas facing environmental designers will be examined in a weekly seminar class, *Environmental Design Ethics* (L ARC 498C). *The Design and Graphics Workshop—San Juan Islands* (L ARC 498D), a five-day camping field trip to the San Juan Islands, focuses on design and graphic activities in a wide range of outdoor settings. There are also opportunities to study special topics in new courses this summer. *Restoration Design: Ecological and Artistic Field Studies of Washington's Native Plant Communities* (L ARC 498B) is an introduction to the restoration of damaged ecosystems, integrating science and art. Please contact the department for further information.

### 300 Introductory Landscape Architecture Design Studio (6)

Develops basic design and graphic skills. Format includes studio, lectures, field trips and one-day workshops. Students conduct site analysis and produce drawings to convey design concepts. Workshop topics include relationship of visual perception to drawing, the role of values in design, verbal communication and behavioral analysis of the design process. Open to nonmajors.

### 406 Individual Design Studio (6)

Senior projects in landscape architecture vary according to students' particular emphasis and needs. Majors only.

### 476 Professional Operations (3-6, max. 6)

Practicum course for landscape architecture majors for internship and exposure to the profession with working experiences at various levels of professional endeavor. CR/NC. Majors only.

### 498 Special Projects (1-10, max. 30) U. History of Urban Design (3)

Survey of urban design from the Classical period through the early twentieth century. The design of urban areas as reflections of communal values is emphasized. Influence of the landscape and social, economic, political and technical processes and religious and intellectual values are studied. Joint with URBDP 471. Open to nonmajors.

### 498◆ Special Projects (1-10, max. 30) A. Multi-Media Computer Studio (6)

Advanced still image processing and video image processing techniques demonstrated in the Hyper-Media Computer Lab. Existing photographic images are manipulated and converted into a presentation format. The technology of image display for professional presentation is

changing dramatically, and this course enables students to stay abreast of current developments. Open to nonmajors.

### B. Restoration Design: Ecological and Artistic Field Studies of Washington's Native Plant Communities (6)

A new course integrating science and art in the study of several native plant communities in Washington state. The restoration of damaged ecosystems is now a central activity in landscape architecture, and this course is envisaged as an attractive introduction to restoration design. Open to nonmajors.

## RESTORATION DESIGN

*Ecological and  
Artistic Field Studies  
of Washington's  
Native Plant  
Communities*

June 20-July 20 (a term)  
L ARC 498B, 6 credits

A new course intended to integrate science and art in the study of several native plant communities in Washington state. The restoration of damaged ecosystems is now a central activity in landscape architecture, and this course is envisaged as an attractive introduction to restoration design. Open to nonmajors.

(L ARC 498 may be repeated for a maximum of 30 credits.)

**C. Environmental Design Ethics (3)**

A seminar exploring the ethical dilemmas facing environmental designers. This seminar will discuss ethics pertaining to environmental, aesthetic and social concerns. The class will assess built projects from those perspectives. What changes in values and attitudes will be needed in the 1990s to be effective practitioners? The discussion will be appropriate for students, environmental designers and anyone involved in environmental design. CR/NC only. Open to nonmajors.

**D. Design and Graphics Workshop—San Juan Islands (3)**

**July 11-15** A five-day intensive field trip emphasizing development of graphic and design skills applicable to landscape architecture, architecture, art, forestry, botany and related fields. Camp at University of Washington's Cedar Rock Preserve on Shaw Island, with design projects at other locations on the San Juan Islands. Prior art/graphic training not required. Required orientation meeting on Friday, July 7, 6-8 p.m., in 317 Gould Hall. Location: Cedar Rock Preserve, Shaw Island. Open to nonmajors.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Graduate Internship, Master's Thesis*

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**Urban Design and Planning (URBDP)**

410 Gould Hall, JO-40  
Telephone: 543-4190

The Department of Urban Design and Planning is offering a series of courses emphasizing tools and skills used in the practice of urban design and planning and related activities. Courses are open to undergraduates, graduates and professionals who want to expand their knowledge base and skill level. Short and fast-paced, these courses may be taken concurrently in the evening after work or on a long lunch break.

**451♦ Housing (3)**

**June 20-Aug. 3** Survey of housing and redevelopment problems, theories, standards and practice. Development of public policies, finance, technological considerations, social factors and priorities. Prerequisite: 300 or permission of instructor.

**471 History of Urban Design (3)**

Aspects of form, pattern and space that mark efforts of individuals and groups to express their values and goals in the design of their cities. Special attention given to both historical and modern examples.

**498 Special Topics (1-9, max. 15)**

**E. Macintosh Workshop on Digital Graphic Media (3)**

This intensive workshop, using color Macintosh machines, covers desktop publishing, graphics, presentation, animation and 3D rendering. Some basic introduction to computers is required. The course is designed to provide skill development and boost student/professional productivity.

**L. Spatial Data Management and GIS Application in Planning Analysis (4)**

An introductory course for those with little or no experience with Database Management Systems (DBMS) and Geographic Information Systems (GIS). This course provides principles of relational databases and their design, and introduces geographic information systems within the context of urban planning applications using microcomputers. Through hands-on use of relational database programs, ArcView for Windows and PC ARC/INFO, students gain an understanding of the concepts, terms and software used in spatial data management and analysis in planning. Prerequisite: basic PC skills and familiarity with DOS operating system.

**498♦ Special Topics (1-9, max. 15)**

**D. Building Community (3)**

For several decades, we have been witnessing massive environmental and social dislocations. Many of these problems can be traced back to the fundamental breakdown of community. Responding to this situation, planners, activists and designers have begun to seek strategies for positive social change through the creation of non-alienating, decentralized and directly democratic social and physical structures. As citizens, activists and professionals, we will explore the potential applications of social ecology for promoting positive change and bringing us closer to an ecological society.

**I. Site Planning for Subdivisions and Planned Unit Developments (3)**

Site planning for subdivisions and planned unit developments can be described as the art of arranging building sites on the land and shaping the spaces between. This course has been designed to provide "hands-on" experience in designing planned unit developments and master planned communities. Taught by practicing site planners, the course will develop a step-by-step methodology leading from conceptual design and permitting through project construction. Frequent guest lectures by design and technical professionals active in the field.

**J. Research and Professional Documents Computer Workshop (3)**

Deals with the organization and full utilization of computer capabilities while working towards thesis, dissertation, or professional document preparation. Focuses on Macintosh applications. Areas to be covered include using the special features of Microsoft Word such as outlining, formatting with style sheets, table of contents, generation tables and dealing with various graphic formats through scanning.

**498▲ Special Topics (1-9, max. 15)**

**C. Beyond Zoning: Land Use/Environmental Nexus (3)**

Examines how the distinction between traditional land use tools and more modern environmental regulation is disappearing as the focus of environmental policy has expanded and land use planning and zoning have adopted a more comprehensive agenda. Special attention will be given to topics such as regulation of sensitive areas; federal and state environmental statutes addressing hazardous waste; water and air quality; and the increasingly complex intergovernmental relationships affecting such programs.

**G. Seminar in Squatter Settlements (2)**

Deals with the development of urban design and affordable housing strategies and guidelines for an existing squatter settlement community of 65,000 in Rio de Janeiro. The seminar will prepare students to deal with the complex issues of illegal settlements and affordable housing in a context of rapid urbanization. These are important issues for architectural education not only because they represent the living conditions of a significant portion of the urban population in developing countries but also because of the growing numbers of homeless in first-world cities and the U.S. Open to undergraduate and graduate students. A studio option is available with instructor permission. To be taken as independent study.

**K. Desktop Publishing on the Macintosh (3)**

A hands-on workshop covering all facets of Aldus PageMaker and Microsoft Word, including graphics and scanning to produce newsletters, publications and flyers for office, school, or personal use.

**Courses by special arrangement**

*Special Projects, Professional Project, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

## College of Arts and Sciences

The College of Arts and Sciences offers a broad range of courses centered in the humanities, social sciences and natural sciences. Students who plan to graduate from the College are expected to fulfill proficiency, distribution and major requirements.

Numerous courses in English composition, mathematics and foreign language that may be taken to satisfy the proficiency requirement are offered during Summer Quarter. Special intensive courses are offered in several languages. Students also may choose from a variety of courses in the humanities, social sciences and natural sciences. These courses may help meet the distribution requirement. In addition, courses are available for entering freshmen in all departments that offer major fields of study.

Recognition of the importance of writing in undergraduate education led to the adoption of a new requirement for students graduating from the College of Arts and Sciences who began college in or after Autumn Quarter 1983. These students must include among their courses 10 credits designated as "W" (writing courses).

Advanced courses are listed for students who have selected a major and use summer sessions to hasten the time of their graduation. The upper-division courses are changed each year, providing variety to students whose attendance is limited to Summer Quarter.

Teachers will find a variety of courses in foreign languages, English, the natural and social sciences and the fine arts.

### American Ethnic Studies (AES)

B510 Padelford Hall, GN-80  
Telephone: 543-5401

American Ethnic Studies courses are offered in:

- Afro-American Studies
- Asian American Studies

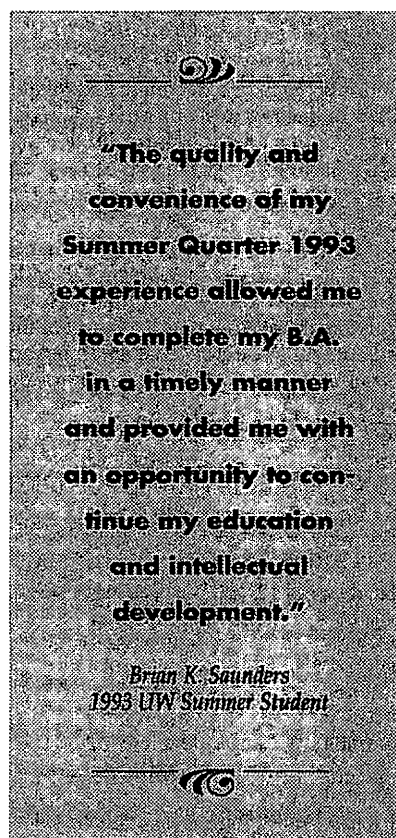
American Ethnic Studies is a multicultural and multiracial research, teaching and service unit dedicated to providing relevant knowledge in the study of ethnicity and ethnic relations. Through the department's three programs, Afro-American, Asian American and Chicano Studies, students study interdisciplinary, ethnic-specific and comparative concepts, theories and methods of inquiry which shape the cultural, social, historical, economic and political character of selected American ethnic communities.

The department plans to offer majors in American Ethnic Studies and in each of the ethnic-specific programs. Currently a major in Afro-

American Studies is offered. General studies degrees in both Asian American Studies and Chicano Studies are offered.

### 461 Comparative Ethnic Race Relations in the Americas (5)

Sketches the ethnoracial systems operating in American society. Studies these systems as systems, and examines their institutional and interpersonal dynamics. Compares ethnoracial systems in order to arrive at empirical generalizations about race/ethnorelations in the Americas. Joint with SOC 461.



### Afro-American Studies (AFRAM)

B504 Padelford Hall, GN-80  
Telephone: 543-5401

Afro-American Studies is an interdisciplinary program which includes courses in a variety of academic disciplines. These courses broaden knowledge of the Black experience and prepare students for careers in various fields.

### 150 Afro-American History (5)

Introductory survey of topics and problems in Afro-American history with some attention to Africa as well as to America. Basic introductory

course for sequence of lecture courses and seminars in Afro-American history. Offered jointly with HSTAA 150.

### 201 Introduction to Black Studies (5)

The history, culture, religion, institution, politics, economics, arts and psychology of peoples of African descent as developed from experience in both the old world and the new. Multidisciplinary analysis of social life from a black perspective as illustrated in selected historical and contemporary writings.

### 309 Intensified Basic Swahili (15)

Development of basic grammatical and conversational skills in the most important language of East and Central Africa. Basic Swahili (306, 307, 308) is taught in an intensified form during Summer Quarter. Students receive a total of 15 credits for the course. The class may be used for the Foreign Language requirement.

### Course by special arrangement

*Undergraduate Independent Study and Research*

### Asian American Studies (AAS)

B501 Padelford, GN-80  
Telephone: 543-5401

### 205 Asian American Cultures (5)

An introduction to the historical and cultural experiences of Asians in America from 1850 to 1950: immigration patterns, evolution of sub-cultures, evacuation and social organizations. Not open to students who have taken GIS 305.

### 206 Contemporary Problems of Asian Americans (5)

Recent Asian American issues from 1950 to the present. Topics include ghetto communities, civil rights, identity problems and ethnicity, social organizations, political movements and recent immigration.

### 370 Japanese American History and Culture (5)

Historical roots and subsequent changes in the Japanese American group examined through an interdisciplinary approach. Topics include historical events, culture, values, social and community structures, institutions, occupations and future orientations. Prerequisites: 205 or equivalent or permission of instructor.

### 402W Contemporary Asian American Literature (5)

Asian American literature from the 1940s to the present. Emphasis on the development of attitudes and identities in contemporary Asian American literature, the role of the writer in a minority culture and the relationship of literature to self and society. Recommended: 401. Not open for credit to students who have taken 400.

### Course by special arrangement

*Undergraduate Independent Study and Research*

# NORTHWEST STATES INDIAN MYTHS AND TALES

• AIS 475, 5 credits

An introduction to the rich myth and folktale heritage of the Native peoples of Washington, Oregon and Idaho. This lecture/discussion course will emphasize common features of content (plots, themes and characters), style and performance. The course will also consider such questions as: What do these stories mean to us and the people who tell them? How do the stories reflect the Native cultures? How has the folklore changed under the impact of the dominant white culture? What are some problems with representing an oral literary tradition on the printed page? Basket Ogress stories from the Clackamas Chinook, Coos stories about people who marry non-humans, a Chinook Jargon story about the origin of death, Petit Jean tales from the Santiam Kalapuya and Coyote stories from several traditions will be read. (AIS 475 may be repeated for a maximum of 15 credits.)

## American Indian Studies (AIS)

C514 Padelford, GN-05  
Telephone: 543-9082

### 317▲ North American Indians: Southwest (5)

Overview of history and ethnography of the Southwest with emphasis on Apacheans, Pueblos and Pimans/Yumans. Social organization, religion, world view and expressive culture of specific groups such as Navajo, Hopi, Zuni, Tewa and Papago will be stressed.

### 475 Special Topics in Indian Studies (1-5, max. 15)

#### A. Northwest States Indian Myths and Tales (5)

An introduction to the rich myth and folktale heritage of the Native peoples of Washington, Oregon and Idaho. This lecture/discussion course will emphasize common features of content (plots, themes and characters), style and performance. The course will also consider such questions as: What do these stories mean to us and the people who tell them? How do the stories reflect the Native cultures? How has the folklore changed under the impact of the dominant white culture? What are some problems with representing an oral literary tradition on the printed page? Basket Ogress stories from the Clackamas Chinook, Coos stories about people who marry nonhumans, a Chinook Jargon story about the origin of death, Petit Jean tales from the Santiam Kalapuya and Coyote stories from several traditions will be read.

## Anthropology (ANTH)

M32 Denny Hall, DH-05  
Telephone: 543-5240

Anthropology courses are offered in:

- Sociocultural Anthropology
- Archaeology
- Physical Anthropology

The Department of Anthropology offers courses at the introductory and upper-division levels for both majors and nonmajors, as well as for teachers, social workers and others interested in cultural and biological variation.

An archaeological field school (ARCHY 270, 571) will be conducted in the Mogollon Highlands of west central New Mexico. Excavations will be conducted on a number of prehistoric sites in the middle San Francisco River region. The field camp will be based in Glenwood, New Mexico. This course provides an opportunity to learn basic field and laboratory tech-

niques, including artifact and site recognition, survey, excavation and mapping. Students will work with a wide spectrum of archaeological data and become familiar with the prehistory of the American Southwest. Enrollment is limited by facilities. A fee for room and board is charged in addition to tuition. Applications are due by April 15, 1994. For a field school information/application packet, call (206) 543-5240.

### 100 Introduction to Anthropology (5)

Introduction to the subfields of archaeology, physical anthropology and sociocultural anthropology through examination of selected problems in human physical, cultural and social evolution. Not recommended for students who have had other courses in anthropology, archaeology, or physical anthropology. May not be counted toward the 55 credits required for the major in anthropology.

### Courses by special arrangement

*Master's Thesis, Doctoral Dissertation*

## Sociocultural Anthropology (ANTH)

### 202 Principles of Sociocultural Anthropology (5)

Comparison of lifeways of various non-Western and Western peoples. Introduction to the basic theories and methods used in the field.

### 203 Introduction to Anthropological Linguistics (5)

Linguistic methods and theories used within anthropology. Descriptive and theoretical linguistics compared; historical linguistics and comparative method; sociolinguistics; language and culture; human language and animal communication compared; survey of history of anthropological linguistics in North America. Joint with LING 203. Not open for credit to students who have taken LING 200, 201, or 400.

### 301▲ Human Nature and Culture (3)

Comparison of various anthropological perspectives on the sources of variation in customs, values and beliefs of human groups, including non-Western peoples and contemporary Americans.

### 321◆ Introduction to the Anthropological Study of Religion (3)

Comparative study of religion as approached by anthropologists. Primarily for non-anthropology majors.

**405▲ Peoples of the Soviet Union (5)**

Traditional cultural and social organizations of the various nationalities in Russia. Particular emphasis on peoples of Siberia. Role of traditional culture in shaping contemporary lifestyles in multiethnic, diversified setting. Joint with SISRE 405. Prerequisite: ANTH 202 or permission of instructor.

**429 Expressive Culture (5)**

Anthropological view of one expressive act of culture; plastic-graphic arts, myths and folktale, music, dance, humor and tragedy, or play and games. Prerequisite: 202 or permission of instructor.

**451▲ Phonology I (4)**

Speech sounds, mechanism of their production and structuring of sounds in languages; generative view of phonology. Joint with LING 451▲. Prerequisite: LING 200 or 400, either of which may be taken concurrently, or permission of instructor.

**454W◆ Women, Words, Music and Change (5)**

Comparative analysis of the use of myths, tales, music and other forms of expressive culture to account for, reinforce and change women's status and roles. Joint with WOMEN 454. Prerequisite: 353 or permission of instructor.

**461◆ 462▲ Syntax I, II (4,4)**

Study of the structural properties of language; introduction to generative transformational syntax. Joint with LING 461◆, 462▲. Prerequisite: 200 or 400 or permission of instructor.

**475◆ Perspectives in Medical Anthropology (5)**

Introduction to medical anthropology. Explores the relationships among culture, society and medicine. Examples from Western medicine as well as from other medical systems, incorporating both interpretive and critical approaches. Joint with HSERV 475.

**489 Anthropology Practicum (3-9, max. 15)**

Faculty-supervised off-campus internship in organizations utilizing anthropological skills in non-academic settings. Establishing educationally valuable individual projects for internships with faculty sponsor. Organizations include museums, social service and other governmental agencies and private nonprofit service agencies. Prerequisites: major in anthropology and permission of instructor, entry code.

**500 Preceptorial Reading (6)**

For beginning graduate students who have not had adequate training in the problems, principles and methods involved in the analysis and comparison of social and cultural systems. Not open to graduate students in the sociocultural anthropology program.

**503 Preceptorial Reading in Linguistic Anthropology (6)**

For beginning graduate students who have not had prior training in the problems, principles and methods involved in linguistic anthropology. See also course description for 203. Not open to graduate students in the linguistics program.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Archaeology (ARCHY)****105 World Prehistory (5)**

Prehistoric human ancestors from three million years ago: their spread from Africa and Asia into the Americas, survival during ice ages, development of civilizations. Well-known archaeological finds (e.g., Olduvai Gorge; Neanderthals; Jericho; Egyptian pyramids; Mexican temples; Mesa Verde; Ozette, Washington). May not be counted toward the 55 credits required for the major in anthropology.

**205 Principles of Archaeology (5)**

Techniques, methods and goals of archaeological research. Excavation and dating of archaeological materials. General problems encountered in explaining archaeological phenomena.

**270 Field Course in Archaeology (12)**

Introduction to field acquisition of archaeological data through survey and excavation. Ongoing field projects; recovery and recording techniques. Prerequisites: application (see introductory paragraph concerning the archaeological field school conducted in the Mogollon Highlands of west central New Mexico) and entry code.

**304 New World Archaeology (3)**

History of earliest Americans, beginning with crossing of land bridge between Asia and North America and eventual spread over the Americas. Highlights prehistory and best examples of western hemisphere's civilizations. Mexico, Yucatan, Peru, southwestern and eastern United States, Washington.

**571 Field Course in Archaeology (5)**

Introduction to field acquisition of archaeological data through survey and excavation. Ongoing field projects; instructional emphasis on recovery and recording techniques and on management of field projects. Prerequisites: application (see introductory paragraph concerning the archaeological field school conducted in the Mogollon Highlands of west central New Mexico) and entry code.

**591 Advanced Field Course in Archaeology (6-9)**

For students with previous field experience and graduate work in archaeology. Emphasis on decision making in field and project management. Prerequisites: 497, 498, 571, 575 or permission of instructor.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Internship*

**Physical Anthropology (PHY A)****201◆ Principles of Anthropology (5)**

Evolution and adaptation of the human species. Evidence from fossil record and living populations of monkeys, apes and humans. Interrelationships between human physical and cultural variation and environment; role of natural selection in shaping our evolutionary past, present and future.

**370 Introduction to Primates (5)**

Origins, major evolutionary trends and modern taxodermic relationships of the nonhuman primates. Their distribution and habitat in relation to behavioral and morphological adaptations and their status as an endangered species. Prerequisite: 201.

**487◆ Human and Comparative Osteology (3)**

Introduction to the vertebrate skeleton. The skeleton is described in detail and various methods of determining age and sex are presented, as well as osteometry and modern statistical methods for handling such data. Prerequisite: permission of instructor.

**502◆ Preceptorial Reading (6)**

For beginning graduate students who have not had adequate training in the study of primate principles and methods involved in the study of evolution, human genetics and the evolution of modern populations. Not open to graduate students in the physical anthropology program.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Internship*

**Applied Mathematics (A MATH)**

412 Guggenheim, FS-20  
Telephone: 543-5493

**Courses by special arrangement**

*Independent Study or Research, Doctoral Dissertation*

## Art (ART)

104 Art Building, DM-10  
Telephone: 543-0646

The School of Art offers courses in art history, ceramic art, design, drawing, fiber arts, metal design, painting, photography, printmaking and sculpture.

Classes may fill early; there is no assurance that a student will be able to register for a given course. Prerequisites are strictly observed. Auditing is not permitted in studio courses.

Course entry codes are available in the following locations: undergraduate art and art history in 104 Art; graduate art in 102 Art; graduate art history in 209 Art.

### 105♦ Drawing (5)

Perspective, light and shade, composition.

### 106♦ Drawing (5)

See description of 105. Prerequisite: 105.

### 109♦ Design (3)

Art structure as basis for creative work. Organization of line, space and color.

### 110♦ Design (3)

Introduction to fundamentals of three-dimensional design process.

### 202 Ceramic Art: Wheel Throwing (5)

Introduction to wheel throwing, glazing and kiln firing processes. Contemporary vessel form in clay. Prerequisites: 106, 110.

### 230♦ Introductory Photography (5)

Introduction to the theory, techniques and processes of still photography. Emphasis on both darkroom procedures and camera use. Projects stress the visual and creative potential of the medium. Students must provide camera with lens, shutter and aperture controls. Students will be required to pay an additional fee for materials.

### 255♦ Design and Materials: Fabric Construction (5, max. 15)

Knotting, hooking, stitching and other non-woven constructional techniques with a variety of textile fibers. Prerequisites: 106 and 110.

### 256, 257♦ Painting (5,5)

Oil painting. Prerequisites: 106, 110 for 256; 256 for 257.

### 265♦ Intermediate Drawing (5, max. 15)

Prerequisites: 106, 110.

### 272♦ Beginning Sculpture Composition (5)

Fundamentals of composition in the round and in relief. Prerequisites: 106, 110. Students will be required to pay an additional fee for materials.

### 276▲ Contemporary Directions, Art in Public Places (5)

Contemporary directions in public art focusing on innovative public artworks, artists and art programs in Washington state.

### 332♦ Intermediate Sculpture Composition (5, max. 15)

Advanced work in various media and techniques. Prerequisites: 272 and entry code.

### 345♦ Intaglio (5)

Monotype, collage, dry point, etching, engraving and aquatint. Photographic and hand-drawn methods. Black and white and color work. Historical overview with emphasis on contemporary developments. Prerequisites: 106, 110.

### 350♦ Printmaking Special Projects (5, max. 15)

#### A. Book Arts

Prerequisite: permission of instructor.

### 353 Intermediate Ceramic Art (5, max. 15)

Ceramic design and construction, stoneware, clay bodies, glazes. Prerequisites: 201, 202 and entry code. Students will be required to pay an additional fee for materials.

### 372♦ Intermediate Photography III (5)

Theory and technique of color printing, manual and machine processing, with emphasis on C-41 and Type C chemistry. Prerequisites: 230 and entry code. Students will be required to pay an additional fee for materials.

### 411♦ Advanced Photography (5, max. 15)

Topics include color printing, large format photography, artificial lighting and photography image transformation. Prerequisites: 370, 371, 372, and entry code. Students will be required to pay an additional fee for materials.

### 436♦ Sculpture Composition (5, max. 15)

Individual compositions in various media in large scale. Prerequisites: 15 credits in 332 and entry code.

### 499 Individual Projects-Design (3 or 5, max. 15)

#### B. Computer Generated Image Making (5)

Introduction to pixel-based image manipulation and creation on the Macintosh platform. This will be an electronic studio class which will ad-

dress the subject through a series of assigned problems and related critiques. Prerequisite: basic Macintosh skills. Students will be required to pay an additional \$40 lab fee.

#### C. Computer Animation and Multi-Media (5)

Introduction to time-based computer presentation design including image creation, importing, sequencing, animation and interactivity on the Macintosh platform. This will be an electronic studio class which will address the subject through a series of assigned problems and related critiques. Prerequisites: intermediate skills with object oriented and pixels based Macintosh graphics systems. Students will be required to pay an additional \$40 lab fee.

#### D. Contemporary Steel Smithing (5)

Steel forging, tool making for the craft, and related shop practices. Emphasis on the formal possibilities of steelsmithing. Welding experience helpful. Prerequisite: entry code. Lab fee required.

#### Courses by special arrangement

*Senior Thesis in Photography, Advanced Individual Projects in Fiber Arts, Individual Projects in Painting/Sculpture, Independent Projects in Design, Independent Study or Research, Internship, Master's Thesis*

## Art History (ART H)

### 201. Survey of Western Art (5)

Major achievements in printing, sculpture, architecture and the decorative arts of Europe, the Near East and North Africa, from prehistoric times to the beginning of Christianity.

### 202 Survey of Western Art—Medieval and Renaissance (5)

The arts of the Byzantine Empire, Islam and western Christendom through 1520 A.D.

### 203 Survey of Western Art—Modern (5)

Western art from 1520 to present.

### 311 Chinese Art (5)

Overview of the art of China. Emphasis on the role of the arts of the Chinese culture and on the traditional styles. Techniques associated with each of the major media: painting, ceremonial boxes, architecture and sculpture.

### 330 Tribal Art and Philosophy (5)

Philosophical inquiry and thought in African, Ameri-Indian and Pacific island societies as expressed through the visual, musical, choreographic and oral arts. Natural, moral and ethical ideas as expressed in the arts.



**381 Art Since World War II (5)**

Arts of Europe and the United States in the decades since World War II; painting, sculpture and architecture, multiplication of new forms (video, performance pieces, land and installation pieces), changing context of patronage, publicity and marketing.

**Courses by special arrangement**

*Individual Projects, Independent Study or Research, Undergraduate Practicum, Master's Practicum and Thesis, Doctoral Dissertation*

**Asian Languages and Literature (ASIAN)**

225 Gowen Hall, DO-21  
Telephone: 543-4996

Asian Languages and Literature courses are offered in:

- Bengali (Indian)
- Chinese
- Hindi
- Japanese
- Korean

Intensive language courses in Bengali, Chinese, Japanese, Hindi and Korean are offered in concentrated scheduling that enables students to complete up to 15 credits of a foreign language during Summer Quarter.

Also see Office of International Programs and Exchanges, page 70, for information on the Chinese Language Program at Peking University.

**Chinese (CHIN)**

**134 First-Year Intensive Chinese (15)**

Equivalent of 111, 112, 113. Introduction to the standard language: correct pronunciation and basic structure; drill in oral use of the language. Especially recommended for students who plan to devote more time to other subjects during the regular academic year. No credit if 111, 112, 113 taken.

**234 Second-Year Intensive Chinese (15)**

Equivalent of 211, 212, 213. Rapid learning of characters and reading of texts. Practice in conversational Chinese. Prerequisite: 113 or 134, or equivalent. No credit if 211, 212, 213 taken.

**293 Introduction to the Literature and Ideas of Ancient China (5)**

An introduction to the archaeological, historical, religious, literary and intellectual heritage of the formative stages of ancient China, from the origins of Chinese history in the middle of

the second millennium B.C. to the advent of Buddhism in the Han dynasty. Emphasis on the great literary and philosophical writings of the classical age, and their cultural and historical background, including, among others, the works and ideas of Confucious, Mencius, Chuang-tzu and Lao-tzu.

**Course by special arrangement**

*Undergraduate Research*

**Hindi (HINDI)**

**321, 322, 323 Intermediate Hindi (5,5,5)**

Systematic expansion of vocabulary and grammar. Intermediate-level prose and poetry readings. Oral drills. Concurrent registration in 321, 322, 323 required. Prerequisite: 313 or equivalent.

**Course by special arrangement**

*Undergraduate Research*

**Indian (INDN)**

**411 First-Year Intensive Bengali (15)**

Modern standard Bengali. Reading, writing and conversation. Introduction to Bengali script.

**Japanese (JAPAN)**

**134 First-Year Intensive Japanese (15)**

Elementary communicative skills in modern spoken Japanese. Intensive preparation using audio and video tapes. Basic skills in the written language. No initial knowledge of Japanese is presumed. Satisfies requirements for entry to 211. Students with prior background must take placement test.

**234 Second-Year Intensive Japanese (15)**

Development of further functional communicative skills in the spoken and written languages. Satisfies requirements for entry to 311, but is recommended primarily for those who will be going to Japan shortly upon completion. Prerequisite: 113 or placement by examination.

**Course by special arrangement**

*Undergraduate Research*

**Korean (KOR)**

**301, 302, 303 Introduction to Korean (5,5,5)**

Fundamentals of the Korean language. Emphasis on Korean alphabet and spelling, pronunciation and basic grammar. Concurrent registration in 301, 302 and 303 required. Prerequisite: entry code.

**Astronomy (ASTR)**

260 Physics Hall, FM-20  
Telephone: 543-2888

**101 Astronomy (5)**

Introduction to universe and objects in it: emphasis on conceptual, contrasted with mathematical, comprehension. Modern theories, observations; ideas concerning nature, evolution of galaxies; quasars; stars; black holes; planets; solar system. No credit for students who have taken 102 or 201; not open to upper division majors in physical sciences or engineering.

**201 The Universe and the Origin of Life (5)**

Sequel to 101 or 102, emphasizing modern views of the atomic and molecular evolution of the universe from the initial "big bang" through the formation of the solar system and the emergence of biological forms on the earth. The latter part of the course considers questions about the existence of and communication with, extraterrestrial intelligent life, and finally the ultimate fate of the cosmos. Prerequisite: 101 or 102, or PHYS 110 or 114 or 121.

**497 Topics in Current Astronomy (1-3)**

Research developments in one field of astronomy or astrophysics. Prerequisite varies according to the subject matter.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Doctoral Dissertation*

**Atmospheric Sciences (ATM S)**

408 Atmospheric Sciences-Geophysics Building, AK-40  
Telephone: 543-4250

**101 Weather (5)**

The earth's atmosphere, with emphasis on weather observation and forecasting. Daily weather map discussions. Explanations of highs, lows, fronts, clouds, storms, jet streams, air pollution and other features of the atmosphere. Physical processes involved in weather phenomena. Intended for nonmajors.

**462 Sea-Air Transfer Process**  
(\* , max. 6)

Classroom work and field observations relating to the physical processes occurring at the ocean-atmosphere boundary. Transfer of energy. Momentum and moisture and their effects on small- and large-scale phenomena, including fog formation, convection, modification of air masses. Prerequisite: 441 or permission of instructor; entry code.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Biology (BIOL)**

318 Hitchcock Hall, KB-05  
Telephone: 543-9120

For additional courses in biology and closely related fields of study, also see the following departments of the College of Arts and Sciences: anthropology, botany, genetics, psychology and zoology; the Colleges of Forest Resources, Ocean and Fishery Sciences and Pharmacy; and the Schools of Medicine, Nursing and Public Health and Community Medicine.

**100 Introductory Biology (5)**

Biological principles and concepts and the application of biological knowledge to problems of human beings and society. Development of an awareness of science. For nonscience majors only.

**203 Introductory Biology (5)**

The third course in a three-quarter sequence introducing the phenomena of life for students intending to take advanced biology courses and preprofessional programs. Emphasis on plant structure and function, and principles of ecology and evolution. Prerequisites: 201 and 202 or permission of Biology office.

**Botany (BOT)**

430 Hitchcock Hall  
Telephone: 543-1942

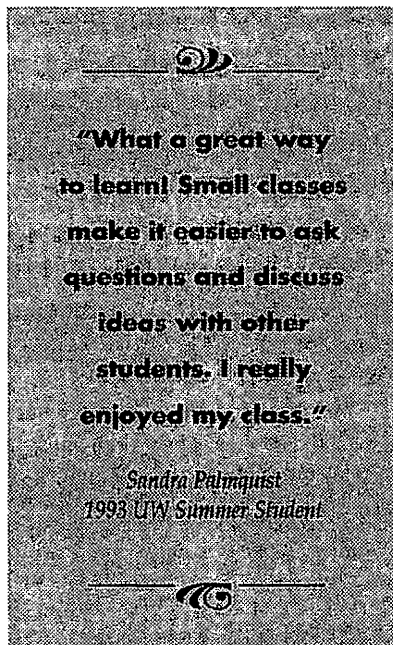
Introductory and advanced courses are offered for majors and nonmajors, in-service teachers, and students new to the Northwest. Opportunities for research and graduate instruction in marine biology are offered at the Friday Harbor Laboratories in the San Juan Islands. Applications of qualified undergraduate students will be considered for enrollment in the graduate courses. For information and bulletin, write: Director, Friday Harbor Laboratories, 620 University Road, Friday Harbor, WA 98250, or call (206) 543-1484.

**113 Plant Identification and Classification (5)**

Plant classification; field study and laboratory identification of the common plant families and the conspicuous flora of western and central Washington. Field trips.

**331♦ Landscape Plant Recognition (3)**

Field recognition of important groups of woody and herbaceous landscape plants, emphasizing diversity at the genus and family levels. Cultivated plant nomenclature. Plant descriptive characters evident in the field with eye and hand lens. Hardiness and landscape applications. Joint with UHF 331.



**458▲ Alpine Plant Ecology (5)**

Structure of plant communities in alpine regions of the Pacific Northwest. Characteristics of physical environment which influence species adaptation and distribution. Influence and impact of humans and criteria for preservation and/or management of alpine areas. Three weekend field trips required. Recommended: 10 credits in biological sciences or permission of instructor.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Chemistry (CHEM)**

109 Bagley Hall, BG-10  
Telephone: 543-1610  
Undergraduate adviser: 543-9343

The Department of Chemistry offers many courses for nonmajors and students seeking Bachelor of Arts or Bachelor of Science degrees. Courses are also available for chemistry minors. In addition to research or thesis work, graduate students may register for seminars that include special lectures by distinguished visiting faculty.

**100 Chemical Science (5)**

One quarter introduction to chemistry for non-science majors or students with little or no chemistry background. Atoms and molecules, their interactions with energy and their reactions; emphasizes impact of chemistry on everyday life, includes laboratory. Can stand alone or be followed by 102, 140, 203, 205. Prerequisite: high school algebra or equivalent; recommended: MATH 111.

**102 General and Organic Chemistry (5)**

Organic compounds; hydrocarbons, alcohols, aldehydes, ketones, ethers, acids, aromatics, fats and oils, proteins and carbohydrates, includes laboratory. Students who plan to take 223 or 237 should not take 102. Prerequisite: 100 or equivalent.

**140 General Chemistry (4)**

For science and engineering majors. Atomic nature of matter, stoichiometry, Periodic Table, quantum concepts, gas laws. Prerequisites: high school algebra and chemistry or 100 and MATH 111 or 120; recommended: high school physics and concurrent registration in 141 and MATH 124.

**141 General Chemistry Laboratory (1)**

Introduction to laboratory work, including experiments to illustrate analytic techniques, stoichiometry and gas laws. Designed to complement 140. Prerequisite: prior completion of, or concurrent registration in 140 or 145. CR/NC only.

**150 General Chemistry (4)**

Chemical bonding, liquids and solids, solutions, chemical equilibrium, acid-base, solubility and nonmetals. Prerequisite: 140 or 145; recommended: concurrent registration in 151.

**151 General Chemistry Laboratory (1)**

Experiments to illustrate acid-base titration, spectroscopy and solubility products as well as qualitative analysis. Designed to complement 150. Prerequisites: 141 and prior completion of, or concurrent registration in 150 or 155. CR/NC only.

**160 General Chemistry (4)**

Introduction to thermodynamics, electrochemistry, chemical kinetics, organic chemistry, synthetic polymers and bio-polymers. Prerequisite: 150; recommended: concurrent registration in 161.

**161 General Chemistry Laboratory (2)**

Introductory experiments in electrochemistry, thermochemistry, chemical kinetics and organic synthesis. Designed to complement 160. Prerequisites: 151 and prior completion or concurrent registration in 160.

**199 Special Problems (1, max. 6)**

Research in chemistry. Prerequisites: chemistry grade point average above 3.00 and permission of chemistry advisor. CR/NC only.

**223♦ Organic Chemistry—Short Program (4)**

First of a two-quarter lecture series in organic chemistry, for majors in biology and related fields who elect not to complete the full year sequence. Introduction to structure, nomenclature, reactions and synthesis of main functional group families of organic compounds. Prerequisite: 155 or 160.

**224▲ Organic Chemistry—Short Program (4)**

Continuation of the abbreviated coverage of the main functional group classes of organic compounds. Short introduction to biomolecules (lipids, carbohydrates, amino acids, proteins and nucleic acids). Prerequisite: 223.

**237 Organic Chemistry (4)**

First course for students planning to take three quarters of organic chemistry. Structure, nomenclature, reactions and synthesis of the main types of organic compounds. Prerequisite: 155 or 160. No organic laboratory accompanies this course.

**238 Organic Chemistry (4)**

Second quarter for students planning to take three quarters of organic chemistry. Further discussion of physical properties and transformations of organic molecules, especially aromatic and carbonyl compounds. Prerequisite: 237.

**239 Organic Chemistry (3)**

Third quarter for students planning to take three quarters of organic chemistry. Polyfunctional compounds, natural products, lipids, carbohydrates, amino acids, proteins and nucleic acids. Prerequisite: 238.

**241 Organic Chemistry Laboratory (3)**

Introduction to organic laboratory techniques. Preparation of representative compounds. Designed to be taken with 224 and 238. Prerequisites: 157 or 161 and 223 or 237. Students enrolled in 223 and 224 may enroll in 241 if they have completed 161.

**242 Organic Chemistry Laboratory (3)**

Preparations and qualitative organic analysis. Designed to be taken with 239. Prerequisites: 224 or 238 and 241.

**299W Special Problems and Report Writing (1, max. 6)**

Research in chemistry and/or chemical literature. Requires writing a scientific report. Prerequisites: grade-point average above 3.00 in chemistry and permission of chemistry advisor. CR/NC only.

**321 Quantitative Analysis (5)**

Introduction to chemical analysis, including gravimetric, volumetric, spectrophotometric and potentiometric analyses. Laboratory computer use included. Prerequisites: 155 or 160; 157 or 161.

**455 Physical Chemistry (3)**

Introduction to quantum chemistry and spectroscopy. Theory of quantum mechanics presented at an elementary level and applied to the electronic structure of molecules and to molecular spectra. Prerequisites: 155 or 160, MATH 126 (308 recommended), and college physics.

**456 Physical Chemistry (3)**

Chemical thermodynamics. Laws of thermodynamics presented with applications to phase equilibria, chemical equilibria and solutions. Joint with CHE 456. Prerequisites: 155 or 160, MATH 126 (307 and 308 recommended), and college physics. May be taken without 455.

**590 Seminar in General Chemistry (1, max. 18)****591 Seminar in Inorganic Chemistry (1, max. 18)****592 Seminar in Analytical Chemistry (1, max. 18)****593 Seminar in Organic Chemistry (1, max. 18)****595 Seminar in Physical Chemistry (1, max. 18)****Courses by special arrangement**

*Undergraduate Research and Report Writing, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Classics**

218 Denny Hall, DH-10  
Telephone: 543-2266

Classics courses are classified as:

- Classics Courses in English
- Classical Archaeology
- Greek
- Latin

The Department of Classics offers courses in Greek and Latin from the introductory to graduate level and a selection of classics courses in English requiring no knowledge of the languages.

The Master of Arts degrees in classics and Latin may be earned by attending Summer Quarters only. For details, contact the department.

For other courses of interest to classics students, see History (Ancient and Medieval) and Philosophy.

**Classics Courses in English (CLAS)****101 Latin and Greek in Current Use (2)**

Designed to improve and increase English vocabulary through a study of the Latin and Greek elements in English, with emphasis on words in current literary and scientific use. Knowledge of Latin or Greek is not required. No auditors. CR/NC only.

**205 Bioscientific Vocabulary Building from Latin and Greek (3)**

Designed to help students master the scientific vocabulary of particular fields by a study of the Latin and Greek roots that are used to create the majority of scientific terms. Recommended for nursing and premedical students and science majors. Knowledge of Latin or Greek is not required. No auditors. CR/NC only.

**427▲ Greek and Roman Tragedy in English (5)**

Study of the development of Greek and Roman Tragedy, with extensive readings in representative plays of Aeschylus, Sophocles, Euripides and Seneca.

**432♦ Classical Mythology in Film (5)**

Comparison and discussion of classical myths and modern films inspired by them. Promotes access to the reading of classical mythology. Analyzes significant differences between ancient literary and modern cinematographic representations of the myth.

## Greek (GRK)

### 101♦ 102▲ Elementary Greek (5,5)

Intensive study of the grammar of ancient Greek, with reading and writing of simple Attic prose. No auditors. Prerequisite: 101 for 102.

### 463 Hellenistic Greek Literature (3-5, max. 15) Plutarch's *Life of Antony* (5)

Prerequisite: 307 or equivalent.

#### Courses by special arrangement

*Supervised Study, Independent Study or Research*

## Latin (LAT)

### 101♦ 102▲ Elementary Latin (5,5)

Intensive study of grammar, with reading and writing of simple Latin prose. No auditors. Prerequisite: 101 for 102.

### 461 Latin Literature of the Republic (3-5, max. 15) Caesar's *Bellum Civile* (5)

Readings with discussion. Prerequisite: 307 or equivalent.

### 520 Seminar: Cicero's *Letters* (5, max. 45)

Prerequisite: entry code (Denny 218).

#### Courses by special arrangement

*Supervised Study, Independent Study or Research*

## Classics (CLAS)

#### Courses by special arrangement

*Master's Thesis, Doctoral Dissertation*

## Communications (CMU)

118 Communications Building, DS-40  
Telephone: 543-8860

This summer's curriculum includes courses in advertising, broadcast journalism and photography, and a 400-level course open to both undergraduate and graduate students. General courses cover the history and development of communication and journalism, the process of communicating, and mass communication and society.

### 201 History and Development of Communication and Journalism (5)

Development of communication from prehistoric times; social and technical inventions; political and economic contexts. Not open for credit to students who have taken 214.

### 202 The Phenomena of Communicating (5)

Types of communicating behaviors in progressively more complex situations, from individual cognition through interpersonal interactions to mass communicating. Not open for credit to students who have taken 200.

### 203 Mass Communications and Society (5)

Structure and functions of mass media communication systems; audiences and content; alternative structures; implications of new technologies. Not open for credit to students who have taken 150.

### 315 Writing and Research for the Mass Media (2)

Introduction to writing and research skills necessary to work in the media professions. Practice in gathering information and organizing it for presentation in a mass medium. Successful completion is necessary to move into upper level skills courses. Open only to majors. Prerequisite: ability to type.

### 320♦ Legal Aspects of Communications (5)

Regulations governing publication and broadcast in the mass media. Open to nonmajors.

### 328W News Lab (8)

Students work full-time in news lab reporting for area's newspapers and radio stations covering all county offices/services. Involves heavy writing schedule, deadlines, advanced reporting. Open only to majors. Prerequisite: entry code.

### 330 Principles of Public Relations (5)

An introduction to the field of public relations as practiced in a number of professional settings. Public and private enterprise will be examined. Local, regional, national and international issues will be studied. Classroom focus will include lectures by outside experts. Prerequisite: 203.

### 340 Introduction to Advertising (5)

Overview of the advertising industry, its history, structure, operations and institutional role.

### 341W Beginning Advertising Copy and Layout (5)

Writing effective copy; developing creative approaches. Specific approaches and strategies. Open only to majors. Prerequisites: 315, 340.

### 345 Advertising Campaigns (5)

Preparation of an advertising plan for a product or service. Open only to majors. Prerequisites: 341, 344, entry code.

### 354 Basic Visual Communication (3)

Basics common to all visual media, plus motion. Use of electronic and film materials in news and public affairs programming; emphasis on visual continuity and editorial judgment. Open only to majors.

### 358 TV News Reporting and Editing (5)

Preparation and presentation of news broadcasts, including reporting, scripting and use of visuals. Prerequisites: 315, 350, 354.

### 423♦ Journalism Ethics (5)

Ethical issues in journalism; philosophical positions; historical context. Prerequisites: 315, 322.

### 424♦ The Intellectual Foundations of American Journalism (5)

Examines the thinkers and philosophers who have influenced modern journalism. Studies the main ideas in the development of world thought and their impact on today's journalists. Explores the role communications systems have played in the creating of the world's cultures. Prerequisite: introductory work in the social sciences.

### 475♦ Communications and International Relations (5)

Political, economic and cultural issues with respect to media development and cross-border information flow. Prerequisite: introductory course work in the social sciences.

### 486▲ Telecommunications Policy and Research (5)

Considers new telecommunications technologies as they influence, and are influenced by, behavioral, social, economic and policy matters. Discussion in lay terms of technologies *per se*. Prerequisite: major standing or permission of instructor.

### 498 Problems of Communications (1-5, max. 10)

Research and individual study. Prerequisite: permission of instructor.

#### Courses by special arrangement

*Broadcast Internship, Editorial Internship, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

## Comparative History of Ideas (CHID)

B102D Padelford, GN-10  
Telephone: 543-7333

#### Courses by special arrangement

*Senior Thesis, Independent Study or Research*

## Comparative Literature (C LIT)

B531 Padelford Hall, GN-32  
Telephone: 543-7542

The comparative study of literature is not restricted to any one culture or language. Typical areas of inquiry include literary traditions and periods, genres and motifs; patterns of influence and reception of literary works among various national cultures; and the general principles of theory of literature criticism. Readings are in English, and courses are open to both majors and nonmajors. Detailed course descriptions are available in the Comparative Literature office.

### 230 Introduction to Folklore Studies (5)

Comprehensive overview of the field of folkloristics, focusing on verbal genres, customs, belief and material culture. Particular attention to the issues of community, identity and ethnicity. This summer only, special emphasis will be placed on the folklore of the Baltic region. Joint with SCAND 230.

### 330♦ The European Fairy Tale (5)

An introduction to folk tales and literary tales from various traditions and periods. A discussion of their origin, special characteristics, dissemination and relevance to the contemporary reader.

### 357♦ Literature and Film (5)

The film as an art form, with particular reference of the literary dimension of film and to the interaction of literature with other artistic media employed in the form. Films are shown as an integral part of the course. Joint with ENGL 369.

### 440▲ The Novel (5)

The novel as a genre. The course will offer a comparative study of the fiction of Leo Tolstoy and D.H. Lawrence. We will examine common themes, common techniques, and a common world view. Our texts: Leo Tolstoy, *Anna Karenina* (Penguin) and D.H. Lawrence, *Women in Love* (Penguin).

### Courses by special arrangement

*Directed Study or Research, Honors Thesis, Independent Study or Research, Master's Thesis, Thesis Colloquium, Doctoral Dissertation*

## Computer Science and Engineering (CSE)

114 Sieg Hall, FR-35  
Telephone: 543-1695

See Computer Science and Engineering, page 58.

## Dance (DANCE)

258 Meany Hall, AB-10  
Telephone: 543-9843

### 101 Introduction to Dance I (5, max. 10)

Introduction to dance as an art form. Lectures in dance appreciation. Studio experience in ballet and modern techniques. Outside attendance required.

### 111, 112 Jazz Technique I (2, max. 4)

Introduction to jazz technique. Prerequisites: 110 or permission of instructor for 111; 111 or permission of instructor for 112.

### Course by special arrangement

*Independent Study or Research*

## Drama (DRAMA)

101 Hutchinson Hall, DX-20  
Telephone: 543-5140

### 101 Introduction to the Theatre (5)

The theatre as an art form with emphasis on the play in production. The role of the various theatre artists: actors, directors, designers and playwrights. For nonmajors. Meets Arts and Sciences linked-set requirement when taken with DRAMA 201.

### 201 Dramatic Action (5)

Play structure through analysis of plays in all genres, with special attention to plotting and the various means used to achieve a unity of action as the basis of all drama. Meets Art and Sciences linked-set requirement when taken with DRAMA 101.

### 259♦ Performance Practicum (2-6, max. 12)

#### A. A Physical Approach to Acting in Performance (5)

Participants in this practicum use several modern physical approaches to the acting process, including techniques developed by renowned Japanese director Tadashi Suzuki. The integration of physical technique in rehearsal and performance is stressed. Participants train each day and rehearse a specific play, which will be performed at the end of the session. Emphasis is on how physical (and connected vocal) techniques relate to traditional Stanislavski-based actor training, and how they are used to meet the challenges of contemporary physically-oriented theatre productions. Questions of action, concentration, focus, ease, character and intention will be addressed both in terms of technical development and the needs of a particular play. Prerequisite: entry code.

# FICTION AND FILM

June 20-July 20  
(a term)

Register for either C LIT 357  
or ENGL 369, 5 credits

In this intensive four-week course, you will analyze a variety of fictions and their filmic adaptations for cinematic or television viewing audiences. The course will focus on what is lost or gained as the medium changes, and what these changes reveal about differences in the reading and viewing sectors of our contemporary society. By and large, the fictions selected for this course emphasize themes of representation, often drawing explicit attention to the delights and dangers of transforming verbal into imagistic text. Major requirements of the course include weekly written and oral presentations, including film reviews.

**302W Play Analysis (5)**

Analyses of plays, based on leading critical traditions. Illustrates variety of approaches to a play, criteria for choosing best approach for a given play, and ways in which criticism aids in understanding dramatic effect, for both reader and practitioner. Prerequisite: some theatre background.

**371 Theatre and Society (5)**

Introduction to the history of the theatre from the Greeks to the present day. Development of the theatre as a social institution. Reading of major texts from each period.

**395♦ Creative Classroom Computing (5)**

Innovative uses of computers in the classroom. Survey of learning styles and teaching strategies, and ways to use the computer as a nontraditional teaching tool. Students develop short courseware demonstrations responsive to instructional needs in their individual disciplines. Teaching and computing experience helpful, but not required.

**473♦ Modern European Theatre and Drama (5)**

Examination of the relationship of the physical theatre and the productions that took place within that theatre. Particular emphasis on the text performed, styles of acting, scenic elements and the critical theories that influenced the theatre of the period. Prerequisite: 302 or 371, or permission of instructor.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Internship, Doctoral Dissertation.*

**Economics (ECON)**

302 Savery Hall, DK-30  
Telephone: 543-5955

**200 Introduction to Microeconomics (5)**

Analysis of markets: consumer demand, production, exchange, the price system, resource allocation, government intervention.

**201 Introduction to Macroeconomics (5)**

Analysis of the aggregate economy: national income, inflation, business fluctuations, unemployment, monetary system, federal budget, international trade and finance. Prerequisite: ECON 200.

**300 Intermediate Microeconomics (5)**

Choice decisions of individuals and firms: consequences of these decisions in product and factor markets. Consumption, production, cost and exchange. Prerequisites: 200 and MATH 112, 157 or 124, or equivalent.

**301 Intermediate Macroeconomics (5)**

Analysis of determinants of the aggregate level of employment, output, prices and income of an economy. Prerequisites: 201, 300.

**311 Introduction to Economic Statistics (5)**

Statistical concepts and their application in economics. (Students may receive credit for only one of STAT 220, 301, 311 and ECON 311.) Meets with STAT 311. Prerequisite: 200, MATH 105 or 120 or 111 or 156.

**404▲ Industrial Organization and Price Analysis (5)**

Analysis of firm behavior in imperfectly competitive markets. Topics include monopoly, oligopoly, product of differentiation, entry deterrence and the role of asymmetric information. Game theoretic tools and empirical evidence are used to analyze topics. Prerequisite: 300.

**406W Undergraduate Seminar in Economics (5)**

Provides undergraduate students an opportunity to apply the tools of economic analysis in critical examination of theoretical and empirical work. A list of topics is available in the departmental office. Prerequisite: 200 and permission.

**422♦ Investment, Capital and Finance (5)**

Accumulation and allocation of wealth by individuals; investment in producer and consumer durables by firms and households; separation of ownership from operating decisions via corporations; determination of market value; dividend policies and optimal investment criteria; introduction to financial decisions under uncertainty; elements of portfolio theory and the capital asset pricing model. Prerequisite: 300, 311 or equivalent.

**435 Natural Resource Utilization and Public Policy (5)**

Survey of the economics of renewable, nonrenewable and environmental resources. Optimal trade-offs between current and future use. Effects of property rights on resource use. Prerequisite: 300 or permission.

**451♦ Public Finance: Tax Policy (5)**

Microeconomics of taxation: efficiency, incidence, effect on distribution of income, personal and corporate income taxes, sales and consumption taxes, taxation of property and estates. Prerequisite: 300.

**460W Economic History of Europe (5)**

Origins of the modern European economy; historical analysis of economic change and growth from medieval times that stresses the preconditions and consequences of industrialization. Joint with HST 481. Recommended: 200, 201.

**471♦ International Trade (5)**

Theory of comparative advantage and different models of international trade. Trade and welfare: the theory and practice of commercial policy. Economic integration. Factor mobility and trade flows. The North-South debate. Prerequisites: 300, 301.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Internship, Doctoral Dissertation*

**English (ENGL)**

A101 Padelford Hall, GN-30  
Telephone: 543-2634

The summer program in English offers a wide range of courses in the masterworks of our literature, in the study of language and in the art of writing in English. All undergraduate courses are suitable for nonmajors as well as majors. The aims of the graduate program are to teach interpretation, writing and research methods on advanced levels.

For detailed descriptions of all summer courses, please visit or write the Department of English.

**104 Introductory Composition (5-5)**

Development of writing skills, sentence strategies and paragraph structures. Expository, critical and persuasive essay techniques based on analysis of selected readings. For Education Opportunity Program students only, upon recommendation by the Office of Minority Affairs.

**111 Composition: Literature (5)**

Study and practice of good writing; topics derived from reading and discussing stories, poems, essays and plays.

**121 Composition: Social Issues (5)**

Study and practice of good writing; topics derived from reading and discussing essays and fiction about current social and moral issues.

**131 Composition: Exposition (5)**

Study and practice of good writing; topics derived from a variety of personal, academic and public subjects.

**197W Interdisciplinary Writing/Humanities (5, max. 15)**

Expository writing based on material presented in a specified humanities lecture course. Assignments include drafts of papers to be submitted in the linked course, and other pieces of analytic prose.

**A. Linked to ENGL 445A**

Concurrent registration in ENGL 445A required.

**198W Interdisciplinary Writing/  
Social Science (5, max. 15)**

Expository writing based on material presented in a specified social science lecture course. Assignments include drafts of papers to be submitted in the linked course, and other pieces of analytic prose.

**A. Linked to PSYCH 305**

Concurrent registration in PSYCH 305 required.

**B. Linked to PSYCH 306**

Concurrent registration in PSYCH 306 required.

**200W Reading Literature (5)**

Techniques and practice in reading and enjoying literature. Examines some of the best works in English and American literature and considers such features of literary meaning as imagery, characterization, narration and patterning in sound and sense. Emphasis on literature as a source of pleasure and knowledge about human experience.

**202W Great Books I (5)**

Introduction to literature from a broadly cultural point of view, focusing on major works that have shaped the development of literary and intellectual traditions to the Middle Ages.

**203W Great Books II (5)**

Introduction to literature from a broadly cultural point of view, focusing on major works that have shaped the development of literary and intellectual traditions from the Middle Ages to the eighteenth century.

**204W Great Books III (5)**

Introduction to literature from the broadly cultural point of view, focusing on major works that have shaped the development of literary and intellectual traditions from the eighteenth century to the present.

**206 Reading Fiction (5)**

Critical interpretation and meaning in fiction. Different examples of fiction representing a variety of types from the medieval to modern periods.

**231◆ Shakespeare (5)**

Survey of Shakespeare's career as dramatist. Study of representative comedies, tragedies, romances and history plays.

**267 Introduction to American  
Literature (5)**

Survey of major writers, modes and themes in American literature from the beginnings to the present. Specific readings vary, but often included are: Taylor, Edwards, Franklin, Poe, Hawthorne, Melville, Emerson, Thoreau,

Whitman, Dickinson, Twain, James, Eliot, Stevens, O'Neill, Faulkner, Hemingway, Ellison and Bellow.

**271, 271◆ Intermediate Expository  
Writing (5)**

Writing papers communicating information and opinion to develop accurate, competent and effective expression. Recommended: sophomore standing.

**274 Beginning Verse Writing (5)**

Intensive study of the ways and means of making a poem. Recommended: sophomore standing.

**277 Beginning Short Story  
Writing (5)**

Introduction to the theory and practice of writing the short story. Recommended: sophomore standing.

**305 English Literary Culture:  
After 1800 (5)**

British literature in nineteenth and twentieth centuries. Study of literature in its cultural context, with attention to changes in form, content and style.

**311◆ Chaucer (5)**

Chaucer's *Canterbury Tales* and other poetry, with attention to Chaucer's social, historical and intellectual milieu.

**314▲ Shakespeare to 1603 (5)**

Shakespeare's career as dramatist before 1603 (including *Hamlet*). Study of history plays, comedies and tragedies.

**325▲ English Literature:  
The Augustan Age (5)**

Selections from wits and satirists; poems by John Dryden and Alexander Pope; plays by Dryden, William Congreve and other wits; the great satires of Jonathan Swift and the first stirring of the novel.

**334 English Novel: Later  
Nineteenth Century (5)**

Studies in the novel as it passes from a classic format to formats more experimental. Authors include George Eliot, Thomas Hardy, Joseph Conrad and others.

**353 American Literature: Later  
Nineteenth Century (5)**

Literary responses to an America propelled forward by accelerating and complex forces. Works by Twain, James and such other writers as Whitman, Dickinson, Adams, Wharton, Howells, Crane, Dreiser, DuBois and Chopin.

**355 American Literature: Contem-  
porary America (5)**

Works by such writers as Ellison, Williams, O'Connor, Lowell, Barth, Rich and Hawkes.

**PUGET SOUND  
WRITING  
PROGRAM  
INSTITUTE**

*Making a  
Difference  
in How  
Students Write*

Affiliated with the National Writing Project, the Puget Sound Writing Program Institute is a four-week, eight-credit collaborative program for teachers of writing in elementary and secondary schools and community colleges. The institute's focus is on the writing process and the teaching of writing, accomplished through research, writing, and demonstration of writing instruction.

**PSWP Institute participants:**

- Exchange and adapt effective ideas for the teaching of writing
- Continue their development as writers and reflect on the processes of writing and teaching
- Read current research and adapt their new knowledge to their classrooms
- Train to become effective teachers of other teachers, designing inservice programs for their sponsoring schools and districts
- Attend follow-up workshop during the 1994 school year

Instructors: Linda Clifton, co-director, PSWP and teacher, Woodinville High School, and Holly Stein, PSWP consultant and teacher, Eastside Catholic High School.

Application: Although the application deadline for this program is April 15, spaces may still be available. For a brochure and application, please call (206) 543-2320. The application form on the inside back cover of this bulletin is not applicable.

**SUMMER: ENGL 446TA**—8 credits, Mondays-Fridays, 8:30 a.m.-3 p.m., July 11-Aug. 5, \$776 plus a \$15 registration fee. Prerequisite: Teaching certification and permission of instructor.

**359W Contemporary Novel (5)**

Recent efforts to change the shape and direction of the novel by such writers as Murdoch, Barth, Hawkes, Fowles and Atwood.

**369◆ Fiction and Film (5)**

Comparative study of technique and meaning in written narratives and films. Short stories and novels selected from American and English literature, and films that employ similar of contrasting techniques in constructing fiction. Meets with C LIT 357.

**379 Advanced Expository Writing (5)**

Concentration on the development of prose style for experienced writers. Recommended: sophomore standing.

**386 Intermediate Seminar: Verse Writing (5, max. 10)**

Intensive workshop study of the ways and means of making a poem. Further development of fundamental skills. Emphasis on revision. Meets with ENGL 422. Recommended: 274. Prerequisite: entry code (B25 Padelford, 543-9865).

**388 Intermediate Seminar: Short Story Writing (5)**

Exploring and developing continuity in the elements of fiction writing. Methods of extending and sustaining plot, setting, character, point of view and tone. Recommended: 277. Prerequisite: entry code (B25 Padelford, 543-9865).

**390◆ English Language Study (5)**

Wide-range introduction to the study of written and spoken English. The nature of language; ways of describing language; the use of language study as an approach to English literature and the teaching of English.

**394◆ The Language of Literature (5)**

Roles of explicitly describable language feature in the understanding and appreciation of various verbal forms. Emphasis on literature, but attention also may be given to nonliterary prose and oral forms.

**398◆ Topics in British Literature (5, max. 15)**

**A. Sexuality, Textuality and Spirituality: Writing Women in the Middle Ages (5)**

Issues of gender in writings by and about medieval women; medieval women's visionary literature, devotional texts written for a female audience, images of women in medieval literature, reading and writing as a woman in the Middle Ages, and feminist theory which illuminates medieval texts.

**422 Advanced Seminar: Verse Writing (5, max. 15)**

Intensive workshop study of the ways and means of making a poem. Meets with ENGL 386. Recommended: 386. Prerequisite: entry code (B25 Padelford, 543-9865).

**441 The Composition Process (5)**

Consideration of psychological and formal elements basic to writing and related forms of nonverbal expression and the critical principles that apply to evaluation.

**445 Colloquium in English for Teachers (5, max. 10)**

**A. Tutoring At-Risk Children (5)**

Study of issues in American education; writing, discussion and research using UW's online resources; and tutor training combined with tutoring at-risk elementary school children in Seattle. Concurrent enrollment in ENGL 197A required.

**B. Teaching Composition (5)**

Writing workshop with a focus on teaching writing in school and college classes. Suitable for anyone wanting serious practice in developing writing skills, including teachers and prospective volunteers.

**493 Advanced Creative Writing Seminar (3-5, max. 10)**

**A. Independent Study (3-5)**

Tutorial arranged by prior mutual agreement between student and instructor. Revision of manuscripts is emphasized, but new work may also be undertaken. Prerequisite: entry code (B25 Padelford, 543-9865).

**U. Screenwriting (5)**

Prerequisite: entry code (B25 Padelford, 543-9865).

**501 The Renaissance and Literary Tradition (5)**

Examination of selected texts from 1500-1660, concentrating on specific problems of interpretation and scholarship characteristics of the study of works written during the Renaissance. Prerequisite: entry code (B25 Padelford, 543-9865).

**506 Critical Approaches to Literary Texts (5)**

Examination of a range of critical theories and practices appropriate to the study of literature. Prerequisite: entry code (A105 Padelford, 543-6077).

**Courses by special arrangement**

*Major Conference, Advanced Expository Writing Conference, Directed Readings, Independent Study or Research, Internship, Graduate Writing Conference, Master of Arts Essay, Masters of Arts for Teachers, Master's Thesis, Doctoral Dissertation*

**Summer Program in English As A Second Language**

103 Lewis Hall, DW-12  
Telephone: 543-6242

Intended primarily for new and continuing University of Washington students who are not native speakers of English, the summer ESL program is designed to prepare such students for college-level academic work by improving their skills in oral and written American English. Other qualified applicants may be accepted into the program with permission of the ESL Center on a space-available basis only.

Students interested in taking ESL courses should take an Academic English diagnostic examination before they enroll. Students should contact the Testing Office in 440 Schmitz Hall or call 543-1170 to register for the examination. The Diagnostic Examination determines which courses the student should take. Without the exam, a student is required to take *all* ESL courses.

Students may take up to two ESL classes during Summer Quarter. Visit the Special Services Office, 460 Schmitz, or contact the ESL Center for further information. Each class requires payment of a \$300 special fee.

Enrollment in the summer ESL program does not guarantee admission to the University. For information concerning University admission criteria and the application closing date, see the Admission section of this Bulletin. To assure a reservation in the summer ESL program, contact the English As A Second Language Center, 103 Lewis Hall, DW-12, Seattle, WA 98195, telephone (206) 543-6242.

**100 Intermediate ESL for International Students (0)**

**A. Reading and Writing**

Reading comprehension, vocabulary development and basic writing skills, including review of grammar. Fee: \$300.

**B. Speaking and Listening**

Listening for increased efficiency in academic lecture comprehension, note taking, oral summarizing, recognition of idioms. Fee: \$300.

**101 High Intermediate ESL for International Students (0)**

**A. Reading and Writing**

Further improvements of reading comprehension and vocabulary; organizing and developing ideas in writing. Prerequisites: diagnostic examination or completion of 100A. Fee: \$300.



**B. Speaking and Listening**

Refinement of listening and speaking skills; speaking and listening in academic situations; presenting arguments effectively in an academic setting. Prerequisites: diagnostic examination or completion of 100B. Fee: \$300.

**102 Advanced ESL for International Students (0)**

**A. Reading and Writing**

Writing and reading skills for preparing and writing the academic research paper. Prerequisites: diagnostic examination or completion of 101A. Fee: \$300.

**B. International Teaching Assistant Training**

Lecturing and class discussion skills for ITAs with work on comprehensibility, idea organization and levels of formality. Prerequisites: entry code, SPEAK test and diagnostic examination or completion of all required ESL courses. (No fee for qualified ITAs.)

**Environmental Studies (ENV S)**

203 Engineering Annex, FM-12  
Telephone: 543-1812

**203 Introduction to Physical Sciences and the Environment (5)**

Climate, water, geological and soil processes essential to life. Broad picture of physical processes important in Earth's evolution. Not recommended for students with 15 or more credits of physical science. Prerequisite: entry code (201 Engineering Annex). Joint with GEOG 205.

**Courses by special arrangement**

*Undergraduate Research, Special Topics in Environmental Studies*

**General Studies (G ST)**

9 Communications Building, DS-60  
Telephone: 543-2551

Information about these general studies courses and individual majors in general studies may be obtained from the Undergraduate Advising Center at the above address.

**Courses by special arrangement**

*Independent Fieldwork, Supervised Study in Selected Fields, Senior Study*

**Genetics (GENET)**

J205 Health Sciences Center, SK-50  
Telephone: 543-1657

**371 Introductory Genetics (5)**

Explores gene transmission, chromosome mapping, quantitative traits, population genetics, genetic analysis of biological processes. Emphasizes formal genetic mechanisms but includes some molecular techniques, such as restriction mapping, cloning, RFLP analysis. For biological science majors. No credit for students who have taken 360 or 365. Prerequisite: CHEM 150. Recommended: BIOL 201.

**501 Introduction to Research Materials (3, max. 9)**

The student undertakes a research project in one of the research groups within the department for a quarter at a time. Prerequisite: graduate standing in the Department of Genetics or permission of Graduate Program Coordinator.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Geography (GEOG)**

408A Smith Hall, DP-10  
Telephone: 543-3246

Geography summer offerings include courses meeting social science and natural science distribution requirements and core courses for geography majors and nonmajors.

**100 Introduction to Geography (5)**

Basic patterns of human occupancy of the earth; analysis of population, settlement and resource-use problems; introduction to geographic theories pertaining to spatial organization, interaction and environmental perception.

**102 World Regions (5)**

Spatial study of world regions, based on historical, cultural, political, economic and other factors. An attempt to understand the underlying forces that have led to the formation of regions and regional patterns.

**205 Introduction to Physical Sciences and the Environment (5)**

Major atmospheric, hydrologic and geomorphic processes used to interpret the character, distribution and human significance of different natural and human-altered environments. Includes laboratory exercises for science and nonscience majors, geography majors and nonmajors. Joint with ENV S 203.

**207 Economic Geography (5)**

The role of technology in the process of industrial change in the turbulent contemporary world. Emphasis on concepts and theories pertaining to the restructuring of the world economy. Focus on change in the composition and location of sectors and industries.

**277♦ Geography of Cities (5)**

Study of 1) systems of cities—their location, distribution, functions and competition; and 2) their internal structure—the locations of activities within urban areas. Particular emphasis on current urban problems—sprawl, housing, segregation, economic growth and metropolitan transportation.

**326 Introduction to Geographic Research (5)**

Approaches to geographic pattern solving. Topics include defining geographic problems; methods of analysis, seeking, organizing and analyzing spatial data. Provides experience defining a geographic research problem, collecting and analyzing data, and drawing conclusions from that endeavor.

**360 Principles of Cartography (5)**

Origins, development and methods of cartography. Principles of data representation and map design for thematic and topographic mapping. Students are provided with an introduction to the use of computers for mapping. *Previous computer experience is not necessary.*

**447W♦ The Geography of Air Transportation (5)**

Geographic analysis of world air routes, passenger and cargo flows, and airport activities; consideration of physical, economic, political and institutional determinates of routes and flows.

**448▲ Geography of Transportation (5)**

Circulation geography, principles of spatial interaction emphasizing commodity flow, the nature and distribution of rail and water transport, and the role of transport in area development.

**Courses by special arrangement**

*Internship in Geography, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

# GEOLOGY OF THE PACIFIC NORTHWEST:

*A lecture and field trip course*

## **GEOL 306, 5 credits**

Geologic history of Washington, Oregon and Idaho. Emphasis on use of geologic principles in interpreting evidence found in landscapes and rocks. Prerequisite: 101 or 205 or equivalent.

Students are required to attend five field trips during Summer Quarter. Fifteen field trips are offered on both weekdays and weekends to accommodate student schedules. Field trips include the North Cascades, Mount Rainier, Mount St. Helen's, Columbia Plateau, San Juan Islands, Bainbridge and Whidbey Islands, and the Olympic Peninsula. Three in-class labs are required at the beginning of the quarter to review mineral and rock identifications, as well as geology field methods.

## **Geological Sciences (GEOL)**

63 Johnson Hall, AJ-20  
Telephone: 543-1190

The department offers courses for majors and graduates, and nonmajors seeking broad training in geological sciences.

### **101 Introduction to Geological Sciences (5)**

Survey of the physical systems that give the earth its form. Emphasizes the dynamic nature of interior and surface processes and their relevance to mankind and stresses the value of rocks and earth forms in the understanding of past events. A course with laboratory for nonscience majors. Not open for credit to students who have taken 205. Field trips to Cascades and Olympics.

### **306 Evolution of the Earth (5)**

Earth and its physical and biological aspects through time. Origin of earth, its early history, and development of continents and ocean basins as chronicled by the rock and fossil record. Field trips required. Prerequisite: 101 or 205.

### **308 Geology of the Pacific Northwest (5)**

Geologic history of Washington, Oregon and Idaho. Emphasis on use of geologic principles in interpreting evidence found in landscapes and rocks. Prerequisite: 101 or 205 or equivalent. *Students are required to attend five field trips during Summer Quarter. Fifteen field trips are offered on both weekdays and weekends to accommodate student schedules. Field trips include the North Cascades, Mount Rainier, Mount St. Helen's, Columbia Plateau, San Juan Islands, Bainbridge and Whidbey Islands, and the Olympic Peninsula. Three in-class labs are required at the beginning of the quarter to review mineral and rock identifications, as well as geology field methods.*

### **312 Volcanoes and Glaciers of the Pacific Northwest (3)**

Introduction to volcanic and glacial processes, emphasizing examples in the Pacific Northwest. Volcanic products, landforms, hazards, prediction and history. Relationship to tectonics. Nature and distribution of present and former glaciers in Washington. Two all-day Saturday field trips to Cascade volcanoes required.

### **401 Field Geology (10)**

Geologic mapping in diverse areas in the western United States. Development of skills in mapping, field interpretation and report writing. Students are responsible for their own living expenses while in the field. Prerequisites: 101 or 205, 321, 340 and entry code. 306, 311 strongly advised.

## **Courses by special arrangement**

*Undergraduate Thesis, Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

## **Geophysics (GPHYS)**

202 Atmospheric Sciences-Geophysics, AK-50  
Telephone: 543-8020

### **480 Special Topics in Geophysics (2-6, max. 12)**

#### **A. Earth Sciences for Teachers (4)**

A course for junior and senior high school earth science and general science teachers. Through a combination of lectures, experiments and field trips, teachers will investigate meteorology and solid earth geology. Emphasis is on learning basic principles through experimentation.

## **Course by special arrangement**

*Independent Study or Research*

## **Germanics (GERM)**

340C Denny Hall, DH-30  
Telephone: 543-4580

The Department of Germanics offers a variety of intensive and regular courses at all levels. Students may take 15 credits of *Intensive First-Year German* (100), the equivalent of *First-Year German* (101, 102, 103). Students may also complete the entire second-year program and earn 15 credits by enrolling in *Intensive Second-Year German* (200). Graduate students may enroll in *First-Year Reading German* (121♦ and 122▲). Advanced undergraduate and graduate students may also enroll in 495 and 498.

### **100 Intensive First-Year German (15)**

Accelerated first-year German. Emphasis on speaking and listening. Equivalent to 101, 102 and 103.

### **101 First-Year German (5)**

Emphasis on communicative skills. No credit for students who have taken the first five credits of 104.

### **103 First-Year German (5)**

Emphasis on communicative skills. Prerequisite: 102 or equivalent. No credit for students who have taken the last five credits of 104.

*Credit Restrictions: Students may receive credit for only one course in each of the following: 101, 111 and the first 5 credits of 104; 102, 111 and the second 5 credits of 104; 103 and the last 5 credits of 104. They may, however, receive credit for courses in different first-year sequences if the courses are taken in progressively more advanced order (e.g., the first 5 credits of 104 followed by 102 and 103). 100 is the equivalent of 101, 102, 103, or 15 credits of 104.*

**121♦ 122▲ First-Year Reading German (5,5)**

Intensive. Special beginning course devoted exclusively to the reading objective. For graduate and undergraduate students. CR/NC only.

**200 Intensive Second-Year German (15)**

Accelerated second-year German. Systematic review of German grammar. Intensive practice in conversation, reading and writing. Prerequisite: 103 or equivalent.

**230 Conversational German (5)**

Intensive conversational German. Discussion of literary and general topics to develop oral fluency. Prerequisite: 103 or equivalent.

**299 Supervised Study (1-5, max. 10) A. German Culture (5)**

This course is conceived as a supplement to the intensive/non-intensive German language classes on the 100 and 200 levels. It offers an introduction to the culture of the German-speaking world. Students read texts in the various media, discuss diverse manifestations of culture, both high and popular, its underlying beliefs and values, and its historical background. Readings and discussions in English.

**390 Germanic Studies in English (1-6, max. 15)****A. Epiphany and Madness in the German Romantic Tale (5)**

The German literary tale of the late eighteenth and early nineteenth century seems to establish borders only in order to cross them. The boundaries between the real and the imaginary, the divine and the unholy, or epiphany and madness, if at all fixed, remain perforated. This course explores the different ways in which these and other boundaries are drawn and crossed in the fairy tales and novelle of Goethe, Tieck, Hoffmann, Eichendorff, Kleist and others.

**495♦ Proseminar in German Literature (3-5, max. 15)****A. Comedy and the Comic (5)**

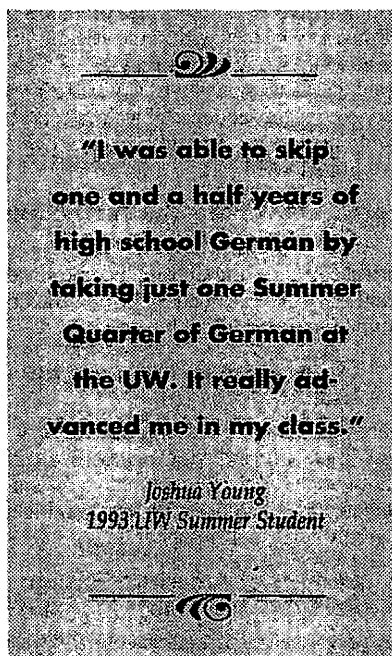
Explores the historical transformations of the genre of comedy from the eighteenth to the twentieth century through close readings of a wide variety of plays designated as comedies. The satirical comedy of the early Enlightenment constitutes the starting point for discussions. Among the questions that are addressed are: the function of comic plot and character conventions; the distinction between comedy and the comic; the significance of laughter; the body in comedy, etc. Plays by L.A. Gottsched, Lessing, Lenz, Kleist, Buchner, Nestroy, Hofmannsthal and others. Theoretical texts by Frye, Bergson, Ritter, Bakhtin and Warming. Course requirements: Active participation in discussions, one oral presentation, one interpretive paper and final exam. In German. Open to graduate and advanced undergraduate students.

**498▲ Studies in the German Language (1-6, max. 15)****A. Linguistics and Literature (5)**

Provides an introduction to certain basic principles of syntactic and semantic analysis and an overview of the major syntactic and semantic structures of Modern German. Various literary concepts such as metaphor are also considered. Students should have had at least two full years of German and will be required to write some brief exercises to familiarize themselves with the methodology employed. At the conclusion of the course, students present their analyses of a literary text of their choice. Open to graduate and advanced undergraduate students.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Health Services (HSERV)**

Courses in Health Services, a department in the School of Public Health and Community Medicine, are open to students in public health, medicine, nursing, health education, the arts and sciences curricula, and allied fields. See specific course listings in this and other departments under the School of Public Health and Community Medicine.

**History**

315 Smith Hall, DP-20  
Telephone: 543-5790

History courses are offered in

- General History
- History of the Americas
- Ancient and Medieval History
- History of Asia
- Modern European History

The Department of History offers a varied menu of summer classes, including upper division and graduate courses for teachers seeking their master's degree. Undergraduates will also find a wide diversity of courses, including the history of *The Medieval World*, *The Modern World* and *History of the Chicano People* at the 100-level, and *The Jews in Western Civilization*, *Survey of the Muslim Near East*, *The Ancient World*, *Survey of History of the United States* and *Makers of American Foreign Policy* at the 200-level. At the 300-level, *Social History of American Women*, *Latin America: Inter-American and Intra-Continental Relations* and *Medieval Christianity* will be offered along with *History of Africa Since 1800*, taught by a new adjunct faculty member in the department.

At the 400- or senior-level, *Issues in Comparative Labor History*, *The U.S. During the Civil War and Reconstruction*, *History of Washington and the Pacific Northwest* and *The Intellectual History of the United States* are scheduled. *History of Modern India to 1900* and *History of Modern China* will be offered. The history department will also teach five European history courses: *Economic History of Europe, France Since 1814*, *History of Communism, Eastern Europe Since 1918* and a new course, a *History of the Baltic*.

In addition to these courses which will be offered during the day, the department will be offering two classes through the Evening Degree Program, *Modern American Civilization from 1877* and *European Intellectual History, Nineteenth Century*.

**General History (HST)****112 The Medieval World (5)**

Political, economic, social and intellectual history of the Middle Age. No credit toward a history major for students who have taken HSTAM 331 or 332 or 333.

**113 The Modern World (5)**

Political, economic, social and intellectual history of modern Europe. No credit toward a history major for students who have taken HSTEU 302 or 303.

**250▲ The Jews in Western Civilization (5)**

History of the Jews from late antiquity to the present. Examines the relationship between Jewish communities and the larger societies in which they are found. Joint with SISJE 250.

**261 Survey of the Muslim Near East (5)**

The Middle East (the Arab countries, Israel, Turkey, Iran and Afghanistan) from the emergence of Islam in A.D. 622 to the present: culture, economics, politics.

**351 History of Africa to 1800 (5)**

History of sub-Saharan Africa from antiquity to 1800. The peopling of the continent; the Iron Age in Africa; growth of centralized political institutions; stateless societies; Islamic penetration; the African slave trade.

**449◆ Issues in Comparative Labor History (5)**

Role of labor in the modern world. Emphasis on the centrality of workers' struggles in the evolution of national societies, on the conceptual, research and expository strategies of contemporary students of the labor movement, and on differences and relationships between labor in developed and under developed countries.

**481W Economic History of Europe (5)**

Origins of the modern European economy; historical analysis of economic change and growth from medieval times that stresses the preconditions and consequences of industrialization. Joint with ECON 460. Recommended: ECON 200, 201.

**498W Colloquium in History (3-5, max. 15)**

**A. The First Crusade (\*)**

An intensive study of the origins, motivations, events and consequences of the First Crusade (1096-1100), an extraordinary attempt by western European armies to capture Jerusalem from its Muslim rulers so as to preserve it thereafter in Christian hands. Although the focus will be on the crusaders themselves and their impact on western Europe, some attention will be paid to events in both Byzantium and in the Islamic world, at least insofar as these exercised an influence on the crusaders' successes and failures. Special attention given to the impact of the crusade on minority groups in western Europe, particularly Jews.

**B. Topics in the History of Christianity (\*)**

Explores three issues in Church history: the definition of orthodoxy and heresy in the early Church, the rise and development of medieval Christendom and the Protestant Reformation. Special attention paid to primary sources and to the lives of St. Augustine, St. Thomas Aquinas and Martin Luther.

**C. Women and Peace (5)**

This seminar course is a cross cultural and comparative course on women's involvement in twentieth century peace movements. The course will explore the historical links between feminism, peace and pacifism; the rhetoric, goals and strategies of women's peace organizations; the local, national and international organizations women have formed or worked within; and the conflicts among and between women's peace groups over the issues of race, class and ethnicity. Joint with WOMEN 490.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**History of the Americas (HSTAA)**

**150◆ Afro-American History (5)**

Introductory survey of topics and problems in Afro-American history with some attention to Africa as well as to America. Provides some general knowledge and serves as a basic introductory course for sequence of lecture courses and seminars in Afro-American history. Offered jointly with AFRAM 150.

**181▲ History of the Chicano People Since 1848 (5)**

Historical survey of the Chicano people since the war between the United States and Mexico. Recommended: HSTAA 180

**201 Survey of the History of the United States (5)**

Supplies the knowledge of American history that any intelligent and educated American citizen should have. Objective is to make the student aware of his heritage of the past and more intelligently conscious of the present.

**202 Makers of American Foreign Policy, 1776 to the Present (5)**

Survey of the history of American foreign relations. Focus on the individuals responsible for initiating new foreign policies or for realigning old ones.

**373◆ Social History of American Women (5)**

A multi-racial, multicultural study of women in the U.S. from the sixteenth century to the present: an emphasis on women's unpaid work, participation in the paid labor force, charitable and reform activities, and feminist movements of the nineteenth and twentieth centuries. Use of primary materials such as diaries, letters, speeches and artifacts. Joint with WOMEN 383. Prerequisite: 210 or WOMEN 200 or 283, or permission of instructor.

**384 Latin America: Inter-American and Intra-Continental Relations (5)**

Inter-American relations, focusing on the United States' diplomatic and military responses to the problems of Latin America since 1776. Intra-Latin American relations and regional organizations (e.g. the Organization of the United States).

**411◆ The United States During the Era of Civil War and Reconstruction (5)**

Conflicting interests, ideologies and ways of life in the United States from the 1840s to the 1870s.

**432 History of Washington and the Pacific Northwest (5)**

Exploration and settlement; economic development and social institutions; statehood.

**454▲ The Intellectual History of the United States (5)**

Lectures and discussions devoted to the development of the American mind, from historical beginnings to the present.

**Ancient and Medieval History (HSTAM)**

**201 Ancient History (5)**

Development and characteristics of ancient Greek civilization from the Bronze age to the Roman conquest. Emphasis on interaction of cultures of the eastern Mediterranean.

**360 Medieval Christianity (5)**

Development of Christianity in the medieval west circa 400 to 1500. Emphasis on the forms of religious life: monasticism, the papacy, friars, hermits, mystics and reformers; and on the emergence of new modes of piety, both lay and clerical.

**History of Asia (HSTAS)**

**403 History of Modern India to 1900 (5)**

Modern Indian; emphasis on forms of political organizations and economic life, social organizations and cultural developments.

**454◆ History of Modern China (5)**

Political, economic, social and intellectual history of China from 1800 to present. Processes of modernization and revolution and relationship between them.

## Modern European History (HSTEU)

### 415 Europe, 1939-1945

Inquiry to discover what the war of 1939-45 was about and what it did to the more than five hundred million Europeans.

### 423 France Since 1814 (5)

Political, economic and social history since the Congress of Vienna. Special emphasis upon the continuity of the revolutionary tradition.

### 440 History of Communism (5)

Communism from its origins in the Bolshevik faction of Russian social democracy to the present, tracing the development of the ideology, the various communist parties and the communist states. Joint with SIS 440. Prerequisites: two courses in modern European history or politics.

### 452♦ Eastern Europe Since 1918 (5)

Poland, Czechoslovakia, Hungary, Romania, Yugoslavia, Bulgaria and Albania, from the end of World War I to the present. Prerequisite: 451 or permission of instructor.

### 454▲ Baltic History (5)

A basic overview of the history of the area occupied by the Baltic countries of Latvia, Lithuania and Estonia; their emergence as modern European nation-states will be emphasized. The post-World War I era will be treated in depth including the historical role and present situation of non-Baltic peoples, particularly Russians.

## The Henry M. Jackson School of International Studies

111 Thompson Hall, DR-05  
Telephone: 543-4370

Henry M. Jackson School of International Studies courses are offered in:

- African Studies
- Canadian Studies
- Chinese Regional Studies
- Comparative Religion
- International Studies
- Japanese Regional Studies
- Jewish Studies
- Korean Regional Studies
- Latin American Studies
- Middle Eastern Studies
- Russian and East European Studies
- South Asian Studies
- Southeast Asian Studies

In addition to the courses listed below, students may register for independent study courses (499, 600, or 700) in such other interdisciplinary regional and topical programs of the School as African Studies, East Asian Studies, Interna-

tional Studies, Jewish Studies, Latin American Studies, Middle Eastern Studies, South Asian Studies, Russian and East European Studies, Comparative Religion, Canadian Studies and Southeast Asian Studies and in program-related undergraduate courses offered by other academic units. Call the International Studies advisory offices in Thompson Hall for additional information.

## African Studies (SISAF)

### Course by special arrangement

*Undergraduate Research*

## Canadian Studies (SISCA)

### 495♦ Multiculturalism in Canada (5)

History of the multi-racial and multi-ethnic character of Canadian society. Impact of federal policy of bilingualism and multiculturalism. Current issues of language rights, retention of cultural heritage, self-government for aboriginal peoples, and improving race and ethnic relations.

### Course by special arrangement

*Undergraduate Research*

## Chinese Regional Studies (SISEA)

### Courses by special arrangement

*Undergraduate Research, Independent Study or Research, Master's Thesis*

## Comparative Religion (RELIG)

### 220♦ Introduction to the New Testament (5)

Modern scholarly methods of research and analysis in dealing with New Testament books and their interpretation. Genres of various books (gospel, epistle, sacred history, apocalypse); problems of the relationships among author, material and intended audience; relationships between theme and image.

### 240▲ Introduction to the Bible (Old Testament) (5)

Introduction to the Hebrew Bible in English. Results of modern critical studies on the Bible and the ancient Near East. Concentrates on the meaning of Biblical records in their own time and environment. Joint with NE 240.

### 324▲ The Emergence of Christianity (5)

Studies stages in the development of Christianity as a new religion, during the first to fifth centuries C.E., as the classical forms and institutions of Christian "orthodoxy" gradually achieved definition, and as this emerging Chris-

tian tradition became a dominant cultural and socio-political force. Recommended: 201, 220, or HST 307.

### Courses by special arrangement

*Undergraduate Research, Independent Study or Research*

## International Studies (SIS)

### 201♦ Introduction to International Political Economy (5)

International political economy through the examination of major facets of post-World War II era. Post-war economic order and its crises in the 1970s and 1980s; North-South relations, the post-war political order and its East-West rivalry.

### 330♦ Political Economy of Development (5)

Growth, income, distribution and economic development in less-developed countries today. Policies concerning trade, industrialization, the agricultural sector, human resources and financing of development. Prerequisites: ECON 200, 201.

### 340▲ Comparative Communism and Post-Communism (5)

Nature of politics in communist and post-communist systems, focusing on the Soviet (Russian), Chinese, Yugoslav and East German (German) cases. Relates communism to the broader subjects of revolutionary transformation.

### 355♦ Social Change in Latin America (5)

Problems of development and dependency in Latin America. Relations of power and production between social classes and ethnic groups, with special emphasis on Mesoamerica (Mexico, Guatemala) and the Andes (Peru, Bolivia). Joint with SOC 355. Prerequisite: introductory course in sociology, anthropology, political science, economics, or international studies.

### 440♦ History of Communism (5)

Communism from its origins in Bolshevik faction and Russian Social Democracy to the present, treating the development of the ideology, the various communist parties and the communist states. Joint with HSTEU 440. Prerequisites: two courses in modern European history of politics.

### 450♦ Political Economy of Women and Family in the Third World (5)

Theoretical and empirical aspects of the political economy of women and the family in the Third World during the process of development, with a focus on labor. Main theoretical approaches examined and applied to case studies from Asia and Latin America. Joint with SOC 450.

**490A Special Topics (1-5, max. 15)**

**A. Comparative Law: Europe, Latin America and East Asia (3)**

An introduction to the principal legal traditions in Europe, Latin America and Asia, with particular emphasis on the basic institutional features of the civil law systems. This course covers the historical development of the civil law tradition and its reception in nonwestern societies, as well as the basic institutional contrasts between civil and common law jurisdictions, and among civil law jurisdictions. Students have the opportunity to select a particular country of interest and examine in greater detail the basic features of its legal system. Open to law and non-law students. Meets with LAW 459 and LAW B559.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Japanese Regional Studies (SISEA)**

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis*

**Jewish Studies (SISJE)**

**250A The Jews in Western Civilization (5)**

Introduction to the history of the Jews from late antiquity to the present. Examines the relationship between Jewish communities and the larger societies in which they are found. Joint with HST 250.

**Course by special arrangement**

*Undergraduate Research*

**Korean Regional Studies (SISEA)**

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis*

**Latin American Studies (SISLA)**

**Courses by special arrangement**

*Undergraduate Research, Senior Thesis*

**Middle Eastern Studies (SISME)**

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis*

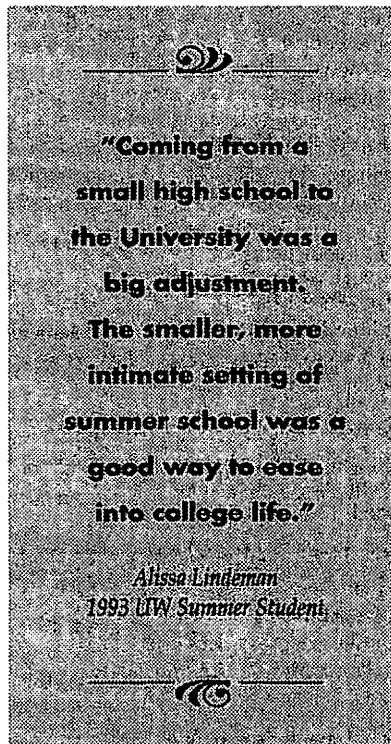
**Russian and East European Studies (SISRE)**

**405A Peoples of the Soviet Union (5)**

Traditional cultural and social organizations of the various nationalities in Russia. Particular emphasis on peoples of Siberia. Role of traditional culture in shaping contemporary lifestyles in multiethnic, diversified setting. Joint with ANTH 405. Prerequisite: ANTH 202 or permission of instructor.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis*



**South Asian Studies (SISSA)**

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis*

**Southeast Asian Studies (SISSE)**

**Course by special arrangement**

*Undergraduate Research*

**Linguistics (LING)**

A210 Padelford Hall, GN-40  
Telephone: 543-2046

The Department of Linguistics offers courses in the method and theory of language analysis and in phonology and syntax.

**200◆ Introduction to Linguistic Thought (5)**

Language as the fundamental characteristic of the human species; diversity and complexity of human languages; phonological and grammatical analysis; dimensions of language use; language and writing; impact of historical linguistics on contemporary theory. Not open for credit to students who have taken 400.

**203 Introduction to Anthropological Linguistics (5)**

Linguistic methods, theories used within anthropology. Descriptive and theoretical linguistics compared; historical linguistics, comparative method; socio-linguistics; language, culture; human language and animal communication compared; survey of history of anthropological linguistics in North America. Joint with ANTH 203. Not open for credit to students who have taken 200, 201, or 400.

**400◆ Survey of Linguistic Method and Theory (4)**

Major linguistic theories in phonology, syntax and semantics; linguistic analysis and argumentation. Intended for students who plan to pursue further linguistic or language-related study; not open for credit to students who have taken 200 or 201.

**449 Second-Language Learning (3)**

Issues related to the psychological aspects of second-language learning. Prerequisite: 200 or 400 or permission of instructor.

**451▲ Phonology I (4)**

Speech sounds, mechanism of their production and structuring of sounds in languages; generative view of phonology; autosegmental and metrical phonology. Joint with ANTH 451◆. Prerequisite: 200 or 400, either of which may be taken concurrently.

**461◆ 462▲ Syntax I, II (4,4)**

Study of the structural properties of language; introduction to generative transformational syntax. Joint with ANTH 461◆ & 462▲. Prerequisite: 200 or 400 or permission of instructor.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

## Mathematics (MATH)

C36 Padelford Hall, GN-50  
Telephone: 543-6830

Summer Quarter courses offered in mathematics range from the precalculus level to a selection of advanced courses at the senior and graduate levels. Mathematics majors can take most of the standard senior-level courses during the summer, including 402, 407 and 427. Courses of interest to teachers include *Introduction to Modern Algebra for Teachers* (411, 412), *History of Mathematics* (420) (offered only during Summer Quarter), and *Foundations of Geometry* (444, 445). Also see Statistics.

Students planning to take MATH 111, 120 or 124 must satisfy minimum placement requirements. The current requirements are described in "Placement Requirements for MATH 107, 111, 120, 124," available at Central Advising, 9 Communications, and Mathematics Advising, C36 Padelford.

### 111 Algebra with Applications (5)

Use of graphs and algebraic functions as found in business and economics. Algebraic and graphical manipulations to solve problems. Exponential and logarithmic functions; various applications to growth of money. Prerequisites: one and one-half years of high school algebra and qualifying test or equivalent.

### 112 Application of Calculus to Business and Economics (5)

Rates of change, tangent, derivative, accumulation, area, integral in specific contexts, particularly economics. Techniques of differentiation and integration. Application to problem solving. Optimization. Credit does not apply toward a mathematics major. Prerequisite: for sections taught during the day: 111; for evening section: 111 or 120.

### 120 Precalculus (5)

Elementary functions with emphasis on the general nature of function; polynomial, rational, exponential, logarithmic and trigonometric functions. There is heavy emphasis on story problems and working with graphs. Not open for credit to students who have taken 111. Prerequisites: two years of high school algebra and qualifying test, or 101 or equivalent.

### 124 Calculus with Analytic Geometry I (5)

Differentiation, applications of derivative, integration. Calculus for natural sciences and engineering students. Prerequisites: four years of college preparatory mathematics or equivalent (normally including precalculus or mathematical analysis with grades of B or better) and placement test of 2.5 or better in 120, or equivalent.

### 125 Calculus with Analytic Geometry II (5)

Applications of integration, transcendental functions, methods of integration and improper integrals, introduction to first order ordinary differential equations. Prerequisite: 124.

### 126 Calculus with Analytic Geometry III (5)

Vectors and vector functions in space, functions of several variables and applications, multiple integrals. Prerequisite: 125.

### 170 Mathematics for Elementary School Teachers (3)

Development of the systems of whole numbers, integers and rational numbers; measurement; basic geometric concepts. Ordinarily, credit may not apply toward a major in mathematics. Elementary education majors are required to take 170. Prerequisites: one and one-half years of high school algebra and one year of geometry. CR/NC only.

### 205 Elementary Linear Algebra (3)

Systems of equations, vector spaces, matrices, linear transformations, characteristic vectors. Not open for credit to students who have taken 308. Prerequisite: 124 or 157.

### 301 Elementary Number Theory (3)

Brief introduction to some of the fundamental ideas of elementary number theory. Prerequisite: 126 or 136.

### 307 Differential Equations (3)

Taylor series. First and second order ordinary differential equations. Prerequisite: 125. Recommended: 126.

### 308 Linear Algebra (3)

Linear algebra (matrices and linear equations, the vector space  $R^n$ , eigenvalues), systems of first order linear ordinary differential equations. Prerequisite: 307, 126 strongly recommended.

### 309 Linear Analysis (3)

Linear algebra (inner products, projections), Fourier series and Laplace transform with applications to partial differential equations. Prerequisite: 126, 307, 308.

### 324 Advanced Calculus I (3)

Vector and scalar fields, line integrals, surface and volume integrals, theorems of Green, Gauss, and Stokes. Prerequisite: 126.

### 325 Advanced Calculus II (3)

Sequences, series (tests, absolute convergence, uniform convergence), power series and real analytic functions. Prerequisites: 126 and 307.

### 390 Probability and Statistics in Engineering and Science (4)

Concepts of probability and statistics. Conditional probability, independence, random variables, distribution functions. Descriptive statistics, transformations, sampling errors, confidence intervals, least squares and maximum likelihood. Exploratory data analysis and interactive computing. Joint with STAT 390. Students may not receive credit for both 390 and STAT 481. Prerequisites: 307 or 328, and 205 or 308.

### 394♦ Probability I (3)

Sample spaces; basic axioms of probability; combinatorial probability; conditional probability and independence; binomial, Poisson and normal distribution. Joint with STAT 394♦. Prerequisite: 328.

### 395▲ Probability II (3)

Random variables; expectations and variance; laws of large numbers; normal approximation and other limit theorems; multidimensional distributions and transformations. Joint with STAT 395▲. Prerequisite: 394.

### 402♦ 403▲ Introduction to Modern Algebra (3,3)

Intensive. Algebraic systems; elementary theory of groups, rings and fields; polynomials; topics in linear algebra; reductions of forms. Prerequisites: 308 or 336 for 402; 402 for 403.

### 407 Linear Optimization (3)

Maximization and minimization of linear functions subject to constraints consisting of linear equations and inequalities; linear programming and mathematical modeling. Simplex method, elementary games and duality. Prerequisite: 308.

### 411♦ 412▲ Introduction to Modern Algebra for Teachers (3,3)

Development of the number systems of elementary algebra: groups rings, integral domains and fields; polynomials. Designed for teaching majors. Not open for credit to students who have taken 402 or 403. Prerequisite: 205 or 308.

### 420 History of Mathematics (3)

Survey of the development of mathematics from its earliest beginnings through the first half of the twentieth century. Prerequisite: 402 or 411.

### 427 Topics in Applied Analysis (3)

Some elementary functions of a complex variable, Cauchy integral formula and applications, Taylor and Laurent series, conformal mapping. Prerequisite: 334 or 329.

### 428♦ Topics in Applied Analysis (3)

Intensive, Fourier Series, orthogonal functions and boundary value problems. Prerequisites: 307 and 329, or 336.

**429A Topics in Applied Analysis (3)**

Intensive. Material selected from the following topics: Fourier transforms, LaPlace transforms, Bessel functions, Legendre functions, and the application of these ideas to the solution of certain ordinary and partial differential equations. Prerequisite: 427 and 428.

**444 Foundations of Geometry (3)**

Axiomatic treatment of the foundations of Euclidean geometry. Introduction to non-Euclidean geometry. Designed for teaching majors. Can be taken concurrently with 445. Prerequisite: 126 or 136; 205 recommended.

**445 Foundations of Geometry (3)**

Axiomatic treatment of the foundations of Euclidean geometry. Introduction to non-Euclidean geometry. Designed for teaching majors. This summer emphasis on Euclidean and non-Euclidean geometry using the LOGO computer language as a tool for understanding geometry. No previous knowledge of LOGO is assumed but students are expected to learn enough LOGO during the course to do geometry projects. Prerequisite: 444, which may be taken concurrently. Students must also register for two credits of 487.

**487 Advanced Mathematics Computer Lab (2)**

Laboratory activities in the use of computing as a tool for doing mathematics. (May be used by mathematics majors to satisfy the degree requirement for two credits in computing.) Offered only as a companion lab to a designated section of a 400-level mathematics course. Prerequisite: enrollment in MATH 445. CR/NC only.

**498 Special Topics in Mathematics (2-5, max. 15)**

Reading and lecture course intended for special needs of advanced students. Prerequisite: permission of instructor.

**510 Seminar in Algebra (2)**

Prerequisite: permission of graduate program coordinator. CR/NC only.

**530 Seminar in Analysis (2)**

Prerequisite: permission of graduate program coordinator. CR/NC only.

**550 Seminar in Geometry (2)**

Prerequisite: permission of graduate program coordinator. CR/NC only.

**570 Seminar in Topology (2)**

Prerequisite: permission of graduate program coordinator. CR/NC only.

**590 Seminar in Probability (2)**

Prerequisite: permission of instructor. CR/NC only.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Microbiology (MICRO)**

G311 Health Sciences Center, SC-42  
Telephone: 543-5824

*General Microbiology with Laboratory* is recommended for teachers of general science or biology and for students of biology, chemistry, pharmacy and nursing. Practical experience in a diagnostic laboratory and in media room procedures is available to a limited number of students. Graduate instruction is offered in the summer through research and seminars.

**301 General Microbiology (3)**

Acquaints students with microorganisms and their activities. Topics include microbial cell structure and function, metabolism, microbial genetics, and the role of microorganisms in disease, immunity and other selected applied areas. Prerequisite: two quarters of chemistry; a course in biological science is recommended.

**302 General Microbiology Laboratory (2)**

Laboratory course primarily for students taking 301. Covers a variety of microbiological techniques, with experiments designed to illustrate major concepts of microbiology, virology and immunology. No auditors. Prerequisite: concurrent or previous registration in 301, or permission.

**320 Media Preparation (2)**

Practical work in preparation of culture media. Nutritional requirements of microorganisms and sterilization methods are considered. For students expecting to enter vocations involving laboratory work with bacteria. Prerequisites: 301 and 302, or equivalent, and entry code. CR/NC only.

**500 Introduction to Research (\*, max. 20)**

Introduction to research areas of the faculty and the techniques employed in their investigations. Prerequisite: graduate standing in microbiology. CR/NC only.

**555 Advanced Clinical Microbiology (2.5)**

Attendance at daily plate rounds of the Division of Clinical Microbiology. Designed to increase understanding of clinical microbiological work and its application to the care of the patient. Prerequisites: 443 and entry code. CR/NC only.

**556 Clinical Microbiology Training and Research (\*, max. 12)**

Training in clinical microbiology and research. Attendance at daily laboratory rounds in addition to bench-side training and research. For medical students and microbiology graduate students only. Prerequisites: 443 and entry code. CR/NC only.

**Courses by special arrangement**

*Honors Undergraduate Research, Undergraduate Library Research, Undergraduate Laboratory Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Music**

116 Music Advising, DN-10  
Telephone: 543-1239

Music courses are classified as:

- Courses Primarily for Nonmajors
- Courses Primarily for Music Educators and Music Majors
- Ensemble Courses and Applied Music

The School of Music offers a varied program for both the graduate and undergraduate student. Many short workshops are planned. The dates for these workshops are listed before the course description.

Courses for nonmajors, including a wide spectrum of musical experiences and band and choral ensemble groups may be of interest to general students.

MUSED 496 courses (Special Topics in Music Education) are designed for music teachers. These are special one- or two-week workshops. Many of these workshops will also be available through UW Extension.

Community members are encouraged to participate in the University Symphony Orchestra (MUSEN 300/500), the Summer Band Program (MUSEN 302/502) under the direction of Tim Salzman, and the University Chorale (MUSEN 350/550) under the direction of Joan Conlon. Interested persons should contact the conductor or Music Advising Office.

Entry codes are required for all courses except MUSIC 116, 120, 162, 316, 331, MUSED 200, MUSED 475 and 496 Special Workshops (sections E, I, P and Q) offered jointly with UW Extension, and the MUSEN ensemble courses.



## Courses Primarily for Nonmajors

### Music Education (MUSED)

#### 200▲ Music, Child and Family (3)

For non-music majors. Study of music in childhood, as part of socialization and enculturation of the child within the family and community. Emphasis will be given to songs and listening experiences that can be provided by parents to nurture the child's musical, social and intellectual development from infancy through middle childhood.

### Music (MUSIC)

All the following MUSIC courses satisfy the Arts and Sciences Humanities distribution.

#### 116◆ Elementary Music Theory I (2)

For people with no hands-on music experience. Rudiments of music; notation of time, pitch, small structures (e.g. some scales, chords, rhythmic patterns), some analysis.

#### 120◆ Survey of Music (5)

Studies in listening with emphasis on the changing components of Western art music.

#### 162 American Popular Song (5)

Historical, social and stylistic study of popular idioms from the late nineteenth century to the present. Most attention to contemporary idioms. Influences of music industry on taste and style.

#### 316 Music Cultures of the World (5)

Music of the Near East, Central Asia, Far East, South and Southeast Asia, Indonesia and the Philippines.

#### 331◆ History of Jazz (3)

Survey of the major periods and styles of jazz, New Orleans jazz to the avant-garde and popular jazz of today. Study of the major characteristics of each style.

## Courses Primarily for Music Educators and Music Majors

### Applied Music (MUSAP)

#### 220◆ MIDI Techniques (2)

June 20-30: A section; July 5-20: B section  
Overview of MIDI (Musical Instrument Digital Interface) technology and practical applications of other technologies in the school environment. Primarily for music education majors. Prerequisite: entry code.

#### 221◆ Secondary MIDI Techniques (2)

July 5-20 A follow-up to MUSAP 220, this course explores further applications in the use of MIDI technology in the school environment. Focuses on editing and performance techniques involving a complex MIDI workstation. Primarily for music education majors. Prerequisite: 220 and entry code.

### Music Education (MUSED)

#### 452◆ Ethnomusicology in the Schools (3)

Issues, teaching materials and techniques involved in incorporating music cultures of the United States and related world music repertoires in K-12 classroom instruction.

#### 453◆ Approaches to Classroom Instruction (3)

Examines such major instructional approaches as MMCP, Orff, Kodaly and Dalcroze. Included are the philosophy of each and the methods, materials and instructional skills needed for classroom application. Prerequisite: 340 or instructor permission.

#### 496◆ Special Topics in Music Education (1-3, max. 10)

##### A. Instrumental Conducting (3)

Emphasis on beat patterns and their expressive modifications, basic rehearsal techniques and score study. Suitable for instrumental conductors of intermediate level. Prerequisite: instructor permission. [Contact the Music Advising Office to register for MUSED 420.]

##### B. Instrumental Rehearsal Techniques (3)

Covers topics such as score preparation, rehearsal formats and essential elements for improving instrumental ensembles. To be taken concurrently with MUSEN 302/502. [Contact the Music Advising Office to register for MUSED 410.]

##### C. Choral Conducting (2)

Overview of choral conducting patterns, score preparation, voice warm up, intonation, tempo fluctuation, left hand, diction, discipline. Designed for music educators.

##### D. Teaching Musicianship I (1)

June 20-23 Designed for music teachers, this course is intended to provide applied experience in sight-singing, error detection and keyboard skills relevant to the teaching of K-12 choral/vocal and instrumental music. Pedagogical techniques and materials for use with young students in school settings are examined. This course provides advanced musicianship for teachers and an understanding of the instrumental techniques by which young students' own musicianship is developed. Prerequisite: instructor permission.

# MUSIC THEORY AND ALL THAT JAZZ

## Elementary Music Theory

(MUSIC 116, 2 credits)

Offered both a and b term

For people with no hands-on music experience. Rudiments of music; notation of time, pitch, small structures (e.g. some scales, chords, rhythmic patterns), some analysis. This course breaks down the formal code in music notation as well as provides a basic understanding of music theory. Traditional Western art music, popular music and some non-Western musical systems are explored to assist non-specialists to learn how to write their own music or play an instrument.

## History of Jazz

(MUSIC 331, 3 credits)

Offered a term

Survey of the major periods and styles of jazz, New Orleans jazz to the avant-garde and popular jazz of today. Studies the main characteristics of each style. This course investigates what binds the diverse musicians and styles together into a coherent tradition called jazz, looking at the history of the music and musicians from the turn of the century to the present. Students explore the roots and branches of one of the world's most influential art forms and its artists, such as Duke Ellington, Charlie Parker, Louis Armstrong and Herbie Hancock.

**E. Removing the Fear of Improvisation (1)**

June 20-23 Exercises designed to provide musicians with little or no improvisation experience with opportunities to become more freely expressive on their instruments or vocally. Techniques are modeled for use by teachers in leading children and adolescents towards the ability to improvise.

**F. A Vision of the Future: Seven Ideas to Drive Music Teaching in the Next Century (1)**

June 27-30 A brief discussion of humanism, aesthetic education, creativity, critical thinking, multiple intelligences, authentic assessment and talent development as applied in music education at all grade levels.

**G. Teaching Musicianship II (1)**

June 27-30 Designed for music teachers, this course is intended to provide applied experience in sight-singing, error detection and keyboard skills relevant to the teaching of K-12 choral/vocal and instrumental music. Pedagogical techniques and materials for use with young students in school settings are examined. This course provides advanced musicianship for teachers and an understanding of the instrumental techniques by which young students' own musicianship is developed. Prerequisite: instructor permission.

**H. Marching Band Techniques (2)**

June 27-July 8 An examination of the contemporary marching band relative to various styles of drill design, arranging and administration. [Contact the Music Advising Office to register for MUSED 405.]

**I. Dalcroze Eurhythmics (1)**

June 27-July 8 The eurhythmics component of a three-week workshop offered through UW Extension. Hours count toward Dalcroze certification.

**J. Personal Computers in Music Education: Using Encore and Finale (1)**

July 5-8 An introduction to the application of selected features of two of the most popular music software programs in current use.

**K. Issues on the National Standards in Music Education (2)**

July 11-14 A discussion of the proposed National Standards and their implication on music education in America. The proposed NAEP testing scheduled for 1996 will also be covered.

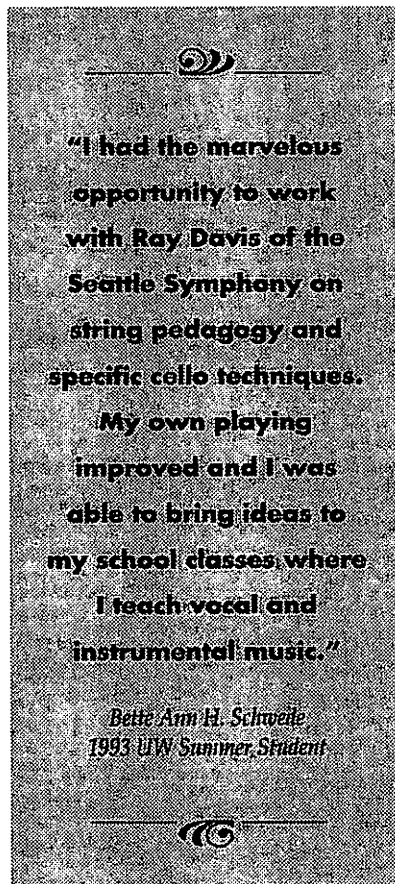
**L. Jazz Literature and Rehearsal Techniques (2)**

July 11-21 For those who wish to maintain playing skills and preview new material from junior high through professional-level jazz en-

semble charts. Styles, techniques, rehearsal and performance skills are discussed and demonstrated. Those who do not play an instrument have the opportunity to sit in the middle of a band and observe how the material is interpreted in each section (saxophone, trumpet, trombone, rhythm).

**M. High School Band Repertoire (1)**

July 18-21 An overview of "cornerstone" band literature for the high school band.



**R. China (1)**

June 20-23 An overview of Chinese musical culture for music and classroom teachers, with attention to songs, stories and instrumental pieces that can be taught and performed by children and adolescents.

**S. Japan (1)**

June 27-30 An overview of Japanese musical culture for music and classroom teachers, with attention to songs, stories and instrumental pieces that can be taught and performed by children and adolescents.

**T. Sub-Saharan Africa (1)**

July 25-28 An overview of Sub-Saharan musical culture for music and classroom teachers, with attention to songs, stories and instrumental pieces that can be taught and performed by children and adolescents.

**496A Special Topics in Music Education (1-3, max. 10)**

**N. High School Choral Repertoire (1)**

July 25-28 An overview of "cornerstone" vocal selections for high school choirs.

**O. Group Vocal Techniques (3)**

July 25-August 12 An approach to warm-ups that emphasizes customizing exercises to fit the style and musical demands of the literature being rehearsed. Students learn to alter common exercises and design their own exercises to improve a group's vocal and musical ability.

**P. Music, Art and Social Studies (1)**

August 1-4 A workshop devoted to cooperative learning; investigate the use of music and the visual arts to enhance social studies and the use of social studies in the music class.

**Q. String Class Pedagogy: Strategies for Building and Maintaining a Strong String Program (2)**

August 15-18 Taught by the internationally acclaimed author of *Strictly Strings*, this workshop emphasizes hands-on string pedagogy (music and instruments are provided). String literature for all grade levels of public school instrumental music is surveyed.

**524A Seminar in Music Education: Music in Early Childhood (3)**

August 8-12 Introduces effective psychological principles, techniques and materials which aid the discovery and maximization of the innate musical potential of children in early childhood. Prerequisite: one year of teaching experience.

**525A Seminar in Music Education: Making Middle School Teaching Exciting and Musical (3)**

August 1-5 Explores the unique learning styles and characteristics of the middle school student. Musical techniques for harnessing the energy and creativity of these students are explored. Techniques for creating an exciting middle school class include cooperative learning, integrated learning, using readily available technology and creative scheduling.

**542A Comparative Music Education (3)**

A transcultural examination of philosophy and practice of music instruction.

**561♦ Seminar in Theories of Music Instruction (3, max. 9)**

Theories of music instruction, with special attention to curriculum, instruction procedures and assessment of learning. Prerequisite: 555 or permission of instructor.

**Music (MUSIC)****366♦ Cylinders to Platters—A Survey of Recorded Music Since 1888 (3)**

Music as reflected through the influences of the recording industry and the development of related technologies. Examines social and artistic impacts that the recording age has brought to American and European music cultures. Recommended 120 and/or 162.

**379 Junior Recital (1)**

For participants in the Bachelor of Music degree program only.

**389, 589 World Music Laboratory (2-3, max. 18)**

The MUSIC 589 sections include private instruction and/or ensemble playing in various world music traditions. Prerequisite: entry code.

**A. Sudanese Gamelan Degung (\*)****B. Sitar (\*)****C. Tabla (\*)****445♦▲ Selected Topics in Ethnomusicology (3, 3)****479 Senior Recital (1)****523▲ Seminar in Music and Socialization (3, max. 9)**

The socialization process and music, including the interaction whereby music culture is learned. Prerequisite: 345 or 545 or permission of instructor.

**559 Master's Recital (3)**

Public performance for students in the Master of Music degree program.

**583♦ Advanced Choral Conducting (3)**

Conducting patterns, score preparation, voice warm up and intonation, tempo fluctuation, left hand, diction, discipline. Designed for the experienced choral conductor.

**590 Doctoral Recital (\*)****599♦ Advanced Selected Topics (1-3, max. 27)****A. Contemporary Issues in Music Education (1-3)**

Focuses on reviews of literature on psychological and sociological aspects of music education. Appropriate for master's students seeking guidance in preparation of topics for examination. Contact the Music Advising Office to register for MUSED 560.

**B. Introduction to Applied Research in Music Education (3)**

Introduction to methodology used in descriptive, historical and experimental research in music education. Focuses on skills necessary to critique research and explore methods for conducting applied research. Contact the Music Advising Office to register for MUSED 501.

**C. Advanced Selected Topics in Computer Music (3)**

Covers Phase Vocoder and techniques for processing sampled sounds. Uses a variety of software on the NeXT computer and the IRCAM Signal Processing Workstation, a powerful device for real-time computer music. Prerequisite: 402 or permission of the instructor.

**D. Music Therapy: Psychological and Physiological Foundations I (3)**

Examines the research on cognitive, affective and physiological responses to music and how music may be used in a therapeutic environment. Class consists of lecture and participatory demonstrations. The course is aimed at the clinician or educator who would like to explore how music therapy might be used in their domain. Prerequisite: entry code.

**599▲ Advanced Selected Topics (1-3, max. 27)****E. Contemporary Issues in Music Education (1-3)**

Focuses on reviews of literature on psychological and sociological aspects of music education. Appropriate for master's students seeking guidance in preparation of topics for examination. Contact the Music Advising Office to register for MUSED 560.

**F. Music Therapy: Psychological and Physiological Foundations II (3)**

Examines the research on cognitive, affective and physiological responses to music and how music may be used in a therapeutic environment. Class consists of lecture and participatory demonstrations. The course is aimed at the clinician or educator who would like to explore how music therapy might be used in their domain. Prerequisite: entry code.

**G. Advanced Selected Topics in Real-time Computer Music Systems (3)**

The NeXT and Macintosh computer systems in the School of Music Computer Center. Students use specialized software such as the MAX real-time object-oriented music language with synthesizers and the ISPW, a powerful music workstation board in a NeXT computer. Issues such as live performance with computers are demonstrated and discussed with guest professional composers and musicians. Prerequisite: permission of the instructor.

**H. Administration and Supervision in Music Education (3)**

Survey of issues in policy and systems for various aspects of the total music program. Focuses on evaluating and improving existing programs; includes supervision of student teachers. Contact the Music Advising Office to register for MUSED 530.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Ensemble Courses and Applied Music (MUSEN)**

This summer private instruction in French horn, clarinet, trumpet, violin, piano and voice are offered. Admission to these courses is by audition before the appropriate faculty. An additional fee of \$60 is charged for private instruction. Entry codes are required.

The following ensemble courses are offered for those possessing at least an intermediate level of musicianship. Contact the School of Music Advising Office or instructor for guidance. Entry codes are not required.

**300, 500 University Symphony Orchestra (1)****302♦ 502♦ Symphonic Band (1)****350▲ 550▲ University Chorale (1) D****Near Eastern Languages and Civilization**

229 Denny Hall, DH-20  
Telephone: 543-6033  
FAX: (206) 685-7936

Near Eastern Languages and Civilization courses are offered in:

- Arabic
- Hebrew
- Kazakh
- Kirghiz
- Tajik
- Uzbek
- Near Eastern Courses in English

The Department of Near Eastern Languages and Civilization is offering intensive language study in Arabic, Hebrew, Kazakh, Kirghiz, Tajik and Uzbek languages, enabling a student to complete one year of the language during Summer Quarter. Uzbek, Kazakh, Kirghiz and Tajik are partially funded by grants. Students interested in receiving information about fellowships for Uzbek, Kazakh, Kirghiz and Tajik should contact the department.

**Arabic (ARAB)**

**315 Intensive Elementary Arabic (15)**

Intensive study of grammar, with oral and written drill and reading of selected texts. Allows students to complete the first year of standard Arabic during Summer Quarter. No credit if ARAB 311, 312, 313 taken.

**470 Intensive Arabic Morphology and Syntax (15)**

Designed to allow graduate students to complete the first year of Arabic during Summer Quarter. Intensive study of grammar, oral and written drill, and readings of selected texts. Prerequisite: graduate standing.

**Hebrew (HEBR)**

**315 Intensive Elementary Modern Hebrew (15)**

Intensive study of grammar, with oral and written drill and reading of selected texts. Modern Israeli Hebrew. Core vocabulary, grammar, conversational text, and oral and written communication. Excerpts from modern Hebrew prose and poetry. Allows students to complete the first year of Hebrew during Summer Quarter. No credit if HEBR 311, 312, 313 taken.

**470 Intensive Hebrew Morphology and Syntax (15)**

Designed to allow graduate students to complete the first year of Hebrew during Summer Quarter. Intensive study of grammar, oral and written drill, and reading of selected texts. Modern Israeli Hebrew. Core vocabulary, grammar, conversational text, and oral and written communication. Excerpts from modern Hebrew prose and poetry. No credit if HEBR 471, 472, 473 taken. Prerequisite: graduate standing.

**Kazakh (TKIC)**

**317 Intensive Elementary Kazakh (15)**

Intensive study of grammar, with oral and written drill, and reading of selected texts. Allows students to complete the first year of modern literary Kazakh during Summer Quarter. No credit if 304, 305, 306 taken.

**427 Intensive Intermediate Kazakh (15)**

Readings of selected texts in modern literary Kazakh with continuing emphasis on grammar and syntax. Allows undergraduate and graduate students to complete second year Kazakh during Summer Quarter. Prerequisite: 317.

**477 Intensive Kazakh Morphology and Syntax (15)**

Designed to allow graduate students to complete the first year of modern literary Kazakh during Summer Quarter. Intensive study of grammar, oral and written drill, and readings of selected texts. Prerequisite: graduate standing.

**Kirghiz (TKIC)**

**479 Intensive Elementary Kirghiz (15)**

Intensive study of grammar, with oral and written drill and reading of selected texts. Allows undergraduate or graduate students to complete the first year of Kirghiz instruction during Summer Quarter.

**Tajik (PRSAN)**

**470 Intensive Elementary Tajik (15)**

Modern literary Tajik. Intensive study of grammar, with oral and written drill and reading of selected texts. Allows undergraduate or graduate students to complete the first year of Tajik during Summer Quarter.

**Uzbek (TKIC)**

**316 Intensive Elementary Uzbek (15)**

Intensive study of grammar, with oral and written drill and reading of selected texts. Allows student to complete the first year of modern literary Uzbek during Summer Quarter. No credit if 301, 302, 303 taken.

**426 Intensive Intermediate Uzbek (15)**

Readings of selected texts in modern literary Uzbek, with continuing emphasis on grammar and syntax. Allows undergraduate and graduate students to complete second year Uzbek during Summer Quarter. Prerequisite: 303 or 316. No credit if 405, 406, 407 taken.

**478 Intensive Uzbek Morphology and Syntax (15)**

Designed to allow graduate students to complete the first year of modern literary Uzbek during Summer Quarter. Intensive study of grammar, oral and written drill, and readings of selected texts. Prerequisite: graduate standing.

**Near Eastern Courses in English (N E)**

**240▲ Introduction to the Bible (Old Testament) (5)**

Introduction to the Hebrew Bible in English. Results of modern critical studies on the Bible and the ancient Near-East. Concentrates on the meaning of Biblical records in their own time and environment. Joint with RELIG 240.

**496, 596 Special Studies in Near Eastern Languages and Civilization (3-5, max. 15)**

**A. Rewriting Central Asian History (3)**

Offered as part of Central Asian Languages Summer Program's cultural component. About seven speakers from Central Asia discuss, together with American scholars, major historical events of Central Asia, during 74 years under the Soviets, from the new perspective of independent rule. Prerequisite: graduate standing for N E 596.

**Courses by special arrangement**

*Supervised Study, Independent Study or Research*

**Philosophy (PHIL)**

345 Savery Hall, DK-50  
Telephone: 543-5855

The Department of Philosophy offers a wide range of courses designed to introduce students to various aspects of philosophical thought. This summer's courses are concerned with the clarification of philosophical issues that arise in considering reasoning, epistemology, morality, law, literature, art and religion.

**100 Introduction to Philosophy (5)**

Major philosophical questions relating to such matters as ethics, the existence of God, the foundations of knowledge and the nature of reality. Problems studied and works read vary.

**102 Contemporary Moral Problems (5)**

Philosophical consideration of some of the main moral problems of modern society and civilization, such as abortion, euthanasia, capital punishment, obligation to the poor and reverse discrimination. Topics vary.

**114 Philosophical Issues in the Law (5)**

Analysis and critical assessment of various philosophical issues in law and legal reasoning. Material drawn from actual law cases, as well as writings by contemporary philosophers of law and lawyers. Topics include legal realism, enforcement of morals and criminal responsibility. Special legal or philosophical training not required.

**115 Practical Reasoning (5)**

Introduction to logic emphasizing concepts and methods useful for practical analysis of arguments in everyday contexts. Meaning; syllogisms; logical diagrams; inductive and statistical inference; informal fallacies; argument structure; perhaps some beginning symbolic logic. A wide variety of examples, including logical puzzles, is considered.

**120 Introduction to Logic (5)**

Elementary symbolic logic. The development, application and theoretical properties of an artificial symbolic language designed to provide a clear representation of the logical structure of deductive arguments.

**160 Historical Introduction to the Philosophy of Science (5)**

Study of how scientific theories are justified and why they are accepted, using selected examples from the history of science.

**240♦ Introduction to Ethics (5)**

Critical study of some typical views of the basis and presuppositions of morality and of moral knowledge. Consideration of such topics as ethical relativism vs. ethical objectivism, ethical egoism, utilitarianism, Kantian ethics and virtue ethics.

**267 Introduction to Philosophy of Religion (5)**

Study of religious thought. Examination of the problem of evil, atheism and theism, and of the relationship between religion and morality, the significance of religious experience and life after death.

**347♦ Philosophy in Literature (5)**

Study of philosophical ideas expressed in works of literature. Focuses on Heidegger's conception of philosophy and some incitements to philosophical reflection to be found in the works of Rilke and Kafka.

**350 Introduction to Epistemology (4)**

Theory of knowledge. Nature, definition and possibility of knowledge. Problems about our knowledge of the external world, the past, other minds, mathematics. Prerequisite: two previous courses in philosophy.

**363 Introduction to the Philosophy of Mind (5)**

Various theories of the nature of mind, the relationship between mind and body, the self, memory, the unconscious, introspection and knowledge of other minds. Recommended: one course in philosophy.

**440♦ Ethics (3)**

Critical examination of the concepts and judgments of value, including an analytical treatment of the notions of good and bad, right and wrong, and obligation. Recommended: 240.

**445♦ Philosophy of Art (5)**

Critical examination of various accounts of the nature of art, artistic activity, the esthetic experience. The philosophy of criticism, the role of the critic, and problems in interpretation and evaluation of works of art.

**484 Reading in Philosophy (1-5, max. 15)**

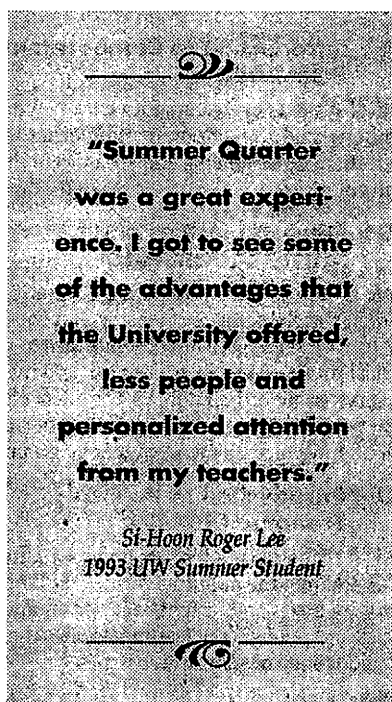
Reading of approved philosophical works. Prerequisites: permission of instructor and entry code.

**584 Reading in Philosophy (1-4, max. 12)**

Intensive reading in philosophical literature. The name of the staff member with whom research will be done *must* be indicated when registering. Prerequisite: entry code.

**Courses by special arrangement**

*Independent Study or Research, Doctoral Dissertation*



**Physics (PHYS)**

215 Physics Hall, FM-15  
Telephone: 543-2772

**110 Liberal Arts Physics (5)**

The scientific revolution of the seventeenth century, the conceptual development of classical mechanics and the Newtonian world picture. Primarily for students in the arts, humanities and social sciences.

**114 General Physics (4)**

Mechanics and sound. Basic principles of physics presented without use of college-level mathematics. Suitable for students majoring in technically oriented fields other than engineering or the physical sciences. Concurrent registration in

117 strongly recommended. Prerequisites: working knowledge of algebra and trigonometry, and one year of high school physics.

**115 General Physics (4)**

Heat and electromagnetism. Concurrent registration in 118 strongly recommended. Prerequisite: 114.

**116 General Physics (4)**

Light and modern physics. Concurrent registration in 119 strongly recommended. Prerequisite: 115.

**117 General Physics Laboratory (1)**

Mechanics laboratory, to be taken concurrently with 114 or 121. CR/NC only.

**118 General Physics Laboratory (1)**

Heat and electromagnetism laboratory, to be taken concurrently with 115 or 122. CR/NC only.

**119 General Physics Laboratory (1)**

Sound, light, and modern physics laboratory, to be taken concurrently with 116 or 123. CR/NC only.

**121 Mechanics (4)**

Basic principles of mechanics. Concurrent registration in 131 required. Prerequisites: one year of high school physics or permission, concurrent or previous MATH 124 or 135.

**122 Electromagnetism and Oscillatory Motion (4)**

Basic principles of electromagnetism, the mechanics of oscillatory motion. Concurrent registration in 132 required. Prerequisites: 121, concurrent or previous MATH 125 or 135.

**123 Waves (4)**

Electromagnetic waves, optics and waves in matter. Concurrent registration in 133 required. Prerequisites: 122, concurrent or previous MATH 126 or 136.

**131 Experimental Physics (1)**

Experimental topics in physics for science and engineering majors. Prerequisite: concurrent or previous 121.

**132 Experimental Physics (1)**

Experimental topics in physics for science and engineering majors. Prerequisite: concurrent or previous 122.

**133 Experimental Physics (1)**

Experimental topics in physics for science and engineering majors. Prerequisite: concurrent or previous 123.

**224 Thermal Physics (3)**

Introduction to heat, thermodynamics, elementary kinetic theory and the physics of continuous media. Prerequisites: 122, concurrent or previous MATH 126 or 136.

**225 Modern Physics (3)**

Special theory of relativity: phenomena of modern physics with emphasis on photons, electrons and atoms; introduction to quantum physics. Prerequisites: 123, concurrent or previous MATH 126 or 136.

**401 Special Problems (\*)**

Supervised individual study. Prerequisite: entry code.

**427 Applications of Physics (3)**

Current applications of physics to problems in the sciences and technology.

**434 Application of Computers to Physical Measurement (3)**

Laboratory giving specific instruction and experience in interfacing a minicomputer to laboratory equipment. Prerequisites: junior standing and entry code.

**Courses by special arrangement**

*Independent Study or Research, Doctoral Dissertation*

**Political Science (POL S)**

101 Gowen Hall, DO-30  
Telephone: 543-1824, 543-2780

To meet the needs and interests of both continuing and visiting students, the Department of Political Science offers a varied selection of summer classes. Introductory and advanced courses are offered in political theory, American politics, international relations and comparative politics.

This summer's offerings in international relations and comparative politics include American foreign policy, the Arab-Israeli conflict, and world and European politics. Political theory courses are offered on feminist politics and American political thought. American politics topics include civil liberty, American constitutional law, environmental and public policy and American city politics.

Through the department's affiliation with The Washington Center in Washington, D.C., continuing students can apply for a 15-credit summer internship program in the nation's capital. Information about the program is available in the Political Science Advising Offices, Gowen 115 and 107. The application closing date for summer participants in the internship program is March 1.

**101 Introduction to Politics (5)**

Political problems that affect our lives and shape the world around us. Recommended for nonmajors, for students who are thinking about political science as a major, and for political science majors who have not decided on an area of specialization.

**201 Introduction to Political Theory (5)**

Philosophical bases of politics and political activity. Introduction to the study of politics by the reading of a few books in political philosophy. Organized around key concepts: liberty, equality, justice, authority, rights and citizenship.

**202♦ Introduction to American Politics (5)**

Institutions and politics in the American political system. Ways of thinking about how significant problems, crises, and conflicts of American society are resolved politically.

**203 Introduction to International Relations (5)**

The world community, its politics and government.

**204 Introduction to Comparative Politics (5)**

Political systems in a comparative framework. Traditional and contemporary approaches to the study of governments and societies in different countries.

**210♦ Ethnic Minorities and American Politics (5)**

Ethnic groups in American politics, minorities in urban society, sources of tension and frustration, historical relationship of minorities to the political process, protest as political activity, urban services and urban politics, the effect of national politics and policies on urban minorities. Each offering focuses on one minority group.

**270 Introduction to Political Economy (5)**

Political economy as a tool for understanding and evaluating the political world. Combines theory, methods and insights derived from economics and political science and applies them to a wide range of substantive issues.

**303W Public Policy Formation in the United States (5)**

Policy decision making with emphasis on: how issues arise, the way they become part of the policy agenda of the executive and the legislature, how these institutions organize to handle the policy issues, and the roles of the legislature, the executive and the bureaucracy. Public policy literature and familiarization with key aspects of policy decision making at the national, state and local levels.

**305 The Politics of Mass Communication (5)**

Role of mass audiences in politics from the standpoint of the communication strategies used to shape their political involvement. Topics include: social structure and political participation, political propaganda and persuasion, the political uses of public opinion, and the mass media and politics.

**313W Women in Politics (5)**

Political theory, historical and contemporary, including writings of the women's liberation movements on the political role of women in society. Empirical studies of the "apolitical" woman, and on the process of political socialization in various cultural contexts. Joint with WOMEN 313. Prerequisite: WOMEN 200 or political science course.

**318♦ American Political Thought I (5)**

Major thinkers and themes in American political and cultural development from Puritan origins to the Civil War.

**321♦ American Foreign Policy (5)**

Constitutional framework; major factors in formulation and execution of policy; policies as modified by recent developments; the principal policymakers—President, Congress, political parties, pressure groups and public opinion. Recommended: 101 or 202.

**324 Europe in World Politics (5)**

Independent and coordinated efforts of Britain, France and West Germany to adapt to the post-World War II global system. Creation and development of the Atlantic alliance. Relations with the Soviet bloc. Decolonization and the evolution of relations with the Third World. The movement for European integration. Prerequisite: 203 or equivalent.

**346 Governments of Western Europe (5)**

Modern government and politics of Great Britain, France, Germany and Italy.

**356 Society and Politics (5)**

Focus on the causes of political change in democratic countries, including public opinion, social movements, interest group activity and party organization. Joint with SOC 356.

**360 Introduction to United States Constitutional Law (5)**

Growth and development of constitutionally guaranteed private rights, with particular reference to the period since 1937.

**407 International Conflict (5)**

Many forms of international conflict, including global wars, local wars, anti-regime wars, military interventions and international crises. Several political, social and anthropological explanations for conflicts and examination of alternative world futures.

**441 Government and Politics of the Soviet Union (5)**

Ideological and historical bases of Soviet politics, Leninism-Stalinism, Communist Party structure and functions, administrative agencies, the police and military, law and the judiciary. Soviet federalism and national policy.

**447 Comparative Politics Seminar (5, max. 10)**

Selected comparative political problems, political institutions, processes and issues in comparative perspective. Strongly recommended: 204.

**449 Politics of Developing Areas (5)**

Comparative study of problems of national integration and political development in the new states of Asia and Africa. Prerequisite: junior standing.

**481 Big City Politics (5)**

Contemporary big city politics, focusing on Seattle and the largest 25 cities. Social, economic and the political trends that have shaped characteristics of large American cities. Distribution and use of economic and political power among parties and groups. Future of large cities and politics of change. Recommended: 202.

**Courses by special arrangement**

*Undergraduate Internship, Individual Conference and Research, Independent Study or Research, Independent Writing, Master's Thesis, Doctoral Dissertation*

**Psychology (PSYCH)**

119 Guthrie Hall, NI-25  
Telephone: 543-2640

**101 Psychology as a Social Science (5)**

Examines behavior from a social science viewpoint. Emphasizes human social behavior and influence, personality, learning, behavior disorders and treatment. Includes related aspects of cognition, states of consciousness, motivation and emotion, perception, development, biological influences and research.

**102 Psychology as a Natural Science (5)**

Behavior from a biological-science viewpoint. Emphasizes sensation and perception, brain and behavior, evolution and animal behavior. Includes related aspects of cognition, behavior disorders, states of awareness, motivation and emotion, learning, development and research methods.

**200 Comparative Animal Behavior (5)**

Research methods and findings of comparative animal behavior and their importance to an understanding of human behavior; rationale for study of behavioral differences and similarities between animal species; behavior viewed as part of the adaptation of each species to its natural habitat. Prerequisite: 102 or BIOL 210.

**205 Introduction to Personality and Individual Differences (4)**

Basic concepts, methods and background for more intensive study. Prerequisite: 101 or 102, or equivalent.

**209 Fundamentals of Psychological Research (4)**

Psychological research methodology and techniques. Topics include the logic of hypothesis testing, experimental design, research strategies and techniques, fundamentals of scientific writing, and ethical issues in psychological research. Required for all psychology majors. Prerequisite: 101 or 102, or equivalent.

**210 Introduction to Human Sexuality (4)**

Broad survey of biological, psychological and social determinants of human sexuality and sexual behavior. Topics include cultural diversity, sexual development (physical and psychological), sexual health, reproduction (pregnancy, contraception, abortion), development of gender and orientation, adult sexual bonding, sexual abuse and assault.

**213 Elementary Psychological Statistics (6)**

Applied statistics in psychology. Data, probability theory, stating and testing hypotheses in psychology. More commonly used inference tests. Required for majors in the psychology Bachelor of Arts program. Prerequisites: 209 and 1½ years of high school algebra, or permission of instructor.

**222 Survey of Physiological Psychology (3)**

The nervous system and how it works. Learning, memory, sleep, the senses and the emotions. For students who do not intend to specialize in physiological psychology. Prerequisite: major standing in biological sciences or either 101 or 102.

**231W Laboratory in Human Performance (3)**

Selected aspects of human learning, perception and performance. Prerequisites: 209, and 213 or 217.

**232W Laboratory in Animal Learning (3)**

Selected aspects of animal learning emphasizing operant techniques with the rat. Prerequisite: 209.

**233W Laboratory in Animal Behavior (5)**

Experience with a variety of animal species and experimental procedures and instrumentation. Prerequisites: 101 or 102, 209, and 200 or BIOL 202, or equivalents.

**240 Behavior Modification (4)**

A survey of behavior modification application for students who plan careers in human services. A behavioral approach and associated research is presented on such topics as sexual dysfunction, stress, athletic performance, phobias and anxieties, depression, marital discord, weight control, energy conservation, pollution, health, addictions, interpersonal relationships, creativity, industrial safety. Prerequisite: introductory psychology.

**257 Psychology of Sex Differences (5)**

Major psychological theories of sex-role development; biological and environmental influences that determine and maintain sex differences and behavior; roles in children, sex differences in aggression, cognitive abilities, achievement motivation, affiliation and sexuality. Joint with WOMEN 257. Recommended: 101 or 102.

**305 Abnormal Psychology (5)**

An overview of major categories of psychopathology, including description and classification, theoretical models and recent research on etiology and treatment. Prerequisite: 10 credits in psychology including 101 or 102, or equivalent.

**306 Developmental Psychology (5)**

Analysis of child development in relation to biological, physical and social interaction conditions from infancy to adolescence. Prerequisite: 101 or 102, or equivalent.

**322 Introduction to Drugs and Behavior (3)**

Basic concepts of drug action emphasizing the behavioral consequences of the intake of a variety of drugs. Prerequisite: 222.

**345 Social Psychology (5)**

Effects of the social environment upon the formation of individual attitudes, values and beliefs, and upon individual and group behavior; major theoretical approaches; field and experimental research findings. Prerequisite: 101 or 102, or equivalent.

**355 Survey of Cognitive Psychology (5)**

Current theory and research in perception, attention, memory and learning; attitudes, thinking and decision making, and language. For student who wishes a survey or who intends additional work in any of the above content areas. Prerequisite: introductory psychology course.

**357 Psychobiology of Women (5)**

Physiological and psychological aspects of women's lives; determinants of biological sex; physiological and psychological events of puberty and menopause; sexuality; contraception,

pregnancy, childbirth and lactation; role of culture in determining psychological response to physiological events. Joint with WOMEN 357. Prerequisite: 101 or 102 or 257, or WOMEN 200 or 257.

**410 Child and Adolescent Behavior Disorders (5)**

Introduction to psychopathology in children and adolescents, and an overview of principal modes of intervention. Particularly for students interested in advanced work in clinical psychology, social work, or special education. Prerequisites: 305, 306 or equivalents.

**414W Cognitive Development (5)**

Structural and information-processing approaches to cognitive and language development from infancy through adolescence. Object permanence, language development, imitation, logical reasoning, moral development, intelligence and educational implications. Prerequisite: 306.

**417W Human Behavior as a Natural Science (5)**

Evolution of human social behavior and the adaptive significance of communication systems from a sociobiological and anthropological perspective. Prerequisite: 102 or an introductory zoology or anthropology course.

**419W Behavioral Studies of Zoo Animals (4, max. 8)**

Observational studies of behavior of zoo animals to expand basic knowledge of animal behavior and research methodology with discussions and tours focusing on zoo philosophy operations. Offered in cooperation with Woodland Park Zoo. Recommended: 200; or 231, 232, 233; or 361; or equivalent.

**421 Neural Basis of Behavior (5)**

Anatomical and physiological principles and resultant behavior involved in the integrative action of the nervous system. Prerequisite: 101 or 102, or 10 credits in biology or zoology.

**437 Human Performance Enhancement (3)**

Applications of psychological theories, research and intervention strategies to performance enhancement in a variety of life settings. Self-regulation models and techniques; stress and emotional control; attention control and time management; goal setting; memory enhancement; communication and interpersonal conflict resolution. Participation in various psychological training procedures. Prerequisite: 101 or 102.

**448 Seminar in Psychology: Attachment Theory (3)**

**A. Human Eating and Its Disorders (3)**

**449 Organizational and Industrial Psychology (3)**

Research and methods in industrial-social psychology; application of social psychology to the understanding and management of individuals in large organizations and their subunits. Prerequisite: one course in elementary statistics or equivalent.

**451 Health Psychology (5)**

Overview of the psychological and behavioral factors in health and disease. Includes research on both psychological causes and treatments. Topics include stress, risky behaviors, patient-provider interactions, pain, behavioral/medical treatments and lifestyle interventions. Prerequisites: 101 or 102 or equivalent, 209 and one course from 205, 222, 305 or 345.

**490 Stress Management (3)**

Nature of stress. Physiological responses to stress and relaxation. Techniques of stress management with training in relaxation, biofeedback, meditation, cognitive restructuring, exercise, nutrition, interpersonal communication skills and time management. Prerequisites: 101 and 102 or equivalent. CR/NC

**498 Readings in Psychology (1-3, max. 18)**

Prerequisite: entry code. Section A is graded; Section B is CR/NC only.

**560 Seminar (\*)**

**A. Analyzing Multivariate Data (3)**

Offered for graduate students only. Prerequisite: 513 and 514 or equivalent.

**B. Neuropsychology (2)**

Offered for graduate students only, or by permission of instructor. CR/NC only.

**C. Biobehavioral Instrumentation (3)**

Offered for graduate students in behavioral social or biomedical sciences only. CR/NC only.

**586 Clinical Personality Assessment (3)**

Use of objective personality inventories in the description of normal and abnormal personality and use of such information in case conceptualization and treatment planning. Minnesota Multiphasic Personality Inventory, Millon Clinical Multiaxial Inventory. Prerequisite: clinical psychology graduate standing.

**593 Clinic Practicum (1-6, max. 24)**

Required of all clinical psychology graduate students seeing clients in the clinic. Clinical colloquium required of all second-year students, optional for others. Limited to clinical psychology graduate students.

**597 Field Work in Clinical Psychology (1-5, max. 36)**

Section A is graded; Section B is CR/NC only.

**599 Readings in Psychology (\*)**

Selected topics. Prerequisite: permission of a supervising psychology faculty member. Section A is graded; section B is CR/NC only.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Quantitative Science**

See Interschool or Intercollege Programs, page 61.

**Romance Languages and Literature**

C104 Padelford Hall, GN-60  
Telephone: 543-2020

Romance Languages and Literature courses are offered in:

- Romance Literature
- French
- Italian
- Spanish

Courses at the elementary, intermediate and advanced levels are offered in both French and Spanish and at the elementary level in Italian.

Students who have high school language background only, including nonmatriculated students enrolling for summer only, should see an Arts and Sciences adviser or the department adviser prior to registration. Students who have taken French or Spanish language study at the college level may register for first- or second-year language courses subject to fulfillment of prerequisites.

**Romance Literature (ROMAN)**

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*



**French (FREN)****101 Elementary (5)**

Methods and objectives are primarily oral-aural. Oral practice in the language laboratory required.

**101♦ 102▲ Elementary (5,5)**

Intensive. Methods and objectives are primarily oral-aural. Oral practice in the language laboratory is required. Students are advised not to register for more than three additional credits each term. Prerequisite for 102: 101 or college equivalent, or placement.

**103♦ Elementary (5)**

Methods and objectives are primarily oral-aural. Oral practice in the language laboratory is required. Prerequisite: 102 or equivalent, or placement.

**134 French in Action (15)**

Equivalent of 121, 122, 123. Not open for credit to students who have taken 121, 122, 123, or 101, 102, 103. (Offered Summer Quarter only.)

*This "total immersion" approach covers the equivalent of the first year of elementary French in nine weeks. Following the highly successful and engaging video-based French in Action series developed by Yale University's Pierre Capretz, students learn French in the context of real-life situations and settings in France. This method takes full advantage of educational technology, incorporating audio-visual materials for aural-oral learning and Computer-Aided Instruction (C.A.I.) to supplement written practice. (In order to fulfill UW language requirements for this course, the student must complete a proficiency exam administered by the University upon completion of the course.)*

**201♦ Intermediate (5)**

Intensive. Systematic review of French grammar. Intensive practice in writing and conversation. Readings in literature, culture and the sciences. Prerequisite: 103 or college equivalent, or placement.

**202▲ Intermediate (5)**

Systematic review of French grammar. Intensive practice in writing and conversation. Readings in literature, culture and the sciences. Prerequisite: 201 or college equivalent or placement.

**203♦ Intermediate (5)**

Systematic review of French grammar. Intensive practice in writing and conversation. Readings in literature, culture and the sciences. Prerequisite: 202 or college equivalent or placement.

**301W♦ Advanced French (5)**

Prerequisite: 203 or college equivalent, or placement.

**302W▲ Advanced French (5)**

Prerequisite: 301 or college equivalent, or placement.

**406▲ Advanced French Grammar (5)**

Problems of French grammar. Differences between forms and structures of French and English. Problems of effective teaching of French. For students with at least three years of college French and for beginning teaching assistants. Prerequisite: 301, 302, 202; and permission of instructor.

**427 Fiction: Twentieth Century (5)**

Prerequisites: 303, 304, 305, 306, 350, 351 and 352.

**Courses by special arrangement**

*Independent Study or Research, Special Topics, Special Seminar and Conference, Supervised Study*

**Italian (ITAL)****101♦ 102▲ Elementary (5,5)**

Intensive. Methods and objectives are primarily oral-aural. Language laboratory required. Students are advised not to register for more than three additional credits each term. Prerequisite for 102: 101 or college equivalent, or placement.

**Courses by special arrangement**

*Special Topics, Special Seminar and Conference, Independent Study or Research, Supervised Study*

**Spanish (SPAN)****101♦ 102▲ Elementary (5,5)**

Intensive. Students are advised not to register for more than three additional credits each term. Prerequisite for 102: 101 or college equivalent, or placement.

**103♦ Elementary (5)**

Methods and objectives are primarily oral-aural. Language laboratory is required. Prerequisite: 102 or college equivalent or placement for 103.

**134 Intensive First-Year Spanish (15)**

Equivalent of 121, 122, 123. Not open for credit to students who have taken 121, 122, 123 or 101, 102, 103. (Offered Summer Quarter only.)

*This "planned immersion" approach covers the equivalent of the first year of elementary Spanish (101, 102, 103) through an alternative method, essentially similar to the one developed by Yale University's Pierre Capretz for French. It is an approach in which students learn the foreign language in its cultural context. Through use of video as the central medium of presentation, students experience the language as it occurs in real-life situations and settings throughout the Spanish-speaking world. This inductive method follows the premise that the four language skills are most effectively developed when acquired in a specific order: listening, speaking, reading, writing.*

**201♦ 202▲ Intermediate (5,5)**

Intensive practice in speaking, reading and writing. Systematic review of Spanish grammar. Oral practice based on selected pieces of Spanish literature. Students are advised not to register for more than three additional credits each term. Prerequisite for 201: 103 or college equivalent, or placement; for 202: 201 or college equivalent, or placement.

**203♦ Intermediate (5)**

Intensive practice in speaking, reading and writing. Review of Spanish grammar. Oral practice based on selected pieces of Spanish literature. Prerequisite: 202 or college equivalent, or placement for 203.

**INTENSIVE LANGUAGE COURSES**

*Earn up to a year's worth of language credit in nine weeks*

Intensive summer language courses are offered in the following languages:

- Arabic
- Bengali
- Chinese
- French
- German
- Greek
- Hebrew
- Hindi
- Italian
- Japanese
- Kazakh
- Kirghiz
- Korean
- Latin
- Lithuanian
- Polish
- Russian
- Spanish
- Swahili
- Swedish
- Tajik
- Uzbek

**301◆ Advanced (3)**

Prerequisite: 203 for 301.

**491◆▲ Individual Authors and Special Topics in Spanish Literature (5, max. 10)**

**A. Latin American Cities and Literature Representation (5)**

Focus on an individual Spanish author or a special problem in Spanish literature. Prerequisites: 303, 321 and one 300-level course above 303.

**Courses by special arrangement**

*Special Topics, Special Seminar and Conference, Independent Study or Research, Supervised Study*

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**Scandinavian Languages and Literature**

318 Raitt Hall, DL-20  
Telephone: 543-0645

Scandinavian Languages and Literature courses are classified as:

- Lithuanian
- Scandinavian Courses in English
- Scandinavian
- Swedish

The Scandinavian Summer Institute offers intensive Lithuanian and Swedish during a and b terms. Two courses in English are also offered: *Introduction to Folklore (200)* and *Masterpieces of Scandinavian Literature (312)*.

Students interested in summer programs in Norway and Denmark may contact the Office of International Programs and Exchanges, 516 Schmitz Hall, PA-10, 543-9272.

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**Lithuanian (LITH)**

**150 Intensive First-Year Lithuanian (15)**

Fundamentals of oral and written Lithuanian. Intensive practice in speaking, reading and writing. Interactive classroom, computer-assisted learning, language and reading laboratories.

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**Scandinavian Courses in English (SCAND)**

**230 Introduction to Folklore (3)**

Comprehensive overview of the field of folkloristics, focusing on verbal genres, customs, belief and material culture. Examples drawn from both the United States and Scandinavia to reflect the current diversity in the field. Particular attention to the issues of community, identity and ethnicity. This summer only, special emphasis will be placed on the folklore of the Baltic. Joint with C LIT 230.

**312 Masterpieces of Scandinavian Literature (3)**

Major works of Scandinavian literature by selected authors.

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**Scandinavian (SCAND)**

**Course by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

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**Swedish (SWED)**

**150 Intensive First-Year Swedish (15)**

Fundamentals of oral and written Swedish. Intensive practice in speaking, reading and writing. Interactive classroom, computer-assisted learning, language and reading laboratories. Emphasis on contemporary Swedish culture and society.

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**Slavic Languages and Literature (SLAVC)**

M253 Smith Hall, DP-32  
Telephone: 543-6848

Slavic Languages and Literature courses are offered in:

- Polish
- Russian
- Slavic (Directed Study or Research)

The Department of Slavic Languages and Literature offers intensive Russian at all levels (first-through fourth-year), and intensive advanced Polish. The department sponsors the Russian House, where students live in a Russian-speaking environment. Applications for the Russian House are available from the department.

For information on the Russian Language Program in St. Petersburg (for selected participants only), contact the Office of International Programs and Exchanges, 516 Schmitz Hall, PA-10, 543-9272.

**Courses by special arrangement**

*Independent Study or Research, Doctoral Dissertation*

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**Polish (POLSH)**

**404, 405, 406 Advanced Polish (5,5,5)**

Emphasis on increasing vocabulary and speaking ability. Advanced grammar and grammar review. Extensive oral, writing and reading practice. Readings include short stories, newspaper articles, simple technical texts. Prerequisite: 403 or permission of instructor.

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**Russian (RUSS)**

Placement policy: While students may enroll for whatever language level seems appropriate, final placement in a language course is determined by their score on a diagnostic test administered at the beginning of the quarter. The Russian Program reserves the right to place students in a higher or lower course, according to the test results.

*Credit note: Credit is not allowed for overlapping courses in two sequences (e.g., a student may receive a maximum of 15 credits for 101, 102, 103 and 150). Credit is allowed for courses in different sequences, though, if the courses are taken in progressively more advanced order (e.g., 150 followed by 201).*

**150 Intensive First-Year Russian (15)**

Equivalent to 101, 102, 103 in one quarter. Emphasis is on developing proficiency in all language skills. The intensive approach allows for rapid development of proficiency. See credit note above.

**250 Intensive Second-Year Russian (15)**

Equivalent to 201, 202, 203 in one quarter. Covers all the basic grammar of Russian. Extensive written and oral practice. Prerequisite: 103, 150, or permission of instructor. See credit note above.

**350 Intensive Third-Year Russian (15)**

Equivalent to 301, 302, 303 in one quarter. Recommended for those who want an intensive grammar review and to increase their facility in contemporary written and spoken Russian significantly. Prerequisite: 201, 250, or permission of instructor. See credit note above.

**450 Intensive Fourth-Year Russian (15)**

Equivalent to 401, 402, 403 in one quarter. Intensive practice in conversation, composition, grammar and reading. Prerequisite: 301, 350, or permission of instructor. See credit note above.

**Courses by special arrangement**

*Directed Study or Research, Independent Study or Research*

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**Slavic (SLAV)**

**Course by special arrangement**

*Directed Study or Research*

**Society and Justice (SO JU)**

203 Smith Hall, DP-35  
Telephone: 543-6523

**450♦ Special Topics in Society and Justice (1-5, max. 15)****A. Crime and Law Enforcement in Natural Settings (5)**

Seminar designed to be a forum for presenting and discussing the nature and implications of crime and law enforcement in natural settings such as national parks, forests and waters. Students participate on discussion-research teams examining practical and theoretical implications of relevant issues in this area. Prerequisite: instructor permission.

**Course by special arrangement**

*Research in Society and Justice*

**Sociology (SOC)**

210 Savery Hall, DK-40  
Telephone: 543-5396

The Department of Sociology offers a full range of courses comparable in scope and variety to those taught in other quarters. Three of this summer's courses may serve as an introduction to the field: 110, 240 and 271. Upper-division courses focus on specific topics of interest to students.

**110 Survey of Sociology (5)**

Human interaction, social institutions, social stratification, socialization, deviance, social control, social and cultural change. Course content may vary, depending upon instructor. *Only section D fulfills the W-course requirement. Please refer to Time Schedule section.*

**240 Introduction to Social Psychology: Perspectives on Individual Behavior (5)**

Major theoretical perspectives on individual behavior in social settings. Includes social cognition, behaviorism, symbolic interaction and attitudes. Emphasizes the ways people develop as social beings.

**271 Introduction to the Sociology of Deviance (5)**

Examination of deviance, deviant behavior and social control. Deviance as a social process; types of deviant behavior (e.g. suicide, mental illness, drug use, crime, sexual deviance, delinquency); theories of deviance and deviant behavior; nature and social organization of societal reactions; and social and legal policy issues.

**328♦ 329▲ Methodology of Sociological Research (5,5)**

Logic of formulating, testing and modifying hypotheses. Methods of producing social data (survey research, evaluation research, field observation) and utilizing stored data (census tapes, historical materials). Methods of quantitative data analysis techniques commonly used in contemporary sociological analysis. Prerequisites: sociology major; at least two prior courses in sociology.

**352 The Family (5)**

The family as a social institution. Historical changes and societal variation in family patterns. Changes over the life cycle. Alternative family forms.

**355♦ Social Change in Latin America (5)**

Problems of development and dependency in Latin America. Relations of power and production between social classes and ethnic groups, with special emphasis on Meso-America (Mexico, Guatemala) and the Andes (Peru, Bolivia). Joint with SIS 355. Prerequisite: introductory course in sociology, anthropology, political science or economics.

**356 Society and Politics (5)**

Causes of political change in democratic countries, including public opinion, social movements, interest group activity and party organization. Joint with POL S 356.

**371♦ Criminology (5)**

Survey of legal definitions, types of criminal behavior, trends and patterns, recidivism, characteristics of offenders, environmental influences, diagnostic methods, prediction, theories of crime and delinquency prevention, social policy. Recommended: 271.

**372♦ Introduction to Criminal Justice (5)**

Examines the role of police, courts and corrections in criminal justice. Applies sociological theories and perspectives to issues in law enforcement, adjudication and corrections. Legislative reforms. Innovations in policy. Recommended: 271.

**450♦ Political Economy of Women and Family in the Third World (5)**

Theoretical and empirical aspects of the political economy of women and the family in the Third World during the process of development, with a focus on labor. Main theoretical approaches examined and applied to case studies from Asia and Latin America. Joint with SIS 450.

**456♦ Political Sociology (5)**

Relationships between social change and political change. Focus on selected issues, including social bases of democracy, political organization, elections and consequences of public policy. Prerequisites: 356 and a 200-level political science course or equivalent.

**472♦ Juvenile Delinquency (5)**

Factors in delinquency, juvenile courts. Explanation of delinquent behavior and legal reaction to delinquency. Programs of treatment and prevention. Recommended: 371 or equivalent.

**Courses by special arrangement**

*Independent Study or Research, Internship, Master's Thesis, Doctoral Dissertation*

**Speech and Hearing Sciences (SPHSC)**

205 Eagleson Hall, JG-15  
Telephone: 543-7974

The Department of Speech and Hearing Sciences provides opportunities for study at the undergraduate and graduate levels in areas dealing with the normal aspects of language, speech production and audition, and with the nature and treatment of disorders of language, articulation, voice, fluency and hearing in both children and adults.

A variety of full-term and intensive short courses at all levels are being offered to meet the needs of both continuing and visiting students. Courses are available for majors and nonmajors, and for professionals seeking continuing education. Practicing speech-language pathologists and audiologists, and professionals from related fields such as education, rehabilitation and nursing will find many of the offerings beneficial. In addition, some offerings are appropriate for consumers of speech-language pathology or audiology services, or for their friends and family members. Offerings include special courses not usually available during the academic year, as well as courses from the department's core curriculum.

The department is accredited in both speech-language pathology and audiology by the Educational Standards Board of the American Speech-Language-Hearing Association (ASHA). Many of the courses are eligible for Continuing Education Units through ASHA.

Dr. Judy Stone is teaching *Counseling and Interaction Skills, Part I (449A)*. This course provides participants with a framework and set of skills for counseling work in educational and medical settings. The course draws upon clinical cases to illustrate specific approaches and verbal skills for creating and sustaining good relationships with clients, families and team members. In *Counseling and Interaction Skills Part II (449B)*, students continue to develop their problem

# NEUROLOGIC DISORDERS ACROSS THE LIFE SPAN

## Special Studies in Speech Pathology and Audiology

### SPHSC 449D, 2 credits

This course will survey a variety of neurological conditions which often affect speech, language and cognition. Relevant information concerning the neurophysiology, etiology and management of these patients will be discussed. Information concerning both congenital and acquired disorders will be examined relative to the neural systems involved. Course requirements will consist of required readings and a short presentation. (Students taking SPHSC 401 are strongly encouraged to enroll in this class). No prerequisites.

Instructor: Margaret Rogers, assistant professor, speech and hearing sciences.

solving and counseling skills through in-depth case consultation in a small-group class.

*Children's Language Disorders: An Overview of Service Delivery* (449C) provides an overview of child speech and language disorders, and the various ways the profession of speech-language pathology can provide appropriate services. *Neurologic Disorders Across the Life Span* (449D) a seminar, surveys a variety of both congenital and acquired neurologic disorders that often affect speech, language and/or cognition. Relevant information concerning the etiology of the disorders and management of affected individuals will be addressed by Dr. Margaret Rogers, who will help fill in gaps about "all those syndromes" and tie the disorders back to neuroanatomy and physiology. For those also taking *Neural Bases of Speech and Language* (SPHSC 401), this seminar is designed to address neurologic disorders in a manner that corresponds to the neural systems being concurrently covered in 401.

Digital speech analysis instruments, especially those based on microcomputers (PCs and Macs), are now widespread in labs and many clinics. Full correct use of these instruments requires training in system operation and understanding of basic signal processing concepts. These concepts are covered in *Digital Instrumentation* (503). All students who use speech analysis in research or clinical activities will benefit from this "hands-on" course, taught by Dr. Buder.

Dr. Marie Thompson is teaching *Management of Hearing Impaired Children* (581), which provides information about birth to five year-old hearing impaired children and their families. Sign systems, federal and state laws and the grieving process are among the topics discussed.

Individuals interested in studying and altering their own patterns of speech may wish to consider *The American English Sound System* (SPHSC 111).

Additional courses of interest may be available through the Department of Rehabilitative Medicine, especially through their "Assistive Technology Series."

### 111, 111◆ The American English Sound System (2, max. 4)

For persons for whom English is not the primary language. Speech sounds of American English. Practice in listening and using American phonetic features. Prerequisite: college-level reading knowledge of English. CR/NC only.

### 350W Clinical Processes II: Treatment (4)

Principles and procedures for planning the effective treatment of speech and language disorders. Prerequisites: 330, 332 and entry code.

### 370 Basic Audiometry (5)

Theory and practice of the assessment of hearing function, including standard puretone audiometry, speech audiometry and basic impedance audiometry. Prerequisites: 315 and entry code.

### 380 Introduction to Aural Rehabilitation (4)

Principles and methods of amplification and use of residual hearing, speech reading, speech conservation and general counseling toward acceptance of hearing impairment. Considerations for education and special problems. Prerequisites: 315 and entry code.

### 401 Neural Bases of Speech and Language (4)

Neuroanatomical and neurophysiological bases of motor speech production and language processes. Laboratory. Prerequisite: 201 or permission.

### 402◆ Advanced Phonetic Analysis (2)

Transcriptional and acoustic features of speech; includes languages other than English. Prerequisite: 303 or equivalent introductory phonetics course or permission of instructor.

### 449◆ Special Studies in Speech Pathology and Audiology (\*)

#### A. Counseling and Interaction Skills Part I (2)

June 20-24 A systems-based counseling approach is presented. Covers basic theory and framework, a core set of skills for a variety of counseling tasks and a problem-solving approach for resolving counseling concerns. Clinical examples are presented to illustrate counseling approaches. Role playing is used to practice skills and identify personal styles and preferences. The course is appropriate for speech-language pathology and audiology professionals, as well as other professionals who counsel as part of educational and rehabilitative services. Also appropriate for students who have had some clinical experience. Approaches presented are applicable to adults (parents of handicapped or at-risk children, adult clients, spouses) and older children and adolescents.

### 449 Special Studies in Speech Pathology and Audiology (\*)

#### B. Counseling and Interaction Skills Part II (1)

June 27-August 19 Participants continue to develop their counseling skills through in-depth case consultation, role playing and group discussion and feedback. Prerequisite: entry code.

#### C. Children's Language Disorders: An Overview of Service Delivery (2)

Individuals interested in speech and language impaired children learn about the different ways and places these children may be served.

Includes a review of how children learn language and how that learning can go awry with different types of childhood disorders. The goals speech-language pathologists might have for altering speech and language development, and the service delivery models available for reaching these goals are also covered. Lectures, small group discussions, student presentations, and opportunities to observe assessment and therapy sessions on campus and in the community. Open to all regardless of background.

#### **D. Neurologic Disorders Across the Life Span (2)**

This course will survey a variety of neurological conditions which often affect speech, language and cognition. Relevant information concerning the neurophysiology, etiology and management of these patients will be discussed. Information concerning both congenital and acquired disorders will be examined relative to the neural systems involved. Course requirements will consist of required readings and a short presentation. (Students taking SPHSC 401 are strongly encouraged to enroll in this class). No prerequisites.

#### **503▲ Current Issues in Speech Science: Digital Instrumentation (3)**

Covers basic concepts of speech signal processing, including sampling, Fourier analysis, linear prediction analysis and autocorrelation analysis. Fluency in digital speech analysis systems such as CSL and CSpeech will also be a course objective. Prerequisite: completion of a course covering basic acoustic features of speech. Although there will be mathematics instruction, no preparation beyond high school math will be required. The course is intended for Master's and Doctoral students whose research or clinical activities may include use of digital instruments for speech analysis.

#### **535 Voice Disorders (4)**

Examination of the physiology, acoustics and perception of the normal and distorted human voice. Etiology, evaluation and treatment of phonatory disorders. Prerequisites: 201, 250 and 311.

#### **536 Assessment of Language Impairment in Children (5)**

*June 28-August 18* Principles and procedures used in the assessment of speech- and language-disordered children and adolescents. Prerequisites: 332, 431 and permission of instructor.

#### **551 Advanced Practicum in Speech Pathology Evaluation (1-9, max. 10)**

##### **A. UW Speech and Hearing Clinic (4)**

Prerequisites: 536 and permission.

#### **B. Child Development and Mental Retardation Center (4)**

Prerequisites: 536 and permission.

#### **552 Advanced Practicum in Speech Pathology Management (1-9)**

##### **A. Clinical Processes**

Prerequisite: 350.

##### **B. Child Language**

Prerequisites: 431 and permission.

##### **C. Stuttering**

Prerequisites: 430, 537 and permission.

##### **D. Advanced Adult Speech**

Prerequisite: permission.

##### **E. Advanced Child Speech**

Prerequisite: permission.

##### **F. Neurogenic Disorders**

Prerequisites: 401, 531, 532 and permission.

##### **G. Voice**

Prerequisites: 535 and permission.

#### **555 Preinternship (1-3)**

Practicum in speech pathology or audiology designed to teach the clinical regimen of a participating professional center prior to assuming a full internship assignment. Prerequisites: 150 hours of supervised practicum and entry code.

#### **575 Medical Backgrounds in Audiology (3)**

Diseases and injuries of the ear resulting in reduced audition. Prerequisite: 571 or permission of instructor.

#### **581◆ Management of Hearing-Impaired Children (3)**

Management of hearing-impaired children, including identification of target behaviors and methods for modification such as individualized therapy programs and parent and teacher involvement.

#### **591 Advanced Practicum in Audiology (1-9, max. 10)**

##### **A. UW Speech and Hearing Clinic**

##### **B. Pediatric Assessment**

##### **C. Aural Rehabilitation, Adult**

##### **D. Aural Rehabilitation, Child**

##### **E. Selection of Hearing Aids**

##### **G. General Assessment**

##### **H. ABR Assessment**

Prerequisites: 40 hours of practicum and permission for all sections.

#### **599 Research Practicum (\*, max. 12)**

Supervised laboratory experience in experimental approach to problems in speech and hearing sciences. Prerequisite: entry code.

#### **Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Internship, Master's Thesis, Doctoral Dissertation*

### **Speech Communication (SPCH)**

205 Raitt Hall, DL-15

Telephone: 543-4860

The Department of Speech Communication offers courses at all levels, undergraduate and graduate, and provides a program of advanced and professional training for graduate students pursuing a degree program and for teachers and others seeking specialized work in the field.

Of special interest to language arts teachers is *Oral Interpretation of Children's Literature* (341◆) and *Oral Interpretation of Fiction by Judy Blume* (498◆). Persons interested in business-related topics may wish to consider 301, 373 and 474.

#### **102 Speech, the Individual and Society (5)**

Provides a basic understanding of human speech communication. Covers three major areas: (1) the nature of human communication, including models, principles, settings; (2) elements of verbal and nonverbal communication; and (3) approaches to and functions of human communication, including persuasion, interpersonal communication, argument, propaganda, free speech.

#### **103◆▲ Interpersonal Communication (5)**

Emphasizes analyzing and understanding communication variables affecting human relationships, such as person perception, feedback, idea development, nonverbal cues. Focus on informal communication settings.

#### **220, 220▲ Introduction to Public Speaking (5,5)**

Emphasizes choice and organization of material, sound reasoning, audience analysis, oral style and delivery. Overview of history of rhetoric. Classroom speeches followed by conferences with instructor.

#### **301 Interviewing (5)**

Interviewing principles and practices, with emphasis on information gathering and persuasive interviews. Purposes and types of interviews, structure of interviews and influence of communication patterns on interview outcomes.

#### **334 Essentials of Argument (5)**

Argument as a technique in the investigation of social problems; evidence, proof refutation, persuasion; training in argumentative speaking.

**341◆ Oral Interpretation of Children's Literature (3)**

Study and performance of children's literature, emphasizing oral interpretation as a method of experiencing literature. Emphasis is on the development of performance abilities.

**373 Principles of Group Discussion (5)**

Discussion as an everyday community activity, with emphasis on the informal cooperative decision-making methods of committee, conference and round-table groups.

**474◆ Communication, Conflict and Cooperation (5)**

Role of communication in resolving informal conflicts and in facilitating interpersonal and intergroup cooperation. Review of empirical literature. In-class simulations and exercises.

**498◆ Special Topics in Speech Communication (2-5, max. 15)**

**A. Oral Interpretation of Fiction by Judy Blume (3)**

Solo and group performances and analyses of literature written by Judy Blume for children and adults, such as *Superfudge*, *Smart Women and Are You There, God? It's Me, Margaret*. Major emphasis is on Blume's literature for children.

**498 Special Topics in Speech Communication (2-5, max. 15)**

**B. Communication and the Family (5)**

Exploration of two major questions: 1) What is a family? and 2) How do families communicate? Examines multiple models of families, including those from other cultures, television and other historical time periods. Communication between partners and between parents and children as a child develops is also examined.

**Courses by special arrangement**

*Undergraduate Research, Media Internship, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Statistics (STAT)**

B313 Padelford Hall, GN-22  
Telephone: 543-7237

The Department of Statistics was established to coordinate teaching and research in statistics on the upper campus. During the summer, in addition to the instructional program, an active research program and seminar series are offered, featuring a number of eminent visiting professors as well as the regular faculty. For further information, contact the department.

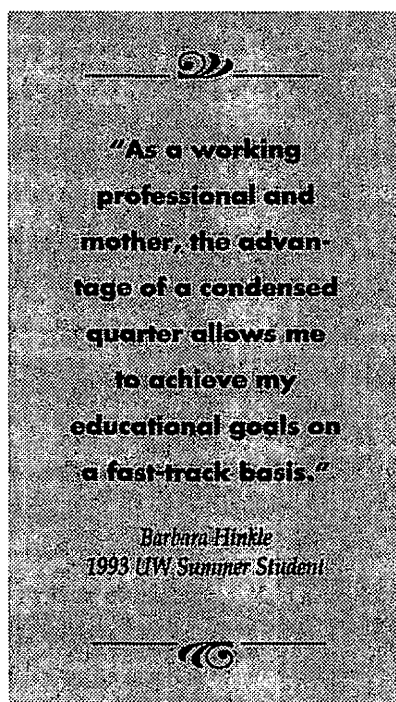
**220 Basic Statistics (5)**

Objectives and pitfalls of statistical studies. Structure of data sets, histograms, means and standard deviations. Correlation and regres-

sion. Probability theory, binomial and normal. Interpretation of estimates, confidence intervals and significance tests. (Students may receive credit for only one of 220 and 311.) Prerequisite: 1½ years of high school algebra.

**311 Elements of Statistical Method (5)**

Elementary concepts of probability and sampling, the binomial and normal distributions. Basic concepts of hypothesis testing, estimation, and confidence intervals, t-tests and chi-square tests. Linear regression theory and the analysis of variance. (Students may receive credit for only one of 220 and 311.) Meets with ECON 311. Prerequisite: MATH 111 or 120.



**390 Probability and Statistics in Engineering and Science (4)**

Concepts of probability and statistics. Conditional probability, independence, random variables, distribution functions. Descriptive statistics, transformations, sampling errors, confidence intervals, least squares and maximum likelihood. Exploratory data analysis and interactive computing. Not open for credit to students who have taken 481. Joint with MATH 390. Prerequisites: MATH 324 or 307, and MATH 205 or 308.

**394◆ Probability I (3)**

Sample spaces; basic axioms of probability; combinatorial probability; conditional probability and independence; binomial, Poisson and normal distributions. Joint with MATH 394◆. Prerequisite: MATH 324.

**395▲ Probability II (3)**

Random variables; expectation and variance; laws of large numbers; normal approximation and other limit theorems; multidimensional distributions and transformations. Joint with MATH 395▲. Prerequisite: 394.

**578 Special Topics in Advanced Biostatistics (\*, max. 3)**  
**A. Spatial Statistics (3)**

Joint with BIOST 578A. Prerequisite: entry code. CR/NC only.

**B. Spatial Statistics Seminars (1)**

Joint with BIOST 578B. Prerequisite: entry code. CR/NC only.

**C. Drug Evaluation (3)**

Joint with BIOST 578C. Prerequisite: entry code. CR/NC only.

**599 Statistical Consulting (\*, max. 12)**

Consulting experience in data analysis, applied statistics, etc. The student is required to provide consulting services to students and faculty. Prerequisites: permission of graduate adviser, entry code. CR/NC only.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Women Studies (WOMEN)**

B110K Padelford Hall, GN-45  
Telephone: 543-6900

Women Studies is an interdisciplinary program that offers students the opportunity for intensive, cross-cultural and theoretical study of women. This summer, a variety of popular courses are being offered. All courses count toward the Bachelor of Arts degree in women studies.

**200 Introduction to Women Studies (5)**

Feminist study of women, society and culture, looking at how gender, race, class and sexuality create similarities, differences and connections across women's experience. Topics include women's histories and identities, family, sexual choices, work, violence against women, creativity, empowerment and social change. Course is both a survey of women in society and an introduction to methods and concepts of women's studies across the disciplines. Guest lectures, films, music, small-group discussions.

**257 Psychology of Sex Differences (5)**

Major psychological theories of sex-role development, biological and environmental influences that determine and maintain sex differences in behavior; sex roles in children, sex dif-

ferences in aggression, sexuality. Joint with PSYCH 257. Recommended: PSYCH 101 or 102.

### 313W Women in Politics (5)

Political theory, historical and contemporary, including writings of the women's liberation movement on the political role of women in society. Empirical studies of the "apolitical" woman; process of political socialization in various cultural contexts; women's participation in political decision making. Joint with POL S 313. Prerequisite: 200 or a political science course.

### 357 Psychobiology of Women (5)

Physiological and psychological aspects of women's lives; determinants of biological sex; physiological and psychological events of puberty and menopause; sexuality; contraception; pregnancy, childbirth and lactation; role of culture in determining the psychological response to physiological events. Joint with PSYCH 357. Not open for credit to students who have taken GIS 357. Prerequisites: 200 or 257, or PSYCH 101, 102 or 257, or permission of instructor.

### 383♦ Social History of American Women (5)

A multi-racial, multicultural study of women in the U.S. from the sixteenth century to the present: an emphasis on women's unpaid work, participation in the paid labor force, charitable and reform activities, and feminist movements of the nineteenth and twentieth centuries. Use of primary materials such as diaries, letters, speeches and artifacts. Joint with HSTAA 373. Prerequisite: 200 or 283 or HSTAA 201 or permission of instructor.

### 415♦ Gender Equity in Education (3)

*July 6-20* Implications of gender bias and discrimination in American education, K-12. Development of insights into experiences as students, educators and parents. Includes images of women and girls in curriculum materials, socialization and career counseling, teacher behavior, physical education and athletics, effects of Title IX and other laws and court cases on present school policy, and practical alternatives and skills useful for promoting gender equity in education. Prerequisite: 200 or 15 credits in Education or Women Studies.

### 454W♦ Women, Words, Music and Change (5)

Comparative analysis of the use of myths, tales, music and other forms of expressive culture to account for, reinforce and change women's status and roles. Joint with ANTH 454.

### 490W Special Topics in Women Studies (2-5, max. 15)

#### A. Women and Peace (5)

This seminar course is a cross-cultural and comparative course on women's involvement in twentieth century peace movements. The course will explore the historical links between feminism, peace and pacifism; the rhetoric,

goals and strategies of women's peace organizations; the local, national and international organizations women have formed or worked within; and the conflicts among and between women's peace groups over the issues of race, class and ethnicity. Joint with HST 498.

### 497 Fieldwork in Women Studies (3-5, max. 15)

Internships in local agencies or other places of work appropriate to the student's field of interest. Allows development of specific skills in area of specialization. Prerequisites: 200, junior standing or permission of instructor. CR/NC only.

### Courses by special arrangement

*Undergraduate Research, Tutoring Women Studies*

## Zoology (ZOOL)

106 Kincaid Hall, NJ-15  
Telephone: 543-1620

Courses offered for nonmajors include BIOL 100 and ZOOL 118 and 119. Opportunities for research and graduate instruction in marine biology are offered at Friday Harbor Laboratories in the San Juan Islands. For information and a bulletin, write: Director, Friday Harbor Laboratories, 620 University Road, Friday Harbor, WA 98250. Also see Biology, page 16.

### 118 Survey of Physiology (5)

Human physiology, for nonmajors and health sciences students.

### 119 Elementary Physiology Laboratory (1)

Optional laboratory experiments designed to accompany 118. Prerequisite: 118 (may be taken concurrently).

### 362 Natural History of Vertebrates (5)

Field and laboratory course on the classification, ecology, adaptations and natural history of fishes, amphibians, reptiles, birds and mammals. Students may be required to share a portion of the transportation costs of field trips. Prerequisite: permission of instructor.

### 403 Comparative Vertebrate Histology (5)

Microscopic and submicroscopic anatomy of vertebrates. Emphasis on mammals. Light microscopy and interpretation of ultrastructure. Functions of basic tissue types and organs as related to structure. Prerequisite: BIOL 202.

### 498 Special Problems in Zoology (1-5, max. 15)

Prerequisite: entry code.

### Courses by special arrangement

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

## School of Business Administration

Graduate Program Office  
110 Mackenzie Hall, DJ-10  
Telephone: 543-4660

Undergraduate Program Office  
137 Mackenzie Hall, DJ-10  
Telephone: 543-4350

*Registration priority in business administration courses (200-level courses excepted) during Summer Quarter is given to University of Washington business majors. Other students can be accommodated on a space-available basis only. Consult the Undergraduate Program Office for courses numbered 300 and 400; consult the Graduate Program Office for courses numbered 500 and 600.*

## Accounting (ACCTG)

Students that graduate with the degree of Bachelor of Arts in Business Administration who complete the following courses in accounting with a minimum grade-point average of 2.0 will have the notation "accounting" included on their transcripts: 301, 302, 303, 311, 330, 411, 421, and six elective credits in 400-level accounting courses except 401, 490 and 499; a total of 27 credits is required. ACCTG 505 is a concentrated, 10-week program offering the equivalent of 301, 302, 303, 311, 411 and 421 for graduate students.

### 210 Introduction to Accounting (3)

Nature and social setting of accounting; uses of accounting information; introduction to basic accounting concepts and some accounting techniques. Prerequisite: sophomore standing or above.

### 220 Fundamentals of Financial Accounting (3)

Principal procedures and concepts utilized in contemporary financial accounting and reporting. Preparation and interpretation of financial statements. Prerequisite: 210.

### 230 Fundamentals of Managerial Accounting (3)

Analysis and evaluation of accounting information as part of the managerial process of planning, decision making and control. Emphasis on types of economic decision making in enterprises and on accounting information useful to enterprise managers. Prerequisite: 220.

### 301 Intermediate Accounting I (3)

Concepts and principles of financial accounting. Analysis of controversies and problems related to measurement of enterprise income. Prerequisites: 230 and admission to accounting concentration.

**302 Intermediate Accounting II (3)**

Continuation of 301. Prerequisites: 301 and admission to accounting concentration.

**303 Intermediate Accounting III (3)**

Continuation of 302. Prerequisites: 302 and admission to accounting concentration.

**311 Cost Accounting (3)**

Introduction to theory of cost accounting; job order, process and standard cost systems; overhead accounting; problems in accumulation and allocation of costs; decision making with cost data. Prerequisites: 301 and admission to accounting concentration.

**330 Introduction to Accounting Information Systems (3)**

Concepts of accounting information systems in organizations. Process of analyzing and designing accounting information systems, with emphasis on those using computer facilities. Issues of internal controls and auditing considerations. Prerequisite: admission to accounting concentration or prior departmental approval.

**371 Auditing or Industrial Internship (2)**

One quarter's internship with a certified public accounting firm, industrial organization, or government agency. Credit/no credit only. Prerequisite: prior departmental approval.

**411 Auditing Standards and Principles (3)**

Intensive introduction to the attest function in society today. The environment, the process and the report of the public auditor are analyzed. Potential extensions of the attest function are examined. Prerequisites: 303, 311, 330, and admission to accounting concentration.

**421 Tax Effects of Business Decisions (3)**

Issues in taxation, including tax considerations in business decision making, tax effects of business transactions, taxation of compensation, fringe benefits, capital gains, fixed asset transactions, disposition of business distribution from corporations. Prerequisites: 303 and admission to accounting concentration.

**450 Business Taxation (3)**

Issues of taxation for entities other than individuals, including corporations, sub-chapter S corporations, partnerships, estates and trusts, corporate distributions, liquidations, and reorganizations. Prerequisites: 421 and admission to accounting concentration.

**451 Individual Income Taxation (3)**

Political, economic and social forces influencing federal income taxation, role of taxation in personal decisions. Coverage of individual income tax matters, including business and investment income, business and personal deductions, property transactions and tax issues of employees. Prerequisites: 421 and admission to accounting concentration.

**485 Advanced Financial Accounting (3)**

Accounting for partnerships, accounting for business combinations, parent-subsidiary and branch relationships, foreign exchange. Prerequisites: 303 and admission to accounting concentration.

**505 Intensive Analysis of Accounting Principles and Practices (15)**

Covers the subjects in the required core for undergraduate accounting majors: intermediate accounting, advanced accounting, cost accounting, auditing and tax accounting. Credits do not count toward the M.B.A. degree. Prerequisites: 210, 220, 230, or equivalent, and entry code.

**530 Tax Issues in Property Ownership (4)**

Analysis of gain and loss realization, recognition and characteristics of such. Detailed exploration of statutory and case law regarding acquisition, ownership and disposition of assets. Treatment of capital and ordinary gains and losses. Timing issues regarding deferral transactions and installment reporting are analyzed. Prerequisite: undergraduate accounting concentration or equivalent.

**571-572 Research Reports (3-3)**

Independent study in business administration; critical evaluation of business analysis and research methods. Effective communication of ideas is emphasized. Methods and content of independent research studies being completed by the students are subjected to critical evaluation. Open only to M.B.A. students. Prerequisites: instructor's approval of preliminary research topic outline for 571; 571 for 572.

**590 Special Topics in Accounting (3)**

Accounting topics of current concern to faculty and students. Offered only when faculty are available and sufficient student interest exists. Seminar content. Topics for each section are: A: Income Taxation of Conduits I; B: Fundamentals of International Taxation; C: Employee Tax Problems and Deferred Compensation. Prerequisite: permission of instructor; entry code for nonmajors.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Administration (ADMIN)**

**510 Integrative Administration (15)**

Includes materials basic to the study and analysis of administration in organizations: organization theory and administrative behavior; human resources management; resource allocation, accounting and financial control, systems operation and analysis; marketing; governmental-societal framework; and policy formulation and strategic planning. Faculty team-teaching approach. Not open to business administration majors. CR/NC only. Prerequisite: entry code.

**Business Administration (BA)**

**Course by special arrangement**

*Doctoral Dissertation*

**Business Communications (B CMU)**

**301 Basic Written Business Communications (4)**

Broad analytical approach to written communications as a management tool. Analysis of the psychology, semantics, planning and principles of effective business writing. Practical application through messages that inform and persuade, grant and refuse, plus short business reports and applications for positions. Prerequisite: junior standing or above. Enrollment is open only to UW business majors until May 29.

**Business Economics (B ECN)**

**300 Managerial Economics (3)**

Analysis of economic factors affecting decisions made by business firms. Demand and cost analysis and alternative policies from the firm's point of view. Prerequisites: ECON 200 and admission to business administration or permission.

**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 and policies in the stabilization of business conditions. Prerequisites: ECON 200, 201, and admission to business administration or permission.

**420 Financial Markets (4)**

Analysis of the structure and functions of the money and capital markets; the saving-investment process and financial intermediaries; supply and demand for lendable funds and the



level and structure of interest rates; role of the Federal Reserve and Treasury in money market developments. Prerequisites: 301 and admission to business administration or permission. Enrollment is open only to non-accounting seniors and above until May 29.

#### **427 International Finance (4)**

Asset choice and institutional operations in international finance; foreign-exchange problems; the impact of international financial problems and operations on business; short- and long-term international financing. Prerequisite: 301 and admission to business administration or permission. Enrollment is open only to non-accounting seniors and above until May 29.

#### **571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

#### **Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

### **Business Policy (B POL)**

#### **470 Business Policy (4)**

Policy making and administration from a general management point of view. Emphasis on problem analysis, the decision making process, administration and control, and continuous re-appraisal of policies and objectives; integrates and builds upon the work of the core curriculum. Prerequisites: admission to business administration, senior standing or above, and FIN 350, MKTG 301, OPMGT 301 and HRMOB 400, or permission of undergraduate office.

#### **471 Small Business Management (4)**

Policy formulation and implementation in smaller firms from the top manager's point of view. Integrates and builds upon work of the core curriculum. Includes analysis of cases and field projects related to small firms. Prerequisites: admission to business administration, senior standing or above, and FIN 350, MKTG 301, OPMGT 301 and HRMOB 400, or permission of undergraduate office.

#### **505 Business Policy and Strategy (3)**

Policy decisions and strategic leadership from the general management point of view. Determination of corporate product-service objectives, development of a network of internal operating policies and methods to achieve objectives at a cost satisfactory to the consumer and to society. Prerequisites: all first-year required courses in M.B.A. curriculum and entry code for nonmajors.

#### **571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

#### **590 Special Topics in Business Policy (3)**

See ACCTG 590 for description. For a list of topics, contact the graduate program office. Prerequisite: entry code for nonmajors.

#### **Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

### **Finance (FIN)**

#### **350 Business Finance (4)**

Sources, uses, cost and control of funds in business enterprises. Internal management of working capital and income; sources and cost of long-term funds; capital budgeting; financing of the growth and expansion of business enterprises; government regulation of the financial process. Prerequisites: B ECN 300 and admission to business administration or permission of undergraduate office.

#### **453 Financial Theory and Analysis (4)**

Determination of liquidity needs subject to firm constraints and longer-term capital budgeting problems involving cost of capital and capital rationing considerations; analytical approach. Prerequisites: 350, QMETH 201 and admission to business administration. Enrollment is open only to non-accounting seniors and above until May 29.

#### **460 Investments (4)**

Introduction to the nature, problems and process of evaluating particular securities and portfolio construction and administration. Special attention to the risk and rate of return aspects of particular securities portfolios and total wealth. Prerequisites: 350 and admission to business administration. Enrollment is open only to non-accounting seniors and above until May 29.

#### **560 Investments (3)**

Introduction to the nature, problems and process, of evaluating particular securities and portfolio construction and administration. Special attention is directed to the risk and rate-of-return aspects of particular securities, portfolios and total wealth. Prerequisite: 502 and entry code for nonmajors.

#### **571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

#### **Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

### **Human Resources Management and Organizational Behavior (HRMOB)**

#### **301 Personnel Systems and Industrial Relations (3)**

Personnel/industrial relations function from a managerial perspective. Topics include selection, compensation, performance appraisal, and training and development. Special emphasis on union/management relations and relevant behavioral science research. Prerequisite: junior standing or above. Enrollment is open only to UW business majors until May 29.

#### **400 The Management of Organizational Behavior (4)**

Behavioral aspects of management in organizations with emphasis on leadership, motivation, communication, conflict resolution, group dynamics and organization development. Prerequisite: admission to business administration or permission of the undergraduate office.

#### **410 Staffing (4)**

Affirmative action, recruitment, testing, interviewing, placement, promotion and overall human resource planning. Prerequisite: junior standing or above. Enrollment is open only to UW business majors until May 29.

#### **515 Performance Appraisal and Compensation (3)**

Strategies, procedures and problems in evaluating and rewarding employees. Performance measurement methods, different appraisal systems and ways of coaching employees. Ways to integrate performance appraisal into compensation systems. Prerequisite: entry code for nonmajors.

#### **520 Collective Bargaining (3)**

Traditional labor-management relations in private, public and non-profit sectors with special emphasis on grievance arbitration and collective bargaining processes. Simulations and case studies. Prerequisite: entry code for nonmajors.

#### **550 Leadership (3)**

Various theories of leadership. Trait theories, leader behavior theories and situational theories. Concept of leadership within the broader framework of power—how power is gained, lost and distributed within organizations. Prerequisite: entry code for nonmajors.

#### **560 Negotiations (3)**

Strategy used in negotiations other than labor-management bargaining to develop skills necessary to devise a negotiating strategy appropriate to situation. Negotiation of contracts in simulated business settings, case studies, readings. Prerequisite: entry code for nonmajors.

**571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

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**Information Systems (IS)**

**300 Management Information Systems (4)**

Fundamentals of information systems, what they are, how they affect organizations. Technical and organizational foundations of information systems, building information systems, managing information system resources. Laboratory emphasis using computers to analyze, coordinate, solve organizational decision making problems. Prerequisite: admission to School of Business Administration or permission of undergraduate office.

**320 Data Structures and File Systems (4)**

Concepts of data and file management. Data types and data structures; organizing data on external storage devices; sequential, direct and indexed access methods; multilist and inverted files; sorting and searching algorithms. Instruction in, and use of, a programming language using structured techniques to implement these concepts. Prerequisites: 300 (or equivalent) and junior standing or above. Enrollment is open only to UW business majors until May 29.

**409 Applications Programming for Information Systems (4)**

Introduction to business systems concepts. Use of structured design and programming techniques. Application system development using COBOL for creating and managing sequential, indexed and relative files. Sorting, merging and table processing. Report generation. Introduction to screen management programming. Prerequisite: 320. Enrollment is open only to UW business majors until May 29.

**460 Systems Analysis and Design I (4)**

First course in analysis and design of business information systems. Concentrates on analysis phase of systems development. Systems development life cycle, the feasibility study, analysis of user requirements and the development of a logical model for the system under study. Prerequisites: 320 and junior standing or above. Enrollment is open only to UW business majors until May 29.

**480 Database Management (4)**

Concepts of physical and logical database organization. Physical file structures used in data management. Logical data models, including hierarchical network, relational. Database design, data dictionaries, data manipulation languages. Exercises in design, implementation and use of database systems. Survey of commercial database management systems. Prerequisites: 409, 460, and junior standing or above. Enrollment is open only to UW business majors until May 29.

**490 Special Topics in Business Telecommunications (1-5, max. 20)**

Topics of current concern to faculty and students. Potential topics include networks and distributed information-processing systems, office automation, artificial intelligence and knowledge-based systems, new approaches to systems development, fourth- and fifth-generation languages, economics of information systems. Prerequisites: 320 and junior standing or above. Enrollment is open only to UW business majors until May 29.

**Course by special arrangement**

*Undergraduate Research*

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**International Business (I BUS)**

**300 The International Environment of Business (3)**

Prepares students to understand the most important aspects of the international political economy. Emphasis on the important relationships among nations and business and economic institutions that influence students' performance as managers, consumers and citizens. Prerequisites: ECON 200, 201. Enrollment is open only to UW business majors until June 21.

**440 Business in Japan (4)**

Major aspects of the Japanese business environment and how Japanese enterprises are managed. Problems and opportunities of foreign corporations in Japan. Prerequisite: 300 or 550 or permission of instructor.

**470 Management of International Trade Operations (4)**

Applicable for students interested in exporting and importing activities, but especially relevant to small companies. Emphasis on the management of import-export operations and the application of relevant functional tools. Cases and class projects are drawn from service com-

panies, as well as from manufacturers. Prerequisites: 300 and junior standing or above. Enrollment is open only to UW business majors until May 29.

**550 International Business Environment (3)**

Understanding the underlying economic, political and social forces in the international business environment and assessing impact of these forces on international trade and investment. Theories of international trade, foreign investment, international monetary relations and economic integration and national policy response to international market forces. Prerequisites: B ECN 500 and 501 or equivalent are recommended.

**571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

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**Marketing (MKTG)**

**301 Marketing Concepts (4)**

Tools, factors and concepts used by management in planning, establishing policies and solving marketing problems. Marketing concepts, consumer demand and behavior, location analysis, marketing functions, institutions, channels, prices and public policy. Prerequisites: ECON 200. Open to nonmajors Summer Quarter only. Enrollment is open only to UW business majors until June 21.

**310 Product and Price Policies (4)**

Examines important aspects of product planning 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 B ECN 300. Enrollment is open only to UW business majors until May 29.

**340 Advertising (4)**

Management of the advertising function and its integration with other forms of promotion. Planning the program, determining the most effective approach, evaluation of media and budget, advertising research, advertising institutions, economic and social aspects. Prerequisites: 301 and junior standing or above. Enrollment is open only to UW business majors until May 29.

**450 Consumer Behavior (4)**

Theory and practice pertinent to marketing decisions of individuals and business firms; utilization of theories from behavioral sciences in marketing research; theories of fashion, characteristics of goods, shopping behavior, product differentiation, market segmentation and opinion leadership; application of concepts to management of advertising, personal selling, pricing and channels of distribution. Prerequisites: 301 and junior standing or above; recommended: QMETH 201.

**460 Marketing Research (4)**

Marketing research process; preliminary steps and research design, questionnaires, secondary and primary data, sampling, processing and interpreting data, evaluation and effective presentation of findings. A class research project provides practical application of methods studied. Prerequisites: 301, QMETH or equivalent and junior standing or above. Enrollment is open only to UW business majors until May 29.

**510 Product and Price Management (3)**

Identification of market opportunities, choice of which goods and services in what combinations to market and prices at which to offer them. Considers product and price interrelationships in product-line management; product differentiation; the marketing mix; and multiple-market, oligopoly and monopoly contexts. Includes policy considerations. Prerequisite: 501.

**571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Operations Management (OPMGT)****301 Principles of Operations Management (3)**

Introduces application of quantitative analysis to problems in planning, operating and controlling production function. Problems of distribution and allocation, management of inventory systems, production scheduling, improvement curves and service systems. Uses computer and quantitative models in formulating managerial problems. Prerequisites: QMETH 201 and admission to business administration or permission of undergraduate office.

**490 Special Topics in Operations Management (3)**

Operations management topics of current concern to faculty and students: Potential topics are: logistics management, project scheduling, manufacturing strategy, site and location analysis, management of service operations. May be repeated for credit as topics change. Prerequisite: 301.

**571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Organization and Environment (O E)****200 Introduction to Law (5)**

Legal institutions and processes; law as a system of social thought and behavior and a frame of order within which rival claims are resolved and compromised; legal reasoning; law as a process of protecting and facilitating voluntary arrangements in a business society. Prerequisite: sophomore standing or above. Taught with LAW 300.

**302 Organization and Environment (4)**

Political, social, legal environment of business. Critical managerial issues from historical, theoretical and ethical perspectives; their impact on the organization. Includes: corporate political power, boards of directors, capitalism, industrial policy, business ethics and social responsibility, alternative corporate roles in society. Prerequisite: admission to business administration or permission of undergraduate office.

**403 Commercial Law (5)**

Principles of the law of property, sales, negotiable instruments and security transactions. Prerequisites: 200, junior standing or above. Open only to UW business majors until June 21.

**440 Organization Structure (3)**

Concepts of formal organization structures, power, authority and influence; delegation and decentralization, strategic planning, decision making; philosophy and values in management, and the organization in the context of the environment and its impact on the organization's subsystems. Prerequisite: HRMOB 400, and admission to business administration or permission of undergraduate office.

**571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Quantitative Methods (QMETH)****201 Introduction to Statistical Methods (4)**

Survey of principles of data analysis and their applications for management problems. Elementary techniques of classification, summarization and visual display of data. Applications of probability models for inference and decision making are illustrated through examples. Prerequisites: MATH 157, and sophomore standing or above.

**300 Quantitative Analysis for Business (4)**

Introduction to mathematical tools utilized for analysis of business problems; appreciation of the use of these tools in business situations; calculus; linear algebra. Prerequisites: MATH 157 and junior standing or above. Open only to UW business majors until May 29.

**520 Statistical Application of Linear Models (4)**

Exploration and inference using linear models. An advanced treatment of simple and multiple regression, use of dummy variables, analysis of covariance, selection of variables to be included in the equation. Prerequisites: 500 and entry code for nonmajors.

**530 Stochastic Series Analysis and Forecasting (4)**

Introduction to modern time series analysis and forecasting. Autoregressive, moving average and mixed models. Practical methods for model identification, estimation, diagnostic checking and adaptive forecasting. Oriented toward data and application. Prerequisites: 500; strongly recommended: 520 or equivalent; and entry code for nonmajors.

**571-572 Research Reports (3-3)**

See ACCTG 571-572 for description.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research*

**Guide to Courses for Educators**

# COLLEGE OF EDUCATION

*Earn credits toward continuing certification and endorsements at the UW this summer*

- Nearly 100 College of Education courses and workshops to choose from.
- Classes provide continuing academic training for teachers in the basic subject matter fields.
- Courses for prospective and practicing school administrators and other specialized school personnel.
- Courses leading to various advanced degrees in the field of education, if taken while in a graduate or graduate nonmatriculated (GNM) status.

The summer program offered by the College of Education consists of courses designed to meet requirements for teachers in the State of Washington and elsewhere, to provide continuing academic training for teachers in the basic subject-matter fields, to serve prospective and practicing school administrators and other specialized school personnel, and to lead to various advanced degrees in the field of education.

Admission to the College of Education or to any of the programs within the College of Education assumes, and is dependent upon, the student's eligibility for admission, enrollment and registration at the University of Washington. This applies not only to regular programs, but also to all special institutes, special projects, or programs, whether such courses are taught on or off campus. (See the "Admission" and "Registration" sections of this Bulletin.)

## Center for Multicultural Education

The Center for Multicultural Education in the College of Education focuses on research, policy and services that respond creatively to the challenges and opportunities related to ethnic, cultural and social-class diversity. Several multiethnic education courses are offered this summer including *Multiethnic Curriculum and Instruction* (EDC&I 424), *Multiethnic Studies: Methods, Content and Materials* (EDC&I 474), *Multicultural Education* (EDC&I 494) and *Seminar in Curriculum and Instruction: Youth, Culture, Development, and Education* (EDC&I 505). For more information about the center, please call (206) 543-6636.

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| • Educational Curriculum and Instruction (EDC&I) courses    | 51 |
| • Educational Leadership and Policy Studies (EDLPS) courses | 54 |
| • Educational Psychology (EDPSY) courses                    | 54 |
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| • Other Programs of Interest to Educators                   | 57 |
| • UW Bothell Education courses                              | 72 |
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## Additional information For graduate students:

Because of competition for the space that is available, as well as the amount of time required for processing, students who seek admission to graduate programs are encouraged to contact the Office of Graduate Studies and Research, 206 Miller, (206) 543-7833, for application deadlines and program materials.

All graduate students working toward advanced degrees in the College of Education must have their summer class schedules approved by their faculty supervisors.

For complete details concerning graduate study, please refer to the current University of Washington *General Catalog*.

## UW Resource Guide for K-12 Educators

University of Washington Academic Programs for Teachers has published a resource guide to University of Washington programs and services for K-12 educators and their students. The guide will provide easier access to various outreach programs, courses, field trips and presentations offered by the UW. For details about accessing the guide, call (206) 543-2320.

## Educational Curriculum and Instruction (EDC&I)

115 Miller Hall, DQ-12  
Telephone: 543-1847

EDC&I offers courses required or appropriate for various graduate programs as well as a range of innovative and challenging courses and workshops for the new and veteran teacher.

### 424♦ Multiethnic Curriculum and Instruction (3)

*July 5-18* Designed to help teachers better understand the school's role in the ethnic education of students and acquire the insights, understandings and skills needed to design and implement curricular and instructional strategies that reflect ethnic diversity.

### 425♦▲ Learning Variables of Minority Youth (3)

Designed to equip educators with appropriate skills in effective teaching of culturally and socioeconomically different students. Attention is directed to understanding how these students differ from mainstream youth and what the implications are for instructional strategies in the classroom. No credit is given for students who have completed EDPSY 513.

### 434♦ Introduction to Computers in the Classroom (3)

An overview of the uses of computers in education. Emphasizes the uses of computers in instruction, classroom management (grade-books, utilities, etc.), evaluation of software, overview of programming and word processing. No prior experience is required. CR/NC only.

### 437♦ Uses of Computer Application Packages in Schools (3)

Introduction to the instructional and management uses of application programs. Topics may include: data bases, spreadsheets, word processing, graphics packages, graphing utilities, telecommunication, desktop publishing. Emphasis is on K-12 setting. Prerequisites: 434 or equivalent and word processing skills. CR/NC only.

### 453▲ Teaching the Bilingual/Bicultural Student (3)

Educational needs of bilingual students: research findings, special programs, materials and methodologies that bilingual-bicultural education can provide to meet those needs. Cultural combinations of bilingual populations in American culture; historical, social and linguistic factors affecting their K-12 education.

### 454♦ Cooperative Learning in the Classroom (3)

*June 20-July 1* Theory and research on cooperative learning and current practices of managing such learning. Team learning activities

and opportunities to plan and try out lessons and materials using several different strategies. CR/NC only.

### 455♦ The Language Arts: Instructional Problems and Practices in the Elementary School (3)

Study of important and recent research in elementary school language arts and consideration of its practical implications for teaching. Prerequisite: teaching experience.

### 456♦ Workshop in Instructional Improvement: Language Arts (1-6, max. 15)

#### A. Multicultural Literature for Students (3)

*July 5-18* Students read both fiction and nonfiction in developing bibliographies for their classroom teaching. They also use response journals, literature circles and grade-level discussions in planning ways of integrating multicultural literature in the classroom. Recommended: 459A.

#### B. ESL Reading (3)

Provides reading and lecture material on reading techniques specifically suitable for students with limited English proficiency; focuses on both materials for use with LEP students and appropriate instructional strategies for teachers of LEP students.

### 457♦ Methods in Teaching ESL (3)

Prepares preservice and inservice teachers to teach English as a second language and to meet the educational and linguistic needs of students who have little or no English language skills. Emphasis on a survey of first- and second-language-acquisition research and its educational implications, as well as instructional strategies consistent with the audiolingual, cognitive and creative construction approaches to second-language learning. Includes diagnostic-prescriptive strategies for classroom application.

### 459♦ Workshop in Instructional Improvement: Reading (1-6, max. 15)

#### A. Adult Educational Literature by Authors of Color (3)

*June 20-July 1* Adult literature by authors of color are used to develop multicultural perspectives. Especially geared to teachers of K-12 who select literature for use in their classrooms. This course is recommended as a prerequisite for 456A, *Multicultural Literature for Students*.

### 462♦ Reading in the Secondary School (3)

Teaching of reading in the secondary schools, including vocabulary development, comprehension, speed reading in the content fields and organization of reading programs at the secondary level. Prerequisite: teaching experience or concurrent internship and entry code. (Miller 211).

### 465♦ Social Studies Education: Elementary School Programs and Practices (3)

Stresses curriculum patterns, instructional procedures, resource materials and selection of content in social studies. For elementary and junior high school teachers. Prerequisite: teaching experience.

### 470♦ Science Education: Elementary School Programs and Practices (3)

Designed for classroom-teachers with reference to the teaching and learning of science from kindergarten through grade six. Emphasis on objectives, methods and materials, as related to the concepts and processes of science. Prerequisite: teaching experience.

### 471♦ Science Education: Secondary School Programs and Practices (3)

Survey of the status and potential role of science in education: trends and their implications for the teaching of both biological and physical sciences in the junior and senior high schools; representative curricula and related teaching procedures; the psychology of concept formation and problem solving; organization of science programs. Prerequisite: teaching experience.

### 472▲ Environmental Education for Teachers (3)

*July 21-August 5* Status, selected problems and the role of environmental education in programs of elementary, middle and junior high schools. Opportunity to examine and receive instruction in use of existing environmental education instructional materials. Instruction is in the spirit of inquiry/discovery. Prerequisite: teaching experience.

### 473♦ Workshop in Instructional Improvement: Science (1-6, max. 15)

#### A. Pacific Science Center: Environmental Science in an Urban Setting (3)

*July 5-15* Living things are affected by their environment, while the physical environment is altered by organisms. This workshop uses active participation and hands-on activities to explore themes of environmental education. Activities make use of the unique features of urban settings such as the school yard, parking lot, neighborhood park and playfield, as well as special urban environments of parks, streams and beaches as locations to study and learn. Recommended for teachers of upper elementary and middle school. A required materials fee of \$15, payable to Pacific Science Center, will be collected at the first class.

## CLASSES TO BETTER UNDERSTAND STUDENTS AND THEIR NEEDS

### *Seminar in Curriculum and Instruction: Youth, Culture, Development and Education*

June 20-July 1  
EDC&I 505A♦, 3 credits

Interdisciplinary focus on youth, with special attention to sociocultural and linguistic studies through which urban youth have been defined and debated. Gang histories and structures, ghetto and project life, socialization of children and youth, and aesthetic expression (graffiti, vernaculars, music and drama). Case studies investigating language and culture patterns within institutions (e.g., families, schools, youth groups—including boys and girls clubs, neighborhood basketball leagues, etc.), and service agencies. Research methods emphasized will be those of case studies and ethnographs. (EDC&I 505 may be repeated for a maximum of 15 credits.)

### *Special Topics in Organizational and Policy Analysis:*

#### *Creating Schools for All Children*

July 5-15  
EDLPS 579A♦, 3 credits

Focuses on the attitudes, behavior and values of formal and informal school leaders to ensure that equity and excellence exists for every child. There will be a particular emphasis on creating school environments that are more "user-friendly" for minority children. Included will be an examination of the instructor's findings after a nationwide visit of over 30 schools regarded as successful for children of color. (EDLPS 579 may be repeated for a maximum of 9 credits.)

### **473▲ Workshop in Instructional Improvement: Science (1-6, max. 15)**

#### **B. Pacific Science Center: Astronomy/Space Science (3)**

July 25-August 5 Investigate the phases of the moon, survival on other planets, stars and constellations in this activity-oriented course. Astronomy concepts are explored using hands-on materials and active participation. Recommended for teachers of upper elementary and middle school, all activities can easily be integrated into an existing astro/space curricula or used to create a new curricula. A required materials fee of \$15, payable to Pacific Science Center, will be collected at the first class.

#### **C. Pacific Science Center: Children's Literature and Science (3)**

August 8-19 Children's fiction provides an excellent opportunity for teachers and students to launch an investigative study of the scientific concepts introduced by a book's story line. This workshop uses children's literature as the springboard to creative and effective physical, earth and life science lessons that are appropriate and easily adapted to the curricula of the elementary (K-6) classroom. A required materials fee of \$15, payable to Pacific Science Center, will be collected at the first class.

### **474♦ Multi-Ethnic Studies: Methods, Content and Materials (3)**

Designed to help preservice and inservice teachers identify content and materials and devise methods for implementing ethnic studies programs and for incorporating ethnic content into regular K-12 social studies, language arts and humanities curricula. Special attention given to teaching about Native Americans, Mexican Americans, African Americans, Asian Americans, Puerto Rican Americans and White ethnic groups.

### **475♦ Improvement of Teaching: Elementary School Mathematics (3)**

Designed for elementary teachers. Emphasis on the contributions of research to the improvement of the teaching of mathematics in the elementary school. Prerequisite: teaching experience.

### **480♦ Introduction to Graduate Study in Educational Technology (3)**

Introduction to the theoretical and practical aspects of educational technology. Introduces history, conceptual orientation and research of the field. The practical application of theory and research through the procedures of instructional design and development are also examined.

### **485 Workshop in Instructional Improvement: Educational Communication and Technology (3)**

Designed to give students both an introductory understanding of the learning and teaching

theories in the field of educational technology and an opportunity to work with a variety of computer applications. Some philosophical assumptions will be examined about technology, some cautions will be suggested about the claims often made for technology and students will be provided with as much time as possible to explore and use applications that may be useful in individual work.

### **494♦ Workshop in Improvement of Curriculum (1-6, max. 15)**

#### **A. Japan Institute for Social and Economic Affairs (4)**

Exposure to Japanese culture through lectures, discussions and site visits. Participants develop instructional materials for teaching about Japan and intercultural understandings. Open only to NCSS/KEZ41 KOHO fellows.

#### **B. Alternative Assessments in K-12 Mathematics (3)**

Alternatives to the usual forms of assessment will be discussed. Students will develop open-ended and project questions along with scoring rubrics to be used in their classes.

### **494▲ Workshop in Improvement of Curriculum (1-6, max. 15)**

#### **C. Multicultural Education (3)**

July 21-August 3 Designed to help practicing educators develop an understanding of the concepts, issues and strategies needed to implement multicultural education reform. The aims of multicultural education, multicultural education approaches, curriculum transformation and the knowledge components in multicultural curriculum reform are among the topics that will be discussed.

### **495▲ Workshop in Improvement of Teaching: Selected Topics, Issues or Problems (1-6, max 15)**

#### **A. Improvement of Teaching (3)**

Individual or group projects to help teachers adapt instruction to selected topics, issues, or problems and to identify the approaches and instructional resources that will provide the soundest learning experiences.

#### **B. ESL Materials, Assessment and Instruction (3)**

Designed for teachers working with non- and limited-English-proficient students. Emphasis on the selection and adaptation of materials and resources, assessment techniques and instructional methods for the bilingual/ESL classroom.

### **496 Workshop in Instructional Improvement (2-6, max. 6)**

#### **A. Elementary and Middle School Emphasis (3)**

August 8-19 In this two-week long workshop, participants get a chance to familiarize themselves with the NCTM's Curriculum Standards

document. The goal of the workshop is to attain a critical understanding of the material of the standards, which is necessary for adapting it to individuals' instructional plans. There will be opportunities to develop instructional material aligned to the philosophical principles of the Standards.

#### **497♦ Dealing with Disruptive Students: Middle School Emphasis (3)**

*July 5-18* Several approaches to discipline. Using research, theory and practice, participants develop individual action plans for classroom management, create formats to identify disruptive behavior and devise means for evaluating the effectiveness of teacher intervention. Prerequisite: student teaching which may be done concurrently. CR/NC only.

#### **500 Field Study (3 or 6, max. 9)**

Individual study of an educational problem in the field under the direction of a faculty member. Prerequisites: approved plan of study and permission of the instructor must be filed in the Office of Curriculum and Instruction in the College of Education.

#### **505♦ Seminar in Curriculum and Instruction (1-3, max. 15)** **A. Youth, Culture, Development and Education (3)**

*June 20-July 1* Interdisciplinary focus on youth, with special attention to sociocultural and linguistic studies through which urban youth have been defined and debated. Gang histories and structures, ghetto and project life, socialization of children and youth, and aesthetic expression (graffiti, vernaculars, music and drama). Case studies investigating language and culture patterns within institutions (e.g., families, schools, youth groups—including boys and girls clubs, neighborhood basketball leagues, etc.) and service agencies. Research methods emphasized will be those of case studies and ethnographs.

#### **531 Seminar: Analysis of Reading Material (3)**

Students formulate and apply criteria for assessing materials, with emphasis on linguistic, cultural and psychological factors; instruction effectiveness, interest level; and educational objectives. Prerequisites: teaching experience and one basic course in the teaching of reading.

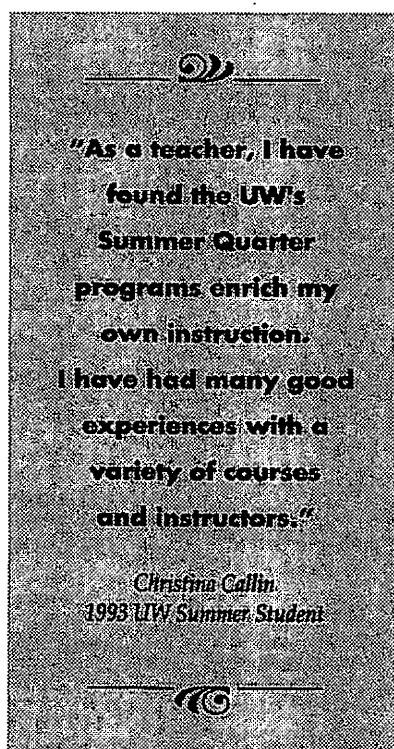
#### **532♦ Seminar in Research in Reading (3)**

Primary focus on those aspects of the reading process that are of concern in a developmental reading program. Emphasis on research design, evaluation of research and research findings dealing with factors influencing reading ability, problems in skill development, and recreational

reading. Includes group and individual analysis of studies with attention to research design and measurement. Prerequisite: entry code (Miller 122).

#### **555 Educational Futures (3)**

Concept of alternative futures stressing manageability of future. Attention is given to current and future events that can or might impact education. Basic future studies methods are considered with opportunities to apply such methods within the educational arena. Prerequisite: prior graduate course work or experience in education.



#### **558♦ Secondary School Curriculum (3)**

Systematic description and analysis of current curriculum practices, with particular emphasis on the factors and forces affecting secondary school curriculum.

#### **559♦ Principles and Procedures of Curriculum Development (3)**

Intensive study of the basic principles and procedures utilized in the development of curricula. Prerequisite: teaching practicum or equivalent experience.

#### **561♦ Seminar in Language Arts (3)**

Study of recent research in language structure with special attention to research pertaining to the teaching of language skills: auding, speech and written composition. Course work includes group and individual analysis of language arts studies with attention to research design and measurement. Prerequisite: permission of instructor.

#### **565♦ Seminar in Social Studies Education: Elementary Emphasis (3)**

Intensive study of the social studies curriculum, with particular emphasis on current literature and research. Prerequisite: 465 or equivalent.

#### **566♦ Seminar in Social Studies Education: Secondary Emphasis (3)**

Intensive study of the social studies curriculum, with particular emphasis on current literature and research. Prerequisite: 466 or equivalent.

#### **570♦ Seminar in Science Education: Elementary Emphasis (3)**

Investigation of curriculum and instruction in science, with particular emphasis on current literature and research. Prerequisite: 470 or equivalent. CR/NC only.

#### **571♦ Seminar in Science Education: Secondary Emphasis (3)**

Investigation of curriculum and instruction in science, with particular emphasis on current literature and research. Prerequisite: 471 or equivalent. CR/NC only.

#### **599 Independent Studies in Education (\*)**

Independent studies or readings of specialized aspects of education. Prerequisite: permission of instructor.

#### **601 Internship (3-9, max. 9)**

Recommended for all doctoral candidates preparing for positions as curriculum directors in public school systems. Half-time work in a school district or districts in proximity to the University of Washington for one, two, or three quarters, depending upon the student's previous experience. Supervision by staff members of the College of Education and the appropriate school staff member in charge of curriculum in the selected school district. Prerequisites: 599 and approved plan of study filed in the Office of Educational Curriculum and Instruction, and entry code (Miller 122). CR/NC only.

#### **Courses by special arrangement**

*Undergraduate Research, Independent Studies in Education, Independent Study or Research*

## Educational Leadership and Policy Studies (EDLPS)

M204 Miller Hall, DQ-12  
Telephone: 543-1891

Graduate-level studies in K-12 administration, social foundations, organizational and policy analysis, and higher education. M.Ed., Ed.D., Ph.D., and/or K-12 administrative credential programs.

### 479♦ Crucial Issues in Education (3)

Examines selected educational issues, policies and contexts. Includes evolution of the American educational enterprise, legal issues, professionalism, finance and other vital educational concerns. Prerequisite: admission to the Teacher Certification Program or permission, and entry code (211 Miller Hall).

### 505 Transition to Leadership (3)

Development and administration of systems for selection, evaluation and clinical supervision of certificated and classified personnel. Focuses on leadership models and transition to a leadership role, including opening a school or program and dealing with student/school crises. (Only for students admitted to the EDLPS Principal/Program Administrator Program.)

### 521▲ Philosophy of Education (3)

Philosophy of education considered as a study of the conceptual basis for educational policy and practice. Emphasis on relationships between enduring educational problems and fundamental philosophic issues; concepts that feature centrally in educational discourse; and conceptual analysis as a means for clarifying decisions regarding educational policy and practice.

### 530♦ History of Educational Thought (3)

An overview of the influence of cultural context on educational theory and practice from classical times to the present.

### 579♦ Special Topics in Organizational and Policy Analysis (1-3, max. 9)

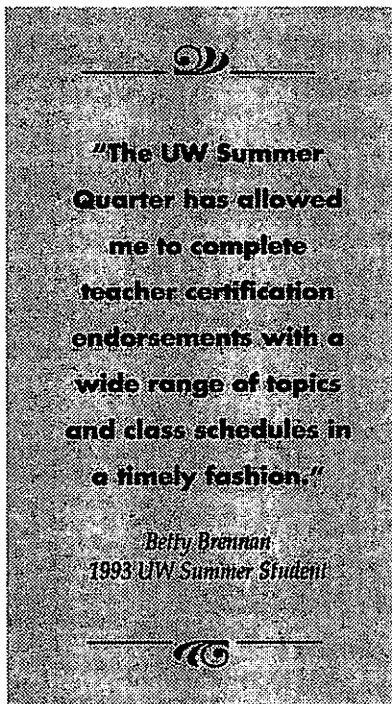
#### A. Creating Schools for All Children (3)

July 5-15 Focuses on the attitudes, behavior and values of formal and informal school leaders to ensure that equity and excellence exists for every child. There will be a particular emphasis on creating school environments that are more "user-friendly" for minority children. Included will be an examination of the instructor's findings after a nationwide visit of over 30 schools regarded as successful for children of color.

#### B. Creating the Learning Community: Rethinking American Education (3)

June 27-July 1 Since its inception, American education has been compartmentalized and iso-

lated (community colleges, four-year colleges, K-12, early childhood, special education, adult and continuing education and vocational education). The result has been the creation of a system of education that is incapable of addressing the needs of society and unresponsive to the needs of the students it is supposed to serve. In this seminar we shall explore what it means to be part of a "learning" community and explore strategies for overcoming the systemic obstacles, cultural, economic, political and organizational, that limit our ability to think differently about what it means to be educated and how to create conditions that make such an education possible. We are seeking students who aspire to leadership positions and are interested in a new way of conceptualizing the purpose, role and structure of public education.



### 588♦ Seminar in Administration of Community Colleges (3)

July 5-18 For students preparing for administrative positions in community colleges. Principles and practices in organization and administration of community colleges.

### 598♦ Special Topics in Higher Education (1-3, max. 9)

#### A. Seminar on the Community College (3)

June 20-24 Originally conceived, at least in some considerable part, as local institutions serving a local constituency, community colleges have increasingly moved in recent decades in a more international direction. In this

seminar we shall explore the reasons for this shift, both in terms of the benefits to overseas and to local constituencies. Controversies surrounding this move will be discussed.

### B. Higher Education and Public Policy (3)

This course focuses on public policies and policy-making processes affecting higher education. Policy analysis approaches for influencing these policies and processes are also emphasized. The course will include a brief overview of policy analysis methods and assumptions and will consider their application to higher education issues. Higher education policy making institutions and processes at the state and federal levels will be explored, as well as approaches used by colleges and universities and other interests to make their voices heard. Current policy issues in higher education, e.g., tuition and student financial aid goals and policies, systemic responses to increased numbers and changing demographic characteristics of students, public policy approaches to insure institutional accountability, and/or topics of interest to students. Students will research an aspect of one policy issue of interest to them, and give an oral and written report on the subject.

### 598♦ Special Topics in Higher Education (1-3, max. 9)

#### C. Ethics in Higher Education (3)

Intended for graduate students interested in higher education, including philosophy of higher education and higher education administration. Although primarily intended for doctoral students, the course may be suitable for master's degree students. Introduction to the study of professional ethics, including the philosophical and sociological approaches to developing models of ethical behavior. Proposes and critiques a particular taxonomy of ethical violations by professors. Major ethical dilemmas faced by institutions of higher education in the U.S. are also examined.

### Courses by special arrangement

Independent Study or Research, Internship

## Educational Psychology (EDPSY)

312 Miller Hall, DQ-12  
Telephone: 543-6347

The 1994 summer curriculum in educational psychology consists of core courses designed for graduate students in the College and wider University. For those returning to the University, the curriculum consists of a number of specially designed courses, which include advanced training for teachers, administrators, counselors and school psychologists.



Special seminars are offered in valid assessment for teachers, and working with multicultural children, families and the school. These courses are specifically designed to inform school practitioners about the latest in research and practicum.

Graduate students throughout the University will be interested in class offerings in research methods including experimental design and advanced correlational techniques. During b term, a seminar on multiple comparisons within analysis of variance will be offered.

Interested students will find core classes available in human learning, basic educational statistics and methods of educational research.

### 308 Evaluation in Education (3)

Fundamentals of measurement, construction of achievement tests, selection and administration of standardized tests and scales, and evaluation and application of test results. Prerequisite: entry code (211 Miller Hall).

### 490 Basic Educational Statistics (3)

Measures of central tendency and variability, point and interval estimation, linear correlation, hypothesis testing.

### 501 Human Learning and Educational Practice (3)

Systematic examination of current research about human learning and instructional psychology, including the study of motivation, human abilities, learning, the learning process, and performance assessment. Prerequisite: 304 or equivalent.

### 541 Group Tests in Counseling (5)

Emphasis on the utilization of objective measures in counseling. Prerequisites: 490 or equivalent, and entry code.

### 565 Personality Appraisal (5)

Study of personality evaluation with a supervised laboratory emphasizing work with children and their families. Prerequisites: 540, 548, entry code.

### 571 Educational Applications of Neuropsychology: Assessment and Intervention (5)

Students observe and administer neuropsychological tests and plan and carry out educational interventions for children with neuropsychological disorders. Content focuses on various neuropsychological disorders for which school psychologists can provide assessment and consultation. Prerequisites: 540 or equivalent course in individual testing and 471 or permission of instructor.

### 581A Seminar in Educational Psychology (1-3, max. 15)

#### B. Working with the Multicultural Child, Family and School (3)

Utilizing case studies, home and school experiences of children from diverse cultural backgrounds are examined from a developmental perspective in an attempt to isolate factors leading to satisfactory personality integration. Special reference is made to the problems of students from Third World immigrant families. CR/NC only.

### 584 Seminar in Quantitative Methods (3, max. 15)

#### A. Developing Valid Classroom Assessments (3)

Hands-on experience and practice in developing valid classroom assessments of complex, interdependent student learning. The focus will be on techniques for developing traditional assessments, performance-based assessments and portfolio-based assessments for use in classroom learning environments. Participants need prior K-12 classroom teaching experience and familiarity with basic concepts of measurement.

### 584A Seminar in Quantitative Methods (3, max. 15)

#### B. Multiple Comparisons (3)

An in-depth study of techniques to explore specific questions within an analysis of variance framework. The class will cover issues of violations of assumptions and recent advances in pairwise comparisons, planned comparisons and all possible comparisons. CR/NC only.

### 591 Methods of Educational Research (3)

Introduction to educational research. Primary focus on hypothesis development, experimental design, use of controls, data analysis and interpretation. Required of candidates for advanced degrees. Prerequisites: 490 and entry code (312 Miller Hall).

### 593 Experimental Design and Analysis (5)

Experimental design with emphasis on the analysis of variance. Prerequisites: 490 or equivalent, and 591 or permission of instructor, and entry code.

### 594 Advanced Correlational Techniques (5)

Multivariate analysis, including regression and multiple correlation; matrix algebra; factor analysis. Prerequisite: 490 or equivalent.

### Courses by special arrangement

*Undergraduate Research, Field Study, Independent Studies in Education, Independent Study or Research, Case Study Seminar, Internship, Practicum*

## COURSES THAT FOCUS ON INTEGRATING CULTURE AND CAPABILITIES

### Seminar in Educational Psychology: *Working with the Multicultural Child, Family and School*

#### EDPSY 581B▲, 3 credits

Utilizing case studies, home and school experiences of children from diverse cultural backgrounds are examined from a developmental perspective in an attempt to isolate factors leading to satisfactory personality integration. Special reference is made to the problems of students from Third World immigrant families. CR/NC only. (EDPSY 581 may be repeated for a maximum of 15 credits.)

### Workshop In Special Education: *Inclusion*

#### EDSPE 496B▲, 3 credits

The goal of this class is to provide students with information regarding the philosophy, instructional strategies, and implementation resources of inclusive education. The questions this class addresses include: What is inclusive education? What are the implications of inclusive education for general and special education teachers? What are some effective instructional strategies for inclusive education? Students analyze and discuss current articles on inclusive education, participate in cooperative learning activities, multi-level teaching role playing, and other instructional strategies. (EDSPE 496 may be repeated for a maximum of 15 credits.)

## Special Education (EDSPE)

102 Miller Hall, DQ-12  
Telephone: 543-1827 (V/TDD)

EDSPE courses are designed to meet the needs of both special education professionals and general education teachers who wish to better serve the students with disabilities in their classrooms.

### 404◆ Exceptional Children (3)

Atypical children studied from the point of view of the classroom teacher.

### 414◆ Introduction to Early Childhood Special Education (3)

Provides students with a comprehensive overview of major aspects of the field of early childhood special education. Theoretical foundations and program development and implementation are presented in an approach that integrates theory, research and practice.

### 419◆ Interventions for Families of Children with Disabilities (3)

Upper-division course for professionals and paraprofessionals working with families of children with disabilities enrolled in special education or inclusive programs.

### 496 Workshop in Special Education (1-9, max. 15)

#### A. Individual Topics (1-6)

Demonstration, observation and/or participation with groups of children with disabilities in laboratory or controlled classroom settings. Prerequisite: permission of instructor and entry code (102 Miller Hall). CR/NC only.

### 496◆ Workshop in Special Education (1-9, max. 15)

#### C. Techniques of Consultation and Collaboration in Special Education (3)

Focuses on the role of the special educator as consultant or collaborator in inclusive classroom or resource settings. Course content includes specific strategies for providing appropriate services for children with disabilities in general education settings. Cases generated by the class and the instructor are used to illustrate concepts presented.

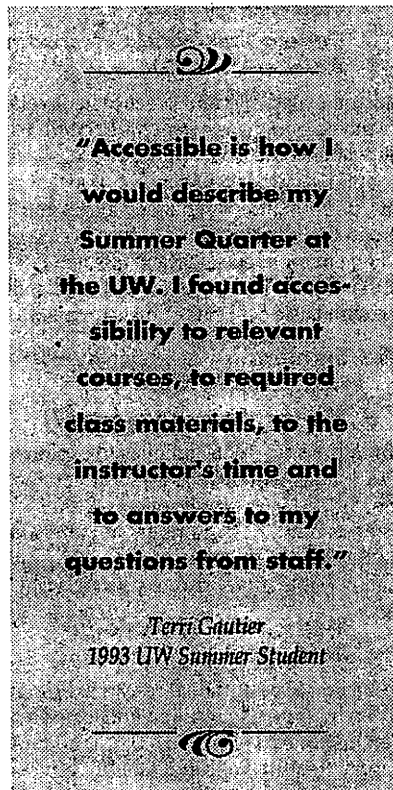
#### E. The Visually Impaired Child in the Public School Classroom (3)

June 20-July 1 Workshop for regular education classroom teachers which presents an overview of the education of visually impaired children in public school classrooms. Upon course completion, participants will have a general understanding of the philosophy of alternative techniques and which students will benefit from these techniques.

### 496▲ Workshop in Special Education (1-9, max. 15)

#### B. Inclusion (3)

The goal of this class is to provide students with information regarding the philosophy, instructional strategies, and implementation resources of inclusive education. The questions this class addresses include: What is inclusive education? What are the implications of inclusive education for general and special educa-



tion teachers? What are some effective instructional strategies for inclusive education? Students analyze and discuss current articles on inclusive education, participate in cooperative learning activities, multi-level teaching role playing and other instructional strategies.

#### D. Classroom Management (3)

Focuses on positive classroom management techniques and ways of effectively communicating with students, parents and school-site personnel. Other issues to be explored are teaching social skills and developing a classroom management style.

### 514▲ Fundamentals of Reading for Children with Disabilities (3)

Emphasis on basic prereading and reading skills, such as phonics and structural analysis, specifically for the disabled child. Acquisition of comprehension skills by the disabled. Diagnosis of reading problems, published materials appropriate for children with disabilities, material modification.

#### Courses by special arrangement

Field Study, Independent Study or Research, Internship

## Independent Study, Research and Field Experiences (EDUC)

Independent study courses may be used for continuing certification and endorsements.

### 401 Practicum in Community Service Activity (3-5)

Tutoring and teaching experiences in a specific community service organization, placement made according to participant interests and needs. Approximately 20 hours of participation on a predetermined schedule plus scheduled seminars are required for each credit earned. Participants wishing to utilize community service experience to satisfy, in part, certification requirements should make arrangements prior to enrollment with the Assistant Director of Certification. Prerequisites: application during quarter prior to participation and permission of instructor (211 Miller). CR/NC only.

### 423▲ Educating Diverse Groups (3)

Background information is provided on socioeth-nic/cultural diversity; its impact on school structure, programming and administration. Focuses on socioeconomic, ethnic minority, women, handicapped groups. Educational implications of discrimination based on these factors are emphasized. Prerequisite: admission to Teacher Education Program.

### 501 Advanced Practicum in Community Service Activity (3-5)

Opportunity is provided postbaccalaureate students with selective, in-depth participation and teaching experiences in a specific community service organization. Approximately 20 hours of participation plus scheduled seminars are required for each credit earned. Participants wishing to utilize the practicum to satisfy, in part, graduate degree requirements should make arrangements with their graduate program adviser and the Assistant Director of Certification prior to registration. Prerequisites: application for assignment and entry code (211 Miller). CR/NC only.

#### Courses by special arrangement

Master's Thesis, Doctoral Dissertation

# OTHER PROGRAMS OF INTEREST TO EDUCATORS

*Summer courses for educators are scheduled in the arts, foreign languages, English, social studies, science and mathematics.*

## Music education courses

Over 40 courses and workshops are offered for music educators this summer, including:

MUSED 200◆▲ Music, Child and Family

MUSED 496 Special Topics in Music Education:

- F. A Vision of the Future: Seven Ideas to Drive Music Teaching in the Next Century
- J. Personal Computers in Music Education: Using Encore and Finale
- P. Music, Art, and Social Studies

For a complete list of courses, see pages 30-33.

## Intensive language courses

Courses are offered in the following languages:

- Arabic
- Bengali
- Chinese
- French
- German
- Greek
- Hebrew
- Hindi
- Italian
- Japanese
- Kazakh
- Kirghiz
- Korean
- Latin
- Lithuanian
- Polish
- Russian
- Spanish
- Swahili
- Swedish
- Tajik
- Uzbek

## Advanced Study Program for high school students

The Advanced Study Program allows qualified high school students to enroll in UW courses during the summer. The program is designed for high-achieving students who have completed their high school freshman year by June 15. Each student enrolling for credit establishes a UW transcript. For more information, see page 122.

## Content-area courses for educators

Please refer to individual departmental listings for content areas of interest to you. Some special courses include:

- DRAMA 395 Creative Classroom Computing (page 20)
- ENGL 445 Colloquium in English for Teachers (page 22):
  - A. Tutoring At-Risk Children
  - B. Teaching Composition
- GPHYS 480 Special Topics in Geophysics: Earth Sciences for Teachers (page 24)
- MATH 170 Mathematics for Elementary School Teachers (page 29)
- MATH 411◆412▲ Introduction to Modern Algebra for Teachers (page 29)
- SPHSC 449◆ Special Studies in Speech Pathology and Audiology: Children's Language Disorders: An Overview of Service Delivery (page 42)
- SPHSC 581▲ Management of Hearing-Impaired Children (page 43)
- SPCH 341◆ Oral Interpretation of Children's Literature (page 44)
- SPCH 498◆ Special Topics in Speech Communication: Oral Interpretation of Fiction by Judy Blume (page 44)
- WOMEN 415◆ Gender Equity in Education (page 45)

## Independent Study

There is no limit to the number of Independent Study credits which may be used for continuing certification and endorsements. For a list of courses, see pages 141-143, or call (206) 543-2320 for a Independent Study Bulletin.

## Academic Programs for Teachers

University of Washington Academic Programs for Teachers (APT) offers a variety of content-area programs exclusively for teachers. Designed cooperatively by the Colleges of Arts and Sciences and Education and by educators in the community, the programs address concerns specific to the teaching profession. Follow-up activities are included to help participants apply what they have learned in their classrooms. The overall goal of APT is to make the resources of the UW more accessible to teachers. Many of the programs are grant-funded and are offered for reduced fees. To receive 1994 program information, call (206) 543-2320.

## UW Resource Guide for K-12 Educators

University of Washington Academic Programs for Teachers has published a resource guide to University of Washington programs and services for K-12 educators and their students. See page 50 for details.

## Puget Sound Writing Program

Affiliated with the National Writing Project, the Puget Sound Writing Program Institute is a four-week, eight-credit collaborative program for teachers of writing in elementary and secondary schools and community colleges. The institute's focus is on the writing process and the teaching of writing, accomplished through research, writing and demonstration of writing instruction. See page 21 for details. Although the application deadline has passed, spaces may still be available. For a brochure and application, please call (206) 543-2320.

## Educational Resources on the Internet for Teachers and Librarians

This hands-on five day course (June 27-July 1) will explore the educational resources available to teachers and librarians on the Internet. For a brochure and application for this course call 543-2320. The application form at the back of this bulletin is not applicable.

## College of Engineering

With the exception of engineering college courses (ENGR), enrollment in College of Engineering courses during Summer Quarter usually consists of continuing University of Washington students who have been accepted into an engineering degree program. *However, other students are encouraged to contact the departmental offices for possible registration on a space-available basis.* Students seeking to enter an engineering degree program should consult the appropriate departmental office; each major program has its own admission policies, procedures and admission closing dates.

### Aeronautics and Astronautics (A A)

206 Guggenheim Hall, FS-10  
Telephone: 543-1950

#### Courses by special arrangement

*Special Projects, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

### Chemical Engineering (CH E)

105 Benson Hall, BF-10  
Telephone: 543-2250

#### 456 Physical Chemistry (3)

Chemical thermodynamics. Laws of thermodynamics presented with applications to phase equilibria, chemical equilibria and solutions. Joint with CHEM 456. Prerequisites: 155 or 160, MATH 126 (307 and 308 recommended), and college physics. May be taken without 455.

#### Courses by special arrangement

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

### Civil Engineering

201 More Hall, FX-10  
Telephone: 543-2390

Civil Engineering courses are classified as:

- Civil Engineering core courses
- Structural and Geotechnical Engineering and Mechanics
- Transportation, Surveying and Construction Engineering
- Environmental Engineering and Science

### Civil Engineering Core Courses (CIVE)

#### 380 Elementary Structures II (3)

Classification and idealization of structures. Theorem of virtual work. Unit load method of beams, frames and trusses. Matrix formulation of theorem of virtual work. Force method for statically determinate and indeterminate method. Moment distribution for beams and frames including sway analysis. Prerequisite: 379, civil engineering student status, or permission of instructor.

#### 407 Contracts and Specifications (3)

Construction industry, forms or organizations, real property laws and bidding procedures. Basic elements of contracts, types of specifications, general conditions of standard construction contracts, legal disputes related to construction contract provisions, surety bonds and construction insurance. Prerequisite: 306 or permission of instructor.

#### 455 Structural Unit Masonry (4)

Structural behavior and design of reinforced brick, tile and unit masonry structures. Joint with ARCH 455.

#### 451 Design of Metal Structures (3)

Introduction to the design and behavior of metal structures using LRFD concepts. Application of design methods and codes to columns, beams, frames, connections and tension members. Prerequisite: 381; recommended: 474, 475.

#### 499 Special Projects: Transportation, Construction and Geomechanics (1-5, max. 6)

Individual undergraduate research projects. Maximum of six credits allowed toward an undergraduate degree. Prerequisite: entry code.

#### Courses by special arrangement

*Master's Thesis, Doctoral Dissertation*

### Structural and Geotechnical Engineering and Mechanics (CESM)

#### 599 Special Topics: Structures and Mechanics (2-5, max. 15)

Prerequisite: entry code.

#### Course by special arrangement

*Independent Study or Research*

### Transportation, Surveying and Construction Engineering (CETS)

#### 599 Special Topics: Transportation, Construction and Geomechanics (2-5, max. 15)

Prerequisite: permission of instructor and department chairperson.

#### Course by special arrangement

*Independent Study or Research*

### Environmental Engineering and Science (CEWA)

#### 599 Special Topics: Water and Air Resources (2-5, max. 15)

Prerequisite: permission of instructor and department chairperson.

#### Course by special arrangement

*Independent Study or Research*

### Computer Science and Engineering (CSE)

114 Sieg Hall, FR-35  
Telephone: 543-1695

#### 142 Computer Programming I (4)

Computer programming in a high-level language. Emphasizes algorithms (variables, expressions, statements); abstraction (data types, subprograms, packages, generics); analysis (correctness, efficiency, numerics). Program design analysis: specification, coding, documentation, testing, debugging, evaluation (mostly in Ada, including FORTRAN). Using software tools. Joint with ENGR 142.

#### 143 Computer Programming II (5)

Continuation of CSE/ENGR 142. New topics include analyzing algorithms; using/writing standard software components (queues, stacks and tables) implemented by private types, generic packages and dynamic data structures (lists and trees); recursive data- and control-structures. The last two weeks survey topics in computer science. Prerequisites: 142 or ENGR 142.

#### 590 Special Topics in Computer Science (\*)

There are several offerings each quarter, on topics of current interest. Prerequisite: permission of instructor.

#### Courses by special arrangement

*Reading and Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Electrical Engineering (E E)**

215 Electrical Engineering Building, FT-10  
Telephone: 543-2142

**235 Signal Analysis (4)**

Introduction to continuous and discrete time signal analysis. Basic signals including impulses, pulses and unit steps. Periodic signals. Convolution of signals, Fourier series and transforms in discrete and continuous time. Computer illustrations. Prerequisites: PHYS 122, 132 and concurrent registration in MATH 307.

**331 Devices and Circuits I (5)**

Fundamentals of electrons and holes in semiconductors; physical processes of drift; diffusion, recombination; structure characteristics of pn-junction diodes; use and analysis of junction diodes in nonlinear circuit applications; structure, characteristics of field-effect transistors; use and analysis of field-effect transistors in nonlinear circuit applications. Weekly laboratory. Prerequisite: ENGR 233.

**332 Devices and Circuits II (5)**

Structure, characteristics of bipolar transistors; nonlinear circuit applications of bipolar transistors; small-signal analysis and models for field-effect, bipolar transistors; linear circuit applications including differential amplifiers, current sources and mirror, gain stages, output stages; internal circuitry of opamps; opamp configurations; frequency response, compensation. Weekly laboratory. Prerequisite: 331.

**361 Applied Electromagnetics (4)**

Introductory electromagnetic field theory and Maxwell's equation in integral and differential forms; uniform plane waves in linear medium; boundary conditions and reflection and transmission of waves; guided waves; transmission lines and Smith chart; electrostatics and magnetostatics. Prerequisites: ENGR 233, MATH 328.

**371 Digital Circuits and Systems (4)**

Introductory course in digital logic. Boolean algebra, combinational and sequential circuits, combinational and sequential logic design, programmable logic devices and design and operation of digital computers, including ALU and memory. Four-hour laboratories every other week. Prerequisites: ENGR 142 and ENGR 275.

**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

**433 Analog Circuit Design (5)**

Design of analog circuits and systems applying modern integrated circuit technology: opera-

tional amplifiers, differential amplifiers, active filters, voltage references and regulators. Prerequisite: 356.

**446 Control System Analysis I (4)**

Linear servomechanism theory and design principles. Pole-zero analysis, stability of feedback systems by root-locus and real-frequency response methods. Design methods of Bode and Nichols. Introduction to advanced topics in automatic control theory. Prerequisites: 335, ENGR 230 recommended. Electrical and computer engineering majors only. Nonmajors need departmental permission.

**499 Special Projects (2-5, max. 10)**

Assigned construction or design projects carried out under the supervision of the instructor. Prerequisite: permission of department.

**505 Introduction to Probability and Random Processes (4)**

Foundations for the engineering analysis of random processes; set theoretic fundamentals, basic axioms of probability models, conditional probabilities and independence, discrete and continuous random variables, multiple random variables, sequences of random variables, limit theorems, models of stochastic processes, noise, stationarity and ergodicity, Gaussian processes, power spectral densities. Prerequisite: graduate standing.

**599 Selected Topics in Electrical Engineering (\*)**

Prerequisite: permission of instructor.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Engineering (College Courses) (ENGR)**

356 Loew Hall, FH-10  
Telephone: 543-8590

**123 Introduction to Engineering Graphics (4)**

Freehand sketching, lettering, scales, use of instruments, layout drawings, orthogonal projection, descriptive geometry, pictorials and basic dimensioning. Communicating technical information in engineering design and research. Introduction to computer-aided design drafting.

**142 Computer Programming for Engineers and Scientists I (4)**

Computer programming in a high-level language. Emphasizes algorithmics (variables, expressions, statements); abstraction (data types, subprograms, packages, generics); analysis (correctness, efficiency, numerics). Program design analysis: specification, coding, documentation, testing, debugging, evaluation (mostly in

Ada, including FORTRAN). Using software tools. Joint with CSE 142.

**170 Fundamentals of Materials Science (4)**

Elementary principles underlying the structure and properties of materials utilized in the practice of engineering. The properties of inorganic and organic materials are related to atomic, molecular and crystalline structure. Metals, ceramics, multiphase systems, and natural and synthetic polymeric materials are included. Mechanical stress, electromagnetic fields, irradiation, and thermal and chemical changes are considered with respect to their influences on mechanical, electrical and chemical properties. For advanced freshmen and sophomores. Prerequisite: CHEM 150 or permission of adviser.

**199 Special Projects (1-3, max. 3)**

Students propose problems to solve to an engineering faculty member. The problems may be selected from the student's own experiences and interests, from the interest of the faculty member, or from other sources, such as faculty or graduate students doing research projects, or from personnel in the physical medicine area, occupational therapy, hospital, industry, government, etc. Corroboration by an engineering faculty member is required. Project suggestions are available. Prerequisite: entry code.

**210 Engineering Statics (4)**

Principles of statics, basic concepts, parallelogram law, Newton's law, resultants, force-couple relationships, equilibrium diagrams, equilibrium analysis, three-dimensional structures, two-dimensional frames, trusses, beams and friction. Vector algebra used throughout the course. Prerequisites: MATH 126 and PHYS 121; graphics background recommended.

**220 Introduction to Mechanics of Materials (4)**

Introduction to the concepts of stress, deformation and strain in solid materials. Development of basic relationships between loads on structural and machine elements such as rods, shafts and beams, and the stresses, deflections and load carrying capacity of these elements under tension, compression, torsion, bending and shear forces, or combinations thereof. Prerequisite: 210.

**230 Kinematics and Dynamics (4)**

Kinematics of particles, systems of particles and rigid bodies; moving reference frames; kinetics of particles, systems of particles and rigid bodies; equilibrium, energy, linear momentum, angular momentum, Euler equations and special problems (e.g., central force motion, vibration). Prerequisite: 210.

**231 Introduction to Technical Writing (3)**

Principles of organizing, developing and writing technical information. Report forms and rhetorical patterns common to scientific and technical disciplines. Technical writing conventions such as headings, illustrations, style and tone. Numerous written assignments required. Required for all engineering majors. Prerequisite: one 5-credit composition course.

**260 Thermodynamics (4)**

Introduction to basic principles of thermodynamics from a predominantly macroscopic point of view. Development of the basic laws of thermodynamics, together with their illustration by application to energy transformations and state changes in engineering problems. Prerequisites: MATH 126, PHYS 121 and CHEM 140.

**321 Engineering Cooperative Education (1-5, max. 16)**

Prerequisite: entry code (Loew 353). CR/NC only.

**322 Engineering Cooperative Education Postwork Seminar (1-5, max. 16)**

Prerequisite: entry code (Loew 353). CR/NC only.

**333 Advanced Technical Writing and Oral Presentation (4)**

Emphasis on the presentation of technical information to various audiences. Style of writing required for proposals, reports and journal articles. Oral presentation principles, including use of visuals, as well as organizing and presenting an effective talk. Prerequisite: 231.

**498 Special Topics in Engineering (1-5, max. 6)**

Prerequisite: entry code (Loew 356)

**499 Special Projects in Engineering (1-3, max. 6)**

Prerequisite: entry code (Loew 356)

**Materials Science and Engineering (MSE)**

302 Roberts Hall, FB-10  
Telephone: 543-2600

**599 Introduction to Biomimetics: Problems and Challenges (3)**

Principles of biomimetics, lesson from biology; soft tissues, hard tissues, biocomposites; principles of hierarchy in biological materials; physical properties; (one chemical, magnetic, optical, piezoelectric); tools for characterization of structures of biocomposites; concepts of

biomimicking and bioduplication, mechanisms of biomineralization, materials applications (small particles, thin films, laminates) and future prospects.

**Courses by special arrangement**

*Special Projects, Independent Study, Master's Thesis, Doctoral Dissertation*

**Mechanical Engineering (M E)**

143 Mechanical Engineering Building, FU-10  
Telephone: 685-0908

**304 Manufacturing Processes (3)**

Study of manufacturing processes, including interrelationships between the properties of the material, the manufacturing process and the design of component parts. Prerequisite: 343.

**333 Introduction to Fluid Mechanics (4)**

Introduction to the basic fluid laws and their application. Conservation equations, dynamic similarity, potential flow, boundary layer concept, effects of friction, compressible flow, fluid machinery, measurement techniques. Prerequisites: ENGR 260, MATH 307.

**353 Machine Design Analysis (4)**

Analysis, design and selection of mechanical subsystems and elements, such as gears, linkages, cams and bearings. Prerequisites: 343, 352.

**395 Introduction to Mechanical Design (4)**

Design process and methodology; decision making; optimization techniques; project planning; engineering economics; probabilistic and statistical aspects of mechanical design; ethical and legal issues. Prerequisites: 352, 373, ENGR 123, ENGR 260, ENGR 315.

**434 Advanced Mechanical Engineering Laboratory (3)**

Introduction to engineering measurement problems and techniques including interpretation of experimental data based upon the theories of probability and statistics. Experiments in all areas of mechanical engineering using single-component and multicomponent systems. Prerequisites: 323, 331, 333, 343, 374 and ENGR 315.

**469 Applications of Dynamics in Engineering (4)**

Application of principles of dynamics to selected engineering problems, such as suspension systems, gyroscopes, electromechanical devices. Includes introduction to energy methods, Hamilton's principle and Lagrange's equations and design of dynamic systems. Prerequisites: 374, ENGR 230, or permission of instructor.

**Courses by special arrangement**

*Special Projects, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Nuclear Engineering (NUC E)**

303 Benson Hall, BF-20  
Telephone: 543-2754

**Courses by special arrangement**

*Master's Thesis, Doctoral Dissertation*

**Technical Communication (TC)**

14 Loew Hall, FH-40  
Telephone: 543-2567

**495 Professional Practice (3-5, max. 10)**

Supervised internship in a working publications organization approved by the faculty adviser. A minimum of one internship is required of students taking an interdisciplinary degree in technical communication. Prerequisite: 3.0 average in required TC courses, or permission of TC Admissions and Academic Standards Committee. CR/NC only.

**Courses by special arrangement**

*Special Projects, Independent Study or Research, Master's Thesis*

**College of Forest Resources**

116 Anderson Hall, AR-10,  
Telephone: 543-7081.

Two scheduled courses, intern, tutorial, research and thesis courses are offered; all except ESC 350 and UHF 331 require an entry code. Tutorial study is designed to meet the individual requirements of undergraduate and graduate students and may include literature review and field and laboratory work; consult the *Time Schedule* section in this bulletin for a complete listing of tutorial courses.

**Ecosystem Science and Conservation (ESC)**

**350 Wildlife Biology and Conservation (3)**

Wildlife ecology and population biology and interrelationships between wild animals and humans, including encouragement of wildlife

population growth and productivity, control of pest populations, and preservation of endangered species, with emphasis on forest environments and forest faunas. Open to nonmajors. Prerequisite: junior standing.

#### Courses by special arrangement

*Undergraduate Studies, Internship*

### Forest Management and Engineering (FRM)

#### 300 Professional Forestry Internship (3-5, max. 8)

Comprehensive examination of an acceptable experience in professional forestry within a public or private agency, including operational policies and procedures. Preparation of professional assessment report and presentation of seminar based on internship in forest management in broad aspects. Prerequisites: completion of Pack Forest, instructor's permission and entry code.

#### Course by special arrangement

*Undergraduate Studies*

### Paper Science and Engineering (PSE)

#### Course by special arrangement

*Undergraduate Studies*

### Urban Horticulture (UHF)

#### 331 Landscape Plant Recognition (3)

Field recognition of important groups of woody and herbaceous landscape plants emphasizing diversity at the genus and family levels. Cultivated plant nomenclature. Plant descriptive character evident in the field with eye and hand lens. Hardiness and landscape applications. Joint with BOT 331. Recommended: BOT 113.

#### Course by special arrangement

*Internship*

### College of Forest Resources (CFR)

#### Courses by special arrangement

*Graduate Studies, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

## Interdisciplinary Graduate Degree Programs

### Individual Ph.D. Program (IPHD)

201 Administration Building, AG-10

Telephone: 543-5900

#### Courses by special arrangement

*Independent Study or Research, Doctoral Dissertation*

### Behavioral Neuroscience

G424 Health Sciences, SJ-40

Telephone: 685-0519

#### Course by special arrangement

*Doctoral Dissertation*

## Interschool or Intercollege Programs

### Bioengineering (BIOEN)

309 Harris Hydraulics Laboratory, WD-12

Telephone: 685-2000

#### 499 Special Projects (2-6, max. 6)

#### 599 Special Topics in Bioengineering (1-6, max. 15)

#### Courses by special arrangement

*Independent Study or Research, Master's Thesis, Doctoral Dissertation*

### Quantitative Science (Q SCI)

3737 15th Ave. NE, HR-20

Telephone: 543-1191

#### 381 Introduction to Probability and Statistics (5)

An introduction to elementary probability and statistics with an emphasis on biological applications. Elementary concepts of probability include random variables, discrete and continuous distributions, expectation and variance. Inferential statistics include graphical methods, point and interval estimation, and basic

concepts of hypothesis testing. Introduction to computers and the MINITAB statistical software package. Prerequisite: MATH 120 or equivalent.

#### 482 Statistical Inference in Applied Research (5)

Statistics for biologists. Parametric and non-parametric methods for analyzing biological and ecological data are presented. Applications include one, two and multiple sample comparisons using t-tests and analysis of variance procedures. Design of ecological studies and experiments is emphasized, including sample size and power calculations. Prerequisite: 381 or permission of instructor.

#### 502 Statistical Consulting for the Life Sciences (1-4)

#### 599 Research in Quantitative Resource Management (\*, max. 12)

## School of Law

316 Condon Hall, JB-20

Telephone: 543-0453

*The program for summer 1994 is directed primarily to non-law students in the belief that the School of Law can contribute to the cultural and professional education of people whose interests and needs include some knowledge of the law and the legal system. Students may also find that Introduction to Law (LAW 300) may heighten their interest in attending law school in the future.*

The School of Law also makes some of the summer 1994 offerings available to matriculated law students in the belief that these courses enrich their professional training. Courses depart from mainstream practice-oriented courses and may require something extra of the law student members of the class, such as research and a paper on a particular aspect of the course. These courses are in addition to the externships available to University of Washington law students.

The Summer Quarter may be used by matriculated law students as one of the nine necessary resident quarters if special permission is given by the Associate Dean of the School of Law. It is necessary to earn at least 12 credits a quarter to qualify as a resident quarter. Normally 15 credits constitute a full-quarter load.

Students in good standing at other law schools may enroll in the University of Washington summer law courses, with the exception of the externships and the tutorial, and arrange to transfer these credits to the colleges or universities from which they expect to receive their degrees.

Students matriculated in the School of Law may register for Summer Quarter 1994 courses through the Law School's Student Services Office. Enrollment by students matriculated in degree programs in other law schools is initiated by application available at the Office of the Director of Admissions, School of Law, University of Washington, 316 Condon Hall, JB-20, Seattle, Washington 98195, and returned to that office no later than June 12, 1994.

Non-law students matriculated at the University of Washington enroll through regular University of Washington registration. Other individuals, including non-law students matriculated at other schools or colleges, should complete the Summer Quarter 1994 application form on the inside back cover.

Check with the School of Law or other University departments for departmental cross-listings of these courses.

**300◆▲ Introduction to Law (3-6, max. 6)**

Understanding the legal system, its functions in the socio-economic order, legal reasoning, and the world of legal education and the legal profession. Taught by law professors and open to non-law students only. Students can take term *a*, term *b*, or both. Taught with O E 200.

**404/B504◆ Law of Professional Misconduct (3)**

Explores how the law defines acceptable standards of professional care and how it remedies injuries caused by departure from such standards. Focuses on the duties of such diverse professionals as doctors, lawyers, counsellors, accountants, financial advisors, engineers, architects, educators and other specialists. Also explores the limitations on the law's effectiveness in addressing the problem of professional misconduct and persistent questions such as the problem of defining mutual expectations. Open to law and non-law students.

**421/A521◆ Law of Marital Property (3)**

"Community Property" is the name given to the marital property system in force in Washington state and eight other American states (California, Texas, Idaho, Arizona, New Mexico, Nevada, Louisiana and Wisconsin). In these states, the law of community property determines spouses' property rights during a marriage and its termination by divorce or death. Community property principles also have direct relevance at divorce in many of the non-community property states. This course examines all aspects of community property law, including what constitutes community

property as distinguished from separate property, how it may be acquired, managed, encumbered and disposed of, and the problems encountered in moving between community property and non-community jurisdictions. The course compares Washington law with the law of the other community property states and, to a lesser extent, with the law of the non-community states. Students will be evaluated in one three-hour final examination. Open to law and non-law students.

**459/A559▲ Comparative Law: Europe, Latin America and East Asia (3)**

An introduction to the principal legal traditions in Europe, Latin America and Asia with particular emphasis on the basic institutional features of the civil law systems. The course covers the historical development of the civil law tradition and its reception in nonwestern societies, as well as the basic institutional contrasts between civil and common law jurisdictions. Students will also have the opportunity to select a particular country of interest and examine greater detail the basic features of its legal system. Open to law and non-law students. Meets with SIS 490A▲.

**476W/A576▲ International Economic Relations and Trade Policy (3)**

Considers the international control of national trade policies and the permissible transnational reach of national trade or other regulation. The General Agreement on Tariffs and Trade and the international monetary system are examined both from a legal and an economic perspective. The effectiveness of other safeguards against unfair or retaliatory trade practices are also considered. Prescriptive jurisdiction is examined and compared to the parallel body of public international law. Open to law and non-law students.

**489/A589▲ Law of Aging (3)**

This course will survey the principal areas of law of special concern to our aging population. Attention will be given to the demographic, economic and historic context in which the current issues arise with specific consideration of health care and health care decision-making; public and private income maintenance programs; taxation; guardianships; conservatorships and other methods of protecting the property of the elderly; and counselling and professional responsibility. Open to law and non-law students.

**Courses by special arrangement**

*Independent Study or Research, Externships, Doctoral Dissertation*

## Graduate School of Library and Information Science

Access to information is increasingly essential in all aspects of an individual's personal and professional endeavors. Career opportunities in the information profession are becoming more challenging and diverse as the uses of technology expand. The Master of Librarianship program is a 63-credit course of study which prepares professionals in library and information science. A number of courses are scheduled during Summer Quarter for students in the degree program, and courses are also planned for professional librarians to assist them in keeping up-to-date on developments in professional practice and informed about new ideas in the field.

Visiting faculty of special interest this summer include Pauline A. Cochrane, Visiting Professor, Graduate School of Library and Information Science, University of Illinois; Charles Curran, Professor, College of Library and Information Science, University of South Carolina; Thomas J. Galvin, Director, Ph.D. Program, Information Science, School of Information Science and Policy, State University of New York, Albany; and Judith Meadows, State Law Librarian of Montana.

Students in other programs are encouraged to enroll in these courses.

### Library and Information Science (LIBR)

133 Suzzallo Library, FM-30  
Telephone: 543-1794

**501▲ Bibliographic Control (4)**

*July 21-August 19* Survey of the major types of instruments for the bibliographic control of the various kinds of library materials and of the conventions used in describing them. Basic concepts, historical background and theoretical and practical aspects of bibliographic control; evaluation and methodology. Prerequisite: major standing or permission of instructor.

**503◆ Bibliographic Data Bases (4)**

*June 20-July 20* Concepts and conventions of bibliographic record structure, file organization and search protocols. Elementary techniques in the use of bibliographic utilities and on-line search services. Prerequisite: major standing or permission of instructor.



**547▲ Evaluation and Selection of Audiovisual Materials (3)**

*August 8-19* Develops competency in applying criteria to the evaluation, selection and use of audiovisual materials and their accompanying technologies. Focuses on previewing the full range of audiovisual formats found in all types of libraries.

**549▲ Children's Materials: Evaluation and Use (3)**

*July 21-August 19* Study of library materials for children with an emphasis on literature in its various forms. Attention also given to criteria used in evaluation, issues in selection and use of materials with children.

**577◆ Law Library Administration (4)**

*June 20-July 20* Study of administration in law libraries, including organization, personnel and management issues (interviewing, hiring, firing), communications, library planning and bookkeeping. Prerequisite: 544 or permission of instructor. CR/NC only.

**590 Directed Field Work (4)**

Professionally supervised field work in library or professional information agency. Prerequisites: 33 credits in Master of Librarianship degree program. CR/NC only.

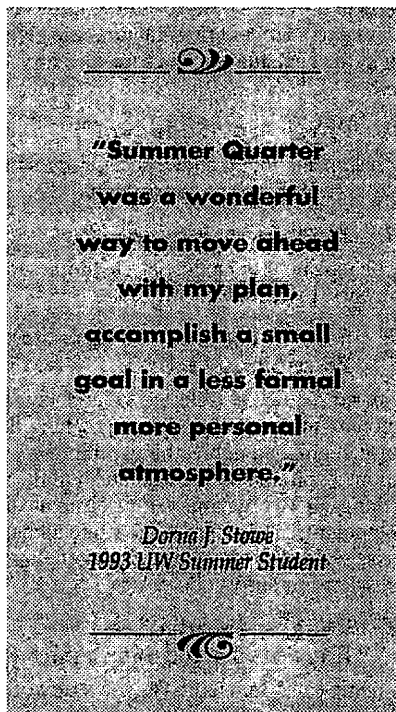
**598◆ Special Topics in Librarianship****A. Information and Public Policy (3)**

*July 7-20* Consideration of selected public policy issues relating to information and communications, particularly in areas characterized by conflict among information access rights, proprietary rights and privacy rights. Topics include information equity, privacy, intellectual property, broadcast, cable and telecommunications regulation, censorship, scientific, technical and proprietary information, transborder information and data flows, and the geopolitics of information. CR/NC only.

**598▲ Special Topics in Librarianship****B. Improved Access to Information in Online Bibliographic Information Systems and Services (3)**

*July 21-August 3* Access in library catalogs of the past has been limited to name and subject. Improved search engines and enhanced records in online catalogs, indexes and directories have widened the access points, but brought with them lack of control of indexing languages and entries. Thesauri, subject heading lists, classification schedules and name authority files can be useful for validation as well as assistance to searchers if properly mounted on online cata-

logs and other bibliographic information systems. Various approaches to improved access will be reviewed and design considerations for improvements will be explored. Discussion, demonstrations and hands-on evaluation exercises in various catalogs (via Internet) will be the style of presentation. Topics covered should interest catalogers, reference librarians and information system designers. Prerequisites: 522 and 527 or permission of instructor. CR/NC only.

**C. Interpersonal Communication in the Information Professions (3)**

*August 8-19* Participants study the interpersonal communication process, consider ways to communicate effectively, and aim, through practice, to incorporate good communication skills into their behavioral repertoire. Among the many topics to be considered via lecture, discussion and demonstration are conflict management, leadership in a group, interviewing skills, and feedback and employee performance. CR/NC only.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis*

**School of Medicine**

The School of Medicine provides instruction for medical students, interns and residents. Through various programs within the School of Medicine some instruction is also provided for practicing physicians and qualified students in other schools and colleges. Further information can be obtained from the School of Medicine, (206) 543-5560.

In general, the following courses are open to all qualified students by arrangement with the department or the Office of the Dean for Academic Affairs.

Medical students and others needing a complete listing of School of Medicine summer courses should consult the *Time Schedule* section of this bulletin.

**Medical History and Ethics (MHE)**

A204 Health Sciences Center, SB-20  
Telephone: 543-5447

**Courses by special arrangement**

*Undergraduate Thesis, Undergraduate Research, Clinical Ethics Practicum, Independent Study or Research, Master's Thesis*

**Microbiology**

See course listings under College of Arts and Sciences, page 30.

**Pathology (PATH)**

C516 Health Sciences Center, SM-30  
Telephone: 543-1140

**507 Cellular Pathology (2)**

Emphasis on application of recent developments and techniques in biology to problems of pathology. Series of lectures by eminent visiting scientists with expertise in the area being discussed. May be repeated for credit. Prerequisite: permission of instructor. CR/NC only.

**551 Experimental and Molecular Pathology (2-5, max. 20)**

Prerequisite: entry code. May be repeated for credit. CR/NC only.

**679P Pathology Summer Clerkship (\*, max. 24)**

Clerkship designed for the summer following students' first year. Several sites available. Prerequisites: completion of first year and permission.

**680P Diagnostic Pathology Clerkship, UH (\*, max. 24)**

Clerkship offers equal time to autopsy and surgical pathology services. Students are intimately involved in working out diagnostic problems. Prerequisite: permission.

**681P Diagnostic Pathology Clerkship, HMC (\*, max. 24)**

Clerkship offers both surgical and autopsy examinations and provides cytologic interpretations of specimens. Emphasis on gross autopsy observation and clinical pathologic correlation. Microscopic slides are reviewed and reports are completed by the clerk. Prerequisite: permission.

**682P Diagnostic Pathology Clerkship, VA (\*, max. 24)**

Autopsy and surgical pathology experiences available, with emphasis on surgical pathology. Students also solve diagnostic problems in surgical pathology with frequent use of immuno, cytochemistry and electron microscopy. Prerequisite: permission.

**687P Diagnostic Pathology Clerkship—Children's Hospital and Medical Center (\*, max. 24)**

For description and prerequisite, see 680P.

**688P Diagnostic Pathology Clerkship—Madigan Army Medical Center (\*, max. 24)**

For description and prerequisite, see 680P.

**689P Diagnostic Pathology Clerkship—Valley Medical Center (\*, max. 24)**

For description and prerequisite, see 680P.

**690P Diagnostic Pathology Clerkship—Northwest Medical Center (\*, max. 24)**

For description and prerequisite, see 680P.

**691P Diagnostic Pathology Clerkship—General Hospital of Everett (\*, max. 24)**

For description and prerequisite, see 680P.

**692P Diagnostic Pathology Clerkship—Group Health Cooperative (\*, max. 24)**

For description and prerequisite, see 680P.

**Courses by special arrangement**

*Undergraduate Thesis, Undergraduate Research, Independent Research*

**Physiology and Biophysics (P BIO)**

6424 Health Sciences Center, SJ-40  
Telephone: 543-0950

**508 Introduction to Laboratory Research in Physiology (2-5)**

Students participate in the performance of ongoing projects in designated research laboratories. Emphasis is on experimental design, methodology and techniques. For first- and second-year graduate students in physiology and biophysics to provide a basis for future independent research. Student presentations are given early in the next quarter. Prerequisite: entry code.

**520 Physiology Seminar (\*)**

May be repeated for credit. Selected topics in physiology. Prerequisite: entry code.

**521 Biophysics Seminar (\*)**

May be repeated for credit. Selected topics in biophysics. Prerequisite: entry code.

**522 Selected Topics in Respiratory Physiology (1-3)**

Advanced seminar on selected topics including pulmonary mechanics, gas exchange, lung fluid balance, regulation of breathing, pulmonary circulation, respiration in the neonate, liquid breathing, airway dynamics, lung structure and development, cardiopulmonary interactions, exercise physiology. Prerequisites: instructor permission and entry code.

**527 Reading in Advanced Physiology and Biophysics (\*)**

May be repeated for credit. Guided study of the experimental literature of physiology and biophysics. Essays are written and discussed with staff. Emphasis on critical analysis, accuracy of expression, bibliographical technique and other factors of good scholarship. Prerequisite: entry code.

**Courses by special arrangement**

*Undergraduate Thesis, Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**School of Nursing**

T303 Health Sciences Center, SC-72  
Undergraduate Program, 543-8735  
Graduate Programs, 543-4152

During summer the School of Nursing offers independent study opportunities for undergraduate students, and graduate courses at the master's and doctorate levels.

For more information, write to the School of Nursing at T303 Health Sciences Center, SC-72, or call (206) 543-8735 for information on undergraduate programs and (206) 543-4152 for information on graduate programs.

**Nursing Science (NURS)**

**570 Family Concepts: Health and Illness (3)**

Emphasizes the family as unit of care across the life span. Predominant themes: factors influencing family health promotion, including resilience, vulnerability, risk reduction and health policy; continuity, change and transition; and promotion of family health during acute and chronic illness episodes.

**573 Advanced Field Study in Family Nursing (2-9)**

Advanced practice development in direct care, consultation and/or coordination with individual families or groups of families across the life span. Opportunities provided to strengthen interpersonal therapeutic process skills, family nursing approaches relevant to family health promotion, problematic family health patterns. Prerequisite: concurrent registration in 574; recommended: 571. CR/NC only.

**574 Family Nursing Therapeutics: A Systems Perspective (3)**

Family models and research evaluated for relevance to advanced nursing practice and the family as a system. The interrelatedness of the individual, family, and social and health contexts examined. Experiential learning labs with family case analyses enhance knowledge and therapeutic skills. Prerequisite: permission of instructor.

**598 Special Projects (1-12, max. 12)**

Special projects course to fulfill the requirements of the non-thesis option for Master's in Nursing students. May be repeated until the project is completed. Projects involve scholarly inquiry with in-depth focused analysis culminating in a written product/report for dissemination. Prerequisites: 520 and 521 or permission of instructor.

**599 Selected Readings in Nursing Science (1-3, max. 18)**

Analysis or synthesis of selected readings with faculty mentor. Prerequisite: permission of instructor.

**Course by special arrangement**

*Undergraduate Research, Doctoral Dissertation*

**Community Health Care Systems (CHCS)****514 Seminar in Home Care for Chronic Illness (3)**

Home-care services as component of community health nursing. Understanding effects of direct nursing functions on care of chronically ill persons and their families. Selected field study experiences in community health settings. Prerequisites: 550, graduate standing, and permission of instructor.

**527 Managing Effective Access and Utilization Within Care Systems (3/4)**

In-depth inquiry into health care access and resource utilization patterns among diverse populations, with emphasis on nursing management strategies for establishing effective population system fit.

**574 Selected Topics in Comparative Nursing Care Systems (2 or 3, max. 10)**

In-depth examination of the literature pertinent to major theoretical issues in cross-cultural nursing and health-care systems. Seminar with analysis and discussion of selected topics and reading. Implications for research and health care stressed. Prerequisite: permission of instructor.

**B. Managing Access and Utilization Within Care Systems (3)****C. Health Promotion in the Community (3)****583 Transcultural Nursing Practices (3)**

Nursing practices in different cultures. Seminar focus is on theoretical formulations and comparative analysis of values, patterns, techniques and practices of nursing care in many societies. Rituals, myths, taboos and beliefs studied in relation to the subculture(s) of caring and nursing practices. Prerequisite: permission of instructor.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis*

**Parent and Child Nursing (PCN)****509 Women's Health: A Nursing Perspective (3)**

Critical analysis of contemporary and historical works relevant to nursing care for women across the life span. Synthesis of a holistic view of women's health to guide nursing practice and research. Prerequisite: graduate and senior undergraduate students.

**512 Advanced Practicum in Perinatal Nursing (2-12)**

Clinical seminar and practicum provide opportunities to develop advanced nursing practice competencies in the care of women, parents, children and/or adolescents. Application of theory and principles to direct care, consultation, education and/or care coordinator roles with individual and/or groups. CR/NC only.

**519 Pediatric Pulmonary Nursing (2)**

Applies knowledge base of pediatric anatomy and physiology with assessment and treatment of pulmonary pathophysiology in children. Includes nursing issues in caring for children and families with acute and chronic lung disease.

**528 Implications of Human Embryology and Genetics for Clinical Practice (3)**

Normal development of the human embryo and fetus and principles of human genetics. Alterations in development leading to common anomalies and implications for clinical practice. Prerequisite: graduate standing or permission of instructor.

**532 Professional Issues in Advanced Parent and Child Nursing (2-5)**

Historical bases for and current issues and trends in advanced practice in parent and child nursing, and the interface with health care systems. Advanced practice roles in provision, implementation and evaluation of health care services for women, children and families. Opportunity for application to specific advanced practice roles. Prerequisite: permission of instructor.

**542 Theoretical Foundations of Advanced Nursing Practice: Care During Childbearing I (4)**

Examination of components of advanced nursing/midwifery care and management of low risk childbearing woman and fetus throughout the preconception, prenatal, intrapartum and postpartum periods.

**573 Selected Topics in Parent and Child Nursing (2-5, max. 12)****Courses by special arrangement**

*Independent Study or Research, Master's Thesis*

**Physiological Nursing (PN)****504 Nursing Therapies in Critical Continuing Care (3)**

Therapeutic modalities commonly employed by nurses to assist patients with a variety of human responses to health problems. Weekly seminars and out of class assignments to encourage students to critically analyze current therapies. Prerequisites: 502, 503, or permission of instructor.

**510 Curriculum Development in Nursing Education (3)**

Theoretical rationale for curriculum development, study of curricular problems in nursing in relation to the elements of the curriculum as described in a curricular design. Prerequisite: graduate standing.

**544 Clinical Physiological Nursing Seminar II (1-10)**

Continuation of 541. Guided experience in area of clinical specialization: critical care, cardiovascular, neuroscience, oncology, gerontology and respiratory. Two hours of class and a minimum of seven hours of guided experience weekly. Prerequisites: 540, 541.

**A. Critical Care****B. Cardiovascular****C. Gerontology****E. Adult/Geriatric Nurse Practitioner****F. Advanced Care of Older Adults****545 Special Topics in Physiological Nursing (3-6, max. 9)**

Guided survey of the experimental literature of major topics in physiological nursing. Conducted as a seminar with analysis and discussion of selected topics and readings. Implications for future research and health care emphasized.

**E. Oncology (3)****Courses by special arrangement**

*Independent Study or Research, Master's Thesis*

**Psychosocial Nursing (PSN)**  
**505 Selected Topics in Psychosocial Nursing (2-10, max. 10)**

In-depth exploration of the major theoretical issues in psychosocial nursing. Seminar with analysis and discussion of selected topics and readings and implications for research and health care.

**C. Biological Intervention (3)**

**509 Issues in Violence and Aggression for Health Professionals (3)**

Focuses on research and theory of violent/aggressive behavior. Perspectives of victim, offender, family, community, society examined. Focus is recognition of violence against women. Course is designed to challenge students to clarify beliefs, values related to topics such as rape, homicide, domestic violence. Prerequisite: graduate nursing student or permission of instructor.

**513 Seminar in Group Treatment (3)**

Seminar on the theoretical basis for working with various treatment groups. Analysis of selected approaches to group treatment. Analysis of leader responsibilities and functions in the development of therapeutic group experiences.

**553 Assessment in Psychosocial Nursing (3)**

Concepts, methods and clinical approaches to psychosocial nursing assessment. Basic principles of measurement as they apply to psychosocial nursing assessment diagnosis and intervention. Knowledge synthesized from psychosocial nursing and allied disciplines tested. Clinical assessment laboratory included. Prerequisite: graduate standing in nursing or permission of instructor.

**569◆ Consultation in Human Service Systems (3)**

Exploration of theoretical perspectives and concepts relevant to consultation in human service systems. Models for intervention evaluated. Students design consultation projects, implementation determined through negotiation with faculty and agency representatives. Prerequisite: fourth-quarter placement or faculty permission; access to consultee system.

**Courses by special arrangement**

*Independent Study or Research, Master's Thesis*

**College of Ocean and Fishery Sciences**

**School of Marine Affairs (SMA)**

3707 Brooklyn Ave. NE, HF-05  
Telephone: 543-4326

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis*

**School of Fisheries**

211 Fisheries Center, WH-10  
Telephone: 543-7457

School of Fisheries courses are offered in:

- Fisheries
- Food Science

The School's basic course *Introduction to Fisheries Science* (FISH 101) provides a background to an important Northwest industry in addition to showing applications of science to a field of wide interest.

**Fisheries (FISH)**

**101 Introduction to Fisheries Science (5)**

Identification, distribution and life histories of selected fish and shellfish; commercial and recreational fishing, utilization of fisheries products; problems faced in fisheries conservation and management. Recommended for both majors and nonmajors.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Internship/Experiential Learning, Master's Thesis, Doctoral Dissertation*

**Food Science (FD SC)**

**483 Food Analysis (3)**

Principles of separation and identification of food components by chromatographic, spectrophotometric and other methods including vitamins, minerals and preservatives.

**Courses by special arrangement**

*Undergraduate Thesis, Independent Study or Research, Master's Thesis*

**School of Oceanography (OCEAN)**

108 Oceanography Teaching Building, WB-10  
Telephone: 543-5039

Oceanography, an environmental science that attempts to explain all processes in the ocean and the interrelation of the ocean with the earth and the atmosphere, includes studies of chemical composition of sea water; sea water in motion; interactions between sea and atmosphere and between sea and solid earth; sediments and rocks beneath the sea; physics of the sea and sea floor; and life in the sea.

**101 Survey of Oceanography (5)**

Origin and extent of the oceans; nature of the sea bottom; causes and effects of currents and tides; animal and plant life in the sea. Intended for nonmajors.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**School of Pharmacy**

T341 Health Sciences Center, SC-69  
Telephone: 543-2030

**Medicinal Chemistry (MEDCH)**

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Pharmaceutics (PCEUT)**

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Pharmacy (PHARM)**

**305 Clinical Dispensing Pharmacy (3)**

Preparation and dispensing of prescriptions at Rubenstein Memorial Pharmacy in Hall Health Center and University of Washington Medical Center outpatient pharmacy. For students with little or no experience in pharmacy wishing experience prior to internship, externship, or di-

dactic course work. Under direct supervision of Student Health Service pharmacist and University Hospital pharmacists. Prerequisites: pharmacy major and entry code. CR/NC only.

#### 470 Community Practicum (8)

Closely supervised study-experience periods in community pharmacies. Students participate in active community pharmacy under the supervision of clinical preceptor. Conferences on selected topics supplement work experience. Prerequisite: pharmacy major. CR/NC only.

#### 471 Institutional Distributive Practicum (4)

Closely supervised study-experience periods in hospital or other institutional pharmacies. Students participate in active institutional pharmacy under supervision of clinical preceptor. Conferences on selected topics supplement work experience. Prerequisite: pharmacy major. CR/NC only.

#### 486 Institutional Clinical Practicum (4)

Supervised experience in the clinical roles of pharmacy practice. Students participate in rounds in institutional patient-care facilities and take drug-use histories, monitor drug therapy of patients, instruct patients about medications, and provide consultation to other health-care professionals in ambulatory or institutional patient-care facilities. Prerequisites: 334, 484 and pharmacy major. CR/NC only.

#### 487 Advanced Clinical Practicum (4)

Supervised experience in the clinical roles of pharmacy practice. Students participate in daily rounds, take drug-use histories, monitor drug therapy of patients, instruct patients about discharge medications, and provide drug therapy consultation to other health-care professionals. Prerequisites: 334, 484 and pharmacy major. CR/NC only.

#### 488 Elective Advanced Practicum (\*, max. 16)

Advanced level clinical pharmacy experience in institutional (hospital, nursing home, long-term-care facility) and ambulatory patient-care facilities under direct supervision of a clinical preceptor. Prerequisite: 487 and entry code. CR/NC only.

#### 489 Drug Information (4-8)

Supervised experience in performing clinical pharmacy activities relating to retrieval and analysis of drug information from various resources; preparation of responses to consultation requests presented to Drug Information Service; techniques of preparing written and verbal drug information reports; participation

in preparation of pharmacy newsletter. Prerequisites: permission of instructor, entry code.

#### 495 Special Studies in Pharmacy (\*, max. 6)

Special studies of professional topics in pharmacy. An opportunity to expand the breadth and depth of understanding in specific pharmaceutical areas. Students usually take independent study under the individual direction of a faculty member. Prerequisites: permission of instructor and entry code.

#### 501 Orientation to Pharm.D. (2)

Orientation to literature searching and evaluation and discussion of presentation skills. Orientation to departmental faculty practice and research. Prerequisite: Doctor of Pharmacy students only. CR/NC only.

#### 587 Advanced Inpatient Clerkship: Inpatient Care (\*, max. 15)

Under faculty supervision, students participate in medical and pharmacy patient rounds in hospitals or long-term care facilities, monitor drug therapy, instruct patients concerning proper use of medications, and provide drug consultation to other health care providers. Prerequisites: 485 or equivalent, and permission of instructor. CR/NC only.

#### Courses by special arrangement

*Undergraduate Research, Independent Study or Research*

## Graduate School of Public Affairs

208 Parrington Hall, DC-13  
Telephone: 543-4900

### Public Affairs (PB AF)

#### 516◆ Microeconomic Policy Analysis (3)

Ways in which microeconomics analysis can contribute to the analysis of public sector issues. Supply and demand, consumer and firm behavior, competitive and monopoly markets, income distribution, market failure, government intervention. Policy applications of theory. Prerequisite: elementary economics. *James L. McIntire, Ph.D., is a Research Assistant Professor at GSPA. His most recent research has focused on housing policy and low-wage policy issues.*

#### 522◆ Policy Management: Budgeting (3)

Budgeting as a management process. Study of formulation and administration of government budgets, including the role of budgeting in the policy process, the approaches to budget formulation and analysis, the development of the PPB approach, and the aspects of budget administration, such as revenue estimating, allotment control and cost accounting. *Taught by Dwight Dively, Ph.D., Central Staff Director of the Seattle City Council and co-author (with Richard Zerbe) of Benefit-Cost Analysis in Theory and Practice.*

#### 565◆ Topics in Urban and Regional Affairs: Regional Economic Analysis and Development (3)

Examines various issues of public policy importance in urban and regional affairs by integrating managerial, political, policy and economic dimensions of the issues.

Summer section will focus upon regional economic theories and forces at work in the Northwest and will study the impact of economic development on regional economic trends. The course will cover such topics as globalization of the economic system, regional economic forecasting, industrial policy and workforce training strategies. Note to GSPA students: this course can be applied to the analysis stream or to the urban/regional gateway requirement. *Taught by Paul Sommers, Ph.D., Research Associate Professor, and Research Director of the Northwest Policy Center at the Graduate School of Public Affairs.*

#### 598◆ Administrative Skills Workshops

##### U. Board and Volunteer Relations for Not-for-Profit Organizations (1)

*June 20, 22, 27 and 29 only* Administrators of non-profit organizations face many unique challenges. This workshop will explore two of the most perplexing: working with boards of directors and with volunteers. The first half of the workshop will deal with understanding the roles and functions of different types of non-profit boards. The workshop's second component will focus upon issues of effective recruitment, utilization and management of volunteers, combined with the successful integration of volunteers into the organization. *Taught by Lynne Iglitzin, Ph.D., who has served as executive director of two national organizations, and as a board member of numerous non-profit organizations.*

**V. Building and Managing Your Own Arts Organization: A Business Guide for Not-for-Profit Entrepreneurs (1)**

July 5, 7, 12 and 14 only This workshop will define the basic concepts underlying not-for-profit business development and the principles that guide it. The objective is to equip potential entrepreneurs with the tools and information needed to succeed in this highly specialized field. The instructor will guide the class through such topics as conducting market research, writing a mission statement, recruiting a board and staff, securing tax-exempt status, dealing with city and state regulations, and developing and promoting a season. The course will also touch on grant writing, board-staff relations and long-range strategic planning. Although the workshop's primary focus is on arts organizations, most course topics are relevant to a wide range of not-for-profit organizations. Visiting lecturer Michael Harris has extensive experience in not-for-profit business development. He has served as Business Manager for The Group Theater in Seattle, and is the founder of the Pilgrim Center for the Arts.

**Courses by special arrangement**

Independent Study or Research, Master's Degree Project

**School of Public Health and Community Medicine**

Special six-week sessions are offered in courses with contents from the fields of biostatistics, epidemiology and health services. The sessions are designed primarily for Master of Public Health students or other persons at the postdoctoral level in the University (persons in clinical training programs on campus). The Extended M.P.H. Degree Program is a three-year, part-time program delivered through a combination of intensive four-week summer sessions on the University campus, independent/directed study, and intensive weekend (Friday-Saturday) seminars during the academic year. The program is designed for mid-career public and community health professionals with three or more years of experience in the health-care field and provides knowledge and skills required at mid- and upper-level practice and management positions for health professionals. The prescribed course work includes a broad exposure to the health-care system plus specific management training in accounting, finance, personnel management, economics, organization theory and program evaluation. Information is available by calling the Extended M.P.H. Degree Program office at 685-7580.

**Biostatistics (BIOST)**

F600 Health Sciences Center, SC-32  
Telephone: 543-1044

**511 Medical Biometry I (4)**

July 5-August 12 Presentation of the principles and methods of data description and elementary parametric and nonparametric statistical analysis. Examples are drawn from biomedical literature, and real data sets are analyzed by the students after a brief introduction to the use of standard statistical computer program packages (e.g. SPSS, BMDP, MINITAB). Statistical techniques covered include description of samples, comparison of two sample means and proportions, simple linear regression and correlation.

**578 Special Topics in Advanced Biostatistics (\*, max. 3)**

**A. Spatial Statistics (3)**

Joint with STAT 578A. Prerequisite: entry code. CR/NC only.

**B. Spatial Statistics Seminars (1)**

Joint with STAT 578B. Prerequisite: entry code. CR/NC only.

**C. Drug Evaluation (3)**

Joint with STAT 578C. Prerequisite: entry code. CR/NC only.

**590 Biostatistical Consulting (3)**

Training in consulting on the biostatistical aspect of research problems arising in the biomedical field. Students, initially under the close supervision of a faculty member, participate in discussions with investigators leading to the design and/or the analysis of a quantitative investigation of a problem. With experience, independent associations of student and research worker are encouraged, with subsequent review by faculty of resulting design and analysis. Prerequisite: permission of instructor.

**593 Cancer Prevention Lab (3)**

Laboratory experience for pre- and post-doctoral students working on cancer prevention projects at the Fred Hutchinson Cancer Research Center. Joint with EPI 593.

**Courses by special arrangement**

Independent Study or Research, Master's Thesis, Doctoral Dissertation

**Environmental Health (ENVH)**

F461 Health Sciences Center, SC-34  
Telephone: 543-3199

**480 Environmental Health Problems (\*, max. 6)**

Individual projects involving library, laboratory, or field study of a specific environmental health problem. Prerequisite: environmental health major.

**482 Environmental Health Internship (3-15)**

Assignment to an environmental health or environmental protection agency for supervised observation and experience in environmental health technology, program planning and utilization of community resources. Prerequisites: environmental health major and permission of department adviser. CR/NC only.

**512 Hazardous Waste Disposal (3)**

Generation, collection, transportation and ultimate disposal of hazardous waste on land. In-depth engineering and cost aspects of alternatives. Health and engineering implications of TSCA, RCRA, CWA and CERCLA.

**520 Biological Effects of Ionizing Radiation (3)**

Effects of ionizing radiation at the molecular, cellular, organ and organism levels with emphasis on mammalian systems.

**532A Reproductive and Developmental Toxicology (2)**

Investigates chemicals that can induce adverse reproductive and developmental outcomes. Discussion topics include identification and characterization of specific classes of toxic agents, mechanisms of action of these agents at the molecular and cellular level, and risk assessment and regulatory issues. Prerequisite: 514 or equivalent with permission of instructor.

**572 Clinical Occupational Medicine (3)**

Comprehensive overview of clinical occupational medicine. Introduction to principles of occupational disease, occupational history taking and physician involvement in workers' compensation. Approaches to diagnosis and management of occupational diseases based on organ systems. Prerequisite: possession of an M.D. degree or equivalent or permission of instructor.

**590 Selected Topics (1-6)**

**A. Topic to be arranged**

In-depth study of a current environmental health topic. Prerequisite: entry code. CR/NC only.

**B. Applied Informatics in Environmental Health (2)**

Creation, management, distribution and use of information and knowledge, using computer and telecommunication technology. Provides general understanding of applied information in environmental health with emphasis on assessment of potential for application in the workplace.

**599 Field Studies (2-6, max. 6)**

Assignment to an environmental research or service program for application of evaluation techniques. Prerequisite: entry code. CR/NC only.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation, Doctoral Research Rotations*

**Epidemiology (EPI)**

F263B Health Sciences Center, SC-36  
Telephone: 685-1762

**525 Topics in Preventive Medicine (2)**

Examines current scientific knowledge and state of the art in preventive medicine interventions. Discuss and consider options for current practice. Joint with HSERV 505. Prerequisite: M.D., O.D., or permission of instructor. CR/NC only.

**531 Problems in International Health (3)**

Survey of the relationship of sociocultural, political, economic and demographic characteristics of developing countries to disease occurrence and to the solution of health problems. Joint with HSERV 531.

**542 Clinical Epidemiology (2)**

Principles and methods involved in studying the outcome of illness.

**590 Selected Topics in Epidemiology or International Health (1-6, max. 6)****593 Cancer Prevention Lab (3)**

Provides laboratory experience for pre- and post-doctoral students working on cancer prevention projects at the Fred Hutchinson Cancer Research Center. Joint with BOST 593.

**Courses by special arrangement**

*Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

**Health Services (HSERV)**

F346 Health Sciences Center, SC-37  
Telephone: 543-8866

**475◆ Perspectives in Medical Anthropology (5)**

Medical anthropology. Ways in which and extent to which "health" and "sickness" are culturally constituted. Epistemological, as well as pragmatic, limitations of the organism-centered cartesian, biomedical approach to sickness, medicine and health. Joint with ANTH 475.

**505 Topics in Preventive Medicine (2)**

*July 1-August 9* Examine current scientific knowledge and state of the art of preventive medicine interventions. Discuss and consider options for current practice. Joint with EPI 525. Prerequisite: M.D., O.D., or permission of instructor. CR/NC only.

**531 Problems in International Health (3)**

Explores social, political, economic and environmental determinants of health in developing countries and traces the development of societal responses to health problems. Topics include the origins of primary health care, child survival, traditional health systems, population, water and sanitation, international agencies, and the effects of contemporary macro and micro economic policies. Students participate in a case study formulating a pharmaceutical policy in a developing country. Joint with EPI 531. Prerequisite: graduate or medical student standing.

**532▲ Planning and Financing Health Services: International Perspectives (3)**

Survey of major issues affecting planning and financing of health services. Major focus is on developing countries. An historical perspective on social and economic factors in the development of primary health care, health service infrastructures, health manpower development, pharmaceuticals and financing health care and related overall changes in health status.

**590 Selected Topics in Health Services (\*)**

Topics to be arranged. Prerequisite: entry code.

**592 Program Seminars (1-6, max. 6)**

Topics to be arranged.

**597 International Health Projects (6)**

CR/NC only.

**Courses by special arrangement**

*Independent Study or Research, Fieldwork in Community Medicine, MHA Field Project, Master's Thesis*

**Pathobiology (PABIO)**

F161 Health Sciences Center, SC-38  
Telephone: 543-1045

**511 Pathobiological Frontiers (2)**

Examines the biological and immunological concepts of infectious and non-infectious diseases with emphasis on newly recognized agents of infectious diseases. Allergy, immune responses, nature of agents and prevention are considered in a format suitable for persons knowledgeable in health-related areas but who are not necessarily in biological oriented programs. Prerequisite: entry code. CR/NC only.

**583 Seminar on Frontier Membrane Research (1, max. 4)**

Research seminar on structure and function of cell surface membranes presented for postdoctoral fellows and graduate students.

**590 Selected Topics (1-6, max. 6)**

In-depth study of disease agents and host response, usually related to a current problem, and focusing on characteristics of the disease agent. Seminar format. Small groups of students by arrangement with faculty member. Prerequisite: entry code. CR/NC only.

**Courses by special arrangement**

*Undergraduate Thesis, Undergraduate Research, Independent Study or Research, Master's Thesis*

**School of Social Work**

Social Work/Speech and Hearing  
Sciences Building, JH-30  
Telephone: 543-8617

The School of Social Work offers elective courses for upper-division or graduate students.

Seminars, workshops and institutes are planned for professionally employed social work practitioners. Inquiries should be addressed to Social Work Continuing Education, 4101 15th Ave. NE, JH-30, Seattle, WA 98195; or call 543-5755.

**Social Welfare (SOCWF)  
B.A. program****409 Readings in Social Welfare (1-5, max. 15)**

Prerequisite: entry code.

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## Social Welfare (SOCWL) Ph.D. Program

### 582-583 Research Practicum (1-3, max. 3 each)

Development of specific methodological skills in social welfare research through participation in an ongoing research project. Prerequisite: entry code. CR/NC only.

#### Courses by special arrangement

*Tutorial or Dissertation*

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## Social Work (SOC W)

### 509 Readings in Social Work (\*)

May be repeated for credit. CR/NC only.

### 515 Field Instruction (1-8, max. 12)

CR/NC only.

### 535 Advanced Field Instruction (2-10, max. 24)

Prerequisites: 515 and entry code. CR/NC only.

#### Courses by special arrangement

*Independent Study or Research, Master's Thesis*

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## Office of International Programs and Exchanges

516 Schmitz Hall, PA-10  
Telephone: 543-9272

The University of Washington Office of International Programs and Exchanges coordinates foreign study and exchange programs around the world. Summer Quarter options are listed below. Deadlines for some of the summer programs have passed, but many are still open. For more specific information, contact the office at the above address (Seattle, WA 98195).

### Chinese Language Program, Beijing

Mid-June to mid-August

### Denmark International Study Program in Architecture, Copenhagen

Early June to mid-August

### El Colegio, Mexico City

Mid-June to late July

### International Summer School, Oslo, Norway

Late June to early August

### Russian Language Program, St. Petersburg

Mid-June to mid-August

### Hebrew University, Jerusalem, Israel

July and August

### Foreign Student Studies Center, University of Guadalajara, Mexico

Three five-week sessions during the summer

### Technology in the European Community, Aachen, Germany and Maastricht, the Netherlands

Six-week program from mid-June to late July

Plan now to take advantage of the wide network of programs and exchanges coordinated by the Office of International Programs and Exchanges throughout the year.

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## Evening Degree Program

Evening Degree Programs are available at the University of Washington in Seattle and at UW branch campuses in Bothell and Tacoma. Students who wish to complete their bachelor's degree in the evening can earn a B.A. through these programs, which consist of junior- and senior-level courses. Evening bachelor's degrees in anthropology, communications, English, general studies, history, political science, psychology and sociology may be earned through the Seattle program. An evening business B.A. program will also be available in Seattle beginning in autumn 1994. A masters degree program in Building Construction and Facilities Management will be offered in Autumn 1994. UW Bothell and UW Tacoma offer evening programs leading to B.A. degrees in business or liberal studies, a B.S. degree in nursing, and a master's degree in education.

The Summer Quarter evening degree classes described on this page are offered in Seattle. Please see pages •••• for summer evening degree classes at the branch campuses. Evening degree students have priority in registering for these classes. Other individuals can register for these classes beginning June 21, 1994. Continuing UW students who enrolled for Spring Quarter 1994 in Seattle or at either UW branch campus do not need to apply for Summer Quarter. Use the Evening Degree section in the Summer Quarter Time Schedule and register by STAR

the same way as for any quarter. For a catalog and application about the Evening Degree Program in Seattle, call (206) 543-2320. Please call UW Bothell at (206) 685-5000 or UW Tacoma at (206) 552-4400 for information about the Evening Degree Programs at the branch campuses.

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## Anthropology (ANTH)

### 434 Comparative Morals and Value Systems (5)

Moral basis of human society and comparison of value systems based on anthropological studies. Prerequisite: 202 or permission of instructor.

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## Art History (ART H)

### 203 Survey of Western Art—Modern (5)

Western art from 1520 to the present.

### 232 Photography: Theory and Criticism (3)

Art traditions of photography from its origins in the nineteenth century to the present. Emphasis on photographic traditions and photographers of the twentieth century.

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## Building Construction (BCON)

### 500 Design and Construction Law (3)

Study of contract law as applied to the design and construction practices. The course will emphasize contract formation, interpretation, the purpose and application of contract provisions, construction labor law and policy, claim documentation and avoidance, alternate dispute resolution concepts, environmental regulations and government relations.

### 505 Advanced Integrated Computer Applications (3)

The study of management information systems used in the construction industry, their unique characteristics and how best to examine, select and use them effectively. This course will emphasize the utilization of current state-of-the-art computer hardware and software to solve complex problems as well as the integration of computer aided design (CAD), scheduling (including advanced concepts such as resource leveling, schedule compression and cash flow projections) and estimating techniques in effective project, facilities and construction management.



**Communications (CMU)****471 Comparative Media Systems (5)**

Comparative analysis of national media systems in context of cultural, economic, political, and social milieus in which they operate. Joint with SISCA 471. Prerequisite: introductory course work in the social sciences.

**English (ENGL)****315 Shakespeare After 1603 (5)**

Shakespeare's career as a dramatist after 1603. Study of comedies, tragedies and romances.

**335 English Literature: The Age of Victoria (5)**

Literature in an era of revolution that also sought continuity, when culture faced redefinition as mass culture and found in the process new demands and creative energies, new material and forms, and transformations of old ones. Readings range from works of Tennyson, Browning, Arnold, Shaw, to Dickens, Eliot, Hardy.

**Geography (GEOG)****342 The Geography of Inequality (5)**

Geography of social and economic inequality. Spatial distribution of wealth and poverty and the possible causes. Geographic and other aspects of the alleviation of poverty. The geography of racial and ethnic discrimination, from the Indian reservation to ghettos, as well as religious and age discrimination.

**History of the Americas (HSTAA)****303 Modern American Civilization from 1877 (5)**

Emergence of modern America, after the Civil War; interrelationships of economic, social, political and intellectual developments.

**Modern European History (HSTEU)****406 European Intellectual History: Nineteenth Century (5)**

Selected topics in intellectual history up to 1890. The philosophical consequences of the French Revolution, the development of idealism, conservatism, romanticism and early socialist theory; positivism, the problems of historicism, new forms of Christian apologetics, utilitarianism in decline, liberalism as philosophy, the early Marx.

**International Studies:****Canadian Studies (SISCA)****471 Comparative Media Systems**

Comparative analysis of national media systems in the context of the cultural, economic, political and social milieus in which they operate. Joint with CMU 471. Prerequisite: introductory course work in the social sciences.

**Political Science (POL S)****325 The Arab-Israeli Conflict (5)**

The politics of conflicting ideologies: Zionism and Arab nationalism, formation of the state of Israel; development of Palestinian nationalism; Arab-Israeli wars. Re-emergence of Palestinian activism; domestic sources of foreign policy; the role of the superpowers.

**354 Elections and Voting in the United States (5)**

Electoral institutions and processes of the United States: the idea and practice of elections, the electoral system, individual voting behavior, collective voting behavior and the impact of elections on policy. Recommended: 101 or 202.

**Psychology (PSYCH)****305 Abnormal Psychology (5)**

An overview of major categories of psychopathology, including description and classification, theoretical models and recent research on etiology and treatment. Prerequisites: 10 credits in psychology, to include 101 or 102 or equivalent.

**448 Seminar in Psychology (5)**

Selected research topics of contemporary interest. May be repeated for credit. Quarterly listings of specific offerings are available at the department advisory office. Prerequisites: some sections require major standing or permission of instructor.

**Sociology (SOC)****331 Population and Society (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.

**Women Studies (WOMEN)****456 Feminism, Racism and Anti-Racism (5)**

Course builds on examination of the historically shifting meanings of race and racism, asks how all U.S. women's daily lives and consciousness are shaped by racial oppression or race privilege. The course examines steps being taken towards specifically feminist anti-racist theories and practices.

**UW Bothell and Tacoma Campuses**

To apply for summer-only admission at either branch campus or in Seattle, please complete the application on the inside back cover of this bulletin. For additional information, refer to the admission and registration sections of this bulletin.

If you wish to apply for matriculated status at either branch campus, call Bothell at 685-5000, 1-800-736-6650, or 685-5303 (TDD); or Tacoma at 552-4400, 1-800-736-7750 or 552-4413 (TDD).

**Bothell Campus****Business Program****BBUS 330 Information Management and Analysis (5)**

Study of the methods of gathering, structuring, analyzing and applying information in business organizations. A survey of the changes in organizations resulting from new knowledge technologies will provide a framework for intensive study of a variety of tools used to gather, structure, analyze or apply information.

**BBUS 490 Special Topics****A. Competing in a Global Economy (5)****BMGMT 420 Consumer Marketing (5)**

Theory and practice pertinent to marketing decisions of individuals and business firms; utilization of theories from behavioral sciences in marketing research; theories of fashion, characteristics of goods, shopping behavior, product differentiation, market segmentation and opinion leadership; application of concepts to management of advertising, personal selling, pricing and channels of distribution.

**Education Program (BEDUC)**

**501♦ Education in Society: Political, Economic and Cultural Perspectives (3)**

An analysis of education and the institution of schooling from sociological, anthropological, political and economic perspectives. Topics to be covered include: education and social mobility; race, class, gender and schooling; current debates over the public and private purposes of schooling in a post-modern age; and macro-level and micro-level political processes by which such debates are mediated.

**566♦ Education and Technology (3)**

An analysis of issues related to the uses of technology in the classroom. Class participants will be introduced to advances in educational technology and will critique the pedagogical and epistemological implications of increased reliance upon information technologies in the classroom and in the broader society.

**591♦ Special Topics in Education (1-5, max. 10)**

**A. Cooperative Learning (3)**

An examination of current theories of cooperative learning. Working in small groups, students apply models aimed at creating a positive classroom atmosphere, generating cooperative attitudes, selecting appropriate learning activities, and evaluating group work. Students analyze the role of the teacher and the effect of competition on student learning.

**B. Multicultural Literature: Telling a Different Story (3)**

Students read, evaluate, make bibliographies and learn methods to infuse literature into the curriculum.

**Courses by special arrangement**

*Independent Study, Practicum*

**Liberal Studies (BLS)**

**319 Mathematical Thinking for Liberal Arts (5)**

Develops four important mathematical topics from an historical perspective, an intellectual perspective and an applicability perspective. It is designed to broaden the student's concepts of mathematics and to develop his/her mathematical thinking. Prerequisites: intermediate algebra and junior standing.

**Liberal Studies: Comparative U.S. Studies (BLSUS)**

**353 Getting Across America: Mobility and Freedom (5)**

Many Americans define themselves and their sense of freedom through the narrative of a mythical mobility: the journey across an ocean,

through a forest, onto a plain, onto a desert—always going to a mythical west. This course studies images of the voyager and those financial, historical and folkloric forces that have developed and maintained for Americans the sense of a mythical mobility.

**447 Education and the American Indian (5)**

Critical examination of Indian education from a historical and topical perspective; review of federal, state and tribal policies and programs; and discussion of the educational aspirations of Indian people within the context of national educational goals.

**487 Topics in American Literature (5, max. 10)**

**A. Modern and Contemporary Poetry (5)**

Introduces the rich world of modern and contemporary American poetry. Students attend a poetry reading as well as read poems from several major poets to become familiar with a wide range of "voices". The course is appropriate to both aspiring creative writers and those interested in American culture and literary expression.

**491 Special Topics (3-5)**

**A. Jewish-American Literature and Culture (5)**

Introduces Jewish-American literature and culture in the twentieth century. Students read short stories, novels and poetry by several writers, including Cynthia Ozick, Philip Roth, Chaim Potok and Grace Paley, and examine the tensions between particularism and universalism that characterize their writing.

**Liberal Studies: Comparative International Studies (BLSIN)**

**374 Major Figures of German Literature (5)**

A study of prominent examples of modern German literature through an analysis of key works in translation. Emphasis is on the critical examination of seminal texts in their historical and cultural context familiarizing the students with a variety of contemporary methods of literary criticism. In each case the literary analysis will be followed by the discussion of a significant theatrical production or cinematic adaptation.

**390 Special Topics**

**A. Madness in Literature and Film (5)**

It's hard to learn about a mental illness if you've never known someone with that illness. This course uses film and literature to present examples of prevalent or hard-to-conceptualize mental illnesses. Discussion capitalizes on summaries of prevalences in particular populations,

theories of causation and treatments for each illness.

**402 Modern China (5)**

History of modern China since the beginning of the Qing dynasty, 1644 to the present. Focuses on the major social, political and economic developments, and on the relationships between ideas and institutions. Topics include the impact of the West, and changes resulting from internal causes.

**444 Issues in Comparative History**

**A. Avant-Garde Art and Politics in Contemporary Europe (5)**

Explores different special issues in comparative history. Topics include such areas of study as: Histories of the World; Imperialism and Colonialism; Nationalism and the Nation States; the History of Gender in the East and West. (As distinct from the classical avant-garde movements of the early twentieth century, radically innovative artistic production in post-World War II Europe took place in an atmosphere of unprecedented economic prosperity, political stability and an upsurge of post-materialist values. At the same time, Europe's cultural and intellectual life was permeated by the ideologies and the nuclear fears of the Cold War. This course will study major works of avant-garde literature, such as Samuel Beckett's *Waiting for Godot* and Peter Weiss' *Marat/Sade*, by situating them in their historical and political context.)

**Tacoma Campus**

**Business Program**

**TBUS 350 Business Finance (5)**

Sources, uses, cost and control of funds in business enterprises. Internal management of working capital and income sources and cost of long-term funds; capital budgeting; financing of the growth and expansion of business enterprises; government regulation of the financial process.

**TBUS 490 Special Topics**

**A. Total Quality Management (5)**

**TMGMT 470 Motivation and Group Interaction (5)**

Various strategies for influencing employee motivation and performance. Reward systems, goal-setting procedures and various techniques to enlarge and enrich one's job. Effects of these formal and informal strategies on job attitudes.

**Education Program (TEDUC)**

**503 Education in Society: Institutional Perspectives (3)**

An examination of schools from an "internal" perspective, focusing particularly on student cultures, pedagogical modes, organizational dynamics, and other factors that mediate the teaching and learning context. A central objective of the course is to nurture critical reflection on schooling that results in ethically grounded teaching that is sensitive to ambiguities and contradictions in the schooling process. Prerequisites: 501.

**520♦ Multicultural Education: Critical Issues (3)**

A critical exploration of the major intellectual, political and pedagogical issues in multicultural education. We will consider the major proponents and critics of multicultural education, study institutional and cultural discrimination related to race, class and gender, and weigh the relationships between schooling and the reproduction of stratification and discrimination.

**530♦ Integrated Curriculum: Critical Issues (3)**

Deals with reading, writing and thinking as it occurs in various specific and integrated content areas of the school curriculum in grades K-12. The goal of this course is to equip teachers with ideas and strategies to enhance instructional effectiveness across the curriculum.

**534▲ Process Writing Across the Curriculum (3)**

This theory into practice course will study research and theories on writing development in school children, examine the relationships among reading, writing and content knowledge acquisition, and experiment with writing methods for classroom teachers. Preferably taken after TEDUC 530.

**540♦ Children and Youth At-Risk: Critical Issues (3)**

This course is designed to provide several perspectives on the at-risk student. The first half of the course will focus on determining who these students are and the identifying conditions that place them at-risk. The second half of the course will emphasize the role teachers play reducing the risk of academic failure and increasing the opportunity for success in school. Upon completion of this course students will have a stronger understanding of the problems and issues faced by at-risk students and a clearer picture of the instructional implications for them as teachers.

**541♦ Mathematics Challenges for Diverse Students (3)**

This course is designed to examine instructional issues in the teaching of mathematics to at-risk/mainstreamed K-8 students. It will include a) the assessment of student performance, b) the evaluation and modification of instructional curricula, and c) the design of generalizable problem-solving strategies. Preferably taken after TEDUC 540.

**592 Independent Study (1-3, max. 3)**

Prerequisite: permission of advisor/instructor and entry code.

**598 Practicum (1-6, max. 6)**

Prerequisite: permission of advisor/instructor and entry code.

**599 Culminating Project (3)**

Prerequisite: permission of advisor/instructor and entry code.

**Liberal Studies (TLS)**

**420♦ Women in the Global Economy (5)**

Explores impact of "modernization" and "development" on the status and roles of women in selected western and non-western societies. Critical analysis of assumptions about women's responses to social change which have guided research and development planning. Examines cultural practices, economic arrangements and government policies in order to understand opportunities and obstacles confronting women in developing countries today.

**483♦ Film Directors: Black Cinema (5)**

Examination of the idea of film authorship; does film, most often an industrial and collaborative medium, allow for the director's "individual" expression? Can we speak of a Woody Allen film in the same way that we speak of a Shakespeare play or a Jane Austin novel? Through investigation of one or two major directors' films, this course will explore not only consistencies of film style and thematic treatment through a director's work, but also important contemporary debates on film aesthetics. May be repeated for credit with instructor's approval.

**Liberal Studies: Comparative International Study (TLSIN)**

**314▲ Twentieth Century Revolutions (5)**

This course is an interdisciplinary look at the major twentieth century revolutions: Russia, China, Cuba and Nicaragua. The course will begin with political theories of revolution, then it will discuss the historical process which accompanied each of the four revolutions, and end with a discussion of how these revolutions established political legitimacy and culture.

**342♦ Third World Countries (5)**

Develops a framework to compare the phenomenal growth of selected Third World cities. The course introduces their historical legacy, their previous ties to colonial rulers, and the pressures for them to remain the centers of capitalist production. Studies the spatial, ethnic and class divisions in these cities. The urban 'bias' and subsequent concentration of economic, political and cultural power also result in mass misery in all its ramifications, political struggles and instability.

**383♦ Arts and Cultures of the Pacific: Way of the Ancestors (5)**

This course will combine anthropological and art historical approaches to a study of the diverse cultural orders represented by mythology, modern ethnography, architecture, ritual and visual images produced in Melanesia, Micronesia and Polynesia. Topics will include concepts of reality, nature, social organization, politics, personal identity, culture contact and historical change.

**385▲ Russian Civilization (5)**

Aspects of Russian culture looked at from the perspective of individual Russian cultural figures. Typical topics include: Andrei Rublev and Russian Orthodoxy; the Age of Pushkin; Turgenev and the populist tradition; Chaikovsky and the development of a Russian National Music; the cinema of Eisenstein; Socialist realism from Gorky to Rybakov.

**415▲ Modern Japan (5)**

This course will trace the transformation of Japan from a feudal country under Tokugawa military rule in the nineteenth century to an economic superpower in the twentieth century. In addition to historical and political issues, social and cultural topics will be addressed, as will the clash of traditional Japan with the modern, industrialized West.

**450▲ Contemporary Theories of Culture (5)**

Recent anthropological theory and contemporary cultural theory. The course will be organized either around trends in cultural theory such as structuralism and semiotics, British cultural studies, critical theory and post-modernism; or topically, such as ideology, culture and cultural resistance; ethnocentrism, relativism; class and culture; the social body; self and other; gender and sexuality. May be repeated for credit with instructor's approval.

**490 Special Topics (3-5, max. 15)  
M.U.S. Trade and Investment on the Pacific Rim (5)**

**Courses by special arrangement**

*Internship, Directed Readings, Undergraduate Research*

# UW Summer 1994 Time Schedule

## Time Schedule

Abbreviations and symbols used to indicate course requirements

Sample of a Time Schedule listing

Courses may have been added or deleted after the course description section in this bulletin was finalized. To verify the availability of a course, please check the following time schedule or contact the academic department offering the course. Departmental phone numbers and course descriptions are included in the course listing section, pages 8-73. For information about STAR registration, see *How to Register Using STAR*, pages 128-129. See pages 141-143 for a list of department, major, and college codes which may appear on your registration confirmation.

### Abbreviations and symbols used to indicate course requirements

Some courses have special requirements for registration. These requirements, listed below the course title in the *Time Schedule* section, are indicated by the following abbreviations and symbols:

**>**  
Entry code or faculty number required to enroll.

#### EC (Building and room number)

The entry code or faculty number can be obtained in the indicated building and room. See pages 148-149 for a list of building abbreviations and a campus map.

#### CR/NC ONLY

Grades assigned only as credit or no credit. See page 135 for more grade information.

#### ARR

Days and times to be arranged.

#### PD.1, PD. 2, PD.3

Registration period for which the indicated restriction applies. If no period is indicated, the restriction applies to all registration periods. See page 123 for registration period dates.

#### Offered jointly with

Classes taught in the same room at the same time: students register and receive credit for one course only.

#### Special program codes

(H) = Honors

(%) = New course

#### Comment and registration restrictions

PD.1 = Period I            ED = Entry or Drop Code  
 PD.2 = Period II        or DC followed by the  
 PD.3 = Period III        location where they  
 PERM = Permission        are available to be  
 INSTR = Instructor        picked up.  
 \* = To be arranged    REG = Registration

#### Credit

2.5 means 2 1/2 credit

(/) means "or"

(-) means "to"

VAR means variable credit and any number of credits may be elected (however, fractional credit registration-e.g., 1/2 credit is not allowed in variable-credit courses).

### Sample of a Time Schedule listing

| Department                                   | Course number | Course title                           | Days and time | Class location | Instructor |
|--|---------------|--|---------------|----------------|------------|
| ENGL   | 198           | WRITING/SOC SCI                        |               |                |            |
| > 2933                                       | AA 5          | MTWTHF 1030-1130                       | SAV 314       | SMITH, J       |            |
| H%   |               | OFFERED JOINTLY WITH ENGL 198BA        |               |                |            |
| Schedule line number (SLN)                   | Section       | Credits                                |               |                |            |
| Special program code                         |               |  |               |                |            |
| Entry code or faculty number required symbol |               |  |               |                |            |
|  |               | ADD CODE REQUIRED (PD.3)               |               |                |            |
|  |               | CONCURRENT ENROLLMENT IN HST 111       |               |                |            |
|  |               | REQUIRED PLUS ONE HOUR*                |               |                |            |
|  |               | Comments and registration restrictions |               |                |            |

| DEPT SLN SPEC CODE   | COURSE SECTION CRD | TITLE DAY COMMENTS                    | TIME     | BLDG ROOM | INSTR                  |
|--|--------------------|---------------------------------------|----------|-----------|------------------------|
| <b>COLLEGE OF ARCHITECTURE &amp; URBAN PLANNING</b>                                    |                    |                                       |          |           |                        |
| <b>ARCHITECTURE</b>  |                    |                                       |          |           |                        |
| <b>ARCHITECTURE</b>  |                    |                                       |          |           |                        |
| ENTRY CODES AVAILABLE IN GLD 208   |                    |                                       |          |           |                        |
| ARCH 151<br>1078 U   | 3                  | APPREC OF ARCH II<br>MW               | 600-855P | ARC 147   |                        |
| TERM A   |                    |                                       |          |           |                        |
| ARCH 319<br>1079 U   | 2                  | INTRO ARCH PHOTO<br>TTh               | 700-820P | GLD 322   | STAMETS,J              |
| PLUS PHOTO LAB   |                    |                                       |          |           |                        |
| ARCH 314<br>1080 A   | 2                  | INTRO ARCH DRAWING<br>TTh             | 110-320  | GLD 110   |                        |
| ARCH 403<br>1081 A   | 5                  | ARCH PROBLEMS<br>MWF                  | 110-540  | CHL 101   |                        |
| OFFERED JOINTLY WITH ARCH 506 A<br>CAUP ARCH MAJORS ONLY<br>PREREQ: 402, CAUP 401      |                    |                                       |          |           |                        |
| 1082 B   | 6                  | MWF                                   | 110-540  | JHN 214   |                        |
| OFFERED JOINTLY WITH ARCH 506 B<br>CAUP ARCH MAJORS ONLY<br>PREREQ: 402, CAUP 401      |                    |                                       |          |           |                        |
| ARCH 412<br>3435 A   | 3                  | ARCH ILLUS PRESEN<br>TTh              | 830-1020 | GLD 236E  | SHARPE                 |
| ARCH ILLUS & PRESENTATION  |                    |                                       |          |           |                        |
| ARCH 415<br>1083 A   | 3                  | ARCH SKETCHING<br>TTh                 | 330-540  | ARC 047   | LEHMAN,N               |
| NO FRESHMEN,SOPHOMRS   |                    |                                       |          |           |                        |
| ARCH 420<br>1084 U   | 4                  | STRUCTURAL DSGN I<br>MW               | 600-755P | ARC 019   | ONOUYE,B               |
| STRUCTURAL DESIGN I  |                    |                                       |          |           |                        |
| ARCH 426<br>1085 U   | 3                  | STRUCT UNIT MASONRY<br>TTh            | 630-755P | ARC 025   | LEBERT,E               |
| ARCH 452<br>1086 U   | 3                  | PUGET SND ARCATOWNS<br>TTh            | 630-930P | ARC 102   | HILDEBRAND,G           |
| TERM A   |                    |                                       |          |           |                        |
| ARCH 460<br>1087 U   | 3                  | DESEN THRY & ANALYS<br>M              | 600-855P | ARC 102   | DEE,J                  |
| MEETS WRITING COURSE REQUIREMENT<br>NO FRESHMEN,SOPHOMRS                               |                    |                                       |          |           |                        |
| ARCH 478<br>1088 A   | 4                  | ARCH CAD SYSTEMS<br>TTh               | 600-800P | GLD 236E  | HUDACEK,D<br>JOHNSON,B |
| OPEN TO OUTSIDE PROFESSIONALS<br>BASIC COMPUTER LITERACY HIGHLY REC                    |                    |                                       |          |           |                        |
| ARCH 488<br>1090 A   | 4                  | SPECIAL PROJECTS<br>MTThF             | 830-100  | GLD 106   | JUROSZEK,S             |
| TERM A<br>NO FRESHMEN (PD.1)<br>DESIGN DRAWING I                                       |                    |                                       |          |           |                        |
| 1091 B   | 4                  | MTThF                                 | 830-100  | GLD 106   | JUROSZEK,S             |
| TERM B<br>NO FRESHMEN (PD.1)<br>DESIGN DRAWING II                                      |                    |                                       |          |           |                        |
| 1092 U   | 3                  | T                                     | 630-920P | ARC 133   |                        |
| NO FRESHMEN,SOPHOMRS,JUNIORS<br>ADVANCED ARCH THEORY; PREREQ: 460                      |                    |                                       |          |           |                        |
| ARCH 499<br>>1093 A  | 1-6                | UNDERGRAD RESEARCH<br>TO BE ARRANGED  |          |           |                        |
| ARCH 506<br>1095 A   | 6                  | ADV ARCH STUDIES<br>MWF               | 110-540  | CHL 101   |                        |
| OFFERED JOINTLY WITH ARCH 403 A<br>NO FRESHMEN,SOPHOMRS,JUNIORS,SENIORS<br>MAJORS ONLY |                    |                                       |          |           |                        |
| 1096 B   | 6                  | MWF                                   | 110-540  | JHN 214   |                        |
| OFFERED JOINTLY WITH ARCH 403 B<br>NO FRESHMEN,SOPHOMRS,JUNIORS,SENIORS<br>MAJORS ONLY |                    |                                       |          |           |                        |
| ARCH 600<br>>1098 A  | VAR                | INDEPNONT STDY/RSCH<br>TO BE ARRANGED |          |           |                        |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY   |                    |                                       |          |           |                        |
| ARCH 700<br>>1100 A  | VAR                | MASTERS THESIS<br>TO BE ARRANGED      |          |           |                        |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY   |                    |                                       |          |           |                        |

| DEPT SLN SPEC CODE  | COURSE SECTION CRD | TITLE DAY COMMENTS                   | TIME                 | BLDG ROOM           | INSTR               |
|---|--------------------|--------------------------------------|----------------------|---------------------|---------------------|
| <b>BUILDING CONSTRUCTION</b>  |                    |                                      |                      |                     |                     |
| ENTRY CODES ARE AVAILABLE IN ARC 116  |                    |                                      |                      |                     |                     |
| B CON 310<br>1185 A   | 3                  | CONST CONTR DOCS I<br>MW             | 220-540              | BAG 261             | FREDLEY,J           |
| TERM A<br>NO FRESHMEN,SOPHOMRS<br>NO B CON MAJORS   |                    |                                      |                      |                     |                     |
| B CON 312<br>1188 A   | 3                  | BLDG CONST INTRO<br>TTh              | 940-100              | BNS 115             | SENTL,K             |
| TERM A<br>NO FRESHMEN,SOPHOMRS<br>NO B CON MAJORS   |                    |                                      |                      |                     |                     |
| B CON 313<br>1187 A   | 3                  | CONST METH & MAT I<br>TTh            | 110-400              | GLD 322             | WALL,M              |
| TERM A<br>NO FRESHMEN,SOPHOMRS<br>NO B CON MAJORS   |                    |                                      |                      |                     |                     |
| B CON 498<br>1188 A   | 3                  | SPECIAL TOPICS<br>MW                 | 1050-200             | CHL 019             | DORNETTE,J          |
| TERM A  |                    |                                      |                      |                     |                     |
| B CON 499<br>>1189 A  | VAR                | UNDERGRAD RESEARCH<br>TO BE ARRANGED |                      |                     |                     |
| MAJORS ONLY<br>OTHERS BY PERM   |                    |                                      |                      |                     |                     |
| <b>PREPROFESSIONAL</b>  |                    |                                      |                      |                     |                     |
| ENTRY CODES AVAILABLE IN GLD 208  |                    |                                      |                      |                     |                     |
| CAUP 270<br>1337 A  | 3                  | CMPTRS ENV DES PLAN<br>MW            | 830-1030             | GLD 236E            | JOHNSON,B           |
| CAUP 340<br>1338 A  | 3                  | PEOPLE-ENV RELATION<br>TTh           | 1050-100             | SIG 323             | SASANOFF,R          |
| CAUP 488<br>1339 D  | 6                  | SPECIAL PROJECTS<br>MWF              | 110-520              | GLD 317             | VRABIEL             |
| DESIGN STUDIO I   |                    |                                      |                      |                     |                     |
| <b>LANDSCAPE ARCHITECTURE</b>   |                    |                                      |                      |                     |                     |
| ENTRY CODES ARE AVAILABLE IN GLD 348  |                    |                                      |                      |                     |                     |
| <b>URBAN DESIGN &amp; PLANNING</b>  |                    |                                      |                      |                     |                     |
| ENTRY CODES AVAILABLE IN GLD 410  |                    |                                      |                      |                     |                     |
| URBDP 451<br>3350 A   | 3                  | HOUSING<br>MW                        | 600-750P             | GLD 435             | STOLOFF,J           |
| PREREQ: URBDP 300 OR EQUIV  |                    |                                      |                      |                     |                     |
| URBDP 471<br>3351 U   | 3                  | HIST URBAN DESIGN<br>MW              | 600-720P             | PAR 108             | STRETFIELD,         |
| OFFERED JOINTLY WITH L ARC 498 U  |                    |                                      |                      |                     |                     |
| URBDP 488<br>3352 C   | 3                  | SPECIAL TOPICS<br>TTh                | 600-850P             | GLD 436             | WOLFE,C             |
| TERM B<br>CREDIT/NO CREDIT ONLY<br>NO FRESHMEN,SOPHOMRS,JUNIORS<br>BEYOND ZONING:<br>LAND USE/ENVIRONMENTAL NEXUS |                    |                                      |                      |                     |                     |
| 3353 D  | 3                  | TTh                                  | 600-850P             | GLD 442             |                     |
| TERM A<br>CREDIT/NO CREDIT ONLY<br>BUILDING COMMUNITY   |                    |                                      |                      |                     |                     |
| 3354 E  | 3                  | MW                                   | 600-850P             | GLD 424             | KHATL,T             |
| CREDIT/NO CREDIT ONLY<br>MACINTOSH WORKSHOP ON DIGITAL<br>GRAPHIC MEDIA   |                    |                                      |                      |                     |                     |
| 3355 G  | 2                  | MW                                   | 1200-210             | GLD 442             | DEL RIO,V           |
| TERM A<br>CREDIT/NO CREDIT ONLY<br>SEMINAR IN SQUATTER SETTLEMENTS  |                    |                                      |                      |                     |                     |
| 3356 I  | 3                  | TTh                                  | 600-850P             | GLD 436             | SEPLER,R<br>PHILP,X |
| TERM A<br>CREDIT/NO CREDIT ONLY<br>SITE PLANNING FOR SUBDIVISIONS &<br>PLANNED UNIT DEVELOPMENTS                  |                    |                                      |                      |                     |                     |
| 3357 J  | 3                  | TTh                                  | 600-800P<br>800-850P | GLD 208J<br>GLD 424 | ASSAF,D             |
| TERM A<br>CREDIT/NO CREDIT ONLY<br>RSCH & PROFESSIONAL DOCUMENT<br>COMPUTER WKSH                                  |                    |                                      |                      |                     |                     |

| DEPT SLN SPEC CODE  | COURSE SECTION CRD | TITLE DAY COMMENTS                    | TIME                 | BLDG ROOM           | INSTR                      |
|---|--------------------|---------------------------------------|----------------------|---------------------|----------------------------|
| 3358 K  | 3                  | TTh                                   | 600-800P<br>800-850P | GLD 208J<br>GLD 424 | ASSAF,D                    |
| TERM B<br>CREDIT/NO CREDIT ONLY<br>DESKTOP PUBLISHING ON THE MACINTOSH  |                    |                                       |                      |                     |                            |
| 3359 L  | 4                  | TTh                                   | 630-920P             | GLD 236W            | SUENJ                      |
| CREDIT/NO CREDIT ONLY<br>SPATIAL DATA MANAGEMENT AND GIS<br>APPLICATION IN PLANNING ANALYSIS  |                    |                                       |                      |                     |                            |
| URBDP 499<br>>3360 A  | VAR                | SPECIAL PROJECTS<br>TO BE ARRANGED    |                      |                     | RYAN,D                     |
| URBDP 547<br>>3361 A  | 1-9                | PROFESSIONAL PROJ<br>TO BE ARRANGED   |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. GLD 410   |                    |                                       |                      |                     |                            |
| URBDP 600<br>>3362 A  | VAR                | INDEPNONT STDY/RSCH<br>TO BE ARRANGED |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. GLD 410   |                    |                                       |                      |                     |                            |
| URBDP 700<br>>3363 A  | VAR                | MASTERS THESIS<br>TO BE ARRANGED      |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. GLD 410   |                    |                                       |                      |                     |                            |
| URBDP 800<br>>3364 A  | VAR                | DOCTORAL DISSERTATN<br>TO BE ARRANGED |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. 200 ADMIN BLDG  |                    |                                       |                      |                     |                            |
| <b>LANDSCAPE ARCHITECTURE</b>   |                    |                                       |                      |                     |                            |
| L ARC 300<br>2177 A   | 6                  | INTRO LA DESIGN<br>MWF                | 110-540              | GLD 322             | ROBERTSON,J                |
| L ARC 406<br>>2178 A  | 6                  | INDIV DSGN STUDIO<br>TO BE ARRANGED   |                      |                     | STRETFIELD,<br>MAJORS ONLY |
| L ARC 476<br>>2179 A  | 3-6                | PROFESSL OPERATION<br>TO BE ARRANGED  |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY  |                    |                                       |                      |                     |                            |
| L ARC 498<br>>2180 A  | 6                  | SPECIAL PROJECTS<br>MWF               | 110-540              | GLD 117             | WITHERSPOON,               |
| TERM A<br>ADD CODE REQUIRED (PD.1)<br>HYPER MEDIA COMPUTER STUDIO   |                    |                                       |                      |                     |                            |
| >2181 B   | 6                  | TTh                                   | 800-530              | GLD 317             | KOEPKE,J<br>STOKES,D       |
| TERM A<br>ADD CODE REQUIRED (PD.1)<br>RESTORATION DESIGN: ECOLOGICAL &<br>ARTISTIC FIELD STUDIES OF WASHFS<br>NATIVE PLANT COMMUNITIES  |                    |                                       |                      |                     |                            |
| 2182 C  | 3                  | TTh                                   | 550-720              | ARC 019             | WINTERSOTTOM               |
| TERM A<br>ENVIRONMENTAL DESIGN ETHICS   |                    |                                       |                      |                     |                            |
| 2183 D  | 3                  | TTh                                   | TO BE ARRANGED       |                     | RICE,A                     |
| TERM A<br>DESIGN GRAPHIC WKSH: SAN JUAN ISL<br>WEEK LONG WKSH-SPECIAL MTG *<br>JULY 11 - JULY 15<br>FR 7/8 WILL MEET 6:00-8:00P GLD 317 |                    |                                       |                      |                     |                            |
| 2184 U  | 3                  | MW                                    | 600-720P             | PAR 108             | STRETFIELD                 |
| OFFERED JOINTLY WITH URBDP 471 U  |                    |                                       |                      |                     |                            |
| L ARC 499<br>>2185 A  | 1-6                | UNDERGRAD RESEARCH<br>TO BE ARRANGED  |                      |                     |                            |
| MAJORS ONLY   |                    |                                       |                      |                     |                            |
| L ARC 600<br>>2186 A  | VAR                | INDEPNONT STDY/RSCH<br>TO BE ARRANGED |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY  |                    |                                       |                      |                     |                            |
| L ARC 601<br>>2187 A  | 3-9                | INTERNSHIP<br>TO BE ARRANGED          |                      |                     |                            |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY  |                    |                                       |                      |                     |                            |
| L ARC 700<br>>2188 A  | VAR                | MASTERS THESIS<br>TO BE ARRANGED      |                      |                     |                            |
| GRADS ONLY<br>MAJORS ONLY   |                    |                                       |                      |                     |                            |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.



## Summer Quarter Time Schedule

| DEPT<br>SLN<br>SPEC CODE   | COURSE<br>SECTION<br>CRD  | TITLE<br>DAY<br>COMMENTS   | TIME   | BLDG ROOM  | INSTR  | DEPT<br>SLN<br>SPEC CODE   | COURSE<br>SECTION<br>CRD  | TITLE<br>DAY<br>COMMENTS  | TIME  | BLDG ROOM  | INSTR  | DEPT<br>SLN<br>SPEC CODE   | COURSE<br>SECTION<br>CRD   | TITLE<br>DAY<br>COMMENTS   | TIME  | BLDG ROOM   | INSTR  |   |   |   |   |  |  |   |  |
|--|---|--|--|--|--|--|---|---|---|--|--|--|--|--|---|---|--|---|---|---|---|--|--|---|--|
| <b>ART</b>   |   |  |  |  |  | <b>ART 276 CONTEMP PUBLIC ART</b><br>1127 A 5 TTh 900-200 AND 010 YOUNG,J<br>TERM B<br>ADD CODE REQUIRED (PD.3)  | <b>ART H 330 TRIBAL ART &amp; PHIL</b><br>1149 A 5 MWF 940-1120 SG 134 BRAYMANN,R   |   |   |  |  |  |  |  |   |   |  |   |   |   |   |  |  |   |  |
| <b>ART</b>   |   |  |  |  |  | <b>ART 332 INTERMD SCULPT COMP</b><br>> 1128 A 5 MTWTh 830-1150 ART 124 TAYLORN<br>TERM A<br>OFFERED JOINTLY WITH ART 272 A<br>PLUS 4 SCHEDULED HRS *            | <b>ART H 381 ART SINCE WW II</b><br>1150 A 5 TW 1200-210 AND 223 FAILING,P  |   |   |  |  |  |  |  |   |   |  |   |   |   |   |  |  |   |  |
| ENTRY/DROP CODES FOR UNDERGRADUATES ARE AVAILABLE IN ART 104 OR CALL 543-0646.<br>ENTRY CODES FOR GRADUATES ARE AVAILABLE IN ART 102 OR CALL 543-0970.<br>NO AUDITORS PERMITTED IN STUDIO CLASSES.<br>IF THERE IS A DEMAND FOR SPACE IN A STUDIO ART CLASS, AN ENROLLED STUDENT WHO HAS MISSED THE FIRST TWO MEETINGS OF THE CLASS WITHOUT CONTACTING THE INSTRUCTOR WILL BE REQUIRED TO DROP THE CLASS. |   |  |  |  |  | <b>ART 345 INTAGLIO</b><br>1129 A 5 MTWTh 830-1150 ART 210 LABITZKE,C<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS *        | <b>ART H 488 UNDERGRAD PRACTICUM</b><br>> 1151 A 2-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY<br>PERM OF INSTR                                   |   |   |  |  |  |  |  |   |   |  |   |   |   |   |  |  |   |  |
| <b>ART 105 DRAWING</b><br>1111 A 5 MTWTh 830-1220 ART 304<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 HRS *  | <b>ART 106 DRAWING</b><br>1112 B 5 MTWTh 1230-420 ART 304 GANZK<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS * | <b>ART 106 DRAWING</b><br>1113 A 5 MTWTh 1230-420 ART 327 GOVEDARE,P<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS * | <b>ART 109 DESIGN</b><br>1114 A 3 MTW 1230-330 ART 325<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS * | <b>ART 109 DESIGN</b><br>1115 B 3 MTW 830-1130 ART 325<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS *   | <b>ART 110 DESIGN</b><br>1117 A 3 MTW 830-1130 ART 230<br>TERM A<br>ADD CODE REQUIRED (PD.3) | <b>ART 202 CERAM ART THROWING</b><br>1119 A 5 MW 830-1150 CMA 101 WALKER,J<br>ADD CODE REQUIRED (PD.3)<br>LAB FEE REQUIRED                                       | <b>ART 230 INTRO PHOTO I</b><br>1120 A 5 MTWTh 830-1150 ART 022<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS * | <b>ART 230 INTRO PHOTO I</b><br>1121 B 5 MTWTh 1230-350 ART 022<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS * | <b>ART 255 FABRIC CONSTRUCTION</b><br>1122 A 5 MTWTh 830-1150 ART 216<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS * | <b>ART 256 PAINTING</b><br>1123 A 5 MTWTh 830-1150 ART 301 PAWULAK<br>TERM A<br>OFFERED JOINTLY WITH ART 257 A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS * | <b>ART 257 PAINTING</b><br>1124 A 5 MTWTh 830-1150 ART 301 PAWULAK<br>TERM A<br>OFFERED JOINTLY WITH ART 256 A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS * | <b>ART 265 INTERMED DRAWING</b><br>1125 A 5 MTWTh 830-1150 ART 329 PRACZUKOWSKI<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PLUS 4 SCHEDULED HRS *                  | <b>ART 272 BEG SCULPTURE COMP</b><br>1126 A 5 MTWTh 830-1150 ART 124 TAYLORN<br>TERM A<br>OFFERED JOINTLY WITH ART 332 A<br>ADD CODE REQUIRED (PD.3)<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS * | <b>ART 350 PRINTMKG SPEC PROJ</b><br>> 1130 A 5 MTWTh 1230-350 ART 201 SCHEER,S<br>TERM A<br>BOOKMAKING WORKSHOP<br>PLUS 4 SCHEDULED HRS * | <b>ART 393 INTERM CERAMIC ART</b><br>> 1131 A 5 MW 110-430 CMA 101 WALKER,J<br>LAB FEE REQUIRED | <b>ART 372 INTERMD PHOTO II</b><br>> 1132 A 5 MTWTh 830-1150 ART 110 CARRAHER,R<br>TERM A<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS * | <b>ART 411 ADV PHOTO</b><br>> 1133 A 5 MTWTh 1230-350 ART 019 BERGER,P<br>TERM A<br>LAB FEE REQUIRED | <b>ART 436 SCULPTURE COMPOSITN</b><br>> 1134 A 5 MTWTh 830-1150 ART 124 TAYLORN<br>TERM A<br>OFFERED JOINTLY WITH ART 272 A<br>LAB FEE REQUIRED<br>PLUS 4 SCHEDULED HRS * | <b>ART 496 U/GRAD INTERNSHIP</b><br>> 1135 A 2-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY | <b>ART 498 INDIV PROJ-PTG/SCLP</b><br>> 1136 A 3/5 TO BE ARRANGED * * | <b>ART 499 INDIV PROJ-DESIGN</b><br>> 1137 A 3/5 TO BE ARRANGED * *<br>> 1138 B 5 TTh 830-1150 ART 207 WHITEHILL-WA<br>LAB FEE REQUIRED<br>COMPUTER GRAPHICS<br>PREREQ: KNOWLEDGE OF MACINTOSH<br>INTERFACE | <b>ART 499 INDIV PROJ-DESIGN</b><br>> 1139 C 5 TTh 1230-400 ART 207 WHITEHILL-WA<br>LAB FEE REQUIRED<br>COMPUTER MULTIMEDIA<br>PREREQ: KNOWLEDGE OF MACINTOSH<br>INTERFACE | <b>ART 499 INDIV PROJ-DESIGN</b><br>> 1140 D 5 MW 900-410 CMA 115 BALDWIN,P<br>TERM A<br>LAB FEE REQUIRED<br>CONTEMPORARY STEEL-SMITHING | <b>ART 600 INDEPNDNT STDY/RSCH</b><br>> 1141 A VAR TO BE ARRANGED * * | <b>ART 700 MASTERS THESIS</b><br>> 1142 A VAR TO BE ARRANGED * * |
| <b>ART HISTORY</b>   |   |  |  |  |  | ENTRY CODES FOR UGRADS ARE AVAILABLE IN ART 104.<br>ENTRY CODES FOR GRADS ARE AVAILABLE IN ART 209.  |   |   |   |  |  | <b>ASIAN LANGUAGES &amp; LITERATURE</b>  |  |  |   |   |  |   |   |   |   |  |  |   |  |
| <b>ART H 201 SURV WEST ART-ANG</b><br>1143 A 5 MTWTh 830-930 AND 223   | <b>ART H 202 WEST ART MED &amp; REN</b><br>1144 A 5 MTWTh 1200-100 CMU 120  | <b>ART H 203 SURV WEST ART-MOD</b><br>1145 A 5 MTWTh 110-210 CMU 120 LUFF,B  | <b>ART H 311 CHINESE ART</b><br>1148 A 5 TWTh 940-1120 AND 223 SILBERGELD,J  | <b>ASIAN LANGUAGES &amp; LITERATURE</b><br><hr/> <b>ASIAN LANGUAGES &amp; LITERATURE</b><br><hr/> <b>ASIAN 600 INDEPNDNT STDY/RSCH</b><br>> 1157 A VAR TO BE ARRANGED * *<br>INSTRUCTOR ID GWN 225 |  |  |   |   |   | <b>ASIAN 700 MASTERS THESIS</b><br>> 1158 A VAR TO BE ARRANGED * *<br>INSTRUCTOR ID GWN 225  |  |  |  |  |   | <b>ASIAN 800 DOCTORAL DISSERTATN</b><br>> 1159 A VAR TO BE ARRANGED * *<br>INSTRUCTOR ID GWN 225  |  |   |   |   |   |  |  |   |  |
| <b>CHINESE</b>   |   |  |  |  |  | <b>CHIN 134 FIRST-YR INTEN CHIN</b><br>1426 A 15 MTWThF 830-100 MLR 316 MEI NA HSEH<br>ADD CODE REQUIRED (PD.3)<br>EC GWN 244                                    | <b>CHIN 134 FIRST-YR INTEN CHIN</b><br>1427 B 15 MTWThF 830-100 SMI 404<br>ADD CODE REQUIRED (PD.3)<br>EC GWN 214                                   | <b>CHIN 234 SECON-YR INTEN CHIN</b><br>1428 A 15 MTWThF 830-100 MLR 302B HSAH<br>ADD CODE REQUIRED (PD.3)<br>EC GWN 212                             | <b>CHIN 293 INT LIT/IDEAS CHINA</b><br>1429 A 5 MTWThF 940-1040 GLD 442 BOLTZW  | <b>CHIN 499 UNDERGRAD RESEARCH</b><br>> 1430 A 3-5 TO BE ARRANGED * *<br>EC GWN 225  | <b>HINDI</b>   |  |  |  |   |   |  |   |   |   |   |  |  |   |  |
| <b>HINDI 321 INTERMED HINDI</b><br>2029 A 5 MTWThF 830-100 SMI 305 ENTWISTLE,A<br>HINDI,SN SHAPRO,M<br>MTWThF 830-100 SMI 407<br>CONCUR REG IN 322, 323 REQUIRED   |   |  |  |  |  | <b>HINDI 322 INTERMED HINDI</b><br>2030 A 5 MTWThF 830-100 SMI 305 ENTWISTLE,A<br>HINDI,SN SHAPRO,M<br>MTWThF 830-100 SMI 407<br>CONCUR REG IN 321, 323 REQUIRED |   |   |   |  |  | <b>HINDI 323 INTERMED HINDI</b><br>2031 A 5 MTWThF 830-100 SMI 305 ENTWISTLE,A<br>HINDI,SN SHAPRO,M<br>MTWThF 830-100 SMI 407<br>CONCUR REG IN 321, 322 REQUIRED |  |  |   |   |  |   |   |   |   |  |  |   |  |
| <b>HINDI 499 UNDERGRAD RESEARCH</b><br>> 2032 A 3-5 TO BE ARRANGED * *<br>EC GWN 225   |   |  |  |  |  |  |   |   |   |  |  |  |  |  |   |   |  |   |   |   |   |  |  |   |  |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
 See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

**INDIAN**

INDN 411 INTRO INTEN BENGALI  
> 2137 A 15 MTWTF 830-100 SMI 111 SALOMON,C

**JAPANESE**

JAPAN 134 FIRST-YR INTEN JAPN  
2169 AA 15 MTWTF 830-930 PAR 106  
MTWTF 940-100 PAR 313

ADD CODE REQUIRED (PD.3)  
EC GWN M212  
PLACEMENT TEST REQUIRED IF ANY NON-  
UNW PRIOR KNOWLEDGE/STUDY OF LANG  
NO AUDITORS

2170 AB 15 MTWTF 830-930 PAR 106  
MTWTF 940-100 MLR 302A

ADD CODE REQUIRED (PD.3)  
EC GWN M212  
PLACEMENT TEST REQUIRED IF ANY NON-  
UNW OR KNOWLEDGE/STUDY OF LANG  
NO AUDITORS

JAPAN 234 SECOND-YR INTEN JAPN  
2171 AA 15 MTWTF 830-930 DEN 304  
MTWTF 940-100 DEN 313

ADD CODE REQUIRED (PD.3)  
EC GWN M214  
PLACEMENT TEST REQUIRED IF ANY NON-  
UNW OR KNOWLEDGE/STUDY OF LANG  
NO AUDITORS

2172 AB 15 MTWTF 830-930 DEN 304  
MTWTF 940-100 WEB 242

ADD CODE REQUIRED (PD.3)  
EC GWN M214  
PLACEMENT TEST REQUIRED IF ANY NON-  
UNW PRIOR KNOWLEDGE/STUDY OF LANG  
NO AUDITORS

JAPAN 499 UNDERGRAD RESEARCH  
> 2173 A 3-5 TO BE ARRANGED . . .  
EC GWN 225

**KOREAN**

KOR 301 INTRO TO KOREAN  
> 2174 A 5 MTWTF 830-100 SIG 325 KIM,S  
EC GWN M244  
CONCUR REG IN 302, 303 REQUIRED

KOR 302 INTRO TO KOREAN  
> 2175 A 5 MTWTF 830-100 SIG 325  
EC GWN M244  
CONCUR REG IN 301, 303 REQUIRED

KOR 303 INTRO TO KOREAN  
> 2176 A 5 MTWTF 830-100 SIG 325  
EC GWN M244  
CONCUR REG IN 301, 302 REQUIRED

**ASTRONOMY**

ENTRY CODES ARE AVAILABLE IN PHY 260

ASTR 101 ASTRONOMY  
1160 AA 5 TTh 1050-1220 JHN 101 SULLIVAN,W  
M 1050-1150 JHN 223  
W 1050-1150 WEB 248

1161 AB 5 TTh 1050-1220 JHN 101 SULLIVAN,W  
M 1050-1150 PHY 154  
W 1050-1150 JHN 223

1162 AC 5 TTh 1050-1220 JHN 101 SULLIVAN,W  
M 940-1040 JHN 223  
W 940-1040 EEB 108

1163 AD 5 TTh 1050-1220 JHN 101 SULLIVAN,W  
M 940-1040 MOR 225  
W 940-1040 JHN 223

1164 AE 5 TTh 1050-1220 JHN 101 SULLIVAN,W  
M 1200-100 JHN 223  
W 1200-100 JHN 111

1165 AF 5 TTh 1050-1220 JHN 101 SULLIVAN,W  
M 1200-100 JHA 111  
W 1200-100 JHN 223

ASTR 201 THE UNIVERSE  
1166 AA 5 MW 1050-1220 JHN 064 SULLIVAN,W  
T 940-1040 JHN 223  
Th 940-1040 PHY 154

1167 AB 5 MW 1050-1220 JHN 064 SULLIVAN,W  
T 940-1040 PHY 320  
Th 940-1040 JHN 223

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

1168 AC 5 MW 1050-1220 JHN 064 SULLIVAN,W  
T 1050-1150 JHN 223  
Th 1050-1150 PHY 154

1169 AD 5 MW 1050-1220 JHN 064 SULLIVAN,W  
T 1050-1150 SIG 228  
Th 1050-1150 JHN 223

ASTR 497 TOPICS IN ASTRONOMY  
> 1170 A 3 TTh 110-240 CHL 101 MORGAN,J  
PERM OF INSTR

ASTR 499 UNDERGRAD RESEARCH  
> 1171 A VAR TO BE ARRANGED . . .

ASTR 600 INDEPENDNT STDY/RSCH  
> 1172 A VAR TO BE ARRANGED . . .

ASTR 600 DOCTORAL DISSERTATN  
> 1173 A VAR TO BE ARRANGED . . .

**ATMOSPHERIC SCIENCES**

ATM 5 101 WEATHER  
1174 AA 5 MTWTh 940-1040 ATG 310C  
F 940-1040 ATG 310C  
REC FOR NON-MAJORS

ATM 5 462 SEA-AIR TRANS PROCS  
1175 AA VAR MTWTF 940-1040 ATG 610 ATAKTURK,S  
MTWTF 100-300 ATG 325

ATM 5 492 METEOR/CLMTLGY READ  
> 1176 A VAR TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. ATG 408

ATM 5 600 INDEPENDNT STDY/RSCH  
> 1177 A VAR TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. ATG 408

ATM 5 700 MASTERS THESIS  
> 1178 A VAR TO BE ARRANGED . . .  
INSTRUCTOR LD. ATG 408

ATM 5 800 DOCTORAL DISSERTATN  
> 1179 A VAR TO BE ARRANGED . . .  
INSTRUCTOR LD. ATG 408

**BIOLOGY**

NO OVERLOADS  
CHECK WITH BIOL OFFICE (HCK 318) 8:00AM ON  
FIRST DAY OF CLASS ABOUT SPACE AVAILABILITY

BIOL 100 INTRODUCTRY BIOLOGY  
1252 AA 5 MTWTh 940-1040 HCK 132 KEELY,T  
F 940-1140 HCK 344  
1253 AB 5 MTWTh 940-1040 HCK 132 KEELY,T  
F 1200-200 HCK 344

1254 AC 5 MTWTh 940-1040 HCK 132 KEELY,T  
Th 1050-1250 HCK 344

BIOL 203 INTRODUCTRY BIOLOGY  
1255 AA 5 TWTF 1200-100 HCK 132 OCONNOR,E  
T 110-430 HCK 243 WAALAND,S  
1256 AB 5 TWTF 1200-100 HCK 132 OCONNOR,E  
W 110-430 HCK 243 WAALAND,S

1257 AC 5 TWTF 1200-100 HCK 132 OCONNOR,E  
Th 830-1150 HCK 243 WAALAND,S  
1258 AD 5 TWTF 1200-100 HCK 132 OCONNOR,E  
Th 110-430 HCK 243 WAALAND,S

**BOTANY**

BOT 113 PLANT IDENT & CLASS  
1303 AA 5 MW 110-210 HCK 132 SCHWARTZ,F  
MW 220-540 HCK 244

FIELD TRIPS  
1304 AB 5 MW 110-210 HCK 132 SCHWARTZ,F  
MW 220-540 HCK 246

BOT 331 LSCAPE PLANT RECOG  
1305 A 3 TTh 110-510 JHN 353 TSUKADAM  
TERM A  
OFFERED JOINTLY WITH UHF 331 A

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

BOT 458 ALPINE PLANT ECOL  
> 1306 A 5 TTh 1050-1210 JHN 053 EDWARDS,O  
TERM B  
EC HCK 430  
PERM OF INSTR ONLY  
FIELD TRIPS

BOT 498 SPEC PROB IN BOTANY  
> 1307 A 1-15 TO BE ARRANGED . . .  
INSTRUCTOR LD. HCK 430

BOT 511 SCAN EM & EDS  
> 1308 A 2-3 TO BE ARRANGED . . .  
INSTRUCTOR LD. HCK 430

BOT 597 ADVAN READ IN BOT  
> 1310 A 1-3 TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HCK 430

BOT 598 FIELD STUDIES IN BOT  
> 1311 A 1-5 TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HCK 430

BOT 599 LAB STUDIES IN BOT  
> 1312 A 1-6 TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HCK 430

BOT 600 INDEPENDNT STDY/RSCH  
> 1313 A 1-9 TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HCK 430

BOT 700 MASTERS THESIS  
> 1315 A 1-9 TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HCK 430

BOT 800 DOCTORAL DISSERTATN  
> 1317 A 1-9 TO BE ARRANGED . . .  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HCK 430

**CHEMISTRY**

BEGINNING AUTUMN 1993, ALL OVERLOADS FOR CHEM  
LECTURE COURSES WILL BE MADE AVAILABLE ON STAR  
DURING REGISTRATION PERIOD II. ADD CODES AND DROP  
CODES ARE REQUIRED FOR ALL CHEM LAB COURSES DURING  
REGISTRATION PERIOD II, AVAILABLE FROM BAG 271.

CHEM 100 CHEMICAL SCIENCE  
1350 AA 5 TWTF 1200-100 BAG 154  
W 110-320 BAG 133

ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)  
1361 AB 5 TWTF 1200-100 BAG 154  
Th 110-320 BAG 133

ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)

CHEM 102 GEN & ORGAN CHEM  
1362 AA 5 MTWTh 940-1040 BAG 154  
W 830-1040 BAG 233

ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)

CHEM 140 GENERAL CHEMISTRY  
1363 AA 4 MWF 940-1040 BAG 131  
T 1200-100 BNS 203  
Th 940-1040 BAG 131

THURS MTG IS OPTL TUTORIAL  
1364 AB 4 MWF 940-1040 BAG 131  
T 1200-100 BAG 261  
Th 940-1040 BAG 131

THURS MTG IS OPTL TUTORIAL  
1365 AC 4 MWF 940-1040 BAG 131  
T 110-210 BAG 154  
Th 940-1040 BAG 131

THURS MTG IS OPTL TUTORIAL  
1366 AD 4 MWF 940-1040 BAG 131  
T 110-210 BAG 261  
Th 940-1040 BAG 131

THURS MTG IS OPTL TUTORIAL  
1367 AE 4 MWF 940-1040 BAG 131  
T 220-320 BAG 261  
Th 940-1040 BAG 131

THURS MTG IS OPTL TUTORIAL

CHEM 141 GENERAL CHEM LAB  
1368 AA 1 M 1200-100 BAG 131  
M 110-430 BAG 290

CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)  
1369 AB 1 M 1200-100 BAG 131  
M 110-430 BAG 290

CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)



| DEPT<br>SUN<br>SPEC CODE            | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS   | TIME      | BLDG ROOM | INSTR |
|-------------------------------------|--------------------------|--|-----------|-----------|-------|
| <b>CHEMISTRY (cont.)</b>            |                          |  |           |           |       |
| 1370                                | AC 1                     | M  | 1200-100  | BAG 131   |       |
|                                     |                          | T  | 830-1150  | BAG 290   |       |
|                                     |                          | CREDIT/NO CREDIT ONLY<br>ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)                         |           |           |       |
| 1371                                | AD 1                     | M  | 1200-100  | BAG 131   |       |
|                                     |                          | T  | 830-1150  | BAG 290   |       |
|                                     |                          | CREDIT/NO CREDIT ONLY<br>ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)                         |           |           |       |
| <b>CHEM 150 GENERAL CHEMISTRY</b>   |                          |  |           |           |       |
| 1372                                | AA 4                     | MWF  | 1050-1150 | BAG 131   |       |
|                                     |                          | T  | 830-930   | BAG 106   |       |
|                                     |                          | Th   | 1050-1150 | BAG 131   |       |
|                                     |                          | THURS MTG IS OPTL TUTORIAL   |           |           |       |
| 1373                                | AB 4                     | MWF  | 1050-1150 | BAG 131   |       |
|                                     |                          | T  | 940-1040  | ARC 133   |       |
|                                     |                          | Th   | 1050-1150 | BAG 131   |       |
|                                     |                          | THURS MTG IS OPTL TUTORIAL   |           |           |       |
| 1374                                | AC 4                     | MWF  | 1050-1150 | BAG 131   |       |
|                                     |                          | T  | 1200-100  | CHL 105   |       |
|                                     |                          | Th   | 1050-1150 | BAG 131   |       |
|                                     |                          | THURS MTG IS OPTL TUTORIAL   |           |           |       |
| <b>CHEM 151 GENERAL CHEM LAB</b>    |                          |  |           |           |       |
| 1375                                | AA 1                     | T  | 1050-1150 | BAG 131   |       |
|                                     |                          | T  | 200-500   | BAG 290   |       |
|                                     |                          | CREDIT/NO CREDIT ONLY<br>ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 140/141 |           |           |       |
| 1376                                | AB 1                     | T  | 1050-1150 | BAG 131   |       |
|                                     |                          | T  | 200-500   | BAG 290   |       |
|                                     |                          | CREDIT/NO CREDIT ONLY<br>ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 140/141 |           |           |       |
| 1377                                | AC 1                     | W  | 1050-1150 | BAG 131   |       |
|                                     |                          | W  | 110-430   | BAG 290   |       |
|                                     |                          | CREDIT/NO CREDIT ONLY<br>ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 140/141 |           |           |       |
| <b>CHEM 160 GENERAL CHEMISTRY</b>   |                          |  |           |           |       |
| 1378                                | AA 4                     | MWF  | 830-930   | BAG 131   |       |
|                                     |                          | Th   | 830-930   | BAG 106   |       |
|                                     |                          | T  | 830-930   | BAG 131   |       |
|                                     |                          | TUES MTG IS OPTL TUTORIAL  |           |           |       |
| 1379                                | AB 4                     | MWF  | 830-930   | BAG 131   |       |
|                                     |                          | Th   | 830-930   | EEB 218   |       |
|                                     |                          | T  | 830-930   | BAG 131   |       |
|                                     |                          | TUES MTG IS OPTL TUTORIAL  |           |           |       |
| 1380                                | AC 4                     | MWF  | 830-930   | BAG 131   |       |
|                                     |                          | Th   | 940-1040  | MEB 248   |       |
|                                     |                          | T  | 830-930   | BAG 131   |       |
|                                     |                          | TUES MTG IS OPTL TUTORIAL  |           |           |       |
| <b>CHEM 161 GENERAL CHEM LAB</b>    |                          |  |           |           |       |
| 1381                                | AA 2                     | T  | 940-1040  | BAG 131   |       |
|                                     |                          | Th   | 1200-400  | BAG 290   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 150/151                          |           |           |       |
| 1382                                | AB 2                     | T  | 940-1040  | BAG 131   |       |
|                                     |                          | Th   | 1200-400  | BAG 290   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: 150/151                               |           |           |       |
| 1383                                | AC 2                     | F  | 940-1040  | BAG 131   |       |
|                                     |                          | F  | 1200-400  | BAG 290   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 150/151                          |           |           |       |
| <b>CHEM 189 SPECIAL PROBLEMS</b>    |                          |  |           |           |       |
| > 1384                              | A 1                      | TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |
| > 1385                              | B 1                      | TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |
| <b>CHEM 223 ORG CHEM SHORT PROG</b> |                          |  |           |           |       |
| 1386                                | AA 4                     | MWF  | 940-1150  | BAG 261   |       |
|                                     |                          | Th   | 940-1040  | BAG 261   |       |
|                                     |                          | TERM A   |           |           |       |
| 1387                                | AB 4                     | MWF  | 940-1150  | BAG 261   |       |
|                                     |                          | Th   | 1050-1150 | BAG 154   |       |
|                                     |                          | TERM A   |           |           |       |
| 1388                                | AC 4                     | MWF  | 940-1150  | BAG 261   |       |
|                                     |                          | Th   | 830-930   | CHL 105   |       |
|                                     |                          | TERM A   |           |           |       |
| <b>CHEM 224 ORG CHEM SHORT PROG</b> |                          |  |           |           |       |
| 1389                                | AA 4                     | MWF  | 940-1150  | BAG 261   |       |
|                                     |                          | Th   | 940-1040  | BAG 261   |       |
|                                     |                          | TERM B   |           |           |       |

| DEPT<br>SUN<br>SPEC CODE            | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS   | TIME      | BLDG ROOM | INSTR |
|-------------------------------------|--------------------------|--|-----------|-----------|-------|
| 1390                                | AB 4                     | MWF  | 940-1150  | BAG 261   |       |
|                                     |                          | Th   | 1050-1150 | BAG 154   |       |
|                                     |                          | TERM B   |           |           |       |
| 1391                                | AC 4                     | MWF  | 940-1150  | BAG 261   |       |
|                                     |                          | Th   | 830-930   | BAG 108   |       |
|                                     |                          | TERM B   |           |           |       |
| <b>CHEM 237 ORGANIC CHEMISTRY</b>   |                          |  |           |           |       |
| 1392                                | AA 4                     | MWF  | 110-210   | BAG 261   |       |
|                                     |                          | T  | 110-210   | BNS 203   |       |
| 1393                                | AB 4                     | MWF  | 110-210   | BAG 261   |       |
|                                     |                          | T  | 1050-1150 | BAG 261   |       |
| <b>CHEM 238 ORGANIC CHEMISTRY</b>   |                          |  |           |           |       |
| 1394                                | AA 4                     | MWF  | 1050-1150 | BAG 154   |       |
|                                     |                          | Th   | 940-1040  | EEB 218   |       |
|                                     |                          | PREREQ: CHEM 237   |           |           |       |
| 1395                                | AB 4                     | MWF  | 1050-1150 | BAG 154   |       |
|                                     |                          | Th   | 1050-1150 | BAG 261   |       |
|                                     |                          | PREREQ: CHEM 237   |           |           |       |
| <b>CHEM 239 ORGANIC CHEMISTRY</b>   |                          |  |           |           |       |
| 1396                                | A 3                      | MWF  | 830-930   | BAG 261   |       |
|                                     |                          | PREREQ: CHEM 238   |           |           |       |
| <b>CHEM 241 ORGANIC CHEM LAB</b>    |                          |  |           |           |       |
| 1397                                | AA 3                     | M  | 110-210   | BAG 154   |       |
|                                     |                          | Th   | 110-430   | BAG 291   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: 223/161 OR 237/161          |           |           |       |
| 1398                                | AB 3                     | M  | 110-210   | BAG 154   |       |
|                                     |                          | Th   | 110-430   | BAG 291   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: 223/161 OR 237/161          |           |           |       |
| 1399                                | AC 3                     | M  | 110-210   | BAG 154   |       |
|                                     |                          | W  | 110-430   | BAG 291   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: 223/161 OR 237/161          |           |           |       |
| <b>CHEM 242 ORGANIC CHEM LAB</b>    |                          |  |           |           |       |
| 1400                                | AA 3                     | M  | 1200-100  | BAG 261   |       |
|                                     |                          | Th   | 830-1150  | BAG 233   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 238 & 241              |           |           |       |
| 1401                                | AB 3                     | M  | 1200-100  | BAG 261   |       |
|                                     |                          | Th   | 110-430   | BAG 233   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 238 & 241              |           |           |       |
| 1402                                | AC 3                     | M  | 1200-100  | BAG 261   |       |
|                                     |                          | W  | 110-430   | BAG 233   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>PREREQ: CHEM 238 & 241              |           |           |       |
| <b>CHEM 299 SPEC PROBS/PT WRTO</b>  |                          |  |           |           |       |
| > 1403                              | A 1                      | TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |
| > 1404                              | B 1                      | TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |
| <b>CHEM 321 QUANTITATIVE ANALYS</b> |                          |  |           |           |       |
| 1405                                | AA 5                     | MW   | 830-930   | BAG 154   |       |
|                                     |                          | Th   | 800-1220  | BAG 191   |       |
|                                     |                          | F  | 830-930   | BAG 154   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>FRIDAY MEETING IS OPTIONAL TUTORIAL |           |           |       |
| 1406                                | AB 5                     | MW   | 830-930   | BAG 154   |       |
|                                     |                          | Th   | 1230-450  | BAG 191   |       |
|                                     |                          | F  | 830-930   | BAG 154   |       |
|                                     |                          | ADD CODE REQUIRED (PD.3)<br>DROP CODE REQUIRED (PD.3)<br>FRIDAY MEETING IS OPTIONAL TUTORIAL |           |           |       |
| <b>CHEM 399 UNDERGRAD RESEARCH</b>  |                          |  |           |           |       |
| > 1408                              | A                        | VAR TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |
| > 1409                              | B                        | VAR TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |
| <b>CHEM 455 PHYSICAL CHEMISTRY</b>  |                          |  |           |           |       |
| 1410                                | A 3                      | MWF  | 940-1040  | BNS 115   |       |
| <b>CHEM 456 PHYSICAL CHEMISTRY</b>  |                          |  |           |           |       |
| 1411                                | A 3                      | MWF  | 1050-1150 | BNS 115   |       |
|                                     |                          | OFFERED JOINTLY WITH CH E 456 A  |           |           |       |
| <b>CHEM 499 UG RES/REPORT WRTO</b>  |                          |  |           |           |       |
| > 1412                              | A                        | VAR TO BE ARRANGED   |           |           |       |
|                                     |                          | CREDIT/NO CREDIT ONLY  |           |           |       |
|                                     |                          | MEETS WRITING COURSE REQUIREMENT   |           |           |       |
|                                     |                          | INSTRUCTOR I.D. BAG 109C   |           |           |       |

| DEPT<br>SUN<br>SPEC CODE             | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS         | TIME | BLDG ROOM | INSTR |
|--------------------------------------|--------------------------|----------------------------------|------|-----------|-------|
| > 1413                               | B                        | VAR TO BE ARRANGED               |      |           |       |
|                                      |                          | H CREDIT/NO CREDIT ONLY          |      |           |       |
|                                      |                          | MEETS WRITING COURSE REQUIREMENT |      |           |       |
|                                      |                          | INSTRUCTOR I.D. BAG 109C         |      |           |       |
| <b>CHEM 590 SMNR GENERAL CHEM</b>    |                          |                                  |      |           |       |
| 1414                                 | A 1                      | TO BE ARRANGED                   |      |           |       |
|                                      |                          | CREDIT/NO CREDIT ONLY            |      |           |       |
| <b>CHEM 591 SMNR INORGANIC CHEM</b>  |                          |                                  |      |           |       |
| 1415                                 | A 1                      | TO BE ARRANGED                   |      |           |       |
|                                      |                          | CREDIT/NO CREDIT ONLY            |      |           |       |
| <b>CHEM 592 SMNR ANALYTICAL CHEM</b> |                          |                                  |      |           |       |
| 1416                                 | A 1                      | TO BE ARRANGED                   |      |           |       |
|                                      |                          | CREDIT/NO CREDIT ONLY            |      |           |       |
| <b>CHEM 593 SMNR ORGANIC CHEM</b>    |                          |                                  |      |           |       |
| 1417                                 | A 1                      | TO BE ARRANGED                   |      |           |       |
|                                      |                          | CREDIT/NO CREDIT ONLY            |      |           |       |
| <b>CHEM 595 SMNR PHYSICAL CHEM</b>   |                          |                                  |      |           |       |
| 1418                                 | A 1                      | TO BE ARRANGED                   |      |           |       |
|                                      |                          | CREDIT/NO CREDIT ONLY            |      |           |       |
| <b>CHEM 600 INDEPENDNT STDY/RSCH</b> |                          |                                  |      |           |       |
| > 1419                               | A                        | VAR TO BE ARRANGED               |      |           |       |
| <b>CHEM 700 MASTERS THESIS</b>       |                          |                                  |      |           |       |
| > 1420                               | A                        | VAR TO BE ARRANGED               |      |           |       |
| <b>CHEM 800 DOCTORAL DISSERTATN</b>  |                          |                                  |      |           |       |
| > 1421                               | A                        | VAR TO BE ARRANGED               |      |           |       |

**CLASSICS/CLASSICAL LANGUAGES**

**CLASSICS/CLASSICAL LANGUAGES**

| DEPT<br>SUN<br>SPEC CODE               | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS  | TIME      | BLDG ROOM | INSTR     |
|--|--------------------------|---------------------------|-----------|-----------|-----------|
| <b>CLAS 101 LAT &amp; GRK CURR USE</b> |                          |                           |           |           |           |
| 1441                                   | A 2                      | Th                        | 830-930   | DEN 317   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| 1442                                   | B 2                      | Th                        | 940-1040  | DEN 307   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| 1443                                   | C 2                      | Th                        | 1050-1150 | DEN 305   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| 1444                                   | U 2                      | M                         | 700-900P  | DEN 310   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| 1445                                   | V 2                      | Th                        | 700-900P  | DEN 310   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| <b>CLAS 205 BIOSCIENTIFIC VOCAB</b>    |                          |                           |           |           |           |
| 1446                                   | A 3                      | MWF                       | 940-1040  | CHL 101   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| 1447                                   | B 3                      | MWF                       | 1050-1150 | CHL 101   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| 1448                                   | C 3                      | MWF                       | 1200-100  | CHL 101   |           |
|  |                          | CREDIT/NO CREDIT ONLY     |           |           |           |
|  |                          | NO AUDITORS; NO OVERLOADS |           |           |           |
| <b>CLAS 427 GRK ROM TRAG IN ENG</b>    |                          |                           |           |           |           |
| 1449                                   | A 5                      | MTWTF                     | 940-1150  | SMI 107   | HALLERANM |
|  |                          | TERM B                    |           |           |           |
| <b>CLAS 432 CLAS MYTH IN FILM</b>      |                          |                           |           |           |           |
| 1450                                   | A 5                      | MTWTF                     | 940-1150  | BLD 392   | CLAUSSJ   |
|  |                          | TERM A                    |           |           |           |
| <b>CLAS 495 SENIOR ESSAY</b>           |                          |                           |           |           |           |
| > 1451                                 | A 1-3                    | TO BE ARRANGED            |           |           |           |
|  |                          | INSTRUCTOR I.D. DEN 218   |           |           |           |
| <b>CLAS 700 MASTERS THESIS</b>         |                          |                           |           |           |           |
| > 1452                                 | A                        | VAR TO BE ARRANGED        |           |           |           |
|  |                          | INSTRUCTOR I.D. DEN 218   |           |           |           |
| <b>CLAS 800 DOCTORAL DISSERTATN</b>    |                          |                           |           |           |           |
| > 1453                                 | A                        | VAR TO BE ARRANGED        |           |           |           |
|  |                          | INSTRUCTOR I.D. DEN 218   |           |           |           |
| <b>GREEK</b>                           |                          |                           |           |           |           |
| <b>GRK 101 ELEMENTARY GREEK</b>        |                          |                           |           |           |           |
| 2021                                   | A 5                      | MTWTF                     | 830-1040  | SAV 245   |           |
|  |                          | TERM A                    |           |           |           |
|  |                          | NO AUDITORS               |           |           |           |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

# University of Washington

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
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## GREEK (cont.)

GRK 102 ELEMENTARY GREEK  
2022 A 5 MTWTF 830-1040 SMU 311  
TERM B  
NO AUDITORS

GRK 463 HELLENISTIC GRK LIT  
2023 A 5 MW 110-310 DEN 312  
PLUTARCH'S LIFE OF ANTONY

GRK 490 SUPERVISED STUDY  
>2024 A VAR TO BE ARRANGED  
INSTRUCTOR LD. DEN 218

GRK 590 SUPERVISED STUDY  
>2025 A VAR TO BE ARRANGED  
INSTRUCTOR LD. DEN 218

GRK 600 INDEPENDNT STDY/RSCH  
>2026 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. DEN 218

## LATIN

LAT 101 ELEMENTARY LATIN  
2205 A 5 MTWTF 830-1040 SAV 153  
TERM A  
NO AUDITORS

LAT 102 ELEMENTARY LATIN  
2206 A 5 MTWTF 830-1040 DEN 209  
TERM B  
NO AUDITORS

LAT 461 LAT LIT OF REPUBLIC  
2207 A 5 TTh 110-310 DEN 312 GOWINGA  
CAESAR'S BELLUM CIVILE

LAT 490 SUPERVISED STUDY  
>2208 A VAR TO BE ARRANGED  
INSTRUCTOR LD. DEN 218

LAT 520 SEMINAR  
>2209 A 5 MTh 330-510 DEN 210 CLAUSSEJ  
EC DEN 218  
CICERO'S LETTERS

LAT 590 SUPERVISED STUDY  
>2210 A VAR TO BE ARRANGED  
INSTRUCTOR LD. DEN 218

LAT 600 INDEPENDNT STDY/RSCH  
>2211 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. DEN 218

## COMMUNICATIONS

CMU 201 HST OF CMU & JRLISM  
1454 A 5 MTWTF 830-930 CMU 332  
ADD CODE REQUIRED (PD.3)  
EC CMU 118

CMU 202 PHENOMENA OF CMU  
1455 A 5 MTWTF 940-1040 CMU 332  
ADD CODE REQUIRED (PD.3)  
EC CMU 118

CMU 203 MASS CMU & SOCIETY  
1456 A 5 MWF 830-950 CMU 104  
ADD CODE REQUIRED (PD.3)  
EC CMU 118

CMU 315 WRIT RSCH MAS MEDIA  
>1457 Z0 2 MW 830-1030 CMU 202  
CREDIT/NO CREDIT ONLY  
EC CMU 118

>1458 ZP 2 TTh 830-1030 CMU 202  
CREDIT/NO CREDIT ONLY  
EC CMU 118

CMU 320 LEGAL ASPECTS CMU  
1459 A 5 MTWTF 940-1150 CMU 120 PEMBERD  
TERM A  
ADD CODE REQUIRED (PD.3)  
EC CMU 118

CMU 328 NEWS LAB  
>1460 A 8 MW 1050-1250 CMU 222  
MEETS WRITING COURSE REQUIREMENT  
EC CMU 222  
PLUS ADDTL TIME \*

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CMU 330 PRIM PUB RELATIONS  
1461 A 5 TTh 1020-1250 \* \* FEARN-BANKS,  
> MEETS IN MEDIA ROOM

CMU 340 INTRO ADVERTISING  
1462 A 5 MTW 1050-1230 CMU 104

CMU 341 BEG AD COPY/LAYOUT  
>1463 A 5 M 830-1030 CMU 104 SAMPSONA  
WF 830-1030 CMU 5023  
MEETS WRITING COURSE REQUIREMENT  
EC CMU 118

CMU 345 ADVER CAMPAIGNS  
>1464 A 5 TTh 830-1000 CMU 104 SAMPSONA  
EC CMU 118

CMU 349 ADVERT INTERN  
>1465 A 2-5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. CMU 118

CMU 354 BAS VISUAL CMU  
1466 A 3 TTh 1200-130 CMU 230 BAKER,W

CMU 358 TV NEWS REPTG-EDITG  
>1467 A 5 MW 1210-210 CMU 344 CHANJA  
EC CMU 118  
PLUS ADDTL TIME \*

CMU 367 BROADCAST INTERN  
>1468 A 2-5 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. CMU 118

CMU 399 E.J. INTERNSHIP  
>1469 A 2-6 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
EC CMU 118

CMU 423 JOURNALISM ETHICS  
1470 A 5 MTWTF 830-1030 ART 006 SIMPSON,R  
TERM A

CMU 424 INTEL FRDST AM JRLISM  
1471 A 5 MTWTF 940-1150 GUG 317 UNDERWOOD,D  
TERM A

CMU 475 CMU INTL RELATIONS  
1472 A 5 MTWTF 110-320 CMU 104 GIFFARD,C  
TERM A

CMU 486 TELECOM POLICY/RSCH  
1473 A 5 MTWTF 940-1150 CMU 120 BOWES  
TERM B

CMU 498 PROBLEMS OF CMU  
>1474 A 1-5 TO BE ARRANGED \* \*  
EC CMU 118

CMU 550 ADV CMU METHODS  
>1475 A 1-3 TO BE ARRANGED \* \*  
EC CMU 221

CMU 597 PRACTCM IN CMU RSCH  
>1476 A 1-3 TO BE ARRANGED \* \*  
EC CMU 221

CMU 598 SELECTED READINGS  
>1477 A 1-5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. CMU 221.

CMU 600 INDEPENDNT STDY/RSCH  
>1478 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR LD. CMU 221

CMU 700 MASTERS THESIS  
>1479 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR LD. CMU 221

CMU 800 DOCTORAL DISSERTATN  
>1480 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR LD. CMU 221

## COMPARATIVE HISTORY OF IDEAS

A COMPLETE LIST OF CHD CORE COURSES ARE AVAILABLE  
AT THE CHD OFFICE, PDL B102 OR CALL 543-7333.

CHD 491 SENIOR THESIS  
>1422 A 5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B102D

CHD 492 SENIOR THESIS  
>1423 A 5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B102D

CHD 493 SENIOR THESIS  
>1424 A 5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B102D

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CHD 499 UNDERGRAD END STDY  
>1425 A 1-5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B102D

## COMPARATIVE LITERATURE

ENTRY CODES FOR ALL CLASSES AVAILABLE FROM  
INSTRUCTORS ONLY; INDEPENDNT STUDY AND SPECIAL  
SEMINARS AVAILABLE IN PDL B-531

C LIT 250 INTRO TO FOLKLORE  
1319 A 5 MWF 220-400 SMU 404 SMUDCHENS,G  
OFFERED JOINTLY WITH SCAND 230 A

C LIT 330 EUROPEAN FAIRY TALE  
1320 A 5 MTWTF 1050-100 SMU 120 ROSSELS  
TERM A

C LIT 357 LITERATURE & FILM  
1321 A 5 MTWTF 1200-210 PAR 106 GEORGEJ  
TERM A  
OFFERED JOINTLY WITH ENGL 369 A

C LIT 440 THE NOVEL  
1322 A 5 MTWTF 1200-210 DEN 216 KORICK,W  
TERM B

C LIT 490 DIRECTED STDY/RSCH  
>1323 A 1-5 TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B531

C LIT 495 HONORS THESIS  
>1324 A 4 TO BE ARRANGED \* \*  
H INSTRUCTOR LD. PDL B531

C LIT 590 THESIS COLLOQUIUM  
>1325 A 5 TO BE ARRANGED \* \*  
EC PDL 531

C LIT 599 SPEC SEMINAR/CONFER  
>1326 A 1-9 TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B531

C LIT 600 INDEPENDNT STDY/RSCH  
>1327 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B531

C LIT 700 MASTERS THESIS  
>1328 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B531

C LIT 800 DOCTORAL DISSERTATN  
>1329 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR LD. PDL B531

## DANCE

ENTRY CODES ARE AVAILABLE IN MNY 258

DANCE 101 INTRO TO DANCE  
1512 A 5 MTWTF 940-1110 MNY 266 CEDERLIND,C  
ADD CODE REQUIRED (PD.3) MCCLELLANJ  
BEGINNING; NO PREREQ

1513 B 5 MTWTF 1130-100 MNY 266 WILEY,H  
ADD CODE REQUIRED (PD.3)  
BEGINNING; NO PREREQ

DANCE 111 JAZZ TECHNIQUES  
1514 A 2 MW 110-240 MNY 266 VEGAJ  
ADD CODE REQUIRED (PD.3)  
BEGINNING LEVEL; NO PREREQ

DANCE 112 JAZZ TECHNIQUE I  
1515 A 2 TTh 110-240 MNY 266 VEGAJ  
ADD CODE REQUIRED (PD.3)  
BEGINNING LEVEL; NO PREREQ

DANCE 600 INDEPENDNT STDY/RSCH  
>1516 A 1-9 TO BE ARRANGED \* \*  
GRADS ONLY  
MAJORS ONLY

## DRAMA

DRAMA 101 INTRO TO THEATRE  
1535 AA 5 MWF 1200-100 HUT 218 QURIN,M  
TTh 1200-100 HUT 218  
NO DRAMA MAJORS

1536 AB 5 MWF 1200-100 HUT 218 QURIN,M  
TTh 110-210 HUT 218  
NO DRAMA MAJORS

DRAMA 201 DRAMATIC ACTION  
1537 A 5 MTWTF 940-1040 HUT 154 WOLCOTT,J

# Summer Quarter Time Schedule

| DEPT<br>SLN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS   | TIME  | BLDG ROOM | INSTR              |
|--------------------------|--------------------------|--|-------|-----------|--------------------|
| <b>DRAMA (cont.)</b>     |                          |  |       |           |                    |
| DRAMA<br>> 1538          | 259 A 5                  | PERFORMANCE PRACTICUM<br>TERM A<br>EC HUT 101<br>A PHYSICAL APPROACH TO ACTING IN<br>PERFORMANCE; SUBMIT ACTING RESUME | MTWTF | 110-430   | HUT 201 PEARSON,J  |
| DRAMA<br>1539            | 302 A 5                  | PLAY ANALYSIS<br>MEETS WRITING COURSE REQUIREMENT  | MTWTF | 940-1040  | HUT 130 QUINN,M    |
| DRAMA<br>1540            | 371 A 5                  | THEATRE AND SOCIETY  | MTWTF | 1050-1150 | HUT 130 WEEKS,S    |
| DRAMA<br>1541            | 395 A 5                  | CREATV COMPUT<br>TERM A  | MTWTF | 110-320   | CMU 8015 WOLCOTT,J |
| DRAMA<br>1542            | 473 A 5                  | MODERN EUROPEAN THR<br>TERM A  | MTWTF | 110-320   | HUT 154 WITHAM,B   |

## ECONOMICS

|              |          |   |       |           |                    |
|--------------|----------|---|-------|-----------|--------------------|
| ECON<br>1572 | 200 AA 5 | INTRO MICROECON<br>TTb  | MWF   | 940-1040  | JHN 101 THOMAS,R   |
| 1573         | AB 5     | TTb   | MWF   | 940-1040  | CLK 120 THOMAS,R   |
| 1574         | AC 5     | TTb   | MWF   | 940-1040  | JHN 101 THOMAS,R   |
| 1575         | AD 5     | TTb   | MWF   | 1050-1150 | PAR 212 THOMAS,R   |
| 1576         | AE 5     | TTb   | MWF   | 940-1040  | JHN 101 THOMAS,R   |
| 1577         | AF 5     | TTb   | MWF   | 1050-1150 | SWS 8010 THOMAS,R  |
| 1578         | AG 5     | TTb   | MWF   | 940-1040  | JHN 101 THOMAS,R   |
| 1579         | AH 5     | TTb   | MWF   | 940-1040  | JHN 101 THOMAS,R   |
|              |          | TTb   |       | 1200-100  | SMI 107            |
| ECON<br>1580 | 201 A 5  | INTRO MACROECON   | MTWTF | 830-930   | EEB 322            |
| 1581         | B 5      | TTb   | MTWTF | 1050-1150 | EEB 321            |
| 1582         | C 5      | TTb   | MTWTF | 1050-1150 | MOR 220            |
| 1583         | D 5      | TTb   | MTWTF | 1200-100  | SAV 335            |
| ECON<br>1584 | 300 A 5  | INTERM THEORY<br>PREREQ: 200 AND MATH 112 OR 124<br>OR EQUIV                          | MWF   | 1010-1140 | CMU 326            |
| ECON<br>1585 | 301 A 5  | INTERMED MACROECON<br>PREREQ: ECON 300  | MWF   | 830-1000  | CMU 326            |
| ECON<br>1586 | 311 AA 5 | INTRO TO ECON STAT<br>OFFERED JOINTLY WITH STAT 311 AA<br>ADD CODE REQUIRED (PD.3)    | MWF   | 830-930   | SAV 216<br>DEN 307 |
| 1587         | AB 5     | TTb   | MWF   | 830-930   | SAV 216            |
|              |          | TTb   |       | 940-1040  | SAV 311            |
| ECON<br>1588 | 404 A 5  | IND ORG&PRICE ANALYS<br>TERM B<br>PREREQ: ECON 300                                    | MTWTF | 110-310   | SAV 317 KHALL,F    |
| ECON<br>1589 | 408 A 5  | UNDERGRAD SMR ECON<br>MEETS WRITING COURSE REQUIREMENT<br>PREREQ: 301                 | MW    | 110-310   | SMI 305 KOCHER,L   |
| ECON<br>1590 | 422 A 5  | INVESTM CAPTL FINAN<br>TERM A<br>ADD CODE REQUIRED (PD.3)<br>PREREQ: 300,311 OR EQUIV | MTWTF | 110-310   | SAV 216 PARKS,R    |
| ECON<br>1591 | 435 A 5  | NAT RES & PBLIC POL<br>PREREQ: ECON 300 OR PERM OF INSTR                              | TTb   | 830-1040  | SWS 026 ELLIS,G    |
| ECON<br>1592 | 451 A 5  | PUB FIN: TAX POLICY<br>TERM A<br>PREREQ: 300  | MTWTF | 830-1030  | DEN 205 BRUCE,N    |

|                |           |  |       |          |                  |
|----------------|-----------|--|-------|----------|------------------|
| ECON<br>1593   | 460 A 5   | ECON HIST EUROPE<br>OFFERED JOINTLY WITH HST 481 A<br>MEETS WRITING COURSE REQUIREMENT<br>ADD CODE REQUIRED (PD.3)<br>MAJORS ONLY (PD.1)<br>PREREQ: ECON 200 AND 201 | MWF   | 1200-140 | DEN 211 THOMAS,R |
| ECON<br>1594   | 471 A 5   | INTERNATIONAL TRADE<br>TERM A<br>PREREQ: ECON 300, 301   | MTWTF | 1050-100 | SAV 245 WONG,K   |
| ECON<br>> 1595 | 499 A 1-5 | UNDERGRAD RESEARCH<br>TO BE ARRANGED<br>INSTRUCTOR I.D. SAV 304G   |       |          |                  |
| ECON<br>> 1596 | 600 A 1-5 | INDEPNDNT STDY/RSCH<br>VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. SAV 304G   |       |          |                  |
| ECON<br>> 1597 | 601 A 3-9 | INTERNSHIP<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. SAV 304G  |       |          |                  |
| ECON<br>> 1598 | 800 A 1-5 | DOCTORAL DISSERTATN<br>VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. SAV 304G   |       |          |                  |

## ENGLISH

|              |          |  |       |          |                 |
|--------------|----------|--|-------|----------|-----------------|
| ENGL<br>1713 | 100 AA 5 | INTERMEDIATE ESL<br>DROP CODE REQUIRED<br>DC LEW 103<br>R/T READING/WRTING; SPECIAL FEE;<br>NO CR    | MTWTF | 1200-100 | MEB 243         |
| 1714         | AB 5     | TTb  | MTWTF | 1200-100 | MEB 245         |
| 1715         | AC 5     | TTb  | MTWTF | 1200-100 | MEB 246         |
| 1716         | AD 5     | TTb  | MTWTF | 1200-100 | MEB 247         |
| 1717         | BA 5     | TTb  | MTWTF | 220-320  | LOW 112         |
| 1718         | BB 5     | TTb  | MTWTF | 220-320  | LOW 115         |
| 1719         | BC 5     | TTb  | MTWTF | 220-320  | LOW 117         |
| ENGL<br>1720 | 101 AA 5 | H-INTERMEDIATE ESL<br>DROP CODE REQUIRED<br>DC LEW 103<br>H/INT READING/WRTING; SPECIAL FEE<br>NO CR | MTWTF | 1200-100 | MEB 248 WILEY,M |
| 1721         | AB 5     | TTb  | MTWTF | 1200-100 | MEB 249         |
| 1722         | AC 5     | TTb  | MTWTF | 110-210  | LOW 117         |
| 1723         | AD 5     | TTb  | MTWTF | 110-210  | LOW 116         |
| 1724         | AE 5     | TTb  | MTWTF | 1200-100 | DEN 206         |
| 1725         | BA 5     | TTb  | MTWTF | 220-320  | LOW 217         |

|                |          |  |       |           |                      |
|----------------|----------|--|-------|-----------|----------------------|
| 1726           | EB 5     | TTb  | MTWTF | 220-320   | MEB 102              |
| 1727           | BC 5     | TTb  | MTWTF | 220-320   | SMI 109              |
| ENGL<br>1728   | 102 AA 5 | ADVANCED ESL<br>DROP CODE REQUIRED<br>DC LEW 103<br>ADV READING/WRTING; SPECIAL FEE<br>NO CR   | MTWTF | 110-210   | LOW 112              |
| 1729           | AB 5     | TTb  | MTWTF | 110-210   | LOW 111              |
| 1730           | AC 5     | TTb  | MTWTF | 110-210   | SAV M250             |
| > 1731         | BA 5     | TTb  | MW    | 1050-100  | CRS 103              |
|                |          |  |       |           |                      |
| > 1732         | BB 5     | TTb  | MW    | 110-320   | CRS 103              |
|                |          |  |       |           |                      |
| ENGL<br>> 1733 | 104 A 5  | INTRODUCTORY COMP<br>ADD CODE REQUIRED (PD.1&2)<br>EOP STUDENTS ONLY<br>EC FROM EOP COUNSELORS<br>PLUS 1 HOUR *  | MTWTF | 1200-100  | CMU 8006             |
| ENGL<br>1734   | 111 A 5  | COMPOSITION: LIT<br>NO AUDITORS; PLUS 1 HR WK *<br>NO OVERLOADS  | MTWTh | 940-1040  | PHY 152 VEGAN        |
| 1735           | B 5      | TTb  | MTWTF | 1200-100  | DEN 217              |
| ENGL<br>1736   | 121 A 5  | COMPOSTN: SOC ISSUE<br>NO AUDITORS; NO OVERLOADS<br>PLUS 1 HR WK *   | MTWTh | 1050-1150 | MEB 235              |
| ENGL<br>1737   | 131 A 5  | COMPOSTN: EXPOSITN<br>NO AUDITORS; NO OVERLOADS<br>PLUS 1 HR WK *  | MTWTh | 830-930   | MEB 102              |
| 1738           | B 5      | TTb  | MTWTh | 940-1040  | SAV 316              |
| 1739           | C 5      | TTb  | MTWTh | 1050-1150 | MEB 237              |
| 1740           | D 5      | TTb  | MTWTh | 1050-1150 | MEB 243              |
| 1741           | E 5      | TTb  | MTWTh | 1200-100  | CMU 232              |
| ENGL<br>1745   | 197 A 5  | WRITING HUM<br>MEETS WRITING COURSE REQUIREMENT<br>ADD CODE REQUIRED (PD.3)<br>CONCURR REG ENGL 445 A REQ'D<br>COREQUISITE REQUIRED<br>PLUS 1 HR WK *      | TTb   | 830-1040  | PAR 120 SIMMONS,ONEI |
| ENGL<br>1746   | 198 A 5  | WRITING/SOC SCI<br>MEETS WRITING COURSE REQUIREMENT<br>ADD CODE REQUIRED (PD.3)<br>CONCURR REG PSYCH 305 REQ'D<br>COREQUISITE REQUIRED<br>PLUS ONE HR WK * | MTWTh | 830-930   | LOW 114 WACKER,N     |
| 1747           | B 5      | TTb  | MTWTh | 1200-100  | MEB 250 WACKER,N     |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.



# Summer Quarter Time Schedule

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS  
SPEC CODE

## GENERAL STUDIES (cont.)

G ST 391 SUP STUDY SEL FIELDS  
>1960 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. CMU 009

G ST 493 SENIOR STUDY  
>1961 A 5 TO BE ARRANGED  
MAJORS ONLY  
INSTRUCTOR I.D. CMU 009

## GENETICS

GENET 371 INTRO GENETICS  
1962 AA 5 MTWTh 1050-1150 HCK 132  
T 110-210 HCK 324  
1963 AB 5 MTWTh 1050-1150 HCK 132  
Th 110-210 HCK 324

GENET 499 UNDERGRAD RESEARCH  
>1964 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. HSI J205

GENET 501 INTR RSCH MATERIAL  
>1965 A 3 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
GRADS ONLY  
MAJORS ONLY

GENET 600 INDEPENDNT STDY/RSCH  
>1966 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
GRADS ONLY  
ONLY MAJORS FROM INT PR COLLEGE  
MAJORS ONLY

GENET 700 MASTERS THESIS  
>1967 A 1-9 TO BE ARRANGED  
GRADS ONLY  
ONLY MAJORS FROM INT PR COLLEGE  
MAJORS ONLY

GENET 800 DOCTORAL DISSERTATN  
>1968 A VAR TO BE ARRANGED  
GRADS ONLY  
MAJORS ONLY

## GEOGRAPHY

GEOG 100 INTRO TO GEOGRAPHY  
1969 AA 5 MWF 940-1040 SMJ 102 PIRANJM  
TTh 940-1040 RAI 105  
ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)  
1970 AB 5 MWF 940-1040 SMJ 102 PIRANJM  
TTh 1050-1150 CHL 019  
ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)

GEOG 102 WORLD REGIONS  
1971 AA 5 MWF 830-930 SMJ 102 ENGELMANN,K  
TTh 830-930 SAV 317  
1972 AB 5 MWF 830-930 SMJ 102 ENGELMANN,K  
TTh 940-1040 PAR 206

GEOG 205 INTRO PHYS ENVIRON  
1973 AA 5 MWF 1050-1150 WFS 201 BECKERL  
TTh 940-1040 MEB 246  
OFFERED JOINTLY WITH ENV S 203 AA  
1974 AB 5 MWF 1050-1150 WFS 201 BECKERL  
TTh 1050-1150 DEN 307  
OFFERED JOINTLY WITH ENV S 203 AB

GEOG 207 ECONOMIC GEOGRAPHY  
1975 A 5 MW 110-310 SMJ 405 BROWNING,J

GEOG 277 GEOGRAPHY OF CITIES  
1976 A 5 MTWTh 1050-100 PAR 206

GEOG 326 INTRO GEOG RESEARCH  
1977 A 5 TWTh 1200-100 SMJ 405 ENGELMANN,K

GEOG 360 PRINCPLS CARTOGRAPHY  
1979 AA 5 MW 830-1000 SAV 311 ZASLAVSKYJ  
M 1050-1220 SAV 311  
1980 AB 5 MW 830-1000 SAV 311 ZASLAVSKYJ  
T 830-1000 MUS 212

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS

GEOG 447 GEOG AIR TRANSP  
1981 A 5 MTWTh 830-1040 ART 317 SORENSON  
TERM A  
MEETS WRITING COURSE REQUIREMENT

GEOG 448 GEOGR OF TRANSPORT  
1982 A 5 MTWTh 830-1040 SAV 249 HAYUTHY  
TERM B

GEOG 496 INTERNSHIP IN GEOG  
>1989 A 3/5 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
EC SMJ 303B

GEOG 499 SPECIAL STUDIES  
>1984 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. SMJ 303B

GEOG 600 INDEPENDNT STDY/RSCH  
>1985 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. SMJ 303B

GEOG 700 MASTERS THESIS  
>1986 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. SMJ 303B

GEOG 800 DOCTORAL DISSERTATN  
>1987 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. SMJ 303B

## GEOLOGICAL SCIENCES

GEO 101 INTRO TO GEOL SCI  
1988 AA 5 TTh 940-1110 GUG 306  
M 830-1130 JHN 161

GEO 306 EVOL OF THE EARTH  
1989 AA 5 MWF 1130-140 JHN 137 NESSITTE  
TTh 1130-140 JHN 137  
TERM A

GEO 308 GEOL OF NORTHWEST  
1990 AA 5 TTh 1050-100 JHN 064 SWANSON,T  
TO BE ARRANGED  
STUDENT HAS CHOICE OF ATTENDING LAB/  
FIELD TRIP ON EITHER WK DAYS OR  
WEEKENDS  
1991 AB 5 TTh 1050-100 JHN 064 SWANSON,T  
TO BE ARRANGED  
STUDENT HAS CHOICE OF ATTENDING LAB/  
FIELD TRIP ON EITHER WK DAYS OR  
WEEKENDS

GEO 312 NW VOLC AND GLAC  
1992 A 3 TTh 1050-1150 MOR 226 IRVING A

GEO 401 FIELD GEOLOGY  
>1993 A 10 TO BE ARRANGED  
INSTRUCTOR I.D. JHN 063  
OR CALL 543-1190  
6/19 - 7/31

GEO 498 UNDERGRAD THESIS  
>1994 A 5 TO BE ARRANGED  
INSTRUCTOR I.D. JHN 063  
OR CALL 543-1190

GEO 499 UNDERGRAD RESEARCH  
>1995 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. JHN 063  
OR CALL 543-1190

GEO 600 INDEPENDNT STDY/RSCH  
>1996 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. JHN 063  
OR CALL 543-1190

GEO 700 MASTERS THESIS  
>1997 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. JHN 063  
OR CALL 543-1190

GEO 800 DOCTORAL DISSERTATN  
>1998 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. JHN 063  
OR CALL 543-1190

## GEOPHYSICS

GPHYS 480 SPEC TOPICS GEOPHY  
>2016 A 2-6 MTWTh 900-1200 JHN 353 BROWN,J  
DE COSMOJ  
TERM A  
DROP CODE REQUIRED

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS

GPHYS 499 INDEPENDENT STUDY  
>2017 A 1-5 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
JUNIORS, SENIORS ONLY  
INSTRUCTOR I.D. ATG 202

GPHYS 600 INDEPENDNT STDY/RSCH  
>2018 A VAR TO BE ARRANGED  
DROP CODE REQUIRED  
GRADS ONLY  
MAJORS ONLY  
INSTRUCTOR I.D. ATG 202

GPHYS 700 MASTERS THESIS  
>2019 A VAR TO BE ARRANGED  
DROP CODE REQUIRED  
GRADS ONLY  
MAJORS ONLY  
INSTRUCTOR I.D. ATG 202

GPHYS 800 DOCTORAL DISSERTATN  
>2020 A VAR TO BE ARRANGED  
DROP CODE REQUIRED  
GRADS ONLY  
MAJORS ONLY  
INSTRUCTOR I.D. ATG 202

## GERMANICS

GERM 100 INTEN FIRST-YR GERM  
1999 A 15 MTWTh 830-1040 DEN 315 BANSLEBEN,M  
MTWTh 1200-100 DEN 315  
STUDENTS MUST REG FOR ALL OF THE  
15 CR  
2000 B 15 MTWTh 830-1040 DEN 306 AMMERLAHN,H  
MTWTh 1200-100 DEN 306 BARRACK,C  
STUDENTS MUST REG FOR ALL OF THE  
15 CR

GERM 101 FIRST-YEAR GERMAN  
2001 A 5 MTWTh 940-1040 DEN 317

GERM 103 FIRST-YEAR GERMAN  
2002 A 5 MTWTh 940-1040 DEN 305

GERM 121 FRST-YR READ GERMAN  
2003 A 5 MTWTh 830-1040 DEN 314  
TERM A  
CREDIT/NO CREDIT ONLY

GERM 122 FRST-YR READ GERMAN  
2004 A 5 MTWTh 830-1040 DEN 314  
TERM B  
CREDIT/NO CREDIT ONLY

GERM 200 INTENS 2ND YR GERM  
2005 A 15 MTWTh 830-1040 DEN 316  
MTWTh 1200-100 DEN 316  
STUDENTS MUST REG FOR ALL OF THE  
15 CR

GERM 230 CONVERSATNL GERMAN  
2006 A 5 MTWTh 1200-100 DEN 312

GERM 299 SUPERVISED STUDY  
2007 A 5 MTWTh 1050-1150 DEN 315  
GERMAN CULTURE

GERM 390 GERM STUDIES-ENGL  
2008 A 5 MTWTh 940-1150 DEN 310 CROSETTOJ  
TERM A  
EPIPHANY AND MADNESS IN THE  
GERMAN ROMANTIC TALE

GERM 444 THESIS IN GERMANICS  
>2009 A 5 TO BE ARRANGED

GERM 445 HON THESIS IN GERMAN  
>2010 A 5 TO BE ARRANGED  
H

GERM 495 PROSMNR IN GERM LIT  
2011 A 5 MTWTh 110-320 DEN 313 FRUTTLB  
TERM A  
PLUS P  
COMEDY AND THE COMIC

GERM 498 STUDIES GERMAN LANG  
2012 A 5 MTWTh 110-320 DEN 313 VOYLESJ  
TERM B  
LINGUISTICS AND LITERATURE  
PLUS P

GERM 600 INDEPENDNT STDY/RSCH  
>2013 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. DEN 340C

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

| DEPT<br>SLN<br>SPEC CODE  | COURSE<br>SECTION<br>CRD                    | TITLE<br>DAY<br>COMMENTS | TIME      | BLDG ROOM | INSTR       |
|---|---|--------------------------|-----------|-----------|-------------|
| <b>GERMANICS (cont.)</b>  |   |                          |           |           |             |
| GERM 700<br>>2014 A   | MASTERS THESIS<br>VAR TO BE ARRANGED        |                          |           |           |             |
| INSTRUCTOR LD. DEN 340C   |   |                          |           |           |             |
| GERM 800<br>>2015 A   | DOCTORAL DISSERTATION<br>VAR TO BE ARRANGED |                          |           |           |             |
| INSTRUCTOR LD. DEN 340C   |   |                          |           |           |             |
| <b>HISTORY</b>  |   |                          |           |           |             |
| <b>ANCIENT AND MEDIEVAL HISTORY</b>   |   |                          |           |           |             |
| HSTAM 201<br>2097 A   | ANCIENT HISTORY<br>5                        | MTWTF                    | 940-1040  | PAR 310   | WEBB,K      |
| HSTAM 380<br>2098 A   | MEDIEVAL CHRISTIANITY<br>5                  | MW                       | 940-1150  | SMJ 405   | ERY,J       |
| <b>HISTORY</b>  |   |                          |           |           |             |
| HST 112<br>2073 A   | THE MEDIEVAL WORLD<br>5                     | MTWTF                    | 940-1040  | SMJ 211   | STACEY,R    |
| HST 113<br>2074 A   | THE MODERN WORLD<br>5                       | MTWTF                    | 940-1040  | SAV 216   | BRIDGMAN,J  |
| HST 250<br>2075 A   | JEWIS IN WESTERN CIV<br>5                   | MTWTF                    | 830-1040  | SMJ 318   | KIEVAL,H    |
| TERM B<br>OFFERED JOINTLY WITH SISE 250 A   |   |                          |           |           |             |
| HST 261<br>2076 A   | SURV MUSLIM NR EAST<br>5                    | MTWTF                    | 940-1150  | LOW 111   | MENTZEL,P   |
| TERM A  |   |                          |           |           |             |
| HST 351<br>2077 A   | HST AFR TO 1800<br>5                        | MTWTF                    | 1050-100  | LOW 113   | DUMETT,R    |
| TERM A  |   |                          |           |           |             |
| HST 449<br>>2078 A  | COMP LABOR HST<br>5                         | MTWTF                    | 400-610   | ART 003   | BERGQUNST,C |
| TERM A<br>EC SMI 206A   |   |                          |           |           |             |
| HST 481<br>2079 A   | ECON HIST EUROPE<br>5                       | MWF                      | 1200-140  | DEN 211   | THOMAS,R    |
| OFFERED JOINTLY WITH ECON 460 A<br>MEETS WRITING COURSE REQUIREMENT                 |   |                          |           |           |             |
| HST 499<br>>2080 A  | COLLOQUIUM IN HIST<br>3-5 M                 |                          | 1200-210  | PAR 110   | STACEY,R    |
| MEETS WRITING COURSE REQUIREMENT<br>EC SMI 206A                                     |   |                          |           |           |             |
| >2081 B   | 3-5 T                                       |                          | 940-1150  | CMU 326   | FELAK,J     |
| MEETS WRITING COURSE REQUIREMENT<br>EC SMI 206A                                     |   |                          |           |           |             |
| >2082 C   | 3-5 MW                                      |                          | 110-320   | SG 231    | BROWN,K     |
| OFFERED JOINTLY WITH WOMEN 490 A<br>MEETS WRITING COURSE REQUIREMENT<br>EC SMI 206A |   |                          |           |           |             |
| HST 499<br>>2083 A  | UNDERGRAD RESEARCH<br>1-5                   | TO BE ARRANGED           |           |           |             |
| INSTRUCTOR LD. SMI 206A   |   |                          |           |           |             |
| HST 600<br>>2084 A  | INDEPENDNT STDY/RSCH<br>VAR TO BE ARRANGED  |                          |           |           |             |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. SMI 206C                                    |   |                          |           |           |             |
| HST 700<br>>2085 A  | MASTERS THESIS<br>VAR TO BE ARRANGED        |                          |           |           |             |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. SMI 206C                                    |   |                          |           |           |             |
| HST 800<br>>2086 A  | DOCTORAL DISSERTATION<br>VAR TO BE ARRANGED |                          |           |           |             |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. SMI 206C                                    |   |                          |           |           |             |
| <b>HISTORY OF ASIA</b>  |   |                          |           |           |             |
| HSTAS 403<br>2099 A   | MOD INDIA TO 1900<br>5                      | MTWTF                    | 1050-1150 | SAV 317   | CURLEY,D    |

| DEPT<br>SLN<br>SPEC CODE                   | COURSE<br>SECTION<br>CRD                  | TITLE<br>DAY<br>COMMENTS | TIME      | BLDG ROOM | INSTR        |
|--|---|--------------------------|-----------|-----------|--------------|
| HSTAS 454<br>2100 A                        | HIST MODRN CHINA<br>5                     | MTWTF                    | 1200-210  | SMJ 113   | THOMPSON,R   |
| TERM A                                     |   |                          |           |           |              |
| <b>HISTORY OF THE AMERICAS</b>             |   |                          |           |           |              |
| HSTAA 150<br>2087 A                        | AFRO-AMERICAN HIST<br>5                   | MTWTF                    | 1050-1150 | GUG 410   |              |
| TERM A<br>OFFERED JOINTLY WITH AFAM 150 A  |   |                          |           |           |              |
| HSTAA 181<br>2088 A                        | CHICNO HST SMC 1848<br>5                  | MTWTF                    | 940-1150  | LOW 201   | GL,C         |
| TERM B                                     |   |                          |           |           |              |
| HSTAA 201<br>2089 A                        | SURV HIST OF U S<br>5                     | TTh                      | 110-350   | SMJ 304   | FOYLER,W     |
| HSTAA 202<br>2090 A                        | MAKERS AM FOR POL<br>5                    | MTWTF                    | 830-930   | SMJ 304   | FOYLER,W     |
| HSTAA 373<br>2092 A                        | SOCL HST AMER WOMEN<br>5                  | MTWTF                    | 830-1040  | SMJ 318   | YEE,S        |
| TERM A<br>OFFERED JOINTLY WITH WOMEN 383 A |   |                          |           |           |              |
| HSTAA 384<br>2093 A                        | LATIN AMER RELATONS<br>5                  | MTWTF                    | 1050-1150 | PAR 310   | PETERSON,G   |
| HSTAA 411<br>2094 A                        | US-CIV WR & RECONSTR<br>5                 | MTWTF                    | 830-1040  | CMU 226   | MCKENZER     |
| TERM A                                     |   |                          |           |           |              |
| HSTAA 432<br>2095 A                        | HIST WASH & PAC N W<br>5                  | MTWTF                    | 1050-1150 | PAR 106   | LEWIS,R      |
| HSTAA 454<br>2096 A                        | INTELLECT HIST US<br>5                    | MTWTF                    | 1050-100  | DEN 212   | SAUHL        |
| TERM B                                     |   |                          |           |           |              |
| <b>MODERN EUROPEAN HISTORY</b>             |   |                          |           |           |              |
| HSTEU 415<br>2102 A                        | EUROPE 1939-1945<br>5                     | MTWTF                    | 1050-1150 | SMJ 211   | BRIDGMAN,J   |
| HSTEU 423<br>2103 A                        | FRANCE SINCE 1814<br>5                    | MTWTF                    | 830-930   | SMJ 309   | SCHOLZ,M     |
| HSTEU 440<br>2104 A                        | HISTORY COMMUNISM<br>5                    | MTWTF                    | 940-1150  | LOW 106   | RAMET,S      |
| TERM A<br>OFFERED JOINTLY WITH SIS 440 A   |   |                          |           |           |              |
| HSTEU 452<br>2105 A                        | E EUROPE SINCE 1918<br>5                  | MTWTF                    | 1200-210  | SMJ 105   | FELAK,J      |
| TERM A                                     |   |                          |           |           |              |
| HSTEU 454<br>2106 A                        | BALTIC HISTORY<br>5                       | MTWTF                    | 430-650   | SMJ 305   | WOODWORTH,B  |
| TERM B                                     |   |                          |           |           |              |
| <b>INSTITUTE FOR ENVIRONMENTAL STUDIES</b> |   |                          |           |           |              |
| ENV S 203<br>>1848 AA                      | PHYSICAL ENVIRONMENT<br>5                 | MWF                      | 1050-1150 | WFS 201   | ZUMBRUNNEN,C |
| TTh 940-1040 MEB 246                       |   |                          |           |           |              |
| OFFERED JOINTLY WITH GEOG 205 AA           |   |                          |           |           |              |
| >1849 AB                                   | 5   | MWF                      | 1050-1150 | WFS 201   | ZUMBRUNNEN,C |
| TTh 1050-1150 DEN 307                      |   |                          |           |           |              |
| OFFERED JOINTLY WITH GEOG 205 AB           |   |                          |           |           |              |
| ENV S 499<br>>1850 A                       | UNDERGRAD RESEARCH<br>VAR TO BE ARRANGED  |                          |           |           |              |
| INSTRUCTOR LD. EGA 201                     |   |                          |           |           |              |
| ENV S 599<br>>1851 A                       | SPEC TOPCS ENV STDY<br>VAR TO BE ARRANGED |                          |           |           |              |
| INSTRUCTOR LD. EGA 201                     |   |                          |           |           |              |

| DEPT<br>SLN<br>SPEC CODE  | COURSE<br>SECTION<br>CRD                   | TITLE<br>DAY<br>COMMENTS | TIME     | BLDG ROOM | INSTR       |
|---|--|--------------------------|----------|-----------|-------------|
| <b>INTERNATIONAL STUDIES</b>  |  |                          |          |           |             |
| <b>AFRICAN STUDIES</b>  |  |                          |          |           |             |
| SISAF 499<br>>3067 A  | UNDERGRAD RESEARCH<br>1-5                  | TO BE ARRANGED           |          |           |             |
| EC THO 111  |  |                          |          |           |             |
| <b>CANADIAN STUDIES PROGRAM</b>                                     |  |                          |          |           |             |
| STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR<br>MAY BE DROPPED. |  |                          |          |           |             |
| SISCA 495<br>3068 A   | MULTICLTR IN CANADA<br>5                   | MTWTF                    | 940-1150 | SMJ 313   | DJAOA       |
| TERM A  |  |                          |          |           |             |
| SISCA 499<br>>3069 A  | UNDERGRAD RESEARCH<br>1-5                  | TO BE ARRANGED           |          |           |             |
| EC THO 111  |  |                          |          |           |             |
| <b>COMPARATIVE RELIGION</b>   |  |                          |          |           |             |
| STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR<br>MAY BE DROPPED. |  |                          |          |           |             |
| RELIG 220<br>3020 A   | INTRO NEW TESTAMENT<br>5                   | MTWTF                    | 1200-210 | SAV 317   | WILLIAMS,M  |
| TERM A  |  |                          |          |           |             |
| RELIG 240<br>3021 A   | HEBREW BIBLE<br>5                          | MTWTF                    | 940-1150 | CMU 8006  | JAFFEEM     |
| TERM B<br>OFFERED JOINTLY WITH N E 240 A                            |  |                          |          |           |             |
| RELIG 324<br>3022 A   | EMERG CHRISTIANITY<br>5                    | MTWTF                    | 1200-210 | SMJ 115   | WILLIAMS,M  |
| TERM B  |  |                          |          |           |             |
| RELIG 499<br>>3023 A  | UNDERGRAD RESEARCH<br>1-5                  | TO BE ARRANGED           |          |           |             |
| EC THO 111  |  |                          |          |           |             |
| RELIG 600<br>>3024 A  | INDEPENDNT STDY/RSCH<br>VAR TO BE ARRANGED |                          |          |           |             |
| INSTRUCTOR LD. THO 111  |  |                          |          |           |             |
| <b>INTERNATIONAL STUDIES</b>  |  |                          |          |           |             |
| STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR<br>MAY BE DROPPED. |  |                          |          |           |             |
| SIS 201<br>3058 A   | INTRO INTL POL ECON<br>5                   | MTWTF                    | 940-1150 | SAV 335   | JONES,C     |
| TERM A  |  |                          |          |           |             |
| SIS 330<br>3059 A   | POL ECON OF DEVELOP<br>5                   | MTWTF                    | 940-1150 | CHL 105   | POZHANSKY   |
| TERM A  |  |                          |          |           |             |
| SIS 340<br>3060 A   | COMP & POST COMMUN<br>5                    | MTWTF                    | 1050-100 | SMJ 311   | RAMET,S     |
| TERM B  |  |                          |          |           |             |
| SIS 355<br>3061 A   | SOC CHANGE LAT AMER<br>5                   | MTWTF                    | 1050-100 | SMJ 318   | KIRST,M     |
| TERM A<br>OFFERED JOINTLY WITH SOC 355 A                            |  |                          |          |           |             |
| SIS 440<br>3062 A   | HISTORY COMMUNISM<br>5                     | MTWTF                    | 940-1150 | LOW 106   | RAMET,S     |
| TERM A<br>OFFERED JOINTLY WITH HSTEU 440 A                          |  |                          |          |           |             |
| SIS 450<br>3063 A   | WOMEN FAM 3RD WORLD<br>5                   | MTWTF                    | 940-1150 | SMJ 311   | NEUHOUSER,K |
| TERM A<br>OFFERED JOINTLY WITH SOC 450 A                            |  |                          |          |           |             |
| SIS 490<br>3064 B   | SPECIAL TOPICS<br>3                        | MTWTF                    | 830-930  |           | VEGA,G      |
| TERM B<br>COMPARATIVE LAW: EUROPE, LATIN<br>AMERICA, AND EAST ASIA  |  |                          |          |           |             |
| SIS 499<br>>3065 A  | UNDERGRAD RESEARCH<br>1-5                  | TO BE ARRANGED           |          |           |             |
| EC THO 111  |  |                          |          |           |             |
| SIS 600<br>>3066 A  | INDEPENDNT STDY/RSCH<br>1-9                | TO BE ARRANGED           |          |           |             |
| INSTRUCTOR LD. THO 111  |  |                          |          |           |             |

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**LATIN AMERICAN STUDIES**

SISLA 493 SENIOR THESIS  
> 3075 A 5 TO BE ARRANGED  
EC THO 111

SISLA 499 UNDERGRAD RESEARCH  
> 3076 A 1-5 TO BE ARRANGED  
EC THO 111

**MIDDLE EASTERN STUDIES**

SISME 600 INDEPENDENT STUDY  
> 3077 A VAR TO BE ARRANGED  
INSTRUCTOR LD. THO 111

SISME 700 MASTERS THESIS  
> 3078 A VAR TO BE ARRANGED  
INSTRUCTOR LD. THO 111

**RUSSIAN & EAST EUROPEAN STUDIES**

STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR  
MAY BE DROPPED.

SISRE 405 PEOPLES OF RUSSIA  
> 3079 A 5 MTWTF 830-1030 SM 313 JOLLES,C  
TERM B  
OFFERED JOINTLY WITH ANTH 405 A

SISRE 499 UNDERGRAD RESEARCH  
> 3080 A 1-5 TO BE ARRANGED  
EC THO 111

SISRE 600 INDEPENDENT STUDY/RSCH  
> 3081 A VAR TO BE ARRANGED  
INSTRUCTOR LD. THO 111

SISRE 700 MASTERS THESIS  
> 3082 A VAR TO BE ARRANGED  
INSTRUCTOR LD. THO 111

**SOUTH ASIAN STUDIES**

SISSA 499 UNDERGRAD RESEARCH  
> 3083 A 1-5 TO BE ARRANGED  
EC THO 111

SISSA 600 INDEPENDENT STUDY/RSCH  
> 3084 A VAR TO BE ARRANGED  
INSTRUCTOR LD. THO 111

SISSA 700 MASTERS THESIS  
> 3085 A VAR TO BE ARRANGED  
INSTRUCTOR LD. THO 111

**EAST ASIAN STUDIES**

SISEA 499 UNDERGRAD RESEARCH  
> 3070 A 1-5 TO BE ARRANGED  
EC THO 111

SISEA 600 INDEPENDENT STUDY/RSCH  
> 3071 A VAR TO BE ARRANGED  
INSTRUCTORS LD. THO 111

SISEA 700 MASTERS THESIS  
> 3072 A VAR TO BE ARRANGED  
INSTRUCTORS LD. THO 111

**JEWISH STUDIES**

STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR  
MAY BE DROPPED.

SISJE 250 JEWS IN WESTERN CIV  
3073 A 5 MTWTF 830-1040 SM 318 KEVAL,H  
TERM B  
OFFERED JOINTLY WITH HST 250 A

SISJE 499 UNDERGRAD RESEARCH  
> 3074 A 1-5 TO BE ARRANGED  
EC THO 111

DEPT COURSE TITLE  
SLN SECTION CRD DAY TIME BLDG ROOM INSTR  
SPEC CODE COMMENTS

**SOUTHEAST ASIAN STUDIES**

STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR  
MAY BE DROPPED.

SISSE 499 UNDERGRAD RESEARCH  
> 3090 A 1-5 TO BE ARRANGED  
EC THO 111

**LINGUISTICS**

LING 200 INTR TO LINGUISTICS  
2297 A 5 MTWTF 940-1130 MEB 134  
TERM A  
PREDOC LECTURER

LING 203 INTRO TO ANTH LING  
2258 A 5 MTWTF 940-1040 SM 304 SEABURG,W  
OFFERED JOINTLY WITH ANTH 203 A

LING 400 SUR LING MTHD & THY  
2259 A 4 MWF 830-1040 MEB 235  
TERM A

LING 449 SECOND-LAND LING  
2260 A 3 MWF 220-320 LOW 111 COACHMAN,M

LING 451 PHONOLOGY I  
2261 A 4 TH 110-430 CMU 226 HARGUSS  
TERM B  
OFFERED JOINTLY WITH ANTH 451 A

LING 461 SYNTAX I  
2262 A 4 MTWTF 1200-130 DEN 209  
TERM A  
OFFERED JOINTLY WITH ANTH 461 A

LING 462 SYNTAX II  
2263 A 4 MTWTF 1200-130 SM 105  
TERM B  
OFFERED JOINTLY WITH ANTH 462 A

LING 499 UNDERGRAD RESEARCH  
> 2264 A 1-5 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. PDL A210

LING 600 INDEPENDENT STUDY/RSCH  
> 2265 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. PDL A210

LING 700 MASTERS THESIS  
> 2266 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. PDL A210

LING 800 DOCTORAL DISSERTATN  
> 2267 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. PDL A210

**MATHEMATICS**

STUDENTS PLANNING TO TAKE ANY OF THE CLASSES  
MATH 111, 120, OR 124 MUST SATISFY MINIMUM PLACE-  
MENT REQUIREMENTS. THE CURRENT REQUIREMENTS ARE  
DESCRIBED IN THE SHEET "PLACEMENT REQUIREMENTS FOR  
MATH 107,111,120 & 124" AVAILABLE AT UNDERGRADUATE  
ADVISING CENTER CMU 009 & MATH ADVISING PDL C-36.

MATH 111 ALGEBRA WITH APPL  
2295 A 5 MTWTF 830-930 SG 227  
2296 B 5 MTWTF 940-1040 MOR 230  
2297 C 5 MTWTF 1050-1150 SG 231  
2298 D 5 MTWTF 1200-100 SG 226

MATH 112 BUSINESS ECON CALC  
2299 A 5 MTWTF 940-1040 BNS 203  
2300 B 5 MTWTF 1050-1150 MOR 230  
2301 U 5 MWTh 700-845P SG 226

STUDENTS MUST SATISFY MINIMUM PLACEMENT REQUIRE-  
MENTS. SEE NOTE AT THE BEGINNING OF MATHEMATICS  
LISTINGS.

MATH 120 PRECALCULUS  
2302 A 5 MTWTF 830-930 SG 228  
2303 B 5 MTWTF 940-1040 MEB 249  
2304 U 5 MWTh 700-845P SG 231

STUDENTS MUST SATISFY MINIMUM PLACEMENT REQUIRE-  
MENTS. SEE NOTE AT THE BEGINNING OF MATHEMATICS  
LISTINGS.

DEPT COURSE TITLE  
SLN SECTION CRD DAY TIME BLDG ROOM INSTR  
SPEC CODE COMMENTS

MATH 124 CALC ANALYT GEOM I  
2305 A 5 MTWTF 830-930 SG 229  
2306 B 5 MTWTF 940-1040 MEB 243  
2307 C 5 MTWTF 1050-1150 PHY 321  
2308 U 5 MWTh 700-845P SG 229

MATH 125 CALC ANALYT GEOM II  
2309 A 5 MTWTF 830-930 MOR 225  
2310 B 5 MTWTF 940-1040 JHN 064  
2311 C 5 MTWTF 1050-1150 BNS 203  
2312 U 5 MWTh 700-845P SG 228

MATH 126 CALC ANYL GEOM III  
2313 A 5 MTWTF 830-930 MOR 230  
2314 B 5 MTWTF 940-1040 GUG 410  
2315 C 5 MTWTF 1050-1150 MEB 246  
2316 U 5 MWTh 700-845P SG 227

MATH 170 MATH ELEM SCH TEACH  
2317 A 3 TH 1050-1150 MOR 234  
CREDIT/NO CREDIT ONLY

MATH 205 ELEM LINEAR ALGEBRA  
2318 A 3 MWF 940-1040 SG 228

MATH 301 ELEM NUMBER THEORY  
2319 A 3 MWF 1200-100 SG 229

MATH 307 INTRO TO DIFF EQ  
2320 A 3 MWF 830-930 PHY 152  
2321 B 3 MWF 1200-100 SG 231  
2322 C 3 MWF 1050-1150 SG 229  
2323 U 3 TH 630-750P SG 325

MATH 309 LINEAR ALGEBRA  
2324 A 3 MWF 830-930 SAV 317  
2325 B 3 MWF 940-1040 MEB 246  
2326 C 3 MWF 1050-1150 PHY 152

MATH 309 LINEAR ANALYSIS  
2327 A 3 MWF 940-1040 SG 227

MATH 324 ADV CALCULUS I  
2328 A 3 MWF 940-1040 MEB 248  
2329 B 3 MWF 1050-1150 SM 102

MATH 325 ADV CALCULUS II  
2330 A 3 MWF 1050-1150 JHN 101

MATH 390 PROB STAT ENG SCI  
2331 AA 4 MTWTh 1050-1150 MEB 103  
Th 1200-100 LOW 217  
OFFERED JOINTLY WITH STAT 390 AA  
2332 AB 4 MTWTh 1050-1150 MEB 103  
Th 110-210 LOW 113  
OFFERED JOINTLY WITH STAT 390 AB

MATH 394 PROBABILITY I  
2333 A 3 MWF 830-1040 SM 205  
TERM A  
OFFERED JOINTLY WITH STAT 394 A  
2334 B 3 MWF 1050-100 SAV 245  
TERM A  
OFFERED JOINTLY WITH STAT 394 B

MATH 395 PROBABILITY II  
2335 A 3 MWF 830-1040 SM 105  
TERM B  
OFFERED JOINTLY WITH STAT 395 A  
2336 B 3 MWF 1050-100 EEB 222  
TERM B  
OFFERED JOINTLY WITH STAT 395 B

MATH 402 INTRO MDRN ALGEBRA  
2337 A 3 MWF 830-1040 LOW 113  
TERM A

MATH 403 INTRO MDRN ALGEBRA  
2338 A 3 MWF 830-1040 MOR 234  
TERM B

MATH 407 LINEAR OPTIMIZATION  
2339 A 3 MWF 1050-1150 DEN 305

MATH 411 INTRO MDRN ALG-TCHR  
2340 A 3 MWF 830-1040 SG 323  
TERM A

MATH 412 INTRO MDRN ALG-TCHR  
2341 A 3 MWF 830-1040 GUG 317  
TERM B

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| DEPT SLN SPEC CODE                   | COURSE SECTION CRD   | TITLE DAY COMMENTS | TIME | BLDG ROOM      | INSTR          | DEPT SLN SPEC CODE | COURSE SECTION CRD | TITLE DAY COMMENTS | TIME | BLDG ROOM | INSTR | DEPT SLN SPEC CODE | COURSE SECTION CRD | TITLE DAY COMMENTS | TIME | BLDG ROOM | INSTR |  |
|--------------------------------------|--|--------------------|------|----------------|----------------|--------------------|--------------------|--------------------|------|-----------|-------|--------------------|--------------------|--------------------|------|-----------|-------|--|
| <b>MATHEMATICS (cont.)</b>           |  |                    |      |                |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 420                             | HISTORY OF MATH  | 2342 A             | 3    | TTh            | 830-1000       | PAR                | 212                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 427                             | TPCS IN APPL ANLYS   | 2343 A             | 3    | MWF            | 1200-100       | PHY                | 154                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 428                             | TOPS IN APPL ANLYS   | 2344 A             | 3    | MWF            | 1050-100       | SG                 | 228                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 429                             | TOPS IN APPL ANLYS   | 2345 A             | 3    | MWF            | 1050-100       | SG                 | 228                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 444                             | FOUNDATIONS OF GEOM  | 2346 A             | 3    | MWF            | 1050-1150      | EEB                | 327                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 445                             | FOUNDATIONS OF GEOM  | 2347 A             | 3    | MWF            | 1200-100       | MOR                | 225                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 487                             | MATH COMPUTER LAB  | 2348 ZA            | 1    | M              | 110-210        | THO                | 003                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 487                             | MATH COMPUTER LAB  | 2349 ZB            | 1    | W              | 110-210        | THO                | 003                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 496                             | H-HONORS SEMINAR   | >2350 A            |      | VAR            | TO BE ARRANGED |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 497                             | SPC TPCS MATH TCHRS  | 2351 A             | 2-9  | MTWTF          | 220-320        | MLR                | 316                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 498                             | SPEC TOPICS IN MATH  | >2352 A            | 1-5  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 498                             | SPEC TOPICS IN MATH  | >2353 B            | 5    | MTWTF          | 940-1150       | POL                | C401               |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 510                             | SEMINAR IN ALGEBRA   | 2354 A             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 530                             | SEMINAR IN ANALYSIS  | 2355 A             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 530                             | SEMINAR IN ANALYSIS  | >2356 B            | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 530                             | SEMINAR IN ANALYSIS  | 2357 C             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 530                             | SEMINAR IN ANALYSIS  | 2358 D             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 550                             | SEMINAR IN GEOM  | 2359 A             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 570                             | SEMINAR IN TOPOLOGY  | 2362 A             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 590                             | SMNR PROBABILITY   | 2363 A             | 2    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 600                             | INDEPNNT STDY/RSCH   | >2364 A            | 1-9  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 600                             | INDEPNNT STDY/RSCH   | >2365 B            | 1-9  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 600                             | INDEPNNT STDY/RSCH   | >2366 C            | 1-9  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 600                             | INDEPNNT STDY/RSCH   | >2367 D            | 3    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MATH 600                             | INDEPNNT STDY/RSCH   | >2368 E            | 3    | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 599                            | ADV SELECTED TOPICS  | >2509 A            |      | VAR            | 830-1000       | MUS                | 027                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 2510                           | CONTEMPORARY ISSUES IN MUSIC EDUCATION   | 2510 B             | 3    | MWF            | 1015-1230      | MUS                | 027                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 2511                           | APPLIED RESEARCH IN MUSIC EDUCATION  | 2511 C             | 3    | TTh            | 1000-100       | MUS                | 012                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 2512                           | COMPUTER MUSIC PREREQUISITE: MUSIC 403 OR PERMISSION OF INSTRUCTOR                   | 2512 D             | 3    | MTWTh          | 830-1000       | MUS                | 313                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 2513                           | CONTEMPORARY ISSUES IN MUSIC EDUCATION   | 2513 E             | 1-3  | WF             | 830-1000       | MUS                | 027                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 2514                           | MUSIC AND MEDICINE   | 2514 F             | 3    | MTWTh          | 830-1000       | MUS                | 313                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 2515                           | REAL-TIME COMPUTER MUSIC SYSTEMS PREREQUISITE: MUSIC 395 OR PERMISSION OF INSTRUCTOR | 2515 G             | 3    | TTh            | 1000-100       | MUS                | 012                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 600                            | INDEPNNT STDY/RSCH   | >2517 A            |      | VAR            | TO BE ARRANGED |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 700                            | MASTERS THESIS   | >2518 A            |      | VAR            | TO BE ARRANGED |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSIC 800                            | DOCTORAL DISSERTATION  | >2519 A            |      | VAR            | TO BE ARRANGED |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| <b>MUSIC APPLIED</b>                 |  |                    |      |                |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| ENTRY CODES ARE AVAILABLE IN MUS 116 |  |                    |      |                |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 220                            | MIDI SYSTEMS TECH  | >2424 A            | 2    | MTWTh          | 100-320        | MUS                | 021                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 2425                           | MIDI SYSTEMS TECH  | >2425 B            | 2    | MTWTh          | 100-320        | MUS                | 021                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 221                            | SECONDARY MIDI TECH  | >2426 A            | 2    | MTWTh          | 330-600        | MUS                | 021                |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 300                            | VOICE  | >2427 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 304                            | VIOLIN-VIOLA   | >2428 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 309                            | CLARINET   | >2429 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 312                            | HORN   | >2430 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 313                            | TRUMPET  | >2431 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 320                            | VOICE  | >2432 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 321                            | PIANO  | >2433 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 324                            | VIOLIN-VIOLA   | >2434 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 329                            | CLARINET   | >2435 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |
| MUSAP 332                            | HORN   | >2436 A            | 2-3  | TO BE ARRANGED |                |                    |                    |                    |      |           |       |                    |                    |                    |      |           |       |  |





# University of Washington

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

## NEAR EASTERN LANGUAGES & CIVILIZATION (cont.)

N E 490 SUPERVISED STUDY  
> 2521 A 1-6 TO BE ARRANGED  
INSTRUCTOR LD. DEN 229

N E 496 SPECIAL STUDIES  
2522 A 3 T 110-240 DEN 212 CRTAUTASJ  
OFFERED JOINTLY WITH N E 596 A  
"REWRITING CENTRAL ASIAN HISTORY"

N E 596 SPECIAL STUDIES  
2523 A 3 T 110-240 DEN 212 CRTAUTASJ  
OFFERED JOINTLY WITH N E 496 A  
GRADS ONLY  
"REWRITING CENTRAL ASIAN HISTORY"  
GRADS ONLY

N E 600 INDEPENDNT STDY/RSCH  
> 2524 A 1-9 TO BE ARRANGED  
GRADS ONLY  
NO FRESHMEN,SOPHOMRS,JUNORS,SENIORS  
INSTRUCTOR LD. DEN 229B

## PERSIAN

PRSAN 470 INTENS ELEM TAJIK  
2875 A 15 MTWTF 830-1150 MEB 245 HERZENBERG,L

## TURKIC

TKIC 316 INTENSIVE ELEM UZBEK  
3287 A 15 MTWTF 830-1150 PAR 305 ZAKR,H  
AKHMEDOV,M  
OFFERED JOINTLY WITH TKIC 478 A

TKIC 317 INTENS ELEM KAZAKH  
3288 A 15 MTWTF 830-1150 PAR 306 CRTAUTASJ  
IBRAHIM,A  
OFFERED JOINTLY WITH TKIC 477 A

TKIC 426 INTENS INTERM UZBEK  
3289 A 15 MTWTF 830-1150 PAR 322 MAXKAMOVA,S  
FAZLOV,E  
PREREQ: TKIC 303 OR TKIC 316  
OR EQUIV

TKIC 427 INTEN INTERM KAZAKH  
3290 A 15 MTWTF 830-1150 DEN 312  
PREREQ: TKIC 317 OR TKIC 306  
OR EQUIV

TKIC 477 INTENS KAZAKH MORPH  
3291 A 15 MTWTF 830-1150 PAR 306 CRTAUTASJ  
IBRAHIM,A  
OFFERED JOINTLY WITH TKIC 317 A  
GRADS ONLY

TKIC 478 INTENS UZBEK MORPH  
3292 A 15 MTWTF 830-1150 PAR 305 AKHMEDOV,M  
ZAKR,H  
OFFERED JOINTLY WITH TKIC 316 A  
GRADS ONLY

TKIC 479 INTENS ELEM KIRGHIZ  
3293 A 15 MTWTF 830-1150 PAR 110 CRTAUTASJ  
JAMASHEVA,G

## PHILOSOPHY

NO OVERLOADS IN ANY PHILOSOPHY COURSES

PHIL 100 INTRO TO PHILOSOPHY  
2739 A 5 MTWTF 1050-1150 PAR 108 RAUHUT,N

PHIL 102 CONTEMP MORAL PROBS  
2734 A 5 MTWTF 1050-1150 SAV 216 LATOURELL,J

PHIL 114 PHIL ISSUES IN LAW  
2735 A 5 MTWTF 940-1040 SMJ 120 OLJAR,E

PHIL 115 PRACTICAL REASONING  
2736 A 5 MTWTF 830-930 PAR 108 GUNFOY,K  
2737 U 5 MW 630-900P SAV 216 SAXENAM,J

PHIL 120 INTRO TO LOGIC  
2738 A 5 MTWTF 830-930 SMJ 211 SMITH,D  
2739 U 5 TTh 630-900P SAV 216 BOBERO,

PHIL 160 HIST INTRO PHIL SCI  
2740 A 5 MTWTF 940-1040 PAR 106 FOGDALL,S

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
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PHIL 340 INTRO TO ETHICS  
2741 A 5 MTWTF 940-1150 LOW 101 TALBOTT,W  
TERM A

PHIL 267 INTRO PHIL OF RELIG  
2742 A 5 MTWTF 1200-100 PAR 108 JEFFERY,A

PHIL 347 PHIL IN LITERATURE  
2743 A 5 MTWTF 940-1150 CMU 232 KISHALAN,I

PHIL 350 INTRO EPISTEMOLOGY  
2744 A 4 MTWTF 1050-1150 DEN 306 BROKESA

PHIL 363 INTRO PHIL MIXD  
2745 A 5 MTWTF 1200-100 PAR 310 BITTNER,T

PHIL 440 ETHICS  
2746 A 3 TTh 220-430 PAR 313 RICHMAN

PHIL 445 PHILOSOPHY OF ART  
2747 A 5 MTWTF 940-1150 DEN 304 MOORE,P

PHIL 484 READING IN PHILOS  
2748 A 1-5 TO BE ARRANGED

PHIL 584 READING IN PHILOS  
2749 A 1-4 TO BE ARRANGED

PHIL 600 INDEPENDNT STDY/RSCH  
> 2750 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

PHIL 700 MASTERS THEIS  
> 2751 A 1-9 TO BE ARRANGED

PHIL 600 DOCTORAL DISSERTATN  
> 2752 A VAR TO BE ARRANGED

## PHYSICS

PHYS 110 LIBERAL ARTS PHYS  
2760 A 5 MTWTF 940-1040 PHY 314

PHYS 114 GENERAL PHYSICS  
2761 A 4 MTWTh 830-930 PHY 334

PHYS 115 GENERAL PHYSICS  
2762 A 4 MTWTh 940-1040 PHY 334

PHYS 116 GENERAL PHYSICS  
2763 A 4 MTWTh 1050-1150 PHY 334

PHYS 117 GENERAL PHYSICS LAB  
2764 ZA 1 T 110-430 PHY 413  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2765 ZB 1 Th 110-430 PHY 303  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2766 ZC 1 Th 110-430 PHY 413  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2767 ZD 1 F 940-1240 PHY 303  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2768 ZE 1 F 110-430 PHY 303  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

2769 ZF 1 W 220-540 PHY 303  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

PHYS 118 GENERAL PHYSICS LAB  
2770 ZA 1 T 110-430 PHY 307  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2771 ZB 1 W 1050-210 PHY 307  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2772 ZC 1 W 220-540 PHY 307  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2773 ZD 1 Th 110-430 PHY 307  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
DROP CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

PHYS 119 GENERAL PHYSICS LAB  
2774 ZA 1 F 940-1240 PHY 409  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2775 ZB 1 F 110-430 PHY 409  
CREDIT/NO CREDIT ONLY  
ADD CODE REQUIRED (PD.3)  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST LAB  
ATTENDANCE REQUIRED AT 1ST LB OR  
STUDENT WILL BE DROPPED

2776 ZC 1 Th 110-430 PHY 409  
CREDIT/NO CREDIT ONLY

PHYS 121 MECHANICS  
2777 AA 4 MWTh 940-1040 PHY 320  
T 830-930 PHY 154  
ADD CODE REQUIRED (PD.3)  
CONCUR REG PHYS 131 REQ'D  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST TUTORIAL  
SESSION; ATTENDANCE REQ AT 1ST  
TUTORIAL OR STDNT WILL BE DROPPED  
FOR NON-ATTENDANCE. CONCUR REGS  
IN A 131 LAB SECTION REQ

2778 AB 4 MWTh 940-1040 PHY 320  
T 940-1040 PHY 154  
ADD CODE REQUIRED (PD.3)  
CONCUR REG PHYS 131 REQ'D  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST TUTORIAL  
SESSION. ATTENDANCE REQ AT 1ST  
TUTORIAL OR STDNT WILL BE DROPPED  
FOR NON-ATTENDANCE  
CONCUR REG IN A 131 LB SECTION REQ

2779 AC 4 MWTh 940-1040 PHY 320  
T 1050-1150 PHY 154  
ADD CODE REQUIRED (PD.3)  
CONCUR REG PHYS 131 REQ'D  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST TUTORIAL  
SESSION. ATTENDANCE REQ AT 1ST  
TUTORIAL OR STDNT WILL BE DROPPED  
FOR NON-ATTENDANCE  
CONCUR REG IN A 131 LB SECTION REQ

2780 AD 4 MWTh 940-1040 PHY 320  
W 940-1040 PHY 321  
ADD CODE REQUIRED (PD.3)  
CONCUR REG PHYS 131 REQ'D  
EC REQUIRED BEGINNING JUNE 20  
OBTAIN EC FROM TA AT 1ST TUTORIAL  
SESSION. ATTENDANCE REQ AT 1ST  
TUTORIAL OR STDNT WILL BE DROPPED  
FOR NON-ATTENDANCE  
CONCUR REG IN A 131 LB SECTION REQ

# Summer Quarter Time Schedule

| DEPT SLN SPEC CODE  | COURSE SECTION CRD | TITLE DAY TIME COMMENTS       | BLDG ROOM INSTR    | DEPT SLN SPEC CODE   | COURSE SECTION CRD | TITLE DAY TIME COMMENTS | BLDG ROOM INSTR | DEPT SLN SPEC CODE | COURSE SECTION CRD   | TITLE DAY TIME COMMENTS                                 | BLDG ROOM INSTR |  |
|---|--------------------|-------------------------------|--------------------|--|--------------------|-------------------------|-----------------|--------------------|----------------------|---|-----------------|--|
| <b>PHYSICS (cont.)</b>  |                    |                               |                    | 2791   | ZC 1               | W 1050-210              | PHY 303         | 2806               | B VAR                | TO BE ARRANGED  |                 |  |
| 2781  | AE 4               | MWTh 940-1040<br>T 110-210    | PHY 320<br>PHY 154 | <b>PHYSICS (cont.)</b><br>ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ |                    |                         |                 | H                  | EC                   | PHYS 215  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 131 LB SECTION REQ |                    |                               |                    | 2792   | ZD 1               | W 110-430               | PHY 413         | PHYS 405           | PHYS SCI FOR TEACHS  | 5   | TO BE ARRANGED  |  |
| PHYS 122  | ELMAG & OSCIL MOTN |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ                           |                    |                         |                 | PHYS 406           | PHYS SCI FOR TEACHS  | 5   | TO BE ARRANGED  |  |
| 2782  | AA 4               | MWTh 830-930<br>W 830-930     | PHY 320<br>PHY 154 | 2793   | ZE 1               | F 940-100               | PHY 413         | > 2807             | A 5                  | TO BE ARRANGED  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 132 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 132 LB SECTION REQ |                    |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ                           |                    |                         |                 | PHYS 407           | PHYSICS FOR TEACHRS  | 5   | TO BE ARRANGED  |  |
| 2783  | AB 4               | MWTh 830-930<br>W 940-1040    | PHY 320<br>PHY 154 | PHYS 132   | EXPTL PHYSICS      |                         |                 | > 2808             | A 5                  | TO BE ARRANGED  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 132 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 132 LB SECTION REQ |                    |                               |                    | 2794   | ZA 1               | T 110-430               | PHY 305         | PHYS 408           | PHYSICS FOR TEACHRS  | 5   | TO BE ARRANGED  |  |
| 2784  | AC 4               | MWTh 830-930<br>W 110-210     | PHY 320<br>PHY 154 | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 122 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 122 LC SECTION REQ   |                    |                         |                 | > 2809             | A 5                  | TO BE ARRANGED  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 132 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 132 LB SECTION REQ |                    |                               |                    | 2795   | ZB 1               | W 1050-210              | PHY 305         | PHYS 409           | PHYSICS FOR TEACHRS  | 5   | TO BE ARRANGED  |  |
| PHYS 123  | WAVES              |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 122 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 122 LC SECTION REQ   |                    |                         |                 | PHYS 409           | PHYSICS FOR TEACHRS  | 5   | TO BE ARRANGED  |  |
| 2785  | AA 4               | MTTh 1050-1150<br>T 1050-1150 | PHY 320<br>PHY 152 | 2796   | ZC 1               | W 220-540               | PHY 305         | > 2810             | A 5                  | TO BE ARRANGED  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 133 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 133 LB SECTION REQ |                    |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 122 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 122 LC SECTION REQ   |                    |                         |                 | PHYS 410           | SCI IN SERVICE TCHRS | 1-2   | TO BE ARRANGED  |  |
| 2786  | AD 4               | MTTh 1050-1150<br>T 1200-100  | PHY 320<br>PHY 152 | PHYS 133   | EXPTL PHYSICS      |                         |                 | > 2811             | A 5                  | TO BE ARRANGED  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 133 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 133 LB SECTION REQ |                    |                               |                    | 2797   | ZA 1               | T 940-1240              | PHY 409         | PHYS 410           | SCI IN SERVICE TCHRS | 1-2   | TO BE ARRANGED  |  |
| 2787  | AC 4               | MTTh 1050-1150<br>W 1200-100  | PHY 320<br>PHY 152 | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | > 2812             | A 5                  | CREDIT/NO CREDIT ONLY<br>CALL 685-2046 FOR INFO         |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 133 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 133 LB SECTION REQ |                    |                               |                    | 2798   | ZB 1               | T 110-430               | PHY 409         | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| 2788  | AD 4               | MTTh 1050-1150<br>W 110-410   | PHY 320<br>PHY 152 | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | > 2813             | A 3                  | TO BE ARRANGED  |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 133 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST TUTORIAL OR STUNT WILL BE DROPPED FOR NON-ATTENDANCE<br>CONCURR REG IN A 133 LB SECTION REQ |                    |                               |                    | 2799   | ZC 1               | W 1200-320              | PHY 409         | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| PHYS 131  | EXPTL PHYSICS      |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| 2789  | ZA 1               | T 940-1240                    | PHY 303            | 2800   | ZD 1               | Th 110-430              | PHY 409         | > 2814             | A 3                  | MWTh 330-430  | PHY 419         |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ                          |                    |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 600           | INDEPNONT STDY/RSCH  | VAR   | TO BE ARRANGED  |  |
| 2790  | ZB 1               | T 110-430                     | PHY 303            | 2801   | ZE 1               | W 330-650               | PHY 409         | > 2815             | A 5                  | CREDIT/NO CREDIT ONLY<br>OBTAIN FACULTY CODE FROM INSTR |                 |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ                          |                    |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 800           | DOCTORAL DISSERTATN  | VAR   | TO BE ARRANGED  |  |
| PHYS 224  | THERMAL PHYSICS    |                               |                    | 2802   | A 3                | MTTh 830-930            | PHY 314         | > 2816             | A 5                  | CREDIT/NO CREDIT ONLY<br>OBTAIN FACULTY CODE FROM INSTR |                 |  |
| 2802  | A 3                | MTTh 830-930                  | PHY 314            | PHYS 225   | MODERN PHYSICS     |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ                          |                    |                               |                    | 2803   | A 3                | MTTh 1050-1150          | PHY 314         | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| PHYS 227  | ELEM MATH PHYS     |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| 2804  | A 3                | MTTh 940-1040                 | PHY 321            | 2804   | A 3                | MTTh 940-1040           | PHY 321         | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 121 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION. ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 121 LC SECTION REQ                          |                    |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| PHYS 401  | SPECIAL PROBLEMS   |                               |                    | PHYS 401   | SPECIAL PROBLEMS   |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| > 2805  | A VAR              | TO BE ARRANGED                |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |
| CALL 543-2772 FOR DETAILS OR COME TO PHYS 215   |                    |                               |                    | ADD CODE REQUIRED (PD.3)<br>CONCURR REG PHYS 123 REQ'D<br>EC REQUIRED BEGINNING JUNE 20<br>OBTAIN EC FROM TA AT 1ST LAB ATTENDANCE REQ AT 1ST LB OR STUNT WILL BE DROPPED<br>CONCURR REG IN A 123 LC SECTION REQ   |                    |                         |                 | PHYS 427           | APPL OF PHYSICS      | 3   | TO BE ARRANGED  |  |

## POLITICAL SCIENCE

ENTRY CODES FOR UGRADS AVAILABLE IN GWN 115 & 107.  
 ENTRY CODES FOR GRADS AVAILABLE IN GWN 111.  
 POL S CHANGE OF REGISTRATION PROCEDURE DURING ENROLLMENT PERIOD BE STUDENTS ADDING UGRAD POL S COURSES SHOULD OBTAIN ENTRY CODES FROM FACULTY/TA'S. SUPERVISED STUDY OR INTERNSHIP COURSE ENTRY CODES AVAILABLE IN GWN 115 & 107.

|           |                     |   |     |        |           |         |              |
|-----------|---------------------|---|-----|--------|-----------|---------|--------------|
| POL S 101 | INTRO TO POLITICS   | 2827  | A 5 | MTWThF | 110-210   | SMI 307 | GOLDBERG,E   |
| POL S 201 | INTRO POL THEORY    | 2828  | A 5 | MTWThF | 1050-1150 | EEB 318 | MUKLA        |
| POL S 202 | INTRO TO AMER POL   | 2829  | A 5 | MTWThF | 830-1040  | CHL 019 | WILKERSON,J  |
|           |                     | TERM A  |     |        |           |         |              |
| POL S 203 | INTRO INTERNATL REL | 2830  | A 5 | MTWThF | 940-1040  | LOW 102 | RUCKLS       |
| POL S 204 | INTRO TO COMPAR POL | 2831  | A 5 | MTWThF | 1200-100  | SAV 216 | HANSON,S     |
| POL S 210 | ETHNIC MINORITIES   | 3433  | A 5 | MTWThF | 110-320   | SMI 309 | SIMPSON,A    |
|           |                     | TERM A  |     |        |           |         |              |
| POL S 270 | INTRO TO POL ECON   | 2832  | A 5 | MTWThF | 1200-100  | SMI 307 | SNOW,S       |
| POL S 303 | AM PUBLIC POLICY    | 2833  | A 5 | MTWThF | 830-930   | CMU 120 | BIRKLAND,T   |
|           |                     | MEETS WRITING COURSE REQUIREMENT<br>NO FRESHMEN                                     |     |        |           |         |              |
| POL S 305 | POL & COMMUNICATION | 2834  | A 5 | MTWThF | 1200-100  | SMI 211 | LAWRENCE,R   |
|           |                     | NO FRESHMEN   |     |        |           |         |              |
| POL S 313 | WOMEN IN POLITICS   | 2835  | A 5 | Th     | 1050-100  | SAV 311 | DI STEFANO,C |
|           |                     | OFFERED JOINTLY WITH WOMEN 313 A<br>MEETS WRITING COURSE REQUIREMENT<br>NO FRESHMEN |     |        |           |         |              |



# Summer Quarter Time Schedule

| DEPT SLN                  | COURSE SECTION   | CRD | TITLE DAY      | TIME | BLDG ROOM | INSTR       |
|---------------------------|--|-----|----------------|------|-----------|-------------|
| <b>PSYCHOLOGY (cont.)</b> |  |     |                |      |           |             |
| PSYCH                     | 498 READINGS IN PSYCH  |     |                |      |           |             |
| > 2943                    | A 1-3  |     | TO BE ARRANGED |      |           |             |
|                           | EC 6TH 119A  |     |                |      |           |             |
| > 2944                    | B 1-3  |     | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY  |     |                |      |           |             |
|                           | EC 6TH 119A  |     |                |      |           |             |
| PSYCH                     | 499 UNDERGRAD RESEARCH   |     |                |      |           |             |
| > 2945                    | A 1-3  |     | TO BE ARRANGED |      |           |             |
|                           | EC 6TH 119A  |     |                |      |           |             |
| > 2946                    | B 1-3  |     | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY  |     |                |      |           |             |
|                           | EC 6TH 119A  |     |                |      |           |             |
| PSYCH                     | 560 SEMINAR  |     |                |      |           |             |
| 2947                      | A 3  | M   | 110-410        |      | MEB 242   | GONZALEZ    |
|                           | GRADS ONLY<br>ANALYZING MULTIVARIATE DATA<br>REQUIREMENTS: PSYCH 513 & 514 OR<br>EQUV; NO OTHER REQUIREMENTS   |     |                |      |           |             |
| 2948                      | B 2  | T   | 940-1140       |      | SMI 102   | COSMAD      |
|                           | CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY<br>UPPER DIVISION UNDERGRADS WITH<br>PERM OF INSTR  |     |                |      |           |             |
| 2949                      | C 3  | W   | 130-450        |      |           | PANAGIOTDES |
|                           | CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>BEHAVIORAL INSTRUMENTATION<br>MEETS IN RCORC CONF ROOM, 4TH FLOOR<br>ONLY OPEN TO GRADS IN BEHAVIORAL<br>SOCIAL AND BIOMEDICAL SCIENCES |     |                |      |           |             |
| PSYCH                     | 586 CLIN PERS ASSESSMT   |     |                |      |           |             |
| > 2950                    | A 3  |     | TO BE ARRANGED |      |           | SMITH R     |
|                           | CREDIT/NO CREDIT ONLY<br>EC 6TH 213  |     |                |      |           |             |
| PSYCH                     | 593 CLINIC PRACTICUM   |     |                |      |           |             |
| 2951                      | A 1-6  |     | TO BE ARRANGED |      |           | FAGAN, C    |
|                           | CREDIT/NO CREDIT ONLY<br>NO FRESHMEN<br>CLIN PSYCH STUDENTS ONLY   |     |                |      |           |             |
| PSYCH                     | 597 FIELD WORK-CLINICAL  |     |                |      |           |             |
| > 2952                    | A 1-5  |     | TO BE ARRANGED |      |           |             |
|                           | NO FRESHMEN<br>INSTRUCTOR LD. 6TH 119A<br>CLINICAL PSYCH STUDENTS  |     |                |      |           |             |
| > 2953                    | B 1-5  |     | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY<br>NO FRESHMEN<br>INSTRUCTOR LD. 6TH 119A<br>CLINICAL PSYCH STUDENTS ONLY  |     |                |      |           |             |
| PSYCH                     | 599 READINGS IN PSYCH  |     |                |      |           |             |
| > 2954                    | A  | VAR | TO BE ARRANGED |      |           |             |
|                           | EC 6TH 119A  |     |                |      |           |             |
| > 2955                    | B  | VAR | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY  |     |                |      |           |             |
|                           | EC 6TH 119A  |     |                |      |           |             |
| PSYCH                     | 600 INDEPENDNT STDY/RSCH   |     |                |      |           |             |
| > 2956                    | A  | VAR | TO BE ARRANGED |      |           |             |
|                           | INSTRUCTOR LD. 6TH 119A  |     |                |      |           |             |
| > 2957                    | B  | VAR | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. 6TH 119A   |     |                |      |           |             |
| PSYCH                     | 700 MASTERS THESIS   |     |                |      |           |             |
| > 2958                    | A  | VAR | TO BE ARRANGED |      |           |             |
|                           | INSTRUCTOR LD. 6TH 119A  |     |                |      |           |             |
| > 2959                    | B  | VAR | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. 6TH 119A   |     |                |      |           |             |
| PSYCH                     | 600 DOCTORAL DISSERTATN  |     |                |      |           |             |
| > 2960                    | A  | VAR | TO BE ARRANGED |      |           |             |
|                           | INSTRUCTOR LD. 6TH 119A  |     |                |      |           |             |
| > 2961                    | B  | VAR | TO BE ARRANGED |      |           |             |
|                           | CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. 6TH 119A   |     |                |      |           |             |

## ROMANCE LANGUAGES & LITERATURE

### FRENCH

|      |                |   |       |          |         |  |
|------|----------------|---|-------|----------|---------|--|
| FREN | 101 ELEMENTARY |   |       |          |         |  |
| 1921 | A              | 5 | MTWTF | 830-930  | LOW 216 |  |
| 1922 | B              | 5 | MTWTF | 940-1040 | LOW 216 |  |
|      | TERM A         |   |       |          |         |  |
| 1923 | C              | 5 | MTWTF | 1050-100 | LOW 117 |  |
|      | TERM A         |   |       |          |         |  |

| DEPT SLN | COURSE SECTION                             | CRD  | TITLE DAY      | TIME     | BLDG ROOM | INSTR        |
|----------|--|------|----------------|----------|-----------|--------------|
| 1924     | D  | 5    | MTWTF          | 940-1150 | LOW 115   |              |
|          | TERM A                                     |      |                |          |           |              |
| FREN     | 102 ELEMENTARY                             |      |                |          |           |              |
| 1925     | A  | 5    | MTWTF          | 830-1040 | LOW 113   |              |
|          | TERM B                                     |      |                |          |           |              |
| 1926     | B  | 5    | MTWTF          | 1050-100 | LOW 118   |              |
|          | TERM B                                     |      |                |          |           |              |
| FREN     | 103 ELEMENTARY                             |      |                |          |           |              |
| 1927     | A  | 5    | MTWTF          | 1200-210 | EEB 318   |              |
|          | TERM A                                     |      |                |          |           |              |
| FREN     | 194 FIRST YR INTEN FREN                    |      |                |          |           |              |
| 1928     | A  | 15   | MTWTF          | 830-1150 | LOW 218   |              |
| 1929     | B  | 15   | MTWTF          | 1200-320 | LOW 114   |              |
| FREN     | 201 INTERMEDIATE                           |      |                |          |           |              |
| 1930     | A  | 5    | MTWTF          | 1050-100 | MOR 116   |              |
|          | TERM A                                     |      |                |          |           |              |
| FREN     | 202 INTERMEDIATE                           |      |                |          |           |              |
| 1931     | A  | 5    | MTWTF          | 1050-100 | LOW 113   |              |
|          | TERM B                                     |      |                |          |           |              |
| FREN     | 203 INTERMEDIATE                           |      |                |          |           |              |
| 1932     | A  | 5    | MTWTF          | 940-1150 | LOW 117   |              |
|          | TERM B                                     |      |                |          |           |              |
| FREN     | 301 ADVANCED FRENCH                        |      |                |          |           |              |
| 1934     | A  | 5    | MTWTF          | 1050-100 | LOW 118   |              |
|          | TERM A<br>MEETS WRITING COURSE REQUIREMENT |      |                |          |           |              |
| FREN     | 302 ADVANCED FRENCH                        |      |                |          |           |              |
| 1935     | A  | 5    | MTWTF          | 1050-100 | LOW 102   |              |
|          | TERM B<br>MEETS WRITING COURSE REQUIREMENT |      |                |          |           |              |
| FREN     | 390 SUPERVISED STUDY                       |      |                |          |           |              |
| > 1936   | A  | 2-6  | TO BE ARRANGED |          |           |              |
| FREN     | 406 ADVANCED GRAMMAR                       |      |                |          |           |              |
| 1937     | A  | 5    | MTWTF          | 940-1150 | LOW 101   | KLAUSENBURGE |
|          | TERM B                                     |      |                |          |           |              |
| FREN     | 427 FICTION 20TH CENT                      |      |                |          |           |              |
| 1938     | A  | 5    | MTWTF          | 1200-100 | DEN 310   | COLLINS, D   |
| FREN     | 499 SPEC TOPICS                            |      |                |          |           |              |
| > 1939   | A  | 1-5  | TO BE ARRANGED |          |           |              |
| FREN     | 590 SPEC SMNR & CONFER                     |      |                |          |           |              |
| > 1940   | A  | 1-10 | TO BE ARRANGED |          |           |              |
| FREN     | 600 INDEPENDNT STDY/RSCH                   |      |                |          |           |              |
| > 1941   | A  | VAR  | TO BE ARRANGED |          |           |              |
|          | CREDIT/NO CREDIT ONLY                      |      |                |          |           |              |

### ITALIAN

|        |                          |      |                |          |         |  |
|--------|--------------------------|------|----------------|----------|---------|--|
| ITAL   | 101 ELEMENTARY           |      |                |          |         |  |
| 2161   | A                        | 5    | MTWTF          | 830-1040 | MOR 226 |  |
|        | TERM A                   |      |                |          |         |  |
| 2162   | B                        | 5    | MTWTF          | 1050-100 | ART 006 |  |
|        | TERM A                   |      |                |          |         |  |
| ITAL   | 102 ELEMENTARY           |      |                |          |         |  |
| 2163   | A                        | 5    | MTWTF          | 830-1040 | LOW 115 |  |
|        | TERM B                   |      |                |          |         |  |
| ITAL   | 134 FIRST YEAR INTENSIVE |      |                |          |         |  |
| 2104   | A                        | 15   | MTWTF          | 1200-320 | LOW 101 |  |
| ITAL   | 390 SUPERVISED STUDY     |      |                |          |         |  |
| > 2165 | A                        | 2-6  | TO BE ARRANGED |          |         |  |
| ITAL   | 499 SPEC TOPICS          |      |                |          |         |  |
| > 2166 | A                        | 1-5  | TO BE ARRANGED |          |         |  |
| ITAL   | 590 SPEC SMNR & CONFER   |      |                |          |         |  |
| > 2167 | A                        | 1-10 | TO BE ARRANGED |          |         |  |
| ITAL   | 600 INDEPENDNT STDY/RSCH |      |                |          |         |  |
| > 2168 | A                        | VAR  | TO BE ARRANGED |          |         |  |

## ROMANCE LANGUAGES & LITERATURE

|        |                          |     |                |  |  |  |
|--------|--------------------------|-----|----------------|--|--|--|
| ROMAN  | 600 INDEPENDNT STDY/RSCH |     |                |  |  |  |
| > 3038 | A                        | VAR | TO BE ARRANGED |  |  |  |
|        | CREDIT/NO CREDIT ONLY    |     |                |  |  |  |
| ROMAN  | 700 MASTERS THESIS       |     |                |  |  |  |
| > 3039 | A                        | VAR | TO BE ARRANGED |  |  |  |
|        | CREDIT/NO CREDIT ONLY    |     |                |  |  |  |
| ROMAN  | 600 DOCTORAL DISSERTATN  |     |                |  |  |  |
| > 3040 | A                        | VAR | TO BE ARRANGED |  |  |  |
|        | CREDIT/NO CREDIT ONLY    |     |                |  |  |  |

## ROMANCE LINGUISTICS

|        |                          |      |                |  |  |  |
|--------|--------------------------|------|----------------|--|--|--|
| ROM    | 499 SPECIAL TOPICS       |      |                |  |  |  |
| > 3035 | A                        | 1-5  | TO BE ARRANGED |  |  |  |
| ROM    | 590 SPEC SMNR & CONFER   |      |                |  |  |  |
| > 3036 | A                        | 1-10 | TO BE ARRANGED |  |  |  |
| ROM    | 600 INDEPENDNT STDY/RSCH |      |                |  |  |  |
| > 3037 | A                        | VAR  | TO BE ARRANGED |  |  |  |
|        | CREDIT/NO CREDIT ONLY    |      |                |  |  |  |

## SPANISH

|        |  |      |                |          |         |            |
|--------|--|------|----------------|----------|---------|------------|
| SPAN   | 101 ELEMENTARY                             |      |                |          |         |            |
| 3139   | A  | 5    | MTWTF          | 830-1040 | LOW 117 |            |
|        | TERM A                                     |      |                |          |         |            |
| 3140   | B  | 5    | MTWTF          | 940-1150 | LOW 201 |            |
|        | TERM A                                     |      |                |          |         |            |
| 3141   | C  | 5    | MTWTF          | 1050-100 | LOW 112 |            |
|        | TERM A                                     |      |                |          |         |            |
| SPAN   | 102 ELEMENTARY                             |      |                |          |         |            |
| 3143   | A  | 5    | MTWTF          | 830-1040 | LOW 220 |            |
|        | TERM B                                     |      |                |          |         |            |
| 3144   | B  | 5    | MTWTF          | 940-1150 | LOW 216 |            |
|        | TERM B                                     |      |                |          |         |            |
| 3145   | C  | 5    | MTWTF          | 1050-100 | LOW 111 |            |
|        | TERM B                                     |      |                |          |         |            |
| SPAN   | 103 ELEMENTARY                             |      |                |          |         |            |
| 3146   | A  | 5    | MTWTF          | 1200-210 | LOW 115 |            |
|        | TERM A                                     |      |                |          |         |            |
| 3147   | B  | 5    | MTWTF          | 1050-100 | EEB 218 |            |
|        | TERM A                                     |      |                |          |         |            |
| SPAN   | 194 INTEN FIRST YR SPAN                    |      |                |          |         |            |
| 3148   | A  | 15   | MTWTF          | 1050-210 | DEN 317 |            |
| SPAN   | 201 INTERMEDIATE                           |      |                |          |         |            |
| 3150   | A  | 5    | MTWTF          | 1050-100 | LOW 216 |            |
|        | TERM A                                     |      |                |          |         |            |
| SPAN   | 202 INTERMEDIATE                           |      |                |          |         |            |
| 3151   | A  | 5    | MTWTF          | 1050-100 | LOW 115 |            |
|        | TERM B                                     |      |                |          |         |            |
| SPAN   | 203 INTERMEDIATE                           |      |                |          |         |            |
| 3152   | A  | 5    | MTWTF          | 940-1150 | LOW 220 |            |
|        | TERM A                                     |      |                |          |         |            |
| SPAN   | 301 GRAMMAR & LEXICON                      |      |                |          |         |            |
| 3153   | A  | 5    | MTWTF          | 940-1150 | MOR 219 |            |
|        | TERM A                                     |      |                |          |         |            |
| SPAN   | 390 SUPERVISED STUDY                       |      |                |          |         |            |
| > 3154 | A  | 2-6  | TO BE ARRANGED |          |         |            |
| SPAN   | 491 INDV AUTH-SPEC TOPC                    |      |                |          |         |            |
| 3155   | A  | 5    | MTWTF          | 110-320  | ART 003 | OHARAJE    |
|        | TERM A                                     |      |                |          |         |            |
| 3156   | B  | 5    | MTWTF          | 1050-100 | LOW 112 | SHIPLEY, G |
|        | TERM B<br>MEETS WRITING COURSE REQUIREMENT |      |                |          |         |            |
| SPAN   | 499 SPEC TOPICS                            |      |                |          |         |            |
| > 3157 | A  | 1-5  | TO BE ARRANGED |          |         |            |
| SPAN   | 590 SPEC SMNR & CONFER                     |      |                |          |         |            |
| > 3158 | A  | 1-10 | TO BE ARRANGED |          |         |            |
| SPAN   | 600 INDEPENDNT STDY/RSCH                   |      |                |          |         |            |
| > 3159 | A  | VAR  | TO BE ARRANGED |          |         |            |
|        | CREDIT/NO CREDIT ONLY                      |      |                |          |         |            |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

| DEPT SLN SPEC CODE                             | COURSE SECTION CRD DAY COMMENTS | TITLE TIME | BLDG ROOM | INSTR | DEPT SLN SPEC CODE  | COURSE SECTION CRD DAY COMMENTS | TITLE TIME | BLDG ROOM | INSTR | DEPT SLN SPEC CODE                           | COURSE SECTION CRD DAY COMMENTS | TITLE TIME | BLDG ROOM | INSTR |
|--|---------------------------------|------------|-----------|-------|---|---------------------------------|------------|-----------|-------|--|---------------------------------|------------|-----------|-------|
| <b>SCANDINAVIAN LANGUAGES &amp; LITERATURE</b> |                                 |            |           |       | <b>RUSS 250 INTSV SECON-YR RUSS</b>   |                                 |            |           |       | <b>SOC 240 INTR SOC PSYCH BEHV</b>           |                                 |            |           |       |
| <b>LITHUANIAN</b>                              |                                 |            |           |       | STUDENTS NOT PRESENT ON FIRST DAY OF CLASS FOR DIAGNOSTIC TEST MAY BE DROPPED |                                 |            |           |       | ADD CODE REQUIRED (PD.3)                     |                                 |            |           |       |
| <b>NORWEGIAN</b>                               |                                 |            |           |       | STUDENTS NOT PRESENT ON FIRST DAY OF CLASS FOR DIAGNOSTIC TEST MAY BE DROPPED |                                 |            |           |       | SOC 271 INTRO DEVIANCE                       |                                 |            |           |       |
| NORW 490 SUPERVISED READING                    |                                 |            |           |       | RUSS 350 INTSV THIRD-YR RUSS  |                                 |            |           |       | SOC 328 METH SOCIOLOG RESEAR                 |                                 |            |           |       |
| > 2525 A VAR TO BE ARRANGED                    |                                 |            |           |       | STUDENTS NOT ATTENDING FIRST THREE DAYS OF CLASS MAY BE DROPPED               |                                 |            |           |       | > 3107 A 5 MTWTF 940-1150 LOW 205 BRINKS,J   |                                 |            |           |       |
| <b>SCANDINAVIAN</b>                            |                                 |            |           |       | RUSS 450 INTS FOURTH-YR RUSS  |                                 |            |           |       | SOC 329 METH SOCIOLOG RESEAR                 |                                 |            |           |       |
| SCAND 230 INTRO TO FOLKLORE                    |                                 |            |           |       | STUDENTS NOT ATTENDING FIRST THREE DAYS OF CLASS MAY BE DROPPED               |                                 |            |           |       | > 3108 A 5 MTWTF 940-1150 DEN 304 LINKEMAN,T |                                 |            |           |       |
| SCAND 312 MSTRPCES SCAND LIT                   |                                 |            |           |       | RUSS 489 DIRECTED STUDY/RSCH  |                                 |            |           |       | SOC 352 THE FAMILY                           |                                 |            |           |       |
| SCAND 499 INDEP STUDY/RSCH                     |                                 |            |           |       | > 3050 A 1-5 TO BE ARRANGED   |                                 |            |           |       | 3110 A 5 MTWTF 830-930 MUS 223 STEPHENS,I    |                                 |            |           |       |
| > 3054 A 1-5 TO BE ARRANGED                    |                                 |            |           |       | INSTRUCTOR LD. SM M253 OR CALL 543-6848                                       |                                 |            |           |       | SOC 355 SOC CHANGE LAT AMER                  |                                 |            |           |       |
| SCAND 600 INDEPENDNT STDY/RSCH                 |                                 |            |           |       | RUSS 600 INDEPENDNT STDY/RSCH   |                                 |            |           |       | > 3111 A 5 MTWTF 1050-100 SMU 318 HIRST,M    |                                 |            |           |       |
| > 3055 A VAR TO BE ARRANGED                    |                                 |            |           |       | > 3051 A VAR TO BE ARRANGED   |                                 |            |           |       | SOC 356 SOCIETY & POLITICS                   |                                 |            |           |       |
| SCAND 700 MASTERS THESIS                       |                                 |            |           |       | INSTRUCTOR LD. SM M253 OR CALL 543-6848                                       |                                 |            |           |       | 3112 A 5 MW 1050-120 CMU 226 BURSTEIN,P      |                                 |            |           |       |
| > 3056 A VAR TO BE ARRANGED                    |                                 |            |           |       | SLAVIC  |                                 |            |           |       | SOC 371 CRIMINOLOGY                          |                                 |            |           |       |
| SCAND 800 DOCTORAL DISSERTATN                  |                                 |            |           |       | SLAV 489 SENR HONORS THESIS   |                                 |            |           |       | 3113 A 5 MTWTF 940-1150 RAI 116 CRUTCHFIELD  |                                 |            |           |       |
| > 3057 A VAR TO BE ARRANGED                    |                                 |            |           |       | > 3091 A 3-9 TO BE ARRANGED   |                                 |            |           |       | SOC 372 INTRO CRIM JUSTICE                   |                                 |            |           |       |
| <b>SWEDISH</b>                                 |                                 |            |           |       | CREDIT/NO CREDIT ONLY   |                                 |            |           |       | 3114 A 5 MTWTF 1200-210 SMU 115 BRIDGES,G    |                                 |            |           |       |
| SWED 150 INTENSIVE SWEDISH                     |                                 |            |           |       | INSTRUCTOR LD. SM M253 OR CALL 543-6848                                       |                                 |            |           |       | SOC 399 UNDERGRAD INTERNSHP                  |                                 |            |           |       |
| SLAVIC LANGUAGES AND LITERATURE                |                                 |            |           |       | SLAV 499 DIRECTED STUDY/RSCH  |                                 |            |           |       | > 3115 A 2-5 TO BE ARRANGED                  |                                 |            |           |       |
| POLISH   |                                 |            |           |       | > 3092 A 1-5 TO BE ARRANGED   |                                 |            |           |       | CREDIT/NO CREDIT ONLY                        |                                 |            |           |       |
| RUSSIAN  |                                 |            |           |       | INSTRUCTOR LD. SM M253 OR CALL 543-6848                                       |                                 |            |           |       | INSTRUCTOR LD. SAV 210                       |                                 |            |           |       |
| SOCIETY AND JUSTICE                            |                                 |            |           |       | SOCIETY AND JUSTICE   |                                 |            |           |       | SOCIETY AND JUSTICE                          |                                 |            |           |       |
| SOCIOLOGY                                      |                                 |            |           |       | SOCIOLOGY   |                                 |            |           |       | SOCIETY AND JUSTICE                          |                                 |            |           |       |
| SPEECH & HEARING SCIENCES                      |                                 |            |           |       | SPEECH & HEARING SCIENCES   |                                 |            |           |       | SOCIETY AND JUSTICE                          |                                 |            |           |       |

| DEPT   | COURSE    | TITLE  | TIME           | BLDG/ROOM | INSTR        |
|--|-----------|--|----------------|-----------|--------------|
| SLN  | SECTION   | CRD  | DAY            | TIME      | BLDG/ROOM    |
| SPEC CODE                                    | SPEC CODE | COMMENTS   | COMMENTS       |           |              |
| <b>SPEECH &amp; HEARING SCIENCES (cont.)</b> |           |  |                |           |              |
| SPHSC  | 370       | BASIC AUDIOMETRY   |                |           |              |
| > 3183                                       | A         | 5 M/WTF  | 940-1040       | SWS 038   | SANBORNJE    |
|  |           | EC EGL 205; PLUS LAB *<br>7/8 (FR) WILL NOT MEET IN SWS 038<br>SEE INSTR                               |                |           |              |
| SPHSC  | 380       | INTRO AURAL REHAB  |                |           |              |
| > 3184                                       | AA        | 4 MTH  | 1050-1150      | SWS 032   | SANBORNJE    |
|  |           | W<br>1050-1220 SWS:032   |                |           |              |
| > 3185                                       | AB        | 4 MTH  | 1050-1160      | SWS 032   | SANBORNJE    |
|  |           | F<br>1050-1220 SWS 032   |                |           |              |
|  |           | EC EGL 205<br>7/8 WILL NOT MEET IN SWS 032 -<br>SEE INSTR  |                |           |              |
| SPHSC  | 401       | NEUR BASES SP LANG   |                |           |              |
| 3186   | A         | 4 M/WTh  | 830-930        | SWS 038   | ROGERS,M     |
| SPHSC  | 402       | ADV PHONETIC ANALYS  |                |           |              |
| 3187   | A         | 2 MW   | 1050-1230      | SWS 038   | STOEL-GAMMON |
|  |           | TERM A   |                |           |              |
| SPHSC  | 449       | STDY SPH PATH & AUD  |                |           |              |
| 3188   | A         | 2 M/WTF  | 800-1155       | EGL 001   | STONE,J      |
|  |           | TERM A<br>CREDIT/NO CREDIT ONLY<br>COUNSELING & INTERACTION SKILLS<br>PART I 6/20 - 6/24               |                |           |              |
| > 3189                                       | B         | 1 T  | 800-900        | SWS 032   | STONE,J      |
|  |           | CREDIT/NO CREDIT ONLY<br>COUNSELING & INTERACTION SKILLS<br>PART II 6/27-8/19; 1 HR WK *<br>EC EGL 205 |                |           |              |
| 3190   | C         | 3 MTH  | 1200-100       | SWS 032   | OLSHAW,G     |
|  |           | CREDIT/NO CREDIT ONLY<br>CHILDREN'S LANGUAGE DISORDERS:<br>AN OVERVIEW OF SERVICE                      |                |           |              |
| 3191   | D         | 2 W  | 220-430        | SWS 032   | ROGERS,M     |
|  |           | CREDIT/NO CREDIT ONLY<br>NEUROLOGIC DISORDERS ACROSS<br>THE LIFE SPAN                                  |                |           |              |
| SPHSC  | 499       | UNDERGRAD RESEARCH   |                |           |              |
| > 3192                                       | A         | 1-5  | TO BE ARRANGED |           |              |
|  |           | INSTRUCTOR I.D. EGL 205  |                |           |              |
| SPHSC  | 503       | CURR ISSUES SPHSC  |                |           |              |
| 3193   | AA        | 3 T  | 110-410        | SWS 038   | BUDERLE      |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | TERM B<br>DIGITAL INSTRUMENTATION  |                |           |              |
| SPHSC  | 535       | VOICE DISORDERS  |                |           |              |
| 3194   | A         | 4 TTh  | 220-420        | SWS 0012  |              |
| SPHSC  | 536       | ASSESS LING IMP CHLD   |                |           |              |
| > 3195                                       | A         | 5 TWTh   | 940-1125       | SWS 036   | CARPENTER,R  |
|  |           | ADD CODE REQUIRED (PD.283)<br>6/27 - 8/19<br>EC EGL 104  |                |           |              |
| SPHSC  | 551       | ADV PRACT SPCH EVAL  |                |           |              |
| 3196   | AA        | 4  | TO BE ARRANGED |           | COGGINS,K    |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| 3197   | AB        | 4  | TO BE ARRANGED |           | COGGINS,K    |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| 3198   | AC        | 4  | TO BE ARRANGED |           | COGGINS,K    |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| 3199   | BA        | 4 M  | 100-450        |           | COGGINS,T    |
|  |           | T  | 800-1050       |           | BRANSON,C    |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| 3200   | BB        | 4 M  | 100-450        |           | COGGINS,T    |
|  |           | T  | 1000-1250      |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| SPHSC  | 552       | ADV PRACT SPCH MGMT  |                |           |              |
| 3201   | AA        | 1-9 W  | 1050-100       | SWS 0012  |              |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| 3202   | BA        | 1-9  | TO BE ARRANGED |           | STACHOWIAK,S |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
| 3203   | CA        | 1-9 T  | 220-320        | SWS 036   | HAMILTON,S   |
|  |           | TO BE ARRANGED   |                |           |              |
|  |           | CREDIT/NO CREDIT ONLY  |                |           |              |
|  |           | MGMT STUTTERING  |                |           |              |

| DEPT      | COURSE    | TITLE  | TIME           | BLDG/ROOM | INSTR      |
|-----------|-----------|--|----------------|-----------|------------|
| SLN       | SECTION   | CRD  | DAY            | TIME      | BLDG/ROOM  |
| SPEC CODE | SPEC CODE | COMMENTS                                       | COMMENTS       |           |            |
| 3204      | DA        | 1-9  | TO BE ARRANGED |           | ALARCON,N  |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | ADV ADLT SP                                    |                |           |            |
| 3205      | EA        | 1-9  | TO BE ARRANGED |           | STONE,J    |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | MGMT ADV CHLD SP                               |                |           |            |
| 3206      | FA        | 1-9 F  | 1200-100       | EGL 001   | ALARCON,N  |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | MGMT NEURO I                                   |                |           |            |
| 3207      | GA        | 1-9 T  | 1200-210       | SWS 036   |            |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | MGMT VOICE                                     |                |           |            |
| SPHSC     | 555       | PRE-INTERNSHIP                                 |                |           |            |
| > 3208    | A         | 1-9 W  | 500-650P       | EGL 111   | ALARCON,N  |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | EC SWS 173                                     |                |           |            |
|           |           | PRE-INTERNSHIP IN AUDIOLOGY                    |                |           |            |
| > 3209    | S         | 1-9 W  | 500-650P       | EGL 111   | ALARCON,N  |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | EC SWS 173                                     |                |           |            |
|           |           | PRE-INTERNSHIP IN SP-LANG-PATH                 |                |           |            |
| SPHSC     | 575       | MED BXGD AUDIOLGY                              |                |           |            |
| 3210      | A         | 3 TF   | 330-500        | SWS 032   | REEST      |
|           |           | 7/8 (FR) WILL NOT MEET IN SWS 032<br>SEE INSTR |                |           |            |
| SPHSC     | 591       | MGMT HEAR IMP CH                               |                |           |            |
| 3211      | AA        | 3 MTh  | 830-1115       | SWS 0012  | THOMPSON,M |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | TERM A   |                |           |            |
| SPHSC     | 591       | ADV PRACTCM AUDIOLGY                           |                |           |            |
| 3212      | AA        | 1-9 M  | 1200-100       | SWS 0012  | LABAK,J    |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | OFFERED JOINTLY WITH SPHSC 591 BA              |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | ADULT ASSESSMENT                               |                |           |            |
| 3213      | BA        | 1-9 M  | 1200-100       | SWS 0012  | MANCLL     |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | OFFERED JOINTLY WITH SPHSC 591 AA              |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | COMRC PED ASSESS                               |                |           |            |
| 3214      | CA        | 1-9 Th   | 330-430        | SWS 036   |            |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | AURAL REHAB-ADULT; PLUS ADOTL HRS              |                |           |            |
| 3215      | DA        | 1-9  | TO BE ARRANGED |           |            |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | AURAL REHAB-CHILD; PLUS ADOTL HRS              |                |           |            |
| 3216      | EA        | 1-9 M  | 1200-100       | SWS 0012  | LABAK,J    |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | OFFERED JOINTLY WITH SPHSC 591 BA              |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | SEL HEARING AID; PLUS CLIN HRS *               |                |           |            |
| 3217      | FA        | 1-9  | TO BE ARRANGED |           | LABAK,J    |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | CALIBRATION                                    |                |           |            |
| 3218      | GA        | 1-9 M  | 1200-100       | SWS 0012  | LABAK,J    |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | OFFERED JOINTLY WITH SPHSC 591 EA              |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | GEN ASSESS; PLUS ADOTL HRS                     |                |           |            |
| 3219      | HA        | 1-9 M  | 1200-100       | SWS 0012  | MANCLL     |
|           |           | TO BE ARRANGED                                 |                |           |            |
|           |           | OFFERED JOINTLY WITH SPHSC 591 EA              |                |           |            |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | ADR; PLUS CLIN HRS *                           |                |           |            |
| SPHSC     | 599       | RSCH PRACTICUM                                 |                |           |            |
| > 3220    | A         | VAR  | TO BE ARRANGED |           |            |
|           |           | EC EGL 203                                     |                |           |            |
| SPHSC     | 600       | INDEPNT STDY/RSCH                              |                |           |            |
| > 3221    | A         | 1-9  | TO BE ARRANGED |           |            |
|           |           | INSTRUCTOR I.D. EGL 203                        |                |           |            |
| SPHSC     | 601       | INTERNSHIP                                     |                |           |            |
| > 3222    | A         | 3-9  | TO BE ARRANGED |           | ALARCON,N  |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           | COGGINS,K  |
|           |           | EC SWS 173                                     |                |           |            |
|           |           | INTERNSHIP IN AUDIOLOGY                        |                |           |            |
| > 3223    | S         | 3-9 MW   | 100-400        | TL2       | ALARCON,N  |
|           |           | CREDIT/NO CREDIT ONLY                          |                |           |            |
|           |           | EC EGL 205                                     |                |           |            |
|           |           | INTERNSHIP IN SPEECH PATHOLOGY                 |                |           |            |
| SPHSC     | 700       | MASTERS THESIS                                 |                |           |            |
| > 3224    | A         | 1-9  | TO BE ARRANGED |           |            |
|           |           | INSTRUCTOR I.D. EGL 203                        |                |           |            |
| SPHSC     | 800       | DOCTORAL DISSERTATN                            |                |           |            |
| > 3225    | A         | 1-9  | TO BE ARRANGED |           |            |
|           |           | INSTRUCTOR I.D. EGL 203                        |                |           |            |

| DEPT   | COURSE    | TITLE   | TIME           | BLDG/ROOM | INSTR       |
|--|-----------|---|----------------|-----------|-------------|
| SLN  | SECTION   | CRD   | DAY            | TIME      | BLDG/ROOM   |
| SPEC CODE  | SPEC CODE | COMMENTS  | COMMENTS       |           |             |
| <b>SPEECH COMMUNICATION</b>  |           |   |                |           |             |
| DEPARTMENT RESERVES THE RIGHT TO DROP STUDENTS WHO DO NOT ATTEND CLASS DURING FIRST WEEK OF CLASSES. MOST CLASSES REQUIRE PERMISSION TO ADD DURING REGISTRATION PERIOD OR PERMISSION INFORMATION AVAILABLE IN RAJ 205. SOME CLASSES REQUIRE PERMISSION TO ADD DURING ALL REGISTRATION PERIODS. SEE INDIVIDUAL COURSE LISTING FOR ADDITIONAL PERMISSION INSTRUCTIONS. |           |   |                |           |             |
| SPCH   | 102       | SPCH/INDVLD SOCIETY                             |                |           |             |
| 3160   | A         | 5 M/WTF   | 940-1040       | PAR 108   | PURCELL,W   |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
| SPCH   | 103       | INTERPERSONAL CMU                               |                |           |             |
| 3161   | A         | 5 M/WTF   | 940-1150       | RAI 107   | MANUSOV     |
|  |           | TERM A<br>ADD CODE REQUIRED (PD.3)              |                |           |             |
| 3162   | B         | 5 M/WTF   | 830-1040       | RAI 107   | PARKS,M     |
|  |           | TERM B<br>ADD CODE REQUIRED (PD.3)              |                |           |             |
| SPCH   | 220       | INTRO TO PUBLIC SPK                             |                |           |             |
| 3163   | A         | 5 M/WTF   | 940-1040       | LOW 114   |             |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
| 3164   | B         | 5 M/WTF   | 1050-100       | RAI 116   | PARKS,M     |
|  |           | TERM B<br>ADD CODE REQUIRED (PD.3)              |                |           |             |
| 3165   | U         | 5 TTh   | 700-920P       | SAV 146   | CAMPBELL,J  |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
| SPCH   | 301       | INTERVIEWING                                    |                |           |             |
| 3166   | A         | 5 MW  | 830-1040       | RAI 109   | TRETHEWEY,A |
|  |           | F<br>940-1040                                   | RAI 109        |           |             |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
| SPCH   | 334       | ESSENTLS OF ARGUMENT                            |                |           |             |
| 3167   | A         | 5 M/WTF   | 1050-1150      | RAI 105   | PURCELL,W   |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
|  |           | MEETS COLLEGE STUDIES PROGRAM REQ'S             |                |           |             |
| 3168   | U         | 5 TTh   | 700-920P       | SAV 142   | WARNOCK,B   |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
|  |           | MEETS COLLEGE STUDIES PROGRAM REQ'S             |                |           |             |
| SPCH   | 341       | INTERP CHILDREN LIT                             |                |           |             |
| 3169   | A         | 3 M/WTF   | 940-1040       | RAI 121   | POST,R      |
|  |           | TERM A<br>ADD CODE REQUIRED (PD.3)              |                |           |             |
| SPCH   | 373       | PRIN GROUP DISCUSSM                             |                |           |             |
| 3170   | A         | 5 TTh   | 1050-100       | MEB 234   | BAUMAN,J    |
|  |           | F<br>1050-1150                                  | MEB 237        |           |             |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
| SPCH   | 474       | CMU IN CONFLICT                                 |                |           |             |
| 3171   | A         | 5 M/WTF   | 1050-100       | HCK 324   | PHILIPSEN,G |
|  |           | TERM A<br>ADD CODE REQUIRED (PD.3)              |                |           |             |
| SPCH   | 498       | SPEC TOPICS SP CMU                              |                |           |             |
| 3172   | A         | 3 M/WTF   | 1050-1150      | RAI 109   | POST,R      |
|  |           | TERM A<br>ADD CODE REQUIRED (PD.3)              |                |           |             |
|  |           | ORAL INTERPRETATION OF FICTION<br>BY JUDY BLUME |                |           |             |
| 3173   | B         | 5 TTh   | 830-1040       | MEB 234   | BAUMAN,J    |
|  |           | F<br>830-930                                    | MEB 237        |           |             |
|  |           | ADD CODE REQUIRED (PD.3)                        |                |           |             |
|  |           | COMMUNICATION & FAMILY                          |                |           |             |
| SPCH   | 499       | UNDERGRAD RESEARCH                              |                |           |             |
| > 3174   | A         | 1-5   | TO BE ARRANGED |           |             |
|  |           | EC RAJ 205                                      |                |           |             |
| > 3175   | B         | 1-5   | TO BE ARRANGED |           | NYQUIST,J   |
|  |           | EC RAJ 104<br>MEDIA INTERNSHIP                  |                |           |             |
| SPCH   | 600       | INDEPNT STDY/RSCH                               |                |           |             |
| > 3176   | A         | VAR   | TO BE ARRANGED |           |             |
|  |           | INSTRUCTOR I.D. RAJ 205                         |                |           |             |
| > 3177   | B         | VAR   | TO BE ARRANGED |           |             |
|  |           | CREDIT/NO CREDIT ONLY                           |                |           |             |
|  |           | INSTRUCTOR I.D. RAJ 205                         |                |           |             |
| SPCH   | 700       | MASTERS THESIS                                  |                |           |             |
| > 3178   | A         | VAR   | TO BE ARRANGED |           |             |
|  |           | INSTRUCTOR I.D. RAJ 205                         |                |           |             |
| SPCH   | 800       | DOCTORAL DISSERTATN                             |                |           |             |
| > 3179   | A         | VAR   | TO BE ARRANGED |           |             |
|  |           | INSTRUCTOR I.D. RAJ 205                         |                |           |             |

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS  
SPEC CODE

**STATISTICS**

ADD CODES TO OVERLOAD CLASSES ARE AVAILABLE FROM THE INSTRUCTORS DURING THE FIRST WEEK OF THE QUARTER ONLY, WHEN ATTENDANCE IS MANDATORY

**STAT 220 BASIC STATISTICS**

3225 AA 5 MWF 830-930 JHN 064  
TTh 830-930 DEN 313  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR  
3227 AB 5 MWF 830-930 JHN 064  
TTh 940-1040 JHN 101  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR  
3228 AC 5 MWF 830-930 JHN 064  
TTh 1050-1150 MEB 249  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR  
3229 AD 5 MWF 830-930 JHN 064  
TTh 1200-100 DEN 205  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR

**STAT 311 ELEMENTS STAT METHOD**

3231 AA 5 MWF 830-930 SAV 216  
TTh 830-930 DEN 307  
OFFERED JOINTLY WITH ECON 311 AA  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR  
3232 AB 5 MWF 830-930 SAV 216  
TTh 940-1040 SAV 311  
OFFERED JOINTLY WITH ECON 311 AB  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR

**STAT 390 PROB STAT ENG SCI**

3233 AA 4 MTWTh 1050-1150 MEB 103  
Th 1200-100 SIG 223  
OFFERED JOINTLY WITH MATH 390 AA  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR  
3234 AB 4 MTWTh 1050-1150 MEB 103  
TTh 110-210 LOW 113  
OFFERED JOINTLY WITH MATH 390 AB  
ADD CODE REQUIRED (PD.3)  
EC SEE INSTR

**STAT 394 PROBABILITY I**

3235 A 3 MWF 830-1040 SMI 205 SHORACK,G  
TERM A  
OFFERED JOINTLY WITH MATH 394 A  
3236 B 3 MWF 1050-100 SAV 245  
TERM A  
OFFERED JOINTLY WITH MATH 394 B

**STAT 395 PROBABILITY II**

3237 A 3 MWF 830-1040 SMI 105 SHORACK,G  
TERM B  
OFFERED JOINTLY WITH MATH 395 A  
3238 B 3 MWF 1050-100 EEB 222  
TERM B  
OFFERED JOINTLY WITH MATH 395 B

**STAT 499 UNDERGRAD RESEARCH**

> 3239 A 1-5 TO BE ARRANGED  
EC PHONE 543-8296

**STAT 578 SPEC TOP ADV BIOST**

> 3240 A 3 TTh 220-400 HSD E216  
OFFERED JOINTLY WITH BIOST 578 A  
CREDIT/NO CREDIT ONLY  
EC PHONE 543-8296  
> 3241 B 3 TTh 1200-120 HST T359  
OFFERED JOINTLY WITH BIOST 578 B  
CREDIT/NO CREDIT ONLY  
EC HSD F600, 543-1044  
> 3242 C 3 MW 200-400 HST T359  
OFFERED JOINTLY WITH BIOST 578 C  
CREDIT/NO CREDIT ONLY  
EC HSD F600, 543-1044  
3243 D 3 MW 1100-1220 HST T474  
OFFERED JOINTLY WITH BIOST 578 D  
EC HSD F600, 543-1044

**STAT 599 STAT CONSULTING**

> 3244 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
EC PDL 8309 & INSTR PERM

**STAT 600 INDEPENDENT STUDY/RSCH**

> 3245 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. PDL 8309

**STAT 700 MASTERS THESIS**

> 3246 A VAR TO BE ARRANGED  
INSTRUCTOR I.D. PDL 8309

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS  
SPEC CODE

STAT 800 DOCTORAL DISSERTATION  
> 3247 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. PDL 8309

**WOMEN STUDIES**

**WOMEN 200 INTRO WOMEN STUDIES**

3383 AA 5 MTWTh 1200-100 SAV 316 STUHLREHER,  
F 1200-100 CMU 230  
3384 AB 5 MTWTh 1200-100 SAV 316 STUHLREHER,  
F 1200-100 CMU 232  
3385 AC 5 MTWTh 1200-100 SAV 316 STUHLREHER,  
F 1200-100 SAV 326  
3386 AD 5 MTWTh 1200-100 SAV 316 STUHLREHER,  
F 1200-100 SAV 131

**WOMEN 257 PSYCH SEX DIFF**

3387 AA 5 MTWTh 1050-1150 JHN 006 MACAULAY,J  
F 830-930 EEB 327  
OFFERED JOINTLY WITH PSYCH 257 AA  
3388 AB 5 MTWTh 1050-1150 JHN 006 MACAULAY,J  
F 940-1040 SIG 229  
OFFERED JOINTLY WITH PSYCH 257 AB  
3389 AC 5 MTWTh 1050-1150 JHN 006 MACAULAY,J  
F 1050-1150 MEB 250  
OFFERED JOINTLY WITH PSYCH 257 AC  
3390 AD 5 MTWTh 1050-1150 JHN 006 MACAULAY,J  
F 1200-100 CHL 019  
OFFERED JOINTLY WITH PSYCH 257 AD

**WOMEN 313 WOMEN IN POLITICS**

3391 A 5 TTh 1050-100 SAV 311 DI STEFANO,C  
OFFERED JOINTLY WITH POL S 313 A  
MEETS WRITING COURSE REQUIREMENT  
PREREQ: 200 OR A POL S COURSE

**WOMEN 357 PSYCHOLOG OF WOMEN**

3392 AA 5 TTh 1200-210 MUE 153  
F 830-930 BAG 108  
OFFERED JOINTLY WITH PSYCH 357 AA  
PREREQ: PSYCH 101, 102 OR 257 OR  
WOMEN 200 OR 257  
3393 AB 5 TTh 1200-210 MUE 153  
F 940-1040 EEB 316  
OFFERED JOINTLY WITH PSYCH 357 AB  
PREREQ: PSYCH 101, 102 OR 257 OR  
WOMEN 200 OR 257  
3394 AC 5 TTh 1200-210 MUE 153  
F 1050-1150 EEB 316  
OFFERED JOINTLY WITH PSYCH 357 AC  
PREREQ: PSYCH 101, 102 OR 257 OR  
WOMEN 200 OR 257  
3395 AD 5 TTh 1200-210 MUE 153  
F 1200-100 BAG 261  
OFFERED JOINTLY WITH PSYCH 357 AD  
PREREQ: PSYCH 101, 102 OR 257 OR  
WOMEN 200 OR 257

**WOMEN 383 SOC'L HIST AMER WOMEN**

3396 A 5 MTWThF 830-1040 SMI 318 YEE,S  
TERM A  
OFFERED JOINTLY WITH HISTA 373 A  
PREREQ: 200 OR 283 OR HISTA 201 OR  
PERM

**WOMEN 415 GENDER EQUITY IN ED**

3397 A 3 MTWThF 110-400 DEN 304 KOHL,J  
TERM A  
7/6 - 7/20; INTENSIVE 2 WEEK COURSE

**WOMEN 454 WOMEN, WORDS, & MUSIC**

3398 A 5 MTWThF 1050-100 DEN 212 JACOBS,S  
TERM A  
OFFERED JOINTLY WITH ANTH 454 A  
MEETS WRITING COURSE REQUIREMENT

**WOMEN 490 SPEC TOP WOMEN STDY**

3400 A 5 MW 110-320 SIG 231 BROWN,K  
OFFERED JOINTLY WITH HST 498 C  
MEETS WRITING COURSE REQUIREMENT  
WOMEN AND PEACE

**WOMEN 495 TUTORING WOMEN STDY**

> 3401 A 5 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
JUNIORS, SENIORS ONLY  
INSTR I.D. PDL 8110C  
PERM OF INSTR, PREREQ: 1 OR MORE  
UPPER-DIV COURSE RELEVANT TP WS;  
PRIOR COMPLETION OF COURSE OR EQUIV  
TO BE TUTORED

**WOMEN 497 FIELDWORK WOMEN ST**

> 3402 A 3-15 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTR I.D. PDL 8110C

**WOMEN 499 UNDERGRAD RESEARCH**

> 3403 A 1-5 TO BE ARRANGED  
INSTR I.D. PDL 8110C

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS  
SPEC CODE

**ZOOLOGY**

ENTRY CODES ARE AVAILABLE IN KN 106

ZOOL 118 SURVEY OF PHYSIOL  
3404 A 5 MTWThF 830-930 HCK 132 PETERSEN,K

ZOOL 119 ELEM PHYSIOL LAB  
3405 ZH 1 T 1050-100 HCK 346 PETERSEN,K

STUDENTS NOT ATTENDING 1ST LB MAY  
BE DROPPED.

3406 ZH 1 Th 1050-100 HCK 346 PETERSEN,K

STUDENTS NOT ATTENDING 1ST LB MAY  
BE DROPPED.

3407 ZH 1 T 110-310 HCK 346 PETERSEN,K

STUDENTS NOT ATTENDING 1ST LB MAY  
BE DROPPED.

ZOOL 362 NAT HIST VERTS  
3408 AA 5 MWF 1050-1150 HCK 447 MATTOCKSP

110-430 HCK 447

STUDENTS NOT ATTENDING 1ST LB MAY  
BE DROPPED; PLUS FIELD TRIPS

ZOOL 403 COMP VERT HISTOLOGY  
3409 AA 5 MWF 1200-100 HCK 443 CLONEY,R

830-1130 HCK 443

STUDENTS NOT ATTENDING 1ST LB MAY  
BE DROPPED

ZOOL 498 SPEC PROB IN ZOOL  
> 3411 A 1-5 TO BE ARRANGED

EC KN 106 OR CALL 685-8241

ZOOL 600 INDEPENDENT STDY/RSCH  
> 3415 A VAR TO BE ARRANGED

CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. KN 106 OR CALL  
685-8240

ZOOL 700 MASTERS THESIS  
> 3417 A VAR TO BE ARRANGED

CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. KN 106 OR CALL  
685-8240

ZOOL 800 DOCTORAL DISSERTATION  
> 3419 A VAR TO BE ARRANGED

CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. KN 106 CALL  
685-8240

**SCHOOL OF BUSINESS ADMINISTRATION**

ENTRY CODES AVAILABLE IN MKZ 137 FOR UNDERGRAD.  
ENGRY CODES AVAILABLE IN MKZ 110 FOR GRADS.  
INSTRUCTOR ID'S ARE AVAILABLE FROM INSTRUCTORS.  
REGISTRATION IN GRADUATE BUSINESS COURSES 500  
AND ABOVE REQUIRES THE APPROVAL OF THE GRADUATE  
BUSINESS PROGRAM OFFICE. THE SCHOOL OF BUSINESS  
RESERVES THE RIGHT TO DROP STUDENTS FROM CLASSES  
WHICH STUDENTS DO NOT ATTEND DURING THE 1ST WEEK.  
PRE-BUSINESS STUDENTS WHO ARE CLOSED OUT OF LOWER  
DIVISION BUSINESS COURSES SHOULD SEE A COUNSELOR  
AS SOON AS THEY DISCOVER CLASSES ARE CLOSED. A  
LIMITED NUMBER OF OVERLOAD SPACES ARE AVAILABLE.  
A LIMITED NUMBER OF OVERLOADS FOR UPPER-DIVISION  
BUSINESS CLASSES ARE AVAILABLE FOR SENIOR BUSINESS  
MAJORS WHO HAVE APPLIED TO GRADUATE SUMMER QTR.  
OVERLOADS ARE ALSO AVAILABLE FOR ACCOUNTING MAJRS  
CLOSED OUT OF ACCOUNTING CLASSES, EVENING-ONLY  
BUSINESS STUDENTS WHO ARE CLOSED OUT OF EVENING  
CLASSES, AND STUDENTS WHOSE CLASSES ARE CANCELLED  
OR WHOSE CLASS TIMES ARE CHANGED BY THE BUSINESS  
SCHOOL AFTER THEIR SCHEDULES HAVE BEEN CONFIRMED  
BY STAR. CODES ARE GIVEN ON A FIRST-COME, FIRST-  
SERVED BASIS. THE FIRST DAY OF THE QUARTER THROUGH  
THE END OF THE SECOND WEEK, STUDENTS MUST SEE  
INSTRUCTORS FOR OVERLOAD OR ENTRY CODES.

**ACCOUNTING**

ACCTG 210 INTRO TO ACCTS  
1014 A 3 MW 830-1000 DEN 307

NO FRESHMEN

1015 B 3 MW 1050-1220 DEN 307

NO FRESHMEN

1016 U 3 MW 530-650P ELM 202

NO FRESHMEN

ACCTG 220 FUND FIN ACCTG  
1017 A 3 TTh 800-930 BLM 206

1018 B 3 TTh 1050-1220 BLM 314

1019 U 3 TTh 530-650P BLM 202



| DEPT<br>SIN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
|--------------------------|--------------------------|--------------------------|------|-----------|-------|
|--------------------------|--------------------------|--------------------------|------|-----------|-------|

| DEPT<br>SIN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
|--------------------------|--------------------------|--------------------------|------|-----------|-------|
|--------------------------|--------------------------|--------------------------|------|-----------|-------|

| DEPT<br>SIN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
|--------------------------|--------------------------|--------------------------|------|-----------|-------|
|--------------------------|--------------------------|--------------------------|------|-----------|-------|

**ACCOUNTING (cont.)**

|   |  |   |
|---|--|---|
| ACCTG 230 FUND M&RL ACCTS<br>1020 A 3 TTh 800-930 BLM 314         | ACCTG 301 INTERMED ACCTG I<br>1023 A 3 MW 940-1110 BLM 202   | MAJORS ONLY   |
| 1021 B 3 TTh 1050-1220 BLM 202                                    | ACCTG 302 INTERMED ACCTG II<br>1024 A 3 MW 800-930 BLM 304   | MAJORS ONLY   |
| 1022 U 3 MW 530-650P BLM 416                                      | ACCTG 303 INTERMED ACCTG III<br>1025 A 3 TTh 730-900 BLM 312 | MAJORS ONLY   |
| ACCTG 330 ACCTG INFO SYSTEMS<br>1026 A 3 TTh 940-1110 BLM 302     | ACCTG 371 AUD OR INFO INTRSHIP<br>1027 A 2 TO BE ARRANGED    | CREDIT/NO CREDIT ONLY<br>MAJORS ONLY  |
| ACCTG 421 TAX EFF OF BUS DECS<br>1028 A 3 TTh 940-1110 BLM 414    | ACCTG 450 BUSINESS TAXATION<br>1030 A 3 MW 800-930 BLM 212   | MAJORS ONLY   |
| 1029 B 3 TTh 110-240 BLM 314                                      | ACCTG 451 INDIV INC TAXATION<br>1031 A 3 MW 940-1110 BLM 206 | MAJORS ONLY   |
| ACCTG 459 UNDERGRAD RESEARCH<br>>1032 A 3 TO BE ARRANGED          | ACCTG 499 UNDERGRAD RESEARCH<br>>1032 A 3 TO BE ARRANGED     | ONLY MAJORS FROM B ADM COLLEGE<br>MAJORS ONLY<br>INSTRUCTOR ID FROM INSTRUCTOR                  |
| ACCTG 505 ANLYS ACCTG PRINCPL<br>>1033 A 15 MTWTF 830-300 BLM 214 | ACCTG 530 TAX ISSUES-PROPERTY<br>1034 A 4 MW 720-930 BLM 408 | ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA/ACCTG MAJORS ONLY<br>EC MKZ 110; OTHERS BY PERM |
| ACCTG 571 RSCH REPORTS<br>>1035 A 3 TO BE ARRANGED                | ACCTG 590 SPEC TOPICS ACCTG<br>1036 A 3 MW 500-630P BLM 302  | ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA/ACCTG MAJORS ONLY<br>OTHERS BY PERM             |
| ACCTG 572 RSCH REPORTS<br>>1037 A 3 TO BE ARRANGED                | 1037 B 3 TTh 1200-130 BLM 306                                | ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA/ACCTG MAJORS ONLY<br>OTHERS BY PERM             |
| ACCTG 573 RSCH REPORTS<br>>1038 A 3 TO BE ARRANGED                | 1038 C 3 TTh 730-950 BLM 306                                 | ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA/ACCTG MAJORS ONLY<br>OTHERS BY PERM             |
| ACCTG 600 INDEPNNT STDY/RSCH<br>>1039 A 1-9 TO BE ARRANGED        | ACCTG 600 INDEPNNT STDY/RSCH<br>>1039 A 1-9 TO BE ARRANGED   | GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110                                  |

**ADMINISTRATION**

|  |
|--|
| ADMIN 510 INTEGRATIVE ADMIN<br>>1040 A 15 MTWTF 745-430 DEN 302 SCHALL LE BRETON, P TARBOUNIA YALOH, R |
|--|

**BUSINESS ADMINISTRATION**

|   |
|---|
| B A 371 CO-OP IN BUSINESS<br>>1180 A 2 TO BE ARRANGED               |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>DOES NOT APPLY TO BA DEGREE |

|   |
|---|
| B A 600 DOCTORAL DISSERTATN<br>>1181 A 1-9 TO BE ARRANGED |
|---|

**BUSINESS COMMUNICATIONS**

|   |   |
|---|---|
| B CMU 801 BASIC WRITTN BUS CMU<br>1182 A 4 MW 110-320 BLM 408 GOETHALS, C | B CMU 801 BASIC WRITTN BUS CMU<br>1189 B 4 TTh 940-1150 BLM 416 WHELAN, J |
|---|---|

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|--|--|
| ADD CODE REQUIRED (PD.3)<br>NO FRESHMEN/SOPHOMRS (PD.2)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) | 1184 C 4 TTh 110-320 BLM 212 WHELAN, J |
| ADD CODE REQUIRED (PD.3)<br>NO FRESHMEN/SOPHOMRS (PD.2)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) |  |
| ADD CODE REQUIRED (PD.3)<br>NO FRESHMEN/SOPHOMRS (PD.2)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) |  |

**BUSINESS ECONOMICS**

|   |  |
|---|--|
| B ECM 300 MANAGERIAL ECON<br>1190 A 3 TTh 800-930 BLM 202 | B ECM 420 FINANCIAL MARKET6<br>1192 A 4 TTh 940-1150 BLM 408 TARBOUNIA |
|---|--|

|                                |  |
|--------------------------------|--|
| ONLY MAJORS FROM B ADM COLLEGE | JUNIORS, SENIORS ONLY (PD.1)<br>ONLY MAJORS FROM B ADM COLLEGE<br>B A MAJORS ONLY (PD.1) |
|--------------------------------|--|

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|--|
| B ECM 427 INTERNATIONAL FIN<br>1193 A 4 MW 1200-210 BLM 312 GLASSMAN                     |
| JUNIORS, SENIORS ONLY (PD.1)<br>ONLY MAJORS FROM B ADM COLLEGE<br>B A MAJORS ONLY (PD.1) |

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|--|
| B ECM 499 UNDERGRAD RESEARCH<br>>1194 A 3 TO BE ARRANGED |
| INSTRUCTOR ID FROM INSTRUCTOR                            |

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|--|
| B ECM 571 RESEARCH REPORTS<br>>1195 A 3 TO BE ARRANGED         |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

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|--|
| B ECM 572 RESEARCH REPORTS<br>>1196 A 3 TO BE ARRANGED         |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

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|--|
| B ECM 600 INDEPNNT STDY/RSCH<br>>1197 A 1-9 TO BE ARRANGED     |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

**BUSINESS POLICY**

|   |  |
|---|--|
| B POL 470 BUSINESS POLICY<br>1199 A 4 TTh 720-930 BLM 304 | B POL 470 BUSINESS POLICY<br>1200 B 4 TTh 940-1150 GUG 306 |
|---|--|

|  |  |
|--|--|
| B POL 471 SMALL BUSINESS MGMT<br>1201 A 4 MW 945-1150 BLM 204 VESPER | B POL 490 SPECIAL TOPICS BPOL<br>1203 A 4 T 830-1040 RAI 109 HANSEN, G |
|--|--|

|  |   |
|--|---|
| NO FRESHMEN/SOPHOMRS, JUNIORS ONLY MAJORS FROM B ADM COLLEGE | OFFERED JOINTLY WITH MKTG 555 A<br>ADD CODE REQUIRED (PD.3)<br>FRESHMEN/SOPHOMRS ONLY (PD.2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) |
|--|---|

|  |
|--|
| B POL 499 UNDERGRAD RESEARCH<br>>1204 A 3 TO BE ARRANGED |
| INSTRUCTOR ID FROM INSTRUCTOR                            |

|  |
|--|
| B POL 555 ENTREPR MKTG & MGMT<br>1205 A 4 T 830-1040 RAI 109 HANSEN, G   |
| OFFERED JOINTLY WITH MKTG 555 A<br>ADD CODE REQUIRED (PD.3)<br>GRADS ONLY (PD.1&2)<br>ACCTG,GR BA MAJORS ONLY (PD.1&2) |

|   |
|---|
| B POL 571 RSCH REPORTS<br>>1206 A 3 TO BE ARRANGED              |
| ACCTG,GR BA MAJORS ONLY<br>MBA MJ ONLY<br>INSTRUCTOR ID MKZ 110 |

|   |
|---|
| B POL 572 RSCH REPORTS<br>>1207 A 3 TO BE ARRANGED                            |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>MBA MJ ONLY<br>INSTRUCTOR ID MKZ 110 |

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|--|
| B POL 600 INDEPNNT STDY/RSCH<br>>1208 A 1-9 TO BE ARRANGED     |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

**FINANCE**

|  |  |
|--|--|
| FIN 350 BUSINESS FINANCE<br>1902 A 4 MW 940-1150 GUG 306 | FIN 493 FINANCL THRY&ANLYS<br>1904 A 4 MW 940-1150 BLM 414 |
|--|--|

|                                |  |
|--------------------------------|--|
| ONLY MAJORS FROM B ADM COLLEGE | JUNIORS, SENIORS ONLY (PD.1)<br>ONLY MAJORS FROM B ADM COLLEGE<br>B A MAJORS ONLY (PD.1) |
|--------------------------------|--|

|  |  |
|--|--|
| FIN 460 INVESTMENTS<br>1905 A 4 TTh 1200-210 BLM 312 | FIN 499 UNDERGRAD RESEARCH<br>>1906 A 3 TO BE ARRANGED |
|--|--|

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|--|-------------------------------|
| JUNIORS, SENIORS ONLY (PD.1)<br>ONLY MAJORS FROM B ADM COLLEGE<br>B A MAJORS ONLY (PD.1) | INSTRUCTOR ID FROM INSTRUCTOR |
|--|-------------------------------|

|  |
|--|
| FIN 560 INVESTMENTS<br>1907 A 3 TTh 220-430 BLM 302  |
| ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA/ACCTG MAJORS ONLY<br>MKZ 110; OTHERS BY PERM |

|  |
|--|
| FIN 571 RSCH REPORTS<br>>1908 A 3 TO BE ARRANGED               |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

|  |
|--|
| FIN 572 RSCH REPORTS<br>>1909 A 3 TO BE ARRANGED               |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

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|--|
| FIN 600 INDEPNNT STDY/RSCH<br>>1910 A 1-9 TO BE ARRANGED       |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors

See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

# University of Washington

| DEPT<br>SUN<br>SPEC | COURSE<br>SECTION<br>CODE | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
|---------------------|---------------------------|--------------------------|------|-----------|-------|
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## HUMAN RES HUMAN RES MANAGE&ORGANIZ BEHAV

|   |                                   |                |         |             |  |
|---|-----------------------------------|----------------|---------|-------------|--|
| HRMOB 301   | PERS SYS & IND REL<br>2039 A 3 MW | 940-1110       | BLM 302 |             |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)                            |                                   |                |         |             |  |
| HRMOB 400   | MGT OF ORG BEH<br>2034 A 4 MW     | 720-930        | BLM 302 |             |  |
| ONLY MAJORS FROM B ADM COLLEGE  |                                   |                |         |             |  |
| 2035  | B 4 MW                            | 110-310        | BLM 416 |             |  |
| ONLY MAJORS FROM B ADM COLLEGE  |                                   |                |         |             |  |
| HRMOB 410   | STAFFING<br>2036 A 4 MW           | 1200-210       | BLM 212 |             |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)                            |                                   |                |         |             |  |
| HRMOB 499   | UNDERGRAD RESEARCH<br>>2037 A 3   | TO BE ARRANGED |         |             |  |
| INSTRUCTOR ID FROM INSTRUCTOR   |                                   |                |         |             |  |
| HRMOB 515   | PERF APPRSL & COMP<br>2038 A 3 T  | 1200-210       | BLM 206 | HUBERV      |  |
| ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>EC MKZ 110; OTHERS BY PERM |                                   |                |         |             |  |
| HRMOB 520   | COLLECT BARG<br>2039 A 3 Th       | 940-1150       | BLM 206 | PETERSONR   |  |
| ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>EC MKZ 110; OTHERS BY PERM |                                   |                |         |             |  |
| HRMOB 550   | LEADERSHIP<br>2040 A 3 M          | 1200-210       | BLM 206 | WOODWORTH.R |  |
| ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA ACCTG MAJORS ONLY<br>EC MKZ 110; OTHERS BY PERM |                                   |                |         |             |  |
| HRMOB 560   | NEGOTIATIONS<br>2041 A 3 Th       | 110-310        | BLM 408 | WOODWORTH.R |  |
| ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>GR BA ACCTG MAJORS ONLY<br>EC MKZ 110; OTHERS BY PERM |                                   |                |         |             |  |
| HRMOB 571   | RSRCH REPORTS<br>>2042 A 3        | TO BE ARRANGED |         |             |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>EC MKZ 110   |                                   |                |         |             |  |
| HRMOB 572   | RSRCH REPORTS<br>>2043 A 3        | TO BE ARRANGED |         |             |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>EC MKZ 110   |                                   |                |         |             |  |
| HRMOB 600   | INDEPNT STDY/RSCH<br>>2044 A 1-9  | TO BE ARRANGED |         |             |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110                                  |                                   |                |         |             |  |

## INFORMATION SYSTEMS

|  |                                    |          |         |  |  |
|--|------------------------------------|----------|---------|--|--|
| IS 300   | MGMT INFO SYSTEMS<br>2119 AA 4 TTh | 940-1120 | PAR 213 |  |  |
| F 940-1150 BLM 402   |                                    |          |         |  |  |
| ADD CODE REQUIRED (PD.3)<br>ONLY MAJORS FROM B ADM COLLEGE           |                                    |          |         |  |  |
| 2120   | BA 4 MW                            | 830-1010 | RAI 105 |  |  |
| Th 830-1040 BLM 402  |                                    |          |         |  |  |
| ADD CODE REQUIRED (PD.3)<br>ONLY MAJORS FROM B ADM COLLEGE           |                                    |          |         |  |  |
| IS 320   | DATA STR & FILE SYS<br>2121 A 4 MW | 940-1150 | BLM 414 |  |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) |                                    |          |         |  |  |
| IS 409   | APPL PRGM FOR IS<br>2122 A 4 MW    | 110-320  | BLM 302 |  |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) |                                    |          |         |  |  |

| DEPT<br>SUN<br>SPEC | COURSE<br>SECTION<br>CODE | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
|---------------------|---------------------------|--------------------------|------|-----------|-------|
|---------------------|---------------------------|--------------------------|------|-----------|-------|

|   |                                       |                |         |  |  |
|---|---------------------------------------|----------------|---------|--|--|
| IS 460  | SYS ANALYS & DESIGN I<br>2123 A 4 TTh | 110-320        | BLM 202 |  |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)                                  |                                       |                |         |  |  |
| IS 480  | DATA BASE MGMT<br>2124 A 4 MW         | 940-1150       | BLM 312 |  |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)                                  |                                       |                |         |  |  |
| IS 490  | TOPICS IN INFO SYS<br>2125 A 1-12 TTh | 940-1150       | BLM 308 |  |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)<br>"BUSINESS TELECOMMUNICATIONS" |                                       |                |         |  |  |
| IS 499  | UNDERGRAD RESEARCH<br>>2126 A 1-4     | TO BE ARRANGED |         |  |  |
| INSTRUCTOR ID FROM INSTRUCTOR   |                                       |                |         |  |  |
| IS 571  | RSRCH REPORTS<br>>2127 A 3            | TO BE ARRANGED |         |  |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID, MKZ 110                                       |                                       |                |         |  |  |
| IS 572  | RSRCH REPORTS<br>>2128 A 3            | TO BE ARRANGED |         |  |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID, MKZ 110                                       |                                       |                |         |  |  |
| IS 600  | INDEPNT STDY/RSCH<br>>2129 A 1-9      | TO BE ARRANGED |         |  |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110<br>INDEPENDENT RESEARCH                |                                       |                |         |  |  |

## INTERNATIONAL BUSINESS

|   |                                      |                |         |            |  |
|---|--------------------------------------|----------------|---------|------------|--|
| I BUS 300   | INTL ENVRT BUSNS<br>2110 AA 5 MW     | 940-1150       | BLM 304 | SULLIVAN,J |  |
| F 940-1040 BLM 304 KEH,H  |                                      |                |         |            |  |
| ADD CODE REQUIRED (PD.3)<br>NO FRESHMEN,SOPHMRS (PD.3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1&2)<br>QUIZ MANDATORY |                                      |                |         |            |  |
| 2111  | BA 5 TTh                             | 940-1150       | BLM 304 | SULLIVAN,J |  |
| F 1050-1150 BLM 304 KEH,H   |                                      |                |         |            |  |
| ADD CODE REQUIRED (PD.3)<br>NO FRESHMEN,SOPHMRS (PD.3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1&2)<br>QUIZ MANDATORY |                                      |                |         |            |  |
| I BUS 340   | INDUSTRL COUNTRIES<br>2112 A 4 MW    | 940-1150       | BLM 212 | GLASSMAN,D |  |
| FRESHMEN,SOPHMRS ONLY (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)  |                                      |                |         |            |  |
| I BUS 470   | MGMT INTL TRADE CPNS<br>2113 A 4 TTh | 940-1150       | BLM 306 | RALSTON,J  |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)  |                                      |                |         |            |  |
| I BUS 499   | UNDERGRAD RESEARCH<br>>2114 A 3      | TO BE ARRANGED |         |            |  |
| INSTRUCTOR ID FROM INSTRUCTOR   |                                      |                |         |            |  |
| I BUS 550   | INTL BUS ENVIRON<br>2115 A 3 TTh     | 110-320        | BLM 414 | RALSTON    |  |
| ADD CODE REQUIRED (PD.3)<br>GRADS ONLY (PD.1&2)<br>GR BA ACCTG MAJORS ONLY (PD.1&2)                                 |                                      |                |         |            |  |
| I BUS 571   | RSRCH REPORTS<br>>2116 A 3           | TO BE ARRANGED |         |            |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>EC MKZ 110   |                                      |                |         |            |  |
| I BUS 572   | RSRCH REPORTS<br>>2117 A 3           | TO BE ARRANGED |         |            |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>EC MKZ 110   |                                      |                |         |            |  |
| I BUS 600   | INDEPNT STDY/RSCH<br>>2118 A 1-9     | TO BE ARRANGED |         |            |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110  |                                      |                |         |            |  |

## MARKETING

|   |                                      |                |         |                      |  |
|---|--------------------------------------|----------------|---------|----------------------|--|
| MKTG 301  | MARKETING CONCEPTS<br>2405 AA 4 MW   | 1200-210       | BLM 304 | GALBRAITHS<br>KULIKR |  |
| F 1200-100 BLM 304  |                                      |                |         |                      |  |
| NO FRESHMEN,SOPHMRS (PD.3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1&2)<br>QUIZ MANDATORY   |                                      |                |         |                      |  |
| 2406  | BA 4 TTh                             | 1200-210       | BLM 304 | GALBRAITHS<br>KULIKR |  |
| F 110-210 BLM 304   |                                      |                |         |                      |  |
| NO FRESHMEN,SOPHMRS (PD.3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1&2)<br>QUIZ MANDATORY   |                                      |                |         |                      |  |
| MKTG 330  | SALES FORCE MGMT<br>2407 A 4 TTh     | 940-1150       | BLM 312 | MALLER,C             |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)  |                                      |                |         |                      |  |
| MKTG 340  | ADVERTISING<br>2408 A 4 TTh          | 110-320        | BLM 204 | SEVERN,J             |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)  |                                      |                |         |                      |  |
| MKTG 480  | MARKETING RESEARCH<br>2409 A 4 MW    | 940-1150       | BLM 416 | YALCH,R              |  |
| NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1)  |                                      |                |         |                      |  |
| MKTG 490  | SPEC TOPICS & ISS MKTG<br>2410 A 4 T | 830-1040       | RAI 109 | JACOBSON,R           |  |
| OFFERED JOINTLY WITH MKTG 555 A<br>ADD CODE REQUIRED (PD.3)<br>NO FRESHMEN,SOPHMRS (PD2&3)<br>ONLY MAJORS FROM B ADM COLLEGE (PD.1) |                                      |                |         |                      |  |
| MKTG 499  | UNDERGRAD RESEARCH<br>>2411 A 3      | TO BE ARRANGED |         |                      |  |
| INSTRUCTOR ID FROM INSTRUCTOR   |                                      |                |         |                      |  |
| MKTG 555  | ENTREP MKTG & MGMT<br>2412 A 4 T     | 830-1040       | RAI 109 | JACOBSON,R           |  |
| OFFERED JOINTLY WITH B POL 555 A<br>ADD CODE REQUIRED (PD.3)<br>GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY (PD.1&2)                      |                                      |                |         |                      |  |
| MKTG 571  | RSRCH REPORTS<br>>2413 A 3           | TO BE ARRANGED |         |                      |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110  |                                      |                |         |                      |  |
| MKTG 572  | RSRCH REPORTS<br>>2414 A 3           | TO BE ARRANGED |         |                      |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110  |                                      |                |         |                      |  |
| MKTG 590  | SPEC TOPICS IN MKTG<br>2415 A 3 TTh  | 1050-100       | SNI 109 |                      |  |
| OFFERED JOINTLY WITH IND E 599 A<br>ADD CODE REQUIRED (PD.3)<br>GRADS ONLY (PD.1&2)<br>ACCTG,GR BA MAJORS ONLY (PD.1&2)             |                                      |                |         |                      |  |
| MKTG 600  | INDEPNT STDY/RSCH<br>>2415 A 1-9     | TO BE ARRANGED |         |                      |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110  |                                      |                |         |                      |  |

## OPERATIONS MANAGEMENT

|  |                                 |                |         |  |  |
|--|---------------------------------|----------------|---------|--|--|
| OPMGT 301  | PRIN OPER MGT<br>2578 A 3 MW    | 940-1150       | BLM 408 |  |  |
| ONLY MAJORS FROM B ADM COLLEGE                                 |                                 |                |         |  |  |
| 2579   | B 3 MW                          | 110-320        | BLM 204 |  |  |
| ONLY MAJORS FROM B ADM COLLEGE                                 |                                 |                |         |  |  |
| OPMGT 499  | UNDERGRAD RESEARCH<br>>2580 A 3 | TO BE ARRANGED |         |  |  |
| INSTRUCTOR ID FROM INSTRUCTOR                                  |                                 |                |         |  |  |
| OPMGT 571  | RSRCH REPORTS<br>>2581 A 3      | TO BE ARRANGED |         |  |  |
| GRADS ONLY<br>ACCTG,GR BA MAJORS ONLY<br>INSTRUCTOR ID MKZ 110 |                                 |                |         |  |  |

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

**OPERATIONS MANAGEMENT (cont.)**

OPMGT 572 RSRCR REPORTS  
> 2582 A 3 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

OPMGT 600 INDEPNNT STDY/RSCH  
> 2583 A 1-9 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

**ORGANIZATION AND ENVIRONMENT**

OE 200 INTRODUCTION TO LAW  
2564 A 5 MTWTF 1050-1150 CON 109  
OFFERED JOINTLY WITH LAW 300 A  
NO FRESHMEN  
FULL TERM 5 CREDIT COURSE

OE 302 ORG & ENVIRONMENT  
2565 A 4 MW 940-1150 PAR 212  
ONLY MAJORS FROM B ADM COLLEGE  
2566 B 4 TH 220-420 BLM 312  
ONLY MAJORS FROM B ADM COLLEGE  
2567 U 4 TH 500-700P BLM 416  
ONLY MAJORS FROM B ADM COLLEGE

OE 403 COMMERCIAL LAW  
2568 A 5 MWF 1200-130 BLM 314  
NO FRESHMEN,SOPHMS (PD.3)  
ONLY MAJORS FROM B ADM COLLEGE (PD.1&2)

OE 440 ORG STRUCTURE  
2569 A 3 TH 800-930 BLM 302  
ONLY MAJORS FROM B ADM COLLEGE  
2570 B 3 TH 1200-130 BLM 302  
ONLY MAJORS FROM B ADM COLLEGE

OE 499 UNDERGRAD RESEARCH  
> 2571 A 3 TO BE ARRANGED  
INSTRUCTOR ID FROM INSTRUCTOR

OE 571 RESEARCH REPORTS  
> 2572 A 3 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

OE 572 RESEARCH REPORTS  
> 2573 A 3 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

OE 600 INDEPNNT STDY/RSCH  
> 2574 A 1-9 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

**QUANTITATIVE METHODS**

QMETH 201 STATISTICAL ANLYS  
2970 AA 4 MW 940-1040 EEB 316  
TTb 940-1040 BLM 212  
NO FRESHMEN  
2971 BA 4 MW 1050-1150 EEB 316  
TTb 1050-1150 BLM 212  
NO FRESHMEN

QMETH 300 QUANTITATIVE ANLYS  
2972 A 4 TTb 110-320 BLM 416  
NO FRESHMEN,SOPHMS (PD.2&3)  
ONLY MAJORS FROM B ADM COLLEGE (PD.1)

QMETH 499 UNDERGRAD RESEARCH  
> 2973 A 3 TO BE ARRANGED  
INSTRUCTOR ID FROM INSTRUCTOR

QMETH 520 STAT APPL LIN MGD  
2974 A 4 MW 940-1150 BLM 306 TAKURAJ  
ADD CODE REQUIRED (PD.3)  
GRADS ONLY  
GR BAACCTG MAJORS ONLY  
EC MKZ 110; OTHERS BY PERM

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

QMETH 530 STOCH,SERIES&FOREC  
2975 A 4 MW 1200-210 BLM 306 CHAJJ  
ADD CODE REQUIRED (PD.3)  
GRADS ONLY  
GR BAACCTG MAJORS ONLY  
EC MKZ 110; OTHERS BY PERM

QMETH 571 RSRCR REPORTS  
> 2976 A 3 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

QMETH 572 RSRCR REPORTS  
> 2977 A 3 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

QMETH 600 INDEPNNT STDY/RSCH  
> 2978 A 1-9 TO BE ARRANGED  
GRADS ONLY  
ACCTG,GR BA MAJORS ONLY  
INSTRUCTOR ID MKZ 110

**SCHOOL OF DENTISTRY**

**DENTAL HYGIENE**

D HYG 404 FIELD EXP ORAL HLTH  
> 1503 A 2 TO BE ARRANGED  
DROP CODE REQUIRED  
NO FRESHMEN,SOPHMS,UNIORS  
EC/DC HSD D583  
REFUGEE/FSR; LBMT 1 STANT/SESSION  
(8:00-12:00 OR 1:00-5:00); PERM OF INSTR

> 1504 B 2 TO BE ARRANGED  
DROP CODE REQUIRED  
EC/DC HSD D583  
HEALTH DEPT; PERM OF INSTR

> 1505 C 2 M 800-1200 SPADAFORAJ  
DROP CODE REQUIRED  
EC/DC HSD D583 OR CALL 543-5820  
POSS HOME; PERM OF INSTR

> 1506 D 2 TO BE ARRANGED  
DROP CODE REQUIRED  
EC/DC HSD D583  
HARBORVIEW; LBMT 1 STUDENT/SESSION

D HYG 497 DIR STDY GH PROFS  
> 1507 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
EC/DC HSD D583 OR CALL 543-5820  
PERM OF INSTR

> 1508 B VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
EC/DC HSD D583 OR CALL 543-5820  
PERM OF INSTR

> 1509 C VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
EC/DC HSD D583 OR CALL 543-5820  
PERM OF INSTR

D HYG 595 EDUC INTERNSHIP  
> 1510 A 1-12 TO BE ARRANGED  
DROP CODE REQUIRED  
EC/DC HSD D583 OR CALL 543-5820  
PREREQ: D HYG 494 OR MEDED 520 AND  
PERM OF INSTR

> 1511 C 1-12 TO BE ARRANGED  
DROP CODE REQUIRED  
EC/DC HSD D583 OR CALL 543-5820  
PREREQ: D HYG 494 OR MEDED 520 AND  
PERM OF INSTR

**DENTAL PUBLIC HEALTH SCIENCES**

ENTRY CODES ARE AVAILABLE IN HSD D323  
DPHS 449 DIR STDYS IN DPHS  
> 1524 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

DPHS 550P P-DIR STDYS DPHS  
> 1525 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

> 1526 B VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
PERSONAL COMPUTING APPLICATIONS  
7/5 - 8/11  
> 1527 C VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
CLEANSHIP HEALTH POLICY

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

1528 D VAR MWF 1230-130 HST 1474A WEINSTEIN.P  
CREDIT/NO CREDIT ONLY  
BEHAVIORAL DENTAL RESEARCH  
7/6 - 8/12

> 1529 E VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
ORAL MOTOR BEHAVIOR

1530 F 14 MWF 800-930 HST T531 DE ROUENT  
CREDIT/NO CREDIT ONLY  
BIOSTATISTICS; 7/6 - 8/12

1531 G 12 TH 800-915 HSR RR134 DE ROUENT  
CREDIT/NO CREDIT ONLY  
EPIDEMIOLOGY; 7/5 - 8/11

> 1532 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN PUBLIC  
HEALTH DENTISTRY; (SURF PROGRAM)

DPHS 640P P-4FEARFUL PHOBIC  
1533 A 1 TO BE ARRANGED  
GETZ,T  
RSET,L  
MILGROM,P

DPHS 660 DENTAL FEAR CLINIC  
> 1534 A 2 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

**DENTISTRY**

ENTRY CODES ARE AVAILABLE IN HSD D323

DENT 520 CLIN PRACT MGMT 1  
1517 A 1 TO BE ARRANGED  
CHASTEEN,J

DENT 550P P-SPEC STUDIES DENT  
1518 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

> 1519 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN DENTISTRY  
(SURF PROGRAM)

> 1520 S 1 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
RESEARCH METHODS SEMINAR

DENT 554P P-CLIN PRACT MGMT 2  
1521 A 1 TO BE ARRANGED  
CHASTEEN,J

DENT 565 DENTAL PHOTOGRAPHY  
1522 A 2 TO BE ARRANGED  
CLARK,J

DENT 700 MASTERS THESIS  
> 1523 A VAR TO BE ARRANGED

**ENDODONTICS**

ENTRY CODES ARE AVAILABLE IN HSD D323

ENDO 550P P-DIR STDYS ENDO  
> 1704 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

> 1705 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN ENDODONTICS  
(SURF PROGRAM)

ENDO 583 ENDODONTIC SEMINAR  
1706 A 2 TO BE ARRANGED  
STERWER,J

ENDO 587 ENDODONTIC SEMINAR  
1707 A 2 TO BE ARRANGED  
STERWER,J

ENDO 590 TREATMNT PLANN SMNR  
1708 A 2 TO BE ARRANGED  
HARRINGTON,G  
NATKALE  
PITTS,D  
STEINER,J

ENDO 593 CLIN PRACTICE TEACH  
> 1709 A 1 TO BE ARRANGED

ENDO 600 INDEPNNT STDY/RSCH  
> 1710 A 1-9 TO BE ARRANGED

ENDO 630P P-CLINICAL ENDONTICS  
1711 A 1 TO BE ARRANGED  
HARRINGTON,G  
NATKALE  
PITTS,D  
BERGER,R  
SWIFT,M  
BOGAERT,R

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS  
SPEC CODE

**ENDODONTICS (cont.)**

ENDO 660 CLINICAL ENDODONTICS  
>1712 A 4 TO BE ARRANGED

**ORAL BIOLOGY**

ENTRY CODES ARE AVAILABLE IN HSD D323

ORALB 449 UNDERGRAD RESEARCH  
>2584 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

ORALB 550P P-DIR STDYS ORALB  
>2585 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

>2586 B 2 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
ADVANCED ORAL PATHOLOGY

>2587 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN ORAL BIOLOGY  
(SURF PROGRAM)

ORALB 565 CLIN ORAL PATHOLOGY  
2588 A 1-3 TO BE ARRANGED

ORALB 566 SURG ORAL PATHOLOGY  
2589 A 2-4 TO BE ARRANGED

ORALB 570 SEMINAR ORAL PATH  
2590 A 1-3 TO BE ARRANGED

ORALB 578 RESEARCH TECHNIQUES  
>2591 A 2-4 TO BE ARRANGED

ORALB 600 INDEPNONT STDY/RSCH  
>2592 A VAR TO BE ARRANGED

ORALB 700 MASTERS THESIS  
>2593 A VAR TO BE ARRANGED

ORALB 800 DOCTORAL DISSERTATN  
>2594 A VAR TO BE ARRANGED

**ORAL MEDICINE**

ENTRY CODES ARE AVAILABLE IN HSD D323

ORALM 404 DECOD AUX DIDACTIC  
2595 A VAR TO BE ARRANGED  
BY PERM ONLY

ORALM 449 DIR STDY GDTP  
>2596 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

ORALM 460 DECOD AUX CLINIC  
2597 A VAR TO BE ARRANGED  
PREREQ: 404, BY PERM ONLY

ORALM 520P P-ORAL RADIOLOGY  
2598 A 2 MT 700-850  
Th 800-850 HST T733 HOLLENDERL  
RUMBERG,H

ORALM 525P P-O M H D  
2599 A 5 W 900-1150 HST T733 STIEFELD  
RUMBERG,H  
F 800-950 HST T733

ORALM 550P P-DIR STDYS IN O D  
>2600 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
>2601 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN ORAL MEDICINE  
(SURF PROGRAM)

ORALM 564 ADV DECOD DIDACTIC  
2602 A VAR TO BE ARRANGED  
DECOD I, PERM OF INSTR

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS

ORALM 565 ORAL M CLIN CONF  
2603 A VAR W 730-820  
SOMMERS,E  
TRUELOVE,E  
SCHUBERT,M  
HOLLENDERL

ORALM 576 ORAL MED LIT REVIEW  
2604 A 1 W 830-920  
TRUELOVE,E  
SOMMERS,E  
HOLLENDERL  
LE RESCHEL

ORALM 580 CONCEPTS ORAL RAD  
2605 A 2 W 1000-1120  
CREDIT/NO CREDIT ONLY  
6/22-8/17  
HOLLENDERL

ORALM 584 DECOD FIELD PRACT  
2606 A VAR TO BE ARRANGED  
DECOD CL, PREREQ: 404 OR 564 OR  
PERM OF INSTR  
STIEFELD

ORALM 600 INDEPNONT STDY/RSCH  
2607 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

ORALM 620P P-INTRO ORALM CLINIC  
2608 A 1 TO BE ARRANGED

ORALM 630P P-ORAL MED CLINIC  
2609 A 2 TO BE ARRANGED

ORALM 650P P-ORAL CLIN ELECT  
2610 A 3 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
CLINICAL ORAL MEDICINE

2611 C VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DENT CARE FOR HOMELESS

2612 D 1 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
CEREBRAL PALSY, PERM OF INSTR

ORALM 660 ROTAT IN MED DISCIP  
2613 A 1-4 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

ORALM 665 INTRO ED METH DENT  
2614 A 2 Th 930-1150  
TERM B  
MC CREERY,A

ORALM 664 ADV DECOD CLINICAL  
2615 A VAR TO BE ARRANGED  
DECOD II, PREREQ: 564 OR PERM OF  
INSTR  
STIEFELD

ORALM 665 ORAL M CLINIC  
2616 A VAR TO BE ARRANGED  
TRUELOVE,E

ORALM 670 CLIN ORALM TEACH  
2617 A 1-4 TO BE ARRANGED  
SOMMERS,E

**ORAL SURGERY**

ENTRY CODES ARE AVAILABLE IN HSD D323

O S 550P P-DIR STDYS IN O S  
>2546 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED STDYS

>2547 D 4 TO BE ARRANGED  
H CREDIT/NO CREDIT ONLY  
LEDS ROTATION

>2548 R 6 TO BE ARRANGED  
H CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN ORAL & MAX  
SURGERY; (SURF PROGRAM)

O S 630P P-O S CLINIC  
2549 A 1 TO BE ARRANGED

O S 651P P-HARBORVIEW ROTAT  
2550 A 10 TO BE ARRANGED  
H CREDIT/NO CREDIT ONLY  
HARBORVIEW

O S 652P P-TEXAS ROTATION  
2551 B 10 TO BE ARRANGED  
H CREDIT/NO CREDIT ONLY  
SMITH HOSP TEXAS

WORTHINGTON,

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SLN SECTION CRD DAY COMMENTS

**ORTHODONTICS**

ENTRY CODES ARE AVAILABLE IN HSD D323

ORTHO 449 DIR STDYS IN ORTHO  
>2618 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

ORTHO 522P P-ADJUNCTIVE ORTHO  
2619 AA 2 T 900-950 HST T747 ARTUN,J  
1000-120

ORTHO 550P P-DIR STDYS ORTHO  
>2620 A 1-2 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INDEPENDENT RESEARCH  
IN ORTHODONTICS

>2621 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN  
ORTHODONTICS (SURF PROGRAM)

ORTHO 560 ORTHO SEMINAR  
2622 A 1-5 MWTF 800-930  
SHAPROF

ORTHO 562 ORTHO THEORY  
2623 A 2 T 830-1000  
LITTLER

ORTHO 570 ROENTGENR CEPHLMTRY  
2624 A 2 Th 100-300  
LITTLER

ORTHO 580 OROFACIAL BIOLOGY  
2625 A VAR F 130-430  
HERRING,S

ORTHO 582 ADULT ORTHO SEM  
2626 A 2 W 130-230  
NE,J  
MOORE,J  
ARTUN,J

ORTHO 585 SURG ORTHO  
2627 A 3 T 800-1200  
JOONDEPHD  
RIDLER,B

ORTHO 597 PRECLINIC TECHNIQUE  
2628 A VAR H 130-330  
WEED,D

ORTHO 600 INDEPNONT STDY/RSCH  
>2629 A VAR TO BE ARRANGED

ORTHO 660P P-CLINICAL ORTHO  
2630 A 1-6 MWTF 930-1200  
SHAPROF

ORTHO 682 ADULT ORTHO CLINIC  
2631 A 1 W 230-430  
NE,J  
MOORE,J  
ARTUN,J

**PEDODONTICS**

ENTRY CODES ARE AVAILABLE IN HSD D323

PEDO 520P P-PEDIATRIC DENT  
2690 A 4 Th 900-1050 HSD D209  
Th 1100-1250  
F 1000-1150

PEDO 550P P-DIR STDYS PEDO  
>2691 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

>2692 R 6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
DIRECTED RESEARCH IN PEDIATRIC  
DENTISTRY; (SURF PROGRAM)

PEDO 630P P-CLINICAL PEDO  
2693 A 1 TO BE ARRANGED  
PETERSON,D

PEDO 650P P-PEDO EXTRAMURALS  
2694 A 2 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
YAKIMA VALLEY FARM WORKERS CLINIC

>2695 B 3 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
HOSPITAL PEDIATRIC DENTAL  
EXPERIENCE

## Summer Quarter Time Schedule

| DEPT SLN SPEC CODE                    | COURSE SECTION CRD                        | TITLE DAY COMMENTS | TIME    | BLDG ROOM | INSTR              |
|---------------------------------------|---|--------------------|---------|-----------|--------------------|
| <b>PERIODONTICS</b>                   |   |                    |         |           |                    |
| ENTRY CODES ARE AVAILABLE IN HSD D323 |   |                    |         |           |                    |
| PERIO 449<br>> 2701 A                 | DIR STDYS IN PERIO<br>VAR TO BE ARRANGED  |                    |         |           |                    |
| PERIO 527P<br>2702 A                  | P-INTRO TO PERIO<br>1 W                   |                    | 800-850 | HST 7733  | JOHNSON,B          |
| PERIO 530P<br>> 2703 A                | P-DIR STDYS PERIO<br>VAR TO BE ARRANGED   |                    |         |           |                    |
| PERIO 530P<br>> 2704 R                | P-DIR STDYS PERIO<br>6 TO BE ARRANGED     |                    |         |           |                    |
| PERIO 577<br>2705 A                   | REVIEW OF LIT<br>2 T                      |                    | 130-330 | HST 7635  | JOHNSON,B<br>BAARD |
| PERIO 582<br>> 2706 A                 | TREATMNT PLANN SMNR<br>1 Th               |                    | 830-920 | HST 7635  |                    |
| PERIO 585<br>2707 A                   | PERIO THERAPY SMNR<br>1 T                 |                    | 830-920 | HST 7635  | SELPSKY,H          |
| PERIO 600<br>> 2708 A                 | INDEPNT STDY/RSCH<br>VAR TO BE ARRANGED   |                    |         |           |                    |
| PERIO 620P<br>2709 A                  | P-INTRO CLIN PERIO<br>1 TO BE ARRANGED    |                    |         |           |                    |
| PERIO 632P<br>> 2710 A                | P-PERIO CLINIC<br>1 TO BE ARRANGED        |                    |         |           |                    |
| PERIO 659P<br>2711 A                  | P-PERIO EXT LEARN<br>VAR TO BE ARRANGED   |                    |         |           |                    |
| PERIO 660<br>2712 A                   | CLIN PERIODONTICS<br>2-6 TO BE ARRANGED   |                    |         |           |                    |
| PERIO 663<br>2713 A                   | PRE-PROS CLIN PERIO<br>VAR TO BE ARRANGED |                    |         |           | YUDELIS,R          |

### PROSTHODONTICS

|                                       |  |  |  |  |  |
|---------------------------------------|--|--|--|--|--|
| ENTRY CODES ARE AVAILABLE IN HSD D323 |  |  |  |  |  |
| PROS 530P<br>> 2867 A                 | P-DIR STDYS PROS<br>VAR TO BE ARRANGED |  |  |  |  |
| PROS 530P<br>> 2868 R                 | P-DIR STDYS PROS<br>6 TO BE ARRANGED   |  |  |  |  |
| PROS 563<br>2869 A                    | MAXILLO PROS I<br>1 TO BE ARRANGED     |  |  |  | RUBENSTEIN,J   |
| PROS 571<br>2870 A                    | REVIEW OF LIT<br>1 TO BE ARRANGED      |  |  |  |  |
| PROS 574<br>2871 A                    | PROS VISUAL AIDS<br>1 TO BE ARRANGED   |  |  |  | BOLENDER,C   |
| PROS 630P<br>2872 A                   | P-CLINICAL PROS<br>1 TO BE ARRANGED    |  |  |  |  |
| PROS 659P<br>2873 A                   | P-PROS EXT LEARN<br>VAR TO BE ARRANGED |  |  |  | RUBENSTEIN,J<br>TOOLSON,L<br>LOWE,R<br>FAKEM<br>BOLENDER,C |
| PROS 660<br>2874 A                    | CLINICAL PROS<br>2 TO BE ARRANGED      |  |  |  | BOLENDER,C   |

| DEPT SLN SPEC CODE                    | COURSE SECTION CRD                        | TITLE DAY COMMENTS | TIME      | BLDG ROOM | INSTR                                      |
|---------------------------------------|---|--------------------|-----------|-----------|--|
| <b>RESTORATIVE DENTISTRY</b>          |   |                    |           |           |  |
| ENTRY CODES ARE AVAILABLE IN HSD D323 |   |                    |           |           |  |
| RES D 449<br>> 3025 A                 | DIR STDYS IN RES D<br>VAR TO BE ARRANGED  |                    |           |           |  |
| RES D 529P<br>3026 AA                 | P-INTRO OPER DENT<br>2 M                  |                    | 900-1030  | HST 7733  | POWELL,J<br>JAFRA,<br>CARLSON,E<br>SAGAR,H |
| RES D 530P<br>> 3027 R                | P-DIR STDYS IN RES D<br>6 TO BE ARRANGED  |                    | 1030-1150 |           |  |
| RES D 589<br>3028 A                   | REV LIT OCCLUSION<br>2 Th                 |                    | 100-500   | HSD D751  | TOWNSEND,J                                 |
| RES D 590<br>3029 A                   | FIXED PROS<br>2 TO BE ARRANGED            |                    |           |           | KOS,J<br>YUDELIS,R<br>TOWNSEND,J           |
| RES D 600<br>> 3030 A                 | INDEPNT STDY/RSCH<br>VAR TO BE ARRANGED   |                    |           |           |  |
| RES D 620P<br>3031 A                  | P-INTRO RESD CLINIC<br>1 TO BE ARRANGED   |                    |           |           | GORDON,G                                   |
| RES D 659P<br>3032 A                  | P-RES D EXT LEARN<br>VAR TO BE ARRANGED   |                    |           |           | GORDON,G<br>LEIMAN,W<br>ANDERSON,J         |
| RES D 660<br>3033 A                   | ORAL REHABILITATION<br>2-6 TO BE ARRANGED |                    |           |           | YUDELIS,R<br>SMALLEY,W<br>SMITH,D          |

## COLLEGE OF EDUCATION

### EDUCATIONAL CURRICULUM & INSTRUCTION

|                     |   |  |           |         |              |
|---------------------|---|--|-----------|---------|--------------|
| EDCAJ 424<br>1599 A | MULTI ETHNIC C & I<br>3 MTWTF               |  | 110-430   | MLR 104 | GAY,G        |
| EDCAJ 425<br>1600 A | INSTR STRAT MIN STU<br>3 MTWTF              |  | 830-930   | MLR 104 | VASQUEZ,J    |
| EDCAJ 425<br>1601 B | LANG VARIABLES OF MINORITY YOUTH<br>3 MTWTF |  | 940-1040  | MLR 104 | VASQUEZ,J    |
| EDCAJ 494<br>1602 A | INTRO COMPUTERS CLA<br>3 TTh                |  | 110-430   | MLR 424 | BAKER,L      |
| EDCAJ 437<br>1603 A | COMPUTER APLCN PKGS<br>3 TTh                |  | 110-430   | MLR 424 | BAKER,L      |
| EDCAJ 453<br>1604 A | TCH BIL/BICUL ST<br>3 MTWTF                 |  | 1050-1150 | MLR 112 | VASQUEZ,J    |
| EDCAJ 454<br>1605 A | COOP LEARNING<br>3 MTWTF                    |  | 110-430   | MLR 316 | ROMERDAHL,N  |
| EDCAJ 455<br>1606 A | LANG ARTS-ELEM SCH<br>3 MTWTF               |  | 1200-100  | MLR 216 | SCHAEFER,C   |
| EDCAJ 456<br>1607 A | WRKSH-P LANG ARTS<br>3 MTWTF                |  | 110-410   | MLR 112 | HANSEN-KREIN |

|                       |   |         |           |         |                       |
|-----------------------|---|---------|-----------|---------|-----------------------|
| 1608 B                | TERM B<br>ESL RDNG  | 3 MTWTF | 1200-100  | MLR 104 | OKEEFE,               |
| EDCAJ 457<br>1609 A   | TEACHING ESL<br>3 MTWTF   |         | 940-1040  | MLR 411 | MESSINGER,P           |
| EDCAJ 459<br>1610 A   | WRKSH IMPRVY READING<br>3 MTWTF   |         | 110-410   | MLR 112 | HANSEN-KREIN          |
| 1611 B                | ADULT ED LIT BY AUTH OF COLOR<br>3 MTWTF  |         | 130-430   | PSC *   | COOPER,D<br>OLSTAD,R  |
| EDCAJ 462<br>> 1612 A | RDNG IN SECND SCH<br>3 MTWTF  |         | 1200-100  | MLR 112 | GARBER,M              |
| EDCAJ 465<br>1613 A   | 60C STDYS EDUC-ELEM<br>3 MW   |         | 1200-210  | SMI 107 | KALTSOUNS,T           |
| EDCAJ 470<br>1614 A   | SCI ED-ELEM PROG&PR<br>3 MTWTF  |         | 940-1040  | MLR 212 | SMITH,J               |
| EDCAJ 471<br>1615 A   | SCI ED-SEC PROG&PR<br>3 MTWTF   |         | 1050-1150 | MLR 212 | SMITH,J               |
| EDCAJ 472<br>1616 A   | ENVIRON ED TEACHERS<br>3 MTWTF  |         | 1050-100  | MLR 212 | SMITH,J               |
| EDCAJ 473<br>1617 A   | WRKSH-P-SCIENCE<br>3 MTWTF  |         | 130-430   | PSC *   | OLSTAD,R<br>HALLMAN,D |
| 1618 B                | CREDIT/NO CREDIT ONLY<br>PACIFIC SCIENCE CTR;<br>ENVIRONMENTAL SCIENCE IN<br>URBAN SETTING; 7/5 - 7/15<br>3 MTWTF                               |         | 130-430   | PSC *   | OLSTAD,R<br>COOPER,D  |
| 1619 C                | CREDIT/NO CREDIT ONLY<br>CHILDREN'S LIT & SCIENCE<br>PACIFIC SCIENCE CNTR; 7/25-8/5<br>3 MTWTF  |         | 130-430   | PSC *   | OLSTAD,R<br>COOPER,D  |
| 1619 H                | CREDIT/NO CREDIT ONLY<br>OFFERED JOINTLY WITH EDCAJ 459 B<br>PACIFIC SCIENCE CNTR; 8/8 - 8/19<br>WRKSH-P-SCIENCE CHILDRENS LIT & SCI<br>3 MTWTF |         | 130-430   | PSC *   | OLSTAD,R<br>COOPER,D  |
| EDCAJ 474<br>1620 A   | MULTI-ETHNIC STDYS<br>3 MTWTF   |         | 830-930   | SMI 107 | HILLIS,M              |
| EDCAJ 475<br>1621 A   | IMPR TCH-EL SC MATH<br>3 MTWTF  |         | 830-930   | MLR 212 |                       |
| EDCAJ 479<br>1622 A   | SPC TPCS MATH-TCHRS<br>2-9 MTWTF  |         | 220-320   | MLR 316 | BEAL,J                |
| EDCAJ 480<br>1623 A   | INTRO ED TECH<br>3 MW   |         | 110-430   | MLR 411 | SOLOMON,C             |
| EDCAJ 485<br>> 1624 A | WKSP INST IMP E COM<br>3 MW   |         | 110-430   | MLR 424 | KAROVSKY,P            |
| EDCAJ 494<br>> 1625 A | WRKSH IMPRVY CURRIC<br>4 TO BE ARRANGED   |         |           |         | KALTSOUNS,T           |
| > 1626 B              | CREDIT/NO CREDIT ONLY<br>EC MLR 115<br>JAPAN INSTIT FOR SOCIAL & ECON AFF<br>3 MTWTF  |         | 720-820   | MLR 212 | BEAL,J                |
| 1627 C                | CREDIT/NO CREDIT ONLY<br>ALTER ASSESS<br>3 MTWTF  |         | 110-430   | MLR 112 | OVANDQ,C              |
| EDCAJ 495<br>1628 A   | IMPRVMTN OF TEACHNG<br>3 MTWTF  |         | 830-930   | MLR 112 | GEHRKEN               |
| 1629 B                | CREDIT/NO CREDIT ONLY<br>ESL MATERIALS<br>3 MTWTF   |         | 830-930   | MLR 104 | OKEEFE,C              |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

# University of Washington

| DEPT<br>SUN<br>SPEC CODE                                | COURSE<br>SECTION<br>CRD<br>DAY<br>COMMENTS | TITLE<br>TIME   | BLDG ROOM | INSTR    | DEPT<br>SUN<br>SPEC CODE | COURSE<br>SECTION<br>CRD<br>DAY<br>COMMENTS | TITLE<br>TIME  | BLDG ROOM | INSTR    | DEPT<br>SUN<br>SPEC CODE | COURSE<br>SECTION<br>CRD<br>DAY<br>COMMENTS   | TITLE<br>TIME   | BLDG ROOM  | INSTR   |   |   |
|---|---|---|-----------|----------|--------------------------|---|--|-----------|----------|--------------------------|---|---|------------|---|---|---|
| <b>EDUCATIONAL CURRICULUM &amp; INSTRUCTION (cont.)</b> |   |   |           |          | <b>EDUCATION</b>         |   |  |           |          |                          |   |   |            |   |   |   |
| EDCAJ 496   | 1630 A 3 MTWTF                              | WKSHIP INSTRCTN IMPR<br>TERM B<br>8/8-8/19  | 110-430   | MLR 212  | MUKHOPADHYAY             | EDUC 401                                    | PRACT COMM SERV ACT<br>> 1699 A 3-18 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC MLR 211   |           | OLSTAD,R | > 1673 D 1 MWF           | 150-350   | MLR 402T  | NELSON,M   | TERM B<br>CREDIT/NO CREDIT ONLY<br>EC MLR 402<br>7/21-8/19<br>CONCUR REG IN 566C REQ<br>CONTINUING COUNSELING CERTIFICATION |   |   |
| EDCAJ 497   | 1631 A 3 MTWTF                              | DEAL DISRUPT STUDNT<br>TERM A<br>CREDIT/NO CREDIT ONLY<br>7/5-7/18<br>MIDDLE SCHOOL MGMT  | 110-430   | SAV 335  | HEKRY,P                  | EDUC 423                                    | EDUC DIVERSE GROUPS<br>> 1700 A 3 MTWTF  | 1040-1140 | MLR 104  | BARNETT,E                | > 1674 E 1 T  | 230-420   | MLR 402T   | WHITAKER,D  | CREDIT/NO CREDIT ONLY<br>EC MLR 402<br>PEER REVIEW AND CONTINUING<br>CERTIFICATION  |   |
| EDCAJ 499   | > 1632 A 2-5                                | UNDERGRAD RESEARCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 122                    |           |          |                          | EDUC 501                                    | ADV PRACT COMM ACT<br>> 1701 A 3-18 TO BE ARRANGED<br>TERM B<br>CREDIT/NO CREDIT ONLY<br>EC MLR 211  |           | OLSTAD,R | EDPSY 571                | NEUROPSY INTERVEN<br>> 1675 A 5 MW  | 830-1110  | MLR 402P   | SEMRUD,CLKE   | EC MLR 402  |   |
| EDCAJ 500   | > 1633 A 3/6                                | FIELD STUDY<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 122                           |           |          |                          | EDUC 700                                    | MASTERS THESIS<br>> 1702 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 206,543-7833<br>OPEN ONLY TO MASTER'S DEGREE STUDTS<br>PERM OF FACULTY SUPERVISOR AND<br>GRAD PROGRAM COORDINATOR<br>CR/NC ONLY  |           |          | EDPSY 581                | SMNR EDUC PSYCH<br>> 1676 B 3 MTWTF   | 830-1120  | MLR 402T   | BASHEY,H  | TERM B<br>CREDIT/NO CREDIT ONLY<br>EC MLR 312<br>"WORKING WITH THE MULTICULTURAL<br>CHILD, FAMILY, AND SCHOOL"  |   |
| EDCAJ 505   | > 1634 A 3 MTWTF                            | SEM IN CURR & INSTR<br>TERM A<br>6/20-7/1; YOUTH CULTURE,<br>DEVELOP & EDUC<br>EC MLR 122 | 110-430   | MLR 104  | BRUCE-HEATH              | EDUC 800                                    | DOCTORAL DISSERTATN<br>> 1703 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 206,543-7833<br>OPEN ONLY TO DOCTORAL DEGREE STUDTS<br>PERM OF SUPERVISORY COMMITTEE CHAIR<br>& GR PROG COORD<br>CR/NC ONLY |           |          | EDPSY 584                | SEM IN QUAN METH<br>> 1677 A 3 TTh  | 1050-1220   | MLR 411    | TAYLOR,C  | CREDIT/NO CREDIT ONLY<br>"DEVELOPING VALID CLASSROOM<br>ASSESSMENTS"  |   |
| EDCAJ 531   | 1635 A 3 MTWTF                              | SMNR ANALYS RONG MAT<br>TERM B  | 940-1040  | MLR 112  | SCHAEFER,C               | EDPSY 590                                   | EVALUATION IN EDUC<br>> 1682 A 3 TTh   | 800-930   | SKI 405  | KABRICH,M                | EDPSY 594   | ADV CORRELATNL TECH<br>> 1681 A 5 TTh   | 830-1150   | SAV 146   | HANCOCK,G   | EC MLR 312  |
| EDCAJ 532   | > 1636 A 3 MTWTh                            | SEM RESEARCH RONG<br>TERM A<br>EC MLR 122   | 720-930   | MLR 301  | WEINERS                  | EDPSY 490                                   | BASIC EDUC STATSTCS<br>1683 A 3 MWF  | 830-920   | MLR 411  | THIEDE,J                 | EDPSY 599   | INDEP STUDIES EDUC<br>> 1682 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 312 |            |   |   |   |
| EDCAJ 535   | 1637 A 3 MTWTF                              | ED FUTURES<br>TERM A<br>CREDIT/NO CREDIT ONLY   | 950-1050  | MLR 104  | HUNKINS,F                | EDPSY 499                                   | UNDERGRAD RESEARCH<br>> 1684 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 312  |           |          | EDPSY 600                | INDEPNNT STDY/RSCH<br>> 1683 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 312 |   |            |   |   |   |
| EDCAJ 538   | 1638 A 3 MTWTF                              | SECHD SCHL CURRIC<br>TERM A   | 940-1040  | MLR 112  | GEHRKE,N                 | EDPSY 500                                   | FIELD STUDY<br>> 1685 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 312   |           |          | EDPSY 601                | INTERNSHIP<br>> 1684 A 3-9 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 312         |   |            |   |   |   |
| EDCAJ 539   | 1639 A 3 MTWTF                              | PRNC/PRC CURRIC DVL<br>TERM A   | 1050-1150 | MLR 104  | HUNKINS,F                | EDPSY 501                                   | HUMAN LNG ED PRAC<br>> 1686 A 3 MW   | 1050-1220 | MLR 411  | NOLEN,S                  | <b>EDUCATION LEADERSHIP &amp; POLICY STUDIES</b>  |   |            |   |   |   |
| EDCAJ 561   | 1640 A 3 MTWTF                              | SMNR LANGUAGE ARTS<br>TERM B<br>EC MLR 122  | 1050-1150 | MLR 112  | HANSEN-KRENI             | EDPSY 541                                   | GROUP TENTS COUNSLG<br>> 1687 A 5 TTh  | 1200-200  | MLR 402T | BASHEY,H                 | EDLPS 479   | CRUCIAL ISSUES ED<br>> 1648 A 3 MTWTF   | 940-1040   | MLR 320   | KERDEMAN,D  | TERM A<br>EC MLR 211  |
| EDCAJ 565   | 1641 A 3 MWF                                | SMNR SOC STDYS-ELEM<br>TERM A<br>OFFERED JOINTLY WITH EDCAJ 566 A                         | 220-430   | MLR 302A | KALTSOUNIS,T             | EDPSY 545                                   | PREPRACTICUM<br>> 1688 A 3 M   | 230-420   | MLR 402P | WHITAKER,D               | EDLPS 505   | TRANS TO LEADERSHIP<br>> 1650 A 3 MTWTF   | 800-500    | MLR 212   | SROTNOK,K   | EC MLR M206 (543-1891)<br>JUNE 13-17  |
| EDCAJ 566   | 1642 A 3 MWF                                | SMNR SOC STDYS-SECN<br>TERM A<br>OFFERED JOINTLY WITH EDCAJ 565 A                         | 220-430   | MLR 302A | KALTSOUNIS,T             | EDPSY 565                                   | PERSONALTY APPRAISL<br>> 1689 A 5 TTh  | 830-1110  | MLR 402P | SEMRUD-CLINE             | > 1651 B 3 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC MLR M206 (543-1891)<br>6/13-6/17             |   |            |   |   |   |
| EDCAJ 570   | 1643 A 3 MTWTF                              | SMNR SCI EDUC-ELEM<br>TERM A<br>OFFERED JOINTLY WITH EDCAJ 571 A<br>CREDIT/NO CREDIT ONLY | 830-930   | MLR 216  | OLSTAD,R                 | EDPSY 566                                   | CASE STUDY SMNR<br>> 1670 A 1 MWF  | 1200-140  | MLR 402T | NELSON,M                 | EDLPS 530   | HIST OF ED THOUGHT<br>1652 A 3 TTh  | 110-400    | MLR 411   | BEADIE,N  | TERM A<br>NO FRESHMEN,SOPHMRS,JUNIORS,SENIORS<br>B 3 TTh 800-1040<br>MLR 411<br>TERM B<br>NO FRESHMEN,SOPHMRS,JUNIORS,SENIORS |
| EDCAJ 571   | 1644 A 3 MTWTF                              | SMNR SCI EDUC-SECN<br>TERM A<br>OFFERED JOINTLY WITH EDCAJ 570 A<br>CREDIT/NO CREDIT ONLY | 830-930   | MLR 216  | OLSTAD,R                 | > 1671                                      | TERM A<br>CREDIT/NO CREDIT ONLY<br>EC MLR 402<br>6/20-7/20<br>CONCUR REG IN 566B REQ<br>CONTINUING COUNSELING CERTIFICATION<br>B 1 MWF 150-330   | MLR 402T  | NELSON,M | EDLPS 579                | SPEC TOP ORG & PCL<br>1654 A 3 MTWTF  | 110-450   | MLR 212    | MOREFIELD,J   | TERM A<br>NO FRESHMEN,SOPHMRS,JUNIORS,SENIORS<br>"CREATING SCHOOLS FOR ALL CHILDREN"<br>7/5-7/15  |   |
| EDCAJ 599   | > 1645 A VAR TO BE ARRANGED                 | INDEP STUDIES EDUC<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 122                    |           |          |                          | > 1672                                      | TERM B<br>CREDIT/NO CREDIT ONLY<br>EC MLR 402<br>7/21-8/19<br>CONCUR REG IN 566D REQ<br>CONTINUING COUNSELING CERTIFICATION<br>C 1 MWF 1200-140  | MLR 402T  | NELSON,M | 1655 B 3 MTWTF           | 830-230   | SWS 125   | WILLIAMS,D | RAMBURG,J   | TERM A<br>CREDIT/NO CREDIT ONLY<br>NO FRESHMEN,SOPHMRS,JUNIORS,SENIORS<br>CREATING THE LEARNING<br>COMMUNITY: RETINKING AMERICAN<br>EDUCATION<br>JUNE 27-JULY 1 |   |
| EDCAJ 600   | > 1646 A VAR TO BE ARRANGED                 | INDEPNNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 122                    |           |          |                          |   |  |           |          |                          |   |   |            |   |   |   |
| EDCAJ 601   | > 1647 A 3-9 TO BE ARRANGED                 | INTERNSHIP<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR I.D. MLR 122                            |           |          |                          |   |  |           |          |                          |   |   |            |   |   |   |

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
 SUN SECTION CRD DAY COMMENTS  
 SPEC CODE

**EDUCATION LEADERSHIP & POLICY STUDIES (cont.)**

EDLPS 588 SM ADMIN COMM COLL  
 1656 A 3 MTWTF 110-420 JHN 111 WILLIAMS,D  
 TERM A  
 NO FRESHMEN,SOPHMRS,JUNORS,SENIORS  
 JULY 5-JULY 18

EDLPS 598 SPEC TOP HIGHER ED  
 1657 A 3 MTWTF 830-230 CMU 8004 WILLIAMS,D  
 TERM A  
 CREDIT/NO CREDIT ONLY  
 NO FRESHMEN,SOPHMRS,JUNORS,SENIORS  
 JUNE 20-JUNE 24  
 SEMINAR ON THE COMMUNITY COLLEGE

1658 B 3 TTh 210-500 MLR 216 ZUMETA,W  
 TERM A  
 CREDIT/NO CREDIT ONLY  
 NO FRESHMEN,SOPHMRS,JUNORS,SENIORS  
 HIGHER EDUCATION AND PUBLIC  
 POLICY

1659 C 3 MTh 130-420 MLR 216 FASSETT,W  
 TERM B  
 NO FRESHMEN,SOPHMRS,JUNORS,SENIORS  
 "ETHICS IN HIGHER EDUCATION"

EDLPS 600 INDEPNNT STDY/RSCH  
 >1660 A VAR TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR M206  
 OR CALL 543-1891

EDLPS 601 INTERNSHIP  
 >1661 A 3-9 TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR M206  
 OR CALL 543-1891

**SPECIAL EDUCATION**

EDSPE 404 EXCEPTIONAL CHILDREN  
 1685 A 3 TTh 110-430 DEN 316  
 TERM A  
 NO FRESHMEN,SOPHMRS

EDSPE 414 INTRO TO EC SPEC ED  
 1686 A 3 TTh 830-1150 SAV 315 CAMPPELL,C  
 TERM A  
 NO FRESHMEN,SOPHMRS

EDSPE 419 INT FAMILY DIS CH  
 1687 A 3 MW 110-430 DEN 310  
 TERM A  
 NO FRESHMEN,SOPHMRS

EDSPE 496 WKSP IN SPEC EDUC  
 >1688 A 1-9 TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR 102

1689 B 3 TTh 830-1150 DEN 310  
 TERM B  
 NO FRESHMEN,SOPHMRS  
 INCLUSION

1690 C 3 MW 830-1150 SAV 326  
 TERM A  
 NO FRESHMEN,SOPHMRS  
 TECHNIQUES OF CONSULTATION &  
 COLLABORATION IN SPECIAL EDUCATION

1691 D 3 MW 110-430 MLR 212  
 TERM B  
 NO FRESHMEN,SOPHMRS  
 CLASSROOM MANAGEMENT

1692 E 3 MTWTF 830-1150 CMU 230 RYLES,R  
 TERM A  
 NO FRESHMEN,SOPHMRS  
 THE VISUALLY IMPAIRED CHILD  
 IN THE PUBLIC SCHOOL CLASSROOM  
 MEETS 6/20-7/1  
 M-F 8:30-11:50am

EDSPE 500 FIELD STUDY  
 >1694 A 1-5 TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR 102

EDSPE 514 FUND READ DIS CHLDR  
 1695 A 3 TTh 110-430 MLR 212  
 TERM B  
 NO FRESHMEN,SOPHMRS

EDSPE 599 INDEP STUDIES EDUC  
 >1696 A VAR TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR 102

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
 SUN SECTION CRD DAY COMMENTS  
 SPEC CODE

EDSPE 600 INDEPNNT STDY/RSCH  
 >1697 A VAR TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR 102

EDSPE 601 INTERNSHIP  
 >1698 A 3-9 TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR I.D. MLR 102

**COLLEGE OF ENGINEERING**

**AERONAUTICS & ASTRONAUTICS**

ENTRY CODES ARE AVAILABLE IN GUG 206

A A 499 SPECIAL PROJECTS  
 >1000 A 2-5 TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 DROP CODE REQUIRED

A A 599 SPECIAL PROJECTS  
 >1001 A 1-5 TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 DROP CODE REQUIRED

>1002 B 1-5 TO BE ARRANGED \* \*  
 DROP CODE REQUIRED

A A 600 INDEPNNT STDY/RSCH  
 >1004 A VAR TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 DROP CODE REQUIRED

A A 700 MASTERS THESIS  
 >1006 A VAR TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 DROP CODE REQUIRED

A A 800 DOCTORAL DISSERTATH  
 >1008 A VAR TO BE ARRANGED \* \*  
 CREDIT/NO CREDIT ONLY  
 DROP CODE REQUIRED

**CHEMICAL ENGINEERING**

ENTRY CODES ARE AVAILABLE IN BNS 105

CH E 456 PHYSICAL CHEMISTRY  
 1350 A 3 MWF 1050-1150 BNS 115  
 OFFERED JOINTLY WITH CHEM 456 A

CH E 499 UNDERGRAD RESEARCH  
 >1351 A 1-6 TO BE ARRANGED \* \*  
 \* \*

CH E 600 R INDEPNNT STDY/RSCH  
 >1352 A VAR TO BE ARRANGED \* \*  
 \* \*

CH E 700 MASTERS THESIS  
 >1353 A VAR TO BE ARRANGED \* \*  
 GRADS ONLY

CH E 800 DOCTORAL DISSERTATH  
 >1354 A VAR TO BE ARRANGED \* \*  
 GRADS ONLY

**CIVIL ENGINEERING CORE COURSES**

**CIVIL ENGINEERING CORE COURSES**

ENTRY CODES ARE AVAILABLE IN MOR 201

CIVE 380 ELEM STRUCT II  
 1433 A 3 MTW 940-1040 MOR 221 ELIAS  
 CIV E,ENGRJNT E MAJORS ONLY

CIVE 407 CONTRACTS AND SPECS  
 1434 A 3 MTWTh 1050-120 MOR 221 HINZE,J  
 TERM A  
 CIV E,ENGRJNT E MAJORS ONLY

CIVE 451 DES MET STRUC  
 1435 A 3 MW 220-430 MOR 221 STANTON,J  
 CIV E,ENGRJNT E MAJORS ONLY

CIVE 499 SPECIAL PROJECTS  
 >1436 A 1-5 TO BE ARRANGED \* \*  
 EC MOR 201A

>1437 B 1-5 TO BE ARRANGED \* \*  
 EC MOR 201A

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
 SUN SECTION CRD DAY COMMENTS  
 SPEC CODE

>1438 C 1-5 TO BE ARRANGED \* \*  
 EC MOR 201A

CIVE 700 MASTERS THESIS  
 >1439 A VAR TO BE ARRANGED \* \*  
 INSTRUCTOR ID MOR 201A

CIVE 800 DOCTORAL DISSERTATH  
 >1440 A VAR TO BE ARRANGED \* \*  
 INSTRUCTOR ID MOR 201A

**TRANSPORTATION,SURVEYING,& CONTR ENGR**

CETS 599 SPECIAL TOPICS  
 >1342 A 2-5 TO BE ARRANGED \* \*  
 \* \*

CETS 600 INDEPNNT STDY/RSCH  
 >1343 A 1-9 TO BE ARRANGED \* \*  
 \* \*

**STRUCTURAL & GEOTECHNICAL ENGR & MECH**

CESM 599 SPECIAL TOPICS  
 >1340 A 2-5 TO BE ARRANGED \* \*  
 \* \*

CESM 600 INDEPNNT STDY/RSCH  
 >1341 A 1-9 TO BE ARRANGED \* \*  
 \* \*

**ENVIRONMENTAL ENGINEERING & SCIENCE**

CEWA 599 SPECIAL TOPICS  
 >1344 A 2-5 TO BE ARRANGED \* \*  
 \* \*

CEWA 600 INDEPNNT STDY/RSCH  
 >1345 A 1-9 TO BE ARRANGED \* \*  
 \* \*

**COMPUTER SCIENCE AND ENGINEERING**

ENTRY CODES ARE AVAILABLE IN SIG 114

CSE 142 COMPUTER PROG I  
 1485 AA 4 MWF 1200-100 JHN 101  
 T 940-1040 SIG 227  
 OFFERED JOINTLY WITH ENGR 142 AA  
 ADD CODE REQUIRED (PD.3)  
 STUDENTS WHO HAVE TAKEN 210 WILL  
 NOT RECEIVE CREDIT FOR CSE/ENGR 142

1486 AB 4 MWF 1200-100 JHN 101  
 T 940-1040 SIG 228  
 OFFERED JOINTLY WITH ENGR 142 AB  
 ADD CODE REQUIRED (PD.3)  
 STUDENTS WHO HAVE TAKEN 210 WILL  
 NOT RECEIVE CREDIT FOR CSE/ENGR 142

1487 AC 4 MWF 1200-100 JHN 101  
 T 1050-1150 SIG 229  
 OFFERED JOINTLY WITH ENGR 142 AC  
 ADD CODE REQUIRED (PD.3)  
 STUDENTS WHO HAVE TAKEN 210 WILL  
 NOT RECEIVE CREDIT FOR CSE/ENGR 142

1488 AD 4 MWF 1200-100 JHN 101  
 Th 1050-1150 EEB 322  
 OFFERED JOINTLY WITH ENGR 142 AD  
 ADD CODE REQUIRED (PD.3)  
 STUDENTS WHO HAVE TAKEN 210 WILL  
 NOT RECEIVE CREDIT FOR CSE/ENGR 142

1489 AE 4 MWF 1200-100 JHN 101  
 Th 940-1040 SIG 229  
 OFFERED JOINTLY WITH ENGR 142 AE  
 ADD CODE REQUIRED (PD.3)  
 STUDENTS WHO HAVE TAKEN CSE 210  
 WILL NOT RECEIVE CREDIT FOR  
 CSE/ENGR 142

1490 AF 4 MWF 1200-100 JHN 101  
 Th 1050-1150 SIG 228  
 OFFERED JOINTLY WITH ENGR 142 AF  
 ADD CODE REQUIRED (PD.3)  
 STUDENTS WHO HAVE TAKEN CSE 210  
 WILL NOT RECEIVE CREDIT FOR  
 CSE/ENGR 142

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors

See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.





# Summer Quarter Time Schedule

| DEPT<br>SUN<br>SPEC CODE  | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME      | BLDG ROOM | INSTR |
|---|--------------------------|--------------------------|-----------|-----------|-------|
| <b>ENGINEERING (cont.)</b>  |                          |                          |           |           |       |
| 1830  | C 3                      | MWF                      | 1050-1150 | LOW 114   |       |
| ADD CODE REQUIRED (PD.3)<br>ONLY MAJORS FROM ENGR<br>COLLEGE (PD.1&2)<br>PRE EFERENG MAJORS ONLY (PD.1)<br>P SCIP AGS,PRE E,EPRI,LEPENG<br>P MAJORS ONLY (PD.2)<br>EC FROM INSTR<br>PREREQ: 5 CR COMP CLASS,NO CR FOR<br>THIS COURSE IF CR ALREADY GIVEN FOR<br>130; AVAILABLE FOR STUDENTS WHO<br>ENTERED AN ENGINEERING DEPT IN<br>AUT '92 OR AFTER |                          |                          |           |           |       |
| ENGR 260  | 1831 AA 4                | Th                       | 940-1040  | SIG 229   |       |
| THERMODYNAMICS<br>ADD CODE REQUIRED (PD.3)<br>EC FROM INSTR   |                          |                          |           |           |       |
| 1832  | BA 4                     | MTW                      | 1200-100  | MOR 230   |       |
| ADD CODE REQUIRED (PD.3)<br>EC FROM INSTR   |                          |                          |           |           |       |
| ENGR 315  | 1833 A 3                 | MWF                      | 1050-1150 | MOR 234   |       |
| PROB & STAT FOR ENG<br>ADD CODE REQUIRED (PD.3)<br>EC FROM INSTR  |                          |                          |           |           |       |
| ENGR 321  | >1834 A 2                | TO BE ARRANGED           |           |           |       |
| ENGR CO-OP ED<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>EC/DC LOW 353<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 IN ORDER TO OBTAIN CREDIT   |                          |                          |           |           |       |
| >1835   | B 2                      | Th                       | 220-330   | LOW 113   |       |
| CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>EC/DC LOW 353<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 IN ORDER TO OBTAIN CREDIT  |                          |                          |           |           |       |
| >1836   | C 2                      | T                        | 1200-100  | MOR 225   |       |
| CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>EC/DC LOW 353<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 IN ORDER TO OBTAIN CREDIT  |                          |                          |           |           |       |
| >1837   | D 2                      | W                        | 110-210   | MOR 219   |       |
| CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>EC/DC LOW 353<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 IN ORDER TO OBTAIN CREDIT  |                          |                          |           |           |       |
| ENGR 322  | >1838 A 0                | TO BE ARRANGED           |           |           |       |
| ENGR CO-OP SEM<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>EC/DC LOW 353  |                          |                          |           |           |       |
| ENGR 323  | >1839 A 1                | TO BE ARRANGED           |           |           |       |
| ENGR CO-OP-PARALLEL<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 TO OBTAIN CR   |                          |                          |           |           |       |
| >1840   | B 1                      | TO BE ARRANGED           |           |           |       |
| CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 TO OBTAIN CR  |                          |                          |           |           |       |
| >1841   | C 1                      | TO BE ARRANGED           |           |           |       |
| CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>REQUIRES SUBSEQUENT COMPLETION OF<br>322 TO OBTAIN CR  |                          |                          |           |           |       |
| >1842   | D 1                      | TO BE ARRANGED           |           |           |       |
| CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>EC/DC LOW 353<br>REQUIRES SUBSEQUENT COMP OF 322<br>TO OBTAIN CREDIT   |                          |                          |           |           |       |
| ENGR 333  | 1843 A 4                 | TTh                      | 830-1040  | MOR 116   |       |
| ADV TEC WRIT & ORAL<br>ADD CODE REQUIRED (PD.3)<br>NO GRADS (PD.1&2)<br>ONLY MAJORS FROM ENGR<br>COLLEGE (PD.1&2)<br>EC FROM INSTR  |                          |                          |           |           |       |
| 1844  | B 4                      | TTh                      | 940-1150  | EEB 316   |       |
| ADD CODE REQUIRED (PD.3)<br>NO GRADS (PD.1&2)<br>ONLY MAJORS FROM ENGR<br>COLLEGE (PD.1&2)<br>EC FROM INSTR   |                          |                          |           |           |       |

| DEPT<br>SUN<br>SPEC CODE  | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME     | BLDG ROOM | INSTR |
|---|--------------------------|--------------------------|----------|-----------|-------|
| 1845  | C 4                      | WF                       | 830-1040 | ARC 133   |       |
| ADD CODE REQUIRED (PD.3)<br>NO GRADS (PD.1&2)<br>ONLY MAJORS FROM ENGR<br>COLLEGE (PD.1&2)<br>EC FROM INSTR |                          |                          |          |           |       |
| ENGR 488  | >1846 A 1-5              | TO BE ARRANGED           |          |           |       |
| SPECIAL TOPICS<br>JUNIORS,SENIORS,GRADS ONLY<br>INSTRUCTOR LD. LOW 356<br>INDIVIDUAL TOPICS                 |                          |                          |          |           |       |
| ENGR 499  | >1847 A 1-3              | TO BE ARRANGED           |          |           |       |
| SPECIAL PROJECTS<br>JUNIORS,SENIORS,GRADS ONLY<br>INSTRUCTOR LD. LOW 356                                    |                          |                          |          |           |       |

## INDUSTRIAL ENGINEERING

|  |             |                |          |         |  |
|--|-------------|----------------|----------|---------|--|
| IND E 499  | >2195 A 2-5 | TO BE ARRANGED |          |         |  |
| SPECIAL PROJECTS IE  |             |                |          |         |  |
| IND E 599  | >2196 A 3   | TTh            | 1050-100 | SMI 109 |  |
| SPECIAL TOPICS IE<br>GRADS ONLY (PD.1&2)<br>MAJORS ONLY (PD.1&2) |             |                |          |         |  |

## MATERIALS SCIENCE & ENGINEERING

|                               |          |       |                |         |           |
|-------------------------------|----------|-------|----------------|---------|-----------|
| MSE 499                       | 2416 A   | VAR   | TO BE ARRANGED |         |           |
| SPECIAL PROJECT               |          |       |                |         |           |
| MSE 599                       | 2417 A 3 | MTWTh | 800-930        | MUE 154 | SARIKAYAM |
| SPEC TPCS MATLS SCI<br>TERM A |          |       |                |         |           |
| MSE 600                       | >2419 A  | VAR   | TO BE ARRANGED |         |           |
| INDEPENDENT STUDY             |          |       |                |         |           |
| MSE 700                       | >2421 A  | VAR   | TO BE ARRANGED |         |           |
| MASTERS THESIS                |          |       |                |         |           |
| MSE 800                       | >2423 A  | VAR   | TO BE ARRANGED |         |           |
| DOCTORAL DISSERTATN           |          |       |                |         |           |

## MECHANICAL ENGINEERING

ENTRY CODES ARE AVAILABLE IN MEB 143C  
 THE DEPARTMENT OF MECHANICAL ENGINEERING RESERVES  
 THE OPTION OF DROPPING A STUDENT FROM A M E COURSE  
 IF THEY DO NOT ATTEND ONE OR MORE SCHEDULED CLASS  
 MEETINGS DURING THE FIRST WEEK OF THE QUARTER.

|   |           |       |          |         |  |
|---|-----------|-------|----------|---------|--|
| M E 304   | 2269 AA 3 | TTh   | 110-210  | MEB 250 |  |
| MFG PROCESSES<br>ADD CODE REQUIRED (PD.3)<br>SOPHMRS,JUNORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>IND E,M E MAJORS ONLY (PD.1&2) |           |       |          |         |  |
| 2270  | AB 3      | TTh   | 110-210  | MEB 250 |  |
| ADD CODE REQUIRED (PD.3)<br>SOPHMRS,JUNORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>IND E,M E MAJORS ONLY (PD.1&2)                  |           |       |          |         |  |
| 2271  | AC 3      | TTh   | 110-210  | MEB 250 |  |
| ADD CODE REQUIRED (PD.3)<br>SOPHMRS,JUNORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>IND E,M E MAJORS ONLY (PD.1&2)                  |           |       |          |         |  |
| 2272  | AD 3      | TTh   | 110-210  | MEB 131 |  |
| ADD CODE REQUIRED (PD.3)<br>SOPHMRS,JUNORS,SENIORS,5TH YEAR,<br>SOPHMRS<br>ONLY (PD.1)<br>IND E,M E MAJORS ONLY (PD.1&2)      |           |       |          |         |  |
| M E 333   | 2273 A 4  | MTWTh | 940-1040 | MEB 250 |  |
| INTRO TO FLUID MECH<br>NO GRADS (PD.1&2)<br>ONLY MAJORS FROM ENGR<br>COLLEGE (PD.1&2)<br>EC FROM INSTR                        |           |       |          |         |  |

| DEPT<br>SUN<br>SPEC CODE  | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME           | BLDG ROOM | INSTR |
|---|--------------------------|--------------------------|----------------|-----------|-------|
| M E 353   | 2274 A 4                 | MWTh                     | 1050-1150      | MEB 250   |       |
| MACHN DESGN ANLYS<br>T<br>220-520<br>SOPHMRS,JUNORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>MAJORS ONLY            |                          |                          |                |           |       |
| M E 395   | 2275 AA 4                | MTWTh                    | 830-930        | MEB 250   |       |
| INTRO MECH DESIGN<br>T<br>220-420<br>JUNIORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>MAJORS ONLY                   |                          |                          |                |           |       |
| M E 434   | 2276 A 3                 | MW                       | 110-320        | MEB 249   |       |
| ADV MECH ENGR LAB<br>MW<br>110-320<br>MW<br>110-320<br>JUNIORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>MAJORS ONLY |                          |                          |                |           |       |
| M E 469   | 2277 A 4                 | MWTh                     | 1050-100       | MEB 238   |       |
| APPL OF DYN IN ENGR<br>JUNIORS,SENIORS,5TH YEAR<br>ONLY (PD.1)<br>MAJORS ONLY                                 |                          |                          |                |           |       |
| M E 499   | >2278 A 2-5              | TO BE ARRANGED           |                |           |       |
| SPECIAL PROJECTS<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY  |                          |                          |                |           |       |
| >2279   | B 2-5                    | TO BE ARRANGED           |                |           |       |
| SPECIAL PROJECTS<br>MAJORS ONLY   |                          |                          |                |           |       |
| M E 599   | >2280 A 1-5              | TO BE ARRANGED           |                |           |       |
| SPECIAL PROJECTS<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |                          |                          |                |           |       |
| >2281   | B 1-5                    | TO BE ARRANGED           |                |           |       |
| SPECIAL PROJECTS<br>GRADS ONLY<br>MAJORS ONLY   |                          |                          |                |           |       |
| M E 600   | >2283 A                  | VAR                      | TO BE ARRANGED |           |       |
| INDEPENDNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY                                    |                          |                          |                |           |       |
| >2284   | B VAR                    | TO BE ARRANGED           |                |           |       |
| INDEPENDNT STDY/RSCH<br>GRADS ONLY<br>MAJORS ONLY   |                          |                          |                |           |       |
| M E 700   | >2285 A                  | VAR                      | TO BE ARRANGED |           |       |
| MASTERS THESIS<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |                          |                          |                |           |       |
| >2287   | B VAR                    | TO BE ARRANGED           |                |           |       |
| MASTERS THESIS<br>GRADS ONLY<br>MAJORS ONLY   |                          |                          |                |           |       |
| M E 800   | >2289 A                  | VAR                      | TO BE ARRANGED |           |       |
| DOCTORAL DISSERTATN<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY                                     |                          |                          |                |           |       |
| >2290   | B VAR                    | TO BE ARRANGED           |                |           |       |
| DOCTORAL DISSERTATN<br>GRADS ONLY<br>MAJORS ONLY  |                          |                          |                |           |       |

## MECHANICAL ENGR/INDUSTRIAL ENGR

ENTRY CODES ARE AVAILABLE IN AER 141

## NUCLEAR ENGINEERING

|  |         |     |                |  |  |
|--|---------|-----|----------------|--|--|
| NUC E 700                                    | >2530 A | VAR | TO BE ARRANGED |  |  |
| MASTERS THESIS<br>CREDIT/NO CREDIT ONLY      |         |     |                |  |  |
| NUC E 800                                    | >2531 A | 19  | TO BE ARRANGED |  |  |
| DOCTORAL DISSERTATN<br>CREDIT/NO CREDIT ONLY |         |     |                |  |  |

## TECHNICAL COMMUNICATION

|  |         |                |                |  |  |
|--|---------|----------------|----------------|--|--|
| TC 495   | >3253 A | 3-5            | TO BE ARRANGED |  |  |
| PROF PRACTICE<br>CREDIT/NO CREDIT ONLY<br>EC LOW 014 |         |                |                |  |  |
| TC 499   | >3254 A | 2-5            | TO BE ARRANGED |  |  |
| SPECIAL PROJECTS<br>INSTRUCTOR LD. LOW 014           |         |                |                |  |  |
| >3255  | H 2-5   | TO BE ARRANGED |                |  |  |
| SPECIAL PROJECTS<br>INSTRUCTOR LD. LOW 014           |         |                |                |  |  |

| DEPT<br>SLN<br>SPEC CODE                  | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS   | TIME | BLDG ROOM | INSTR | DEPT<br>SLN<br>SPEC CODE              | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS   | TIME | BLDG ROOM | INSTR | DEPT<br>SLN<br>SPEC CODE                   | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS  | TIME | BLDG ROOM | INSTR |  |
|---|--------------------------|--|------|-----------|-------|---------------------------------------|--------------------------|--|------|-----------|-------|--|--------------------------|---|------|-----------|-------|--|
| <b>TECHNICAL COMMUNICATION (cont.)</b>    |                          |  |      |           |       | <b>FOREST ENGINEERING</b>             |                          |  |      |           |       | <b>PAPER SCIENCE AND ENGINEERING</b>       |                          |   |      |           |       |  |
| TC 599<br>> 3256                          | A                        | SPECIAL PROJECTS<br>1-5 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. LOW 014  |      |           |       | ESC 538<br>> 1887                     | A                        | GD STDY6 FOR PATH<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 563<br>> 1850                          | A                        | GD STDY6 MENSURATRN<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| TC 600<br>> 3257                          | A                        | IND STUDY/RESEARCH<br>VAR TO BE ARRANGED<br>INSTRUCTOR LD. LOW 014   |      |           |       | ESC 535<br>> 1888                     | A                        | GD STDY WILDLFE SCI<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 565<br>> 1951                          | A                        | GD STDY6 FOR MNGMT<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       |  |
| TC 601<br>> 3258                          | A                        | INTERNSHIP<br>3-9 TO BE ARRANGED<br>INSTRUCTOR LD. LOW 014   |      |           |       | ESC 601<br>> 1889                     | A                        | INTERNSHIP<br>3-9 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 566<br>> 1952                          | A                        | GD STDY6 FOR PHOTOG<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| TC 700<br>> 3259                          | A                        | MASTER'S THESIS<br>VAR TO BE ARRANGED<br>INSTRUCTOR LD. LOW 014  |      |           |       | <b>FOREST PRODUCTS ENGINEERING</b>    |                          |  |      |           |       | <b>URBAN HORTICULTURE</b>                  |                          |   |      |           |       |  |
| <b>COLLEGE OF FOREST RESOURCES</b>        |                          |  |      |           |       | <b>FOREST RESOURCE MANAGEMENT</b>     |                          |  |      |           |       | <b>INTERDISCIPLINARY GRADUATE PROGRAMS</b> |                          |   |      |           |       |  |
| <b>COLLEGE OF FOREST RESOURCES</b>        |                          |  |      |           |       | ENTRY CODES ARE AVAILABLE IN AND 107F |                          |  |      |           |       |  |                          |   |      |           |       |  |
| CFR 590<br>> 1346                         | A                        | GRADUATE STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       | FRM 300<br>> 1942                     | A                        | PROFESS FOR INTERN<br>3-5 TO BE ARRANGED<br>ONLY MAJORS FROM FOR R COLLEGE<br>PACK FORST COMPLETION & INSTR PERM<br>FACULTY CODES AVAILABLE IN AND 116   |      |           |       | PSE 490<br>> 2876                          | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| CFR 600<br>> 1347                         | A                        | INDEPNENT STDY/RSEH<br>VAR TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 490<br>> 1943                     | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | PSE 491<br>> 2877                          | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| CFR 700<br>> 1348                         | A                        | MASTERS THESIS<br>VAR TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       | FRM 491<br>> 1944                     | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | PSE 492<br>> 2878                          | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| CFR 800<br>> 1349                         | A                        | DOCTORAL DISSERTATH<br>VAR TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 492<br>> 1945                     | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | PSE 570<br>> 2879                          | A                        | GD STDY6 FOR PROD<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| <b>ECOSYSTEM SCIENCE AND CONSERVATION</b> |                          |  |      |           |       | <b>FOREST PRODUCTS ENGINEERING</b>    |                          |  |      |           |       | <b>URBAN HORTICULTURE</b>                  |                          |   |      |           |       |  |
| ESC 350<br>1879                           | A                        | WILDLIFE BIOLACONSV<br>4 MWF 940-1150 AND 008  |      |           |       | ENTRY CODES ARE AVAILABLE IN AND 107F |                          |  |      |           |       | URBAN HORTICULTURE                         |                          |   |      |           |       |  |
| ESC 490<br>> 1880                         | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>TERM B<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 300<br>> 1942                     | A                        | PROFESS FOR INTERN<br>3-5 TO BE ARRANGED<br>ONLY MAJORS FROM FOR R COLLEGE<br>PACK FORST COMPLETION & INSTR PERM<br>FACULTY CODES AVAILABLE IN AND 116   |      |           |       | PSE 490<br>> 2876                          | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| ESC 491<br>> 1881                         | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>TERM B<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 490<br>> 1943                     | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | PSE 491<br>> 2877                          | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| ESC 492<br>> 1882                         | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 491<br>> 1944                     | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | PSE 492<br>> 2878                          | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| ESC 495<br>> 1883                         | A                        | SENIOR PROJECT<br>5 TO BE ARRANGED<br>MEETS WRITING COURSE REQUIREMENT<br>NO FRESHMEN/SOPHOMERS<br>ONLY MAJORS FROM FOR R COLLEGE<br>FACULTY CODES<br>AVAILABLE IN AND 116 |      |           |       | FRM 492<br>> 1945                     | A                        | UNDERGRAD STUDIES<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | PSE 570<br>> 2879                          | A                        | GD STDY6 FOR PROD<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |
| ESC 496<br>> 1884                         | A                        | WILDLF SENIOR THESIS<br>3 TO BE ARRANGED<br>MEETS WRITING COURSE REQUIREMENT<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       | FRM 495<br>> 1946                     | A                        | SENIOR PROJECT<br>5 TO BE ARRANGED<br>MEETS WRITING COURSE REQUIREMENT<br>NO FRESHMEN/SOPHOMERS/JUNIORS<br>ONLY MAJORS FROM FOR R COLLEGE<br>SR PROJECT WITH INSTR PERM<br>FACULTY CODES<br>AVAILABLE IN AND 116 |      |           |       | URF 331<br>3347                            | A                        | LSCAPE PLANT RECOG<br>3 TTh 110-510 JHN 353 TSUKADAM<br>TERM A<br>OFFERED JOINTLY WITH BOT 331 A  |      |           |       |  |
| ESC 510<br>> 1885                         | A                        | GD STDY6 FOR SOILS<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       | FRM 508<br>1947                       | A                        | SIL PRESC PREP<br>4 TO BE ARRANGED<br>FOR SILVICULTURE INSTITUTE<br>GNM ENROLLEES  |      |           |       | URF 495<br>> 3348                          | A                        | URF SENIOR PROJECT<br>5 TO BE ARRANGED<br>MEETS WRITING COURSE REQUIREMENT<br>ONLY MAJORS FROM FOR R COLLEGE<br>FACULTY CODES<br>AVAILABLE IN AND 116 |      |           |       |  |
| ESC 520<br>> 1886                         | A                        | GRAD STDY ECO SCI<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | FRM 530<br>> 1948                     | A                        | GD STDY6 FIRE CNTRL<br>1-5 TO BE ARRANGED<br>FACULTY CODES<br>AVAILABLE IN AND 116   |      |           |       | URF 601<br>> 3349                          | A                        | INTERNSHIP<br>3-9 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>FACULTY CODES<br>AVAILABLE IN AND 116  |      |           |       |  |

## Summer Quarter Time Schedule

| DEPT<br>SLN  | COURSE<br>SECTION | TITLE<br>CRD | TIME<br>DAY | INSTR | BLDG ROOM | INSTR | DEPT<br>SLN   | COURSE<br>SECTION | TITLE<br>CRD | TIME<br>DAY | INSTR | BLDG ROOM | INSTR | DEPT<br>SLN   | COURSE<br>SECTION | TITLE<br>CRD | TIME<br>DAY | INSTR | BLDG ROOM | INSTR |
|--|-------------------|--------------|-------------|-------|-----------|-------|---|-------------------|--------------|-------------|-------|-----------|-------|---|-------------------|--------------|-------------|-------|-----------|-------|
| BEHAVIORAL NEUROSCIENCE  |                   |              |             |       |           |       | MILITARY SCIENCE  |                   |              |             |       |           |       | SCHOOL OF MEDICINE  |                   |              |             |       |           |       |
| B NEU 800 DOCTORAL DISSERTATN<br>> 1198 A 1-9 TO BE ARRANGED<br>MAJORS ONLY  |                   |              |             |       |           |       | BIGEN 700 MASTER'S THESIS<br>> 1250 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HHL 309                           |                   |              |             |       |           |       | LIBR 547 EVAL SEL AV MAT<br>2248 A 3 MTWTF 830-1130 SUZ 127 DOLL C<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133, 8/08 - 8/19  |                   |              |             |       |           |       |
| INDIVIDUAL PHD PROGRAM   |                   |              |             |       |           |       | M I SCI 305 TECH MILITARY INSTR<br>> 2291 A 3 MWTh 830-930 CLK 120 MORRIS, D<br>DROP CODE REQUIRED<br>NO FRESHMENS/SOPHMRS            |                   |              |             |       |           |       | LIBR 549 CHILD MAT-EVAL USE<br>2249 A 3 Th 1230-415 SUZ 127 VAN ORDEN P<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM  |                   |              |             |       |           |       |
| IPHD 600 INDEPNONT STDY/RSCH<br>> 2159 A VAR TO BE ARRANGED<br>GRADS ONLY<br>INSTRUCTOR LD. ADM 201                |                   |              |             |       |           |       | M I SCI 2292 B 3 MTTn 1050-1150 CLK 120 MORRIS, D<br>2293 C 3 MWF 110-210 CLK 120 MORRIS, D   |                   |              |             |       |           |       | LIBR 577 LAW LIBRARY ADMIN<br>2250 A 4 MTWF 900-1230 MEADOWS, J<br>TERM A<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133<br>JUNE 20 - JULY 20  |                   |              |             |       |           |       |
| IPHD 800 DOCTORAL DISSERTATN<br>> 2160 A VAR TO BE ARRANGED<br>GRADS ONLY<br>INSTRUCTOR LD. ADM 201                |                   |              |             |       |           |       | Q SCI 381 INTRO PROBABIL&STAT<br>2962 AA 5 MTWF 940-1040 CQS 306<br>Th 940-1140 CQS 306   |                   |              |             |       |           |       | LIBR 590 DIRECTED FIELD WORK<br>2251 F 4 TO BE ARRANGED MIGNONLE<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY  |                   |              |             |       |           |       |
| NUTRITION  |                   |              |             |       |           |       | Q SCI 482 STAT INFR APPL RSCH<br>2963 AA 5 MTWF 940-1040 FTR 034<br>Th 940-1150 FTR 034   |                   |              |             |       |           |       | LIBR 598 SPEC TOPICS IN LIBR<br>2252 A 3 MTWTF 830-1130 SUZ 127 GALWYN, T<br>TERM A<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>INFORMATION AND PUBLIC POLICY<br>OTHERS BY PERM<br>JULY 7 - JULY 20                                    |                   |              |             |       |           |       |
| NUTR 532 FLOWK PUB HLTH NUTR<br>> 2540 A 2-12 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC RAI 305<br>6/24 - 8/23 |                   |              |             |       |           |       | Q SCI 502 STATSTCL CONSULTING<br>> 2964 A 1-4 TO BE ARRANGED CONQUEST   |                   |              |             |       |           |       | 2253 B 3 MTWTF 830-1130 SUZ 127 COCHRANE P<br>TERM B<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>OTHERS BY PERM<br>JULY 21 - AUGUST 3<br>IMPROVED ACCESS TO INFORMATION IN<br>ONLINE BIBLIOGRAPHIC INFORMATION<br>SYSTEMS AND SERVICES |                   |              |             |       |           |       |
| NUTR 537 LABORATORY ROTATION<br>> 2541 ZA 1-4 TO BE ARRANGED<br>EC RAI 305   |                   |              |             |       |           |       | Q SCI 538 SPEC TOP RES MANGMT<br>> 2965 A 1 TO BE ARRANGED  |                   |              |             |       |           |       | 2254 C 3 MTWTF 830-1130 SAV 209 CURRAN, C<br>TERM B<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>OTHERS BY PERM<br>AUGUST 8 - AUGUST 19<br>INTERPERSONAL COMMUNICATION IN THE<br>INFORMATION PROFESSIONS                                |                   |              |             |       |           |       |
| NUTR 561 CLIN NUTR FIELDWORK<br>> 2542 ZH 1-3 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC RAI 305                |                   |              |             |       |           |       | Q SCI 599 RES QUAN RESRCH MGT<br>> 2966 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY   |                   |              |             |       |           |       | LIBR 600 INDEPNONT STDY/RSCH<br>> 2255 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY   |                   |              |             |       |           |       |
| NUTR 600 INDEPNONT STDY/RSCH<br>> 2543 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. RAI 305     |                   |              |             |       |           |       | UCONJ 526 NEUROBIOL LAB RSCH<br>3343 A 4 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>VIS 6, GR UN MAJORS ONLY<br>GR UNASSIGNED MJ ONLY |                   |              |             |       |           |       | LIBR 700 MASTER'S THESIS<br>> 2256 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY   |                   |              |             |       |           |       |
| NUTR 700 MASTERS THESIS<br>> 2544 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. RAI 305          |                   |              |             |       |           |       | UCONJ 555 STD/HIV RESEARCH<br>> 3344 A 1-3 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC CALL 223-8015<br>MED RESPONSIBLE             |                   |              |             |       |           |       | SCHOOL OF MEDICINE  |                   |              |             |       |           |       |
| NUTR 800 DOCTORAL DISSERTATN<br>> 2545 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. RAI 305     |                   |              |             |       |           |       | UCONJ 584 PLANT TUMORS<br>> 3345 A 1 F 830-1120 HSD E212 GORDON, M<br>CREDIT/NO CREDIT ONLY<br>EC HSI 1391<br>BIOCHEM RESP            |                   |              |             |       |           |       | COURSES NUMBERED WITH A P SUFFIX ARE NOT GRADUATE<br>COURSES BUT ARE INTENDED FOR MEDICAL STUDENTS ONLY   |                   |              |             |       |           |       |
| QUANT ECOLOGY & RESOURCE<br>MANAGEMENT   |                   |              |             |       |           |       | UCONJ 599 INT RES MGL CEL BIO<br>> 3346 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>BICBP STUDENTS                               |                   |              |             |       |           |       | ANESTHESIOLOGY  |                   |              |             |       |           |       |
| GERM 600 INDEPNONT STDY/RSCH<br>> 2967 A VAR TO BE ARRANGED  |                   |              |             |       |           |       | SCHOOL OF LIBRARY &<br>INFORMATION SCIENCE  |                   |              |             |       |           |       | ANEST 498 UNDERGRAD THESIS<br>> 1052 A VAR TO BE ARRANGED<br>EC HSR RR448   |                   |              |             |       |           |       |
| GERM 700 MASTER'S THESIS<br>> 2968 A VAR TO BE ARRANGED  |                   |              |             |       |           |       | LIBRARY AND INFORMATION SCIENCE   |                   |              |             |       |           |       | ANEST 499 UNDERGRAD RESEARCH<br>> 1053 A VAR TO BE ARRANGED<br>EC HSR RR448<br>FIRST 6 WEEKS  |                   |              |             |       |           |       |
| GERM 800 DOCTORAL DISSERTATN<br>> 2969 A VAR TO BE ARRANGED  |                   |              |             |       |           |       | ENTRY CODES ARE AVAILABLE IN SUZ 133  |                   |              |             |       |           |       | ANEST 501P P-PRECEP ANESTHESIA<br>> 1054 A 1 TO BE ARRANGED   |                   |              |             |       |           |       |
| RADIOLOGICAL SCIENCES  |                   |              |             |       |           |       | LIBR 501 BIBLIOG CONTROL<br>2246 A 4 MWF 1230-330 SUZ 127 MIGNONLE<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133                 |                   |              |             |       |           |       | BIOCHEMISTRY  |                   |              |             |       |           |       |
| ENTRY CODES ARE AVAILABLE IN HSD E179  |                   |              |             |       |           |       | LIBR 503 BIBLIO DATABASES<br>2247 AA 4 MWF 1230-330 SUZ 127<br>TO BE ARRANGED   |                   |              |             |       |           |       | BIOC 499 UNDERGRAD RESEARCH<br>> 1225 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID HSI J405   |                   |              |             |       |           |       |
| INTERSCHOOL OR<br>INTERCOLLEGE PROGRAMS  |                   |              |             |       |           |       | LIBR 501 BIBLIOG CONTROL<br>2246 A 4 MWF 1230-330 SUZ 127 MIGNONLE<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133                 |                   |              |             |       |           |       | BIOC 526 GROWTH & DEVL P DIFF<br>1226 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |                   |              |             |       |           |       |
| BIOENGINEERING   |                   |              |             |       |           |       | LIBR 501 BIBLIOG CONTROL<br>2246 A 4 MWF 1230-330 SUZ 127 MIGNONLE<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133                 |                   |              |             |       |           |       | BIOC 526 GROWTH & DEVL P DIFF<br>1226 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |                   |              |             |       |           |       |
| BIOEN 499 SPECIAL PROJECTS<br>> 1247 A 2-6 TO BE ARRANGED<br>INSTRUCTOR LD. HHL 309                                |                   |              |             |       |           |       | LIBR 501 BIBLIOG CONTROL<br>2246 A 4 MWF 1230-330 SUZ 127 MIGNONLE<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133                 |                   |              |             |       |           |       | BIOC 499 UNDERGRAD RESEARCH<br>> 1225 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID HSI J405   |                   |              |             |       |           |       |
| BIOEN 599 SPEC TOPICS BIOEN G<br>> 1248 A 1-6 TO BE ARRANGED<br>INSTRUCTOR LD. HHL 309                             |                   |              |             |       |           |       | LIBR 503 BIBLIO DATABASES<br>2247 AA 4 MWF 1230-330 SUZ 127<br>TO BE ARRANGED   |                   |              |             |       |           |       | BIOC 526 GROWTH & DEVL P DIFF<br>1226 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |                   |              |             |       |           |       |
| BIOEN 600 INDEPNONT STDY/RSCH<br>> 1249 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HHL 309    |                   |              |             |       |           |       | LIBR 501 BIBLIOG CONTROL<br>2246 A 4 MWF 1230-330 SUZ 127 MIGNONLE<br>TERM B<br>MAJORS ONLY<br>OTHERS BY PERM SUZ 133                 |                   |              |             |       |           |       | BIOC 526 GROWTH & DEVL P DIFF<br>1226 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |                   |              |             |       |           |       |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors

See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

# University of Washington

| DEPT<br>SLN<br>SPEC CODE    | COURSE<br>SECTION<br>CRD<br>DAY<br>COMMENTS  | TWME | BLDG ROOM | INSTR        | DEPT<br>SLN<br>SPEC CODE    | COURSE<br>SECTION<br>CRD<br>DAY<br>COMMENTS   | TWME | BLDG ROOM | INSTR   | DEPT<br>SLN<br>SPEC CODE              | COURSE<br>SECTION<br>CRD<br>DAY<br>COMMENTS  | TWME   | BLDG ROOM | INSTR      |
|-----------------------------|--|------|-----------|--------------|-----------------------------|---|------|-----------|---|---------------------------------------|--|--|-----------|------------|
| <b>BIOCHEMISTRY (cont.)</b> |  |      |           |              | <b>BIOLOGICAL STRUCTURE</b> |   |      |           |   | <b>CONJOINT</b>                       |  |  |           |            |
| BIOC 529                    | MOL BIO EARLY DEVEL<br>1227 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | KIMELMAN,D   | BIOC 568                    | MOL BIOL YEAST GENE<br>1243 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |      |           | YOUNGE  | C MED 600                             | RESEARCH<br>> 1394 A 1-9 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID HST 1138<br>SUMMER TERM 7/11/91 TO 9/16/94       |  |           |            |
| BIOC 536                    | CONTROL CELL GROWTH<br>1228 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | MORRIS,D     | BIOC 600                    | INDEPNONT STDY/RSCH<br>> 1244 A VAR TO BE ARRANGED<br>PERM BY INSTR   |      |           |   | C MED 601                             | INTERNSHIP ROTATION<br>> 1335 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED (PD.1&2)                           |  |           |            |
| BIOC 537                    | REG GENE EXPRESSION<br>1229 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | PALMITER,R   | BIOC 700                    | MASTERS THESIS<br>> 1245 A VAR TO BE ARRANGED<br>PERM BY INSTR  |      |           |   | C MED 700                             | MASTERS THESIS<br>> 1336 A 1-9 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID HST 1138<br>SUMMER TERM 7/11/94 TO 9/16/94 |  |           |            |
| BIOC 539                    | IMMUNOBIOLOGY<br>1230 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY       |      |           | PERLMUTTER,R | BIOC 800                    | DOCTORAL DISSERTATN<br>> 1246 A VAR TO BE ARRANGED<br>PERM BY INSTR   |      |           |   | <b>FAMILY MEDICINE</b>                |  |  |           |            |
| BIOC 555                    | BIOL CONNECT TISSUE<br>1231 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | BORNSTEIN,P  | B STR 498                   | H UNDERGRAD THESIS<br>> 1209 A VAR TO BE ARRANGED<br>INSTRUCTOR ID HSD 6517<br>PERM OF INSTR  |      |           |   | CONJ 585                              | SURGICAL ANATOMY<br>> 1482 A 1-3 TO BE ARRANGED<br>B STR RESP, PERM OF INSTR   |  |           | GRANEY,D   |
| BIOC 557                    | CALCIUM BIND PROT<br>1232 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY   |      |           | DAVEY,T      | B STR 499                   | UNDERGRAD RESEARCH<br>> 1210 A VAR TO BE ARRANGED<br>INSTRUCTOR ID HSD 6517<br>PERM OF INSTR  |      |           |   | CONJ 690P                             | P-FOREIGN MED CLERK<br>> 1483 A VAR TO BE ARRANGED<br>INSTRUCTOR ID HSA 4320<br>SCHOOL OF MED RESP                                 |  |           |            |
| BIOC 558                    | PROTEIN PHOSPHORYL<br>1233 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |      |           | FISCHER,E    | B STR 525                   | BRAIN DISSECTION<br>> 1211 A 2 TO BE ARRANGED<br>EC HSD 6517<br>PERM OF INSTR   |      |           | SUNDSTEIN,J   | CONJ 699P                             | P-CLIN CLERKSHIPS<br>1484 A VAR TO BE ARRANGED<br>ONLY MAJORS FROM MED COLLEGE<br>MED,M CON MAJORS ONLY                            |  |           |            |
| BIOC 559                    | MEMBRANE BIOCHEM<br>1234 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY    |      |           | GLOMSET,J    | B STR 540                   | SPEC PRGS IN ANAT<br>> 1212 A 1-6 TO BE ARRANGED<br>EC HSD 6517   |      |           |   | <b>HUMAN BIOLOGY</b>                  |  |  |           |            |
| BIOC 565                    | PLANT MOLEC GENET<br>1235 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY   |      |           | GORDON,M     | B STR 555                   | LAB ROTATION IN BST<br>> 1213 A 5 TO BE ARRANGED<br>EC HSD 6517   |      |           |   | ENTRY CODES ARE AVAILABLE IN HSD E304 | FAMED 499  | UNDERGRAD RESEARCH<br>> 1895 A VAR TO BE ARRANGED<br>EC HSD E304 |           | TAYLOR,T   |
| BIOC 566                    | MUSCLE GROWTH<br>1236 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY       |      |           | HAUSCHKA,S   | B STR 594                   | SEMINAR MYOGENESIS<br>1214 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY  |      |           | NAMEROFF,M  | FAMED 501P                            | P-INT FAM MED PRCPPT<br>> 1896 A 2.5 TO BE ARRANGED<br>EC HSD E304   |  |           | ELLSBURY,K |
| BIOC 568                    | G PRO SIGNAL TRANS<br>1237 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY  |      |           | HURLEY,J     | B STR 598                   | BIO STR READING<br>> 1215 A 2 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY   |      |           |   | FAMED 505P                            | P-RURAL PRECPTRSHIP<br>> 1897 A VAR TO BE ARRANGED<br>EC HSD E304  |  |           | DOBE,S     |
| BIOC 569                    | INDUCTIVE EARLY DEV<br>1238 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | KIMELMAN,D   | B STR 600                   | INDEPNONT STDY/RSCH<br>> 1216 A VAR TO BE ARRANGED<br>INSTRUCTOR ID HSD 6517  |      |           |   | <b>IMMUNOLOGY</b>                     |  |  |           |            |
| BIOC 576                    | SEQ ANALYS GROW REG<br>1239 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | MORRIS,D     | B STR 700                   | MASTERS THESIS<br>> 1217 A VAR TO BE ARRANGED<br>ADD CODE REQUIRED (PD.1)<br>INSTRUCTOR ID HSD 6517   |      |           |   | HUBIO 500P                            | P-MED PRACPRECP WAM<br>2107 A 1 TO BE ARRANGED<br>ONLY MAJORS FROM MED COLLEGE<br>MED,M CON MAJORS ONLY<br>WAM ONLY                |  |           | HUNT,D     |
| BIOC 577                    | GENE REG TRANS MICE<br>1240 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | PALMITER,R   | B STR 800                   | DOCTORAL DISSERTATN<br>> 1218 A VAR TO BE ARRANGED<br>INSTRUCTOR ID HSD 6517  |      |           |   | HUBIO 501P                            | P-HU BIO SPEC PROJ<br>2108 A VAR TO BE ARRANGED<br>ONLY MAJORS FROM MED COLLEGE<br>MED,M CON MAJORS ONLY                           |  |           |            |
| BIOC 579                    | MOL BIOL IMMUNE SYS<br>1241 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | PERLMUTTER,R | <b>COMPARATIVE MEDICINE</b> |   |      |           |   | 2109 B                                | VAR TO BE ARRANGED<br>ONLY MAJORS FROM MED COLLEGE<br>MED,M CON MAJORS ONLY  |  |           |            |
| BIOC 587                    | STRUCT EVOL REG PRO<br>1242 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>GRADS ONLY<br>MAJORS ONLY |      |           | WALSH,K      | C MED 512                   | ANAT ANLYS ANM DGBS<br>> 1330 ZN 5 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC HST 1138<br>SUMMER TERM JULY 11, 1994<br>TO SEPTEMBER 16, 1994 |      |           | LIGGITT,H<br>VAN HOOSER,  | IMMUN 499                             | UNDERGRAD RESEARCH<br>> 2130 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>JUNIORS,SENIORS ONLY           |  |           |            |
|                             |  |      |           |              | C MED 514                   | COMP PATH CONF<br>> 1331 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC HST 1138<br>SUMMER TERM DATES:<br>07/11/94 TO 09/16/94               |      |           | VAN HOOSER,<br>LIGGITT,H  | IMMUN 599                             | TOPICS IMMUNOLOGY<br>2131 ZN VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>IMMUN,M CON MAJORS ONLY                                |  |           |            |
|                             |  |      |           |              | C MED 516                   | CURR LIT LAB AN MED<br>> 1332 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC HST 1138<br>SUMMER TERM 7/11/94 TO 9/16/94                      |      |           | DENNIS,M<br>VAN HOOSER,<br>DI GIACOMO,R<br>LADGES,W<br>PRICE,I<br>LIGGITT,H | IMMUN 600                             | INDEPNONT STDY/RSCH<br>> 2132 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>IMMUN,M CON MAJORS ONLY                             |  |           |            |
|                             |  |      |           |              | C MED 518                   | CLINICAL CONFERENCE<br>> 1333 A 1 TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>EC HST 1138<br>SUMMER TERM 7/14/94 TO<br>9/16/94                   |      |           | DENNIS,M<br>VAN HOOSER,<br>DI GIACOMO,R<br>LADGES,W<br>PRICE,I<br>LIGGITT,H | IMMUN 700                             | MASTER'S THESIS<br>> 2133 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>IMMUN,M CON MAJORS ONLY                                 |  |           |            |
|                             |  |      |           |              |                             |   |      |           |   | IMMUN 800                             | DOCTORAL DISSERTATN<br>> 2134 A VAR TO BE ARRANGED<br>CREDIT/NO CREDIT ONLY<br>IMMUN,M CON MAJORS ONLY                             |  |           |            |



# University of Washington

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
 SUN SECTION CRD DAY COMMENTS  
 SPEC CODE

## ORTHOPEDICS

ENTRY CODES ARE AVAILABLE IN HSD BB1033

ORTHP 498 UNDERGRAD THESIS  
 >2632 A VAR TO BE ARRANGED . . .

ORTHP 499 UNDERGRAD RESEARCH  
 >2639 A VAR TO BE ARRANGED . . .

ORTHP 505P P-PRECEP ORTHP  
 >2634 A 1 TO BE ARRANGED . . .

## OTOLARYNGOLOGY, HEAD & NECK SURGERY

ENTRY CODES ARE AVAILABLE IN HSD BB1165

OTCHN 499 UNDERGRAD THESIS  
 >2635 A VAR TO BE ARRANGED . . . WEYMULLER,E

>2636 B VAR TO BE ARRANGED . . . WEYMULLER,E  
 FIRST 6 WEEKS  
 >2637 C VAR TO BE ARRANGED . . . WEYMULLER,E  
 SECOND 6 WEEKS  
 12 WKS

OTCHN 499 UNDERGRAD RESEARCH  
 >2638 A VAR TO BE ARRANGED . . . WEYMULLER,E

## PATHOLOGY

PATH 498 UNDERGRAD THESIS  
 2656 A VAR TO BE ARRANGED . . .

PATH 499 UNDERGRAD RESEARCH  
 >2657 A VAR TO BE ARRANGED . . .  
 EC HSA C516

PATH 501 CELLULAR RESP INJ  
 2658 A 3 T 830-1030 HST T530

PATH 507 CELL PATHOLOGY  
 >2659 A 2 TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 MOLECULAR BIOLOGY OF  
 DISEASE

PATH 551 EXPR & MOLEC PATH  
 >2660 A 2-5 TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 EC HSA C516

PATH 563 NEUROPATHOLOGY  
 2661 A VAR TO BE ARRANGED . . . SHAW,C  
 CREDIT/NO CREDIT ONLY  
 PERM BY INSTR SUWLS  
 ALVORDE

PATH 564 NEUROPATH BRN MCD  
 >2662 A 4 TO BE ARRANGED . . . ALVORDE  
 CREDIT/NO CREDIT ONLY  
 EC HSA C516

PATH 584 NEURP BRN MOL LAB  
 >2663 A 4 TO BE ARRANGED . . . ALVORDE  
 EC HSA C516

PATH 600 INDEPNNT STDY/RSCH  
 >2664 A VAR TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 INSTRUCTOR LD. HSA C516

PATH 700 MASTERS THESIS  
 >2665 A VAR TO BE ARRANGED . . .  
 PERM BY INSTR

PATH 800 DOCTORAL DISSERTATN  
 >2666 A VAR TO BE ARRANGED . . .  
 INSTRUCTOR LD. HSA C516  
 PERM BY INSTR

## PEDIATRICS

ENTRY CODES ARE AVAILABLE IN HSR RR314

PEDS 498 UNDERGRAD THESIS  
 >2696 A VAR TO BE ARRANGED . . .  
 EC HSR RR314

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
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PEDS 499 UNDERGRAD RESEARCH  
 >2697 A VAR TO BE ARRANGED . . .  
 EC HSR RR314  
 >2698 B VAR TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 EC HSR RR314

PEDS 500P P-TOPICS ADOLB MED  
 2699 A 1 T 800-900 HST T360 SMITH,M  
 FARROW,J

PEDS 505P P-PRECEP IN PEDS  
 >2700 A 1 TO BE ARRANGED . . .  
 EC HSR RR314/526-2008

## PHARMACOLOGY

PHCOL 498 UNDERGRAD THESIS  
 >2726 A VAR TO BE ARRANGED . . .  
 DROP CODE REQUIRED  
 PERM BY INSTR

PHCOL 499 UNDERGRAD RESEARCH  
 >2727 A VAR TO BE ARRANGED . . .  
 DROP CODE REQUIRED

PHCOL 515 GEN PHARMACOL LAB  
 >2728 A VAR TO BE ARRANGED . . .  
 FOR GR & PROF STDNTS WHO WANT RSCH  
 LB EXPERIENCE; PERM OF INSTR

PHCOL 519 INT LAB RES PHCOL  
 2729 A 4 TO BE ARRANGED . . . KREBSE  
 MAJORS ONLY

PHCOL 600 INDEPNNT STDY/RSCH  
 >2730 A VAR TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 MAJORS ONLY

PHCOL 700 MASTERS THESIS  
 >2731 A VAR TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 MAJORS ONLY

PHCOL 800 DOCTORAL DISSERTATN  
 >2732 A VAR TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 MAJORS ONLY

## PHYSIOLOGY AND BIOPHYSICS

ENTRY CODES ARE AVAILABLE IN HSD G424

P BIO 498 UNDERGRAD THESIS  
 >2639 A VAR TO BE ARRANGED . . .  
 EC HSD G424  
 INSTR PERM ONLY

P BIO 499 UNDERGRAD RESEARCH  
 >2640 A VAR TO BE ARRANGED . . .  
 EC HSD G424  
 INSTR PERM ONLY

P BIO 508 PHYSIOLOGY LAB  
 >2641 ZN 2-5 TO BE ARRANGED . . . COOK,D  
 EC HSD G424  
 INSTR PERM REQUIRED

P BIO 520 PHYSIOLOGY SEMINAR  
 >2642 A VAR TO BE ARRANGED . . .  
 EC HSD G424

P BIO 521 BIOPHYSICS SEMINAR  
 >2643 A VAR TO BE ARRANGED . . .  
 EC HSD G424

P BIO 522 SEL TOPICS RES PHYS  
 >2644 A 1-3 TO BE ARRANGED . . . HILDEBRANDT,  
 EC HSD G424  
 INSTR PERM REQUIRED

P BIO 527 RDGS ADV PHYS & BIO  
 >2645 A VAR TO BE ARRANGED . . .  
 EC HSD G424

P BIO 600 INDEPNNT STDY/RSCH  
 >2646 A 1-9 TO BE ARRANGED . . .  
 P BIO, NEU, M CON MAJORS ONLY

P BIO 700 MASTERS THESIS  
 >2647 A 1-9 TO BE ARRANGED . . .  
 INSTRUCTOR ID HSD G424

P BIO 800 DOCTORAL DISSERTATN  
 >2648 A 1-9 TO BE ARRANGED . . .  
 P BIO, M CON MAJORS ONLY  
 MSTR P BIO STUDENTS ALSO

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
 SUN SECTION CRD DAY COMMENTS  
 SPEC CODE

## PSYCHIATRY & BEHAVIORAL SCIENCES

PSCHI 499 H-UNDERGRAD RESCH  
 >2674 A VAR TO BE ARRANGED . . .  
 H EC AVAIL FROM PAM JENSEN, HSB  
 BB 1661, CALL 543-3924, 8:30-4:30

## RADIATION ONCOLOGY

R ONC 499 UNDERGRAD RESEARCH  
 >2979 A VAR TO BE ARRANGED . . . KOH,W  
 CREDIT/NO CREDIT ONLY  
 EC UMC NN136

## RADIOLOGY

RADGY 498 UNDERGRAD THESIS  
 >2980 A VAR TO BE ARRANGED . . . NELSON,J  
 EC HSR RR210

RADGY 499 UNDERGRAD RESEARCH  
 >2981 A VAR TO BE ARRANGED . . . NELSON,J  
 EC HSR RR210

RADGY 500P P-NUCLR MED TECH  
 >2982 A 2.5 TO BE ARRANGED . . . NEMP,W  
 EC UMC NN203 GRAHAM,M  
 KROHN,K  
 CHESKUT,C  
 EARY,J

RADGY 600 INDEPNNT STDY/RSCH  
 >2983 A VAR TO BE ARRANGED . . .  
 INSTRUCTOR LD. HSR RR210

## REHABILITATION MEDICINE

ENTRY CODES ARE AVAILABLE IN UMC CC902

REHAB 322 MEDICAL SCIENCE LAB  
 2984 ZN 1 TO BE ARRANGED . . . MC MILLAN,J  
 CREDIT/NO CREDIT ONLY  
 ONLY MAJORS FROM MED COLLEGE  
 P T MAJORS ONLY

REHAB 413 SPEC STDY PT  
 >2985 A 1-15 TO BE ARRANGED . . .  
 CREDIT/NO CREDIT ONLY  
 ONLY MAJORS FROM MED COLLEGE  
 P T MAJORS ONLY  
 INSTRUCTOR ID UMC CC902  
 2986 B 2 TH 200-320 HSB B1602 GUTHRIE,M  
 CREDIT/NO CREDIT ONLY  
 ONLY MAJORS FROM MED COLLEGE  
 P T MAJORS ONLY  
 >2987 ZA 1-5 TO BE ARRANGED . . . GUTHRIE,M  
 CREDIT/NO CREDIT ONLY  
 EC UMC CC902

REHAB 420 LOW EXTRM PROSTH I  
 2988 A 8 MTWTF 830-1150 HSB BB904 DRALLEA  
 MF 100-450 HSB BB904  
 TWTh 300-450 HSB B1404  
 ONLY MAJORS FROM MED COLLEGE  
 PR O MAJORS ONLY

REHAB 427 APPLIED P&O I  
 2989 A 1 W 100-200 HSB BB904 DRALLEA  
 ONLY MAJORS FROM MED COLLEGE  
 PR O MAJORS ONLY

REHAB 430 ADV LIMS PROS ENG  
 2990 A 4 TH 100-250 HSB BB904 YAMANE,A  
 ONLY MAJORS FROM MED COLLEGE  
 PR O MAJORS ONLY OKUMURA,R

REHAB 471 THERA EX PROCED I  
 2991 AA 5 TH 1200-150 HSD E216 TROTTER,M  
 MW 1030-120 HSB BB912  
 MW 1030-120 HSB BB916  
 ONLY MAJORS FROM MED COLLEGE  
 P T MAJORS ONLY

REHAB 475 PHYSICAL RESTORATN  
 2992 AA 4 MW 800-950 HSB BB912 HERTLING,D  
 MW 800-950 HSB BB916  
 TH 800-1050 HSB BB912  
 ONLY MAJORS FROM MED COLLEGE  
 P T MAJORS ONLY  
 T TH 8:00-10:50 HSB BB916

# Summer Quarter Time Schedule

| DEPT<br>SLN<br>SPEC CODE               | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS  | TIME           | BLDG ROOM | INSTR  | DEPT<br>SLN<br>SPEC CODE               | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS  | TIME           | BLDG ROOM | INSTR      | DEPT<br>SLN<br>SPEC CODE   | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS  | TIME                  | BLDG ROOM            | INSTR               |  |
|--|--------------------------|---|----------------|-----------|--|--|--------------------------|---|----------------|-----------|------------|--|--------------------------|---|-----------------------|----------------------|---------------------|--|
| <b>REHABILITATION MEDICINE (cont.)</b> |                          |   |                |           |  | <b>REHABILITATION MEDICINE (cont.)</b> |                          |   |                |           |            | <b>NURSING</b>   |                          |   |                       |                      |                     |  |
| REHAB<br>2993                          | A<br>2                   | CLIN CLERKSHIP P T<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>P T MAJORS ONLY                                  | TO BE ARRANGED |           | TROTTER,M  | REHAB<br>3012                          | A<br>1                   | ELCTRM Y & ELCTRD LB<br>CREDIT/NO CREDIT ONLY<br>RESIDENCY IN REHAB MED; OTHERS BY<br>PERM OF INSTR | TO BE ARRANGED |           | KRAFT,G    | NURS<br>> 2533   | A<br>1-5                 | UNDERGRAD RESEARCH<br>CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>INSTRUCTOR LD. HST T310 | TO BE ARRANGED        |                      |                     |  |
| REHAB<br>2994                          | A<br>4-12                | CLIN FIELDWORK OT<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>O T MAJORS ONLY                                   | TO BE ARRANGED |           | HAGER,M<br>AMUNDSON,S  | REHAB<br>> 3013                        | A<br>VAR                 | INDEPENDNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902                            | TO BE ARRANGED |           |            | NURS<br>2534   | SA<br>3                  | FAM CONCEPTS HLT IL<br>W  | 130-420               | HST T473             | PRICE,M             |  |
| REHAB<br>2995                          | A<br>2-12                | CLIN AFL PHYS THRPY<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>P T MAJORS ONLY                                 | TO BE ARRANGED |           | TROTTER,M  | REHAB<br>> 3014                        | B<br>VAR                 | INDEPENDNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902                            | TO BE ARRANGED |           |            | NURS<br>> 2535   | SA<br>2-9                | ADV PRAC FAM NSG<br>Th  | 1200-130              | HST T408             | SCHPEP,K            |  |
| REHAB<br>> 2996                        | A<br>1-9                 | SPECIAL TOPICS<br>CREDIT/NO CREDIT ONLY<br>EC UMC CC902   | TO BE ARRANGED |           |  | REHAB<br>> 3015                        | C<br>VAR                 | INDEPENDNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902                            | TO BE ARRANGED |           |            | NURS<br>> 2536   | SA<br>3                  | FAM NSG SYSTEM PERS<br>Th   | 200-500               | HST T531             | SCHPEP,K            |  |
| REHAB<br>> 2997                        | C<br>1-9                 | SPECIAL TOPICS<br>CREDIT/NO CREDIT ONLY<br>EC UMC CC902   | TO BE ARRANGED |           | JOHNSON,K  | REHAB<br>> 3016                        | D<br>1                   | INDEPENDNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>ASSISTIVE TECHNOLOGY PRACTICUM                     | TO BE ARRANGED |           |            | NURS<br>> 2537   | SA<br>1-12               | SPECIAL PROJECTS<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. PATHWAYS DEPTS            |                       |                      |                     |  |
| REHAB<br>> 2998                        | A<br>VAR                 | UNDERGRAD THESIS<br>INSTRUCTOR ID UMC CC902   | TO BE ARRANGED |           |  | REHAB<br>> 3017                        | A<br>VAR                 | MASTERS THESIS<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902                                  | TO BE ARRANGED |           |            | NURS<br>> 2538   | SA<br>1-3                | SEL RDGS IN NSG SCI<br>Th   | EC HST T310           |                      |                     |  |
| REHAB<br>> 2999                        | A<br>VAR                 | UNDERGRAD RESEARCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902  | TO BE ARRANGED |           |  | REHAB<br>> 3018                        | B<br>VAR                 | MASTERS THESIS<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902                                  | TO BE ARRANGED |           |            | NURS<br>> 2539   | SA<br>VAR                | DOCTORAL DISSERTATH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T303               | TO BE ARRANGED        |                      |                     |  |
| REHAB<br>> 3000                        | A<br>1-5                 | SPEC CLIN EXP PT<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>P T, REHAB MAJORS ONLY<br>EC UMC CC902             | TO BE ARRANGED |           | BRADY,D<br>WASHINGTON,K  | REHAB<br>> 3019                        | C<br>VAR                 | MASTERS THESIS<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902                                  | TO BE ARRANGED |           |            | <b>PARENT AND CHILD NURSING</b>  |                          |   |                       |                      |                     |  |
| REHAB<br>> 3001                        | A<br>2-5                 | PT MGT MOT PRGB<br>EC UMC CC902   | TO BE ARRANGED |           | GUTHRIE,M  | SURG<br>> 3248                         | A<br>VAR                 | UNDERGRAD THESIS<br>HMC 7C 17   | TO BE ARRANGED |           | LANGDALE,J | PCN<br>> 2679  | SA<br>3                  | WOMEN'S HEALTH<br>F   | 830-1130              | HST T635             | WOODS,N             |  |
| REHAB<br>> 3002                        | A<br>1-5                 | SPEC STUDIES IN PT<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>REHAB P T MAJORS ONLY<br>INSTRUCTOR ID UMC CC902 | TO BE ARRANGED |           |  | SURG<br>> 3249                         | A<br>VAR                 | UNDERGRAD RESEARCH<br>HMC 7C 17   | TO BE ARRANGED |           | LANGDALE,J | PCN<br>> 2680  | SA<br>2-12               | ADV PRACTICUM<br>F  | 1230-130              | HST T408             |                     |  |
| REHAB<br>> 3003                        | ZA<br>1-5                | SPEC STUDIES IN PT<br>CREDIT/NO CREDIT ONLY<br>EC UMC CC902   | TO BE ARRANGED |           | GUTHRIE,M  | SURG<br>> 3250                         | A<br>1                   | P-PRECEPT SURGERY<br>HMC 7C 17  | TO BE ARRANGED |           | LANGDALE,J | PCN<br>> 2681  | SA<br>2-12               | ADV PRACTICUM<br>F  | 1230-130              | HST T408             |                     |  |
| REHAB<br>> 3004                        | A<br>1-5                 | SEMINAR<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>MAJORS ONLY   | 1030-1220      | HSR RR134 | LITTLE,J<br>KRAFT,G<br>SLDP,J<br>CZERNIECKI,L<br>HALARE<br>ROBINSON,L<br>JOHNSON,K | SURG<br>> 3251                         | A<br>VAR                 | INDEPENDNT STDY/RSCH<br>INSTRUCTOR LD. HMC 7C17   | TO BE ARRANGED |           |            | PCN<br>> 2682  | SA<br>2-12               | PED PULMONARY NURS<br>F   | 1230-230              | HST T531             | RATCLIFFE,M         |  |
| REHAB<br>> 3005                        | B<br>1-5                 | SEMINAR<br>CREDIT/NO CREDIT ONLY<br>ASSISTIVE TECH SUMMER INST  | TO BE ARRANGED |           |  | UROL<br>> 3355                         | A<br>VAR                 | UNDERGRAD THESIS<br>TO BE ARRANGED  | TO BE ARRANGED |           |            | PCN<br>> 2683  | SA<br>2                  | PED PULMONARY NURS<br>F   | 1230-230              | HST T531             | RATCLIFFE,M         |  |
| REHAB<br>> 3006                        | A<br>5-6                 | CL AFL REHAB COUNS<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902  | TO BE ARRANGED |           |  | UROL<br>> 3356                         | A<br>VAR                 | UNDERGRAD RESEARCH<br>TO BE ARRANGED  | TO BE ARRANGED |           |            | PCN<br>> 2684  | SA<br>3                  | EMBRYOLOGY-GENETICS<br>T  | 830-1230              | HST T531             | BLACKBURN,S         |  |
| REHAB<br>> 3007                        | A<br>1-3                 | TEACHING PRACTICUM<br>CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM MED COLLEGE<br>MAJORS ONLY<br>INSTRUCTOR ID UMC CC902           | TO BE ARRANGED |           |  | UROL<br>> 3357                         | A<br>1                   | P-UROL PRECEPT<br>TO BE ARRANGED  | TO BE ARRANGED |           |            | PCN<br>> 2685  | SA<br>2-3                | PROF ISSUES PCN<br>T  | 130-430               | HST T658             | FLAGLER,S<br>CARR,C |  |
| REHAB<br>> 3008                        | A<br>3                   | TECH IN REHAB/EDUC<br>TERM B<br>EC UMC CC902  | TO BE ARRANGED |           | ANSON,D  | <b>SCHOOL OF NURSING</b>               |                          |   |                |           |            | PCN<br>> 2686  | SA<br>4                  | CHILD BEARING I<br>T  | TO BE ARRANGED        |                      | LUTZ,J              |  |
| REHAB<br>> 3009                        | A<br>1-9                 | SPECIAL TOPICS<br>CREDIT/NO CREDIT ONLY<br>EC UMC CC902   | TO BE ARRANGED |           | DEITZ,J<br>GUTHRIE,M<br>JOHNSON,K  | <b>COMMUNITY HEALTH CARE SYSTEMS</b>   |                          |   |                |           |            | PCN<br>> 2687  | SS<br>4                  | SEL TOPICS IN PCN<br>F  | 1030-1230<br>1240-240 | HST T474<br>HST T478 | MITCHELLE           |  |
| REHAB<br>> 3010                        | A<br>1-12                | PRACTICUM IN REHAB<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR ID UMC CC902  | TO BE ARRANGED |           |  | CHCS<br>1355                           | SA<br>3/4                | ADV FLD WIK COM HL N<br>2-6<br>HSTR LD CODES HST T517   | TO BE ARRANGED |           |            | CHCS<br>1356   | SA<br>3                  | TOPICS IN COMP NURS<br>T<br>"MULTICULTURAL FAMILY HEALTH"                             | 930-1220              | HSD E214             | SCHULTZ,P           |  |
| REHAB<br>3011                          | A<br>4                   | EMG&CLIN NEUROPHYS<br>RESIDENCY IN REHAB MED; OTHERS BY<br>PERM OF INSTR  | 930-1220       | HSB B1602 | KRAFT,G<br>GITTERA<br>ROBINSON,L   | CHCS<br>1357                           | SA<br>3                  | TRANSCULT NUR PRACT<br>T  | 940-1150       | HST T525  | CHRSMAN,M  | CHCS<br>> 1358   | SA<br>VAR                | INDEPENDNT STDY/RSCH<br>CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T517              | TO BE ARRANGED        |                      |                     |  |
|  |                          |   |                |           |  | <b>PHYSIOLOGICAL NURSING</b>           |                          |   |                |           |            | ENTRY CODES ARE AVAILABLE IN HST T610  |                          |   |                       |                      |                     |  |
|  |                          |   |                |           |  |  |                          |   |                |           |            | PN 504 CLIN THERAPEUTICS<br>2817 SA 3 T 830-1150 HST T359 HEITKEMPER<br>CUNNINGHAM |                          |   |                       |                      |                     |  |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

**University of Washington**

| DEPT<br>SLN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
|--------------------------|--------------------------|--------------------------|------|-----------|-------|
|--------------------------|--------------------------|--------------------------|------|-----------|-------|

**PHYSIOLOGICAL NURSING (cont.)**

|  |            |  |          |          |           |
|--|------------|--|----------|----------|-----------|
| PN 510<br>2818                                   | SA<br>3    | CURRIC DEV IN N ED<br>W                | 830-1150 | HST T473 | LOUSTAUA  |
| PN 544<br>2819                                   | SA<br>1-10 | CL PHYS N SEM II<br>T                  | 110-320  | HST T616 | BONDJ     |
| 2820   | SB<br>1-10 | CRITICAL CARE, PLUS 7 HRS*<br>T        | 110-320  | HST T408 | WOODS,S   |
| 2821   | SC<br>1-10 | CARDIO-VASCULAR, PLUS 7 HRS*<br>T      | 110-320  | HST T419 | GALLUCCIO |
| 2822   | SE<br>1-10 | PLUS 7 HRS*, GER/NS/ONC<br>T           | 110-320  | HST T525 | BELZAB    |
| 2823   | SF<br>1-10 | A/GRP<br>T                             | 110-320  | HST T421 | HARLOER   |
| PN 545<br>2824                                   | SE<br>3    | SPECIAL TOPICS-PN<br>W                 | 110-420  | HST T616 | WLNED     |
| ONCOLOGY   |            |  |          |          |           |
| PN 600<br>> 2825                                 | SA<br>VAR  | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |          |          |           |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T617 |            |  |          |          |           |
| PN 700<br>> 2826                                 | SA<br>VAR  | MASTERS THESIS<br>TO BE ARRANGED       |          |          |           |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T617 |            |  |          |          |           |

**PSYCHOSOCIAL NURSING**

|  |            |  |          |          |          |
|--|------------|--|----------|----------|----------|
| PSN 505<br>2880                                  | SC<br>3    | TOP PSYCHOSOC NURS<br>W  | 900-1150 | HST T360 | BETRUSP  |
| BIOLOGICAL INTERVENTIONS                         |            |  |          |          |          |
| > 2881   | SH<br>2-10 | CREDIT/NO CREDIT ONLY<br>NURS MAJORS ONLY<br>INSTRUCTOR LD. HST T403<br>ADVANCE PRACTICE |          |          |          |
| PSN 509<br>2882                                  | SA<br>3    | VIOLENCE & AGGRESSN<br>T   | 100-400  | HSD E214 | BETRUSP  |
| PSN 513<br>2883                                  | SA<br>3    | SEM GROUP TREATMENT<br>W   | 110-320  | HST T635 | MURPHY,S |
| PSN 553<br>2884                                  | SA<br>3    | ASSESSMENT IN PSN<br>T   | 900-1220 | HST T658 | THOMAS,M |
| PSN 600<br>> 2886                                | SA<br>VAR  | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED   |          |          |          |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T403 |            |  |          |          |          |
| PSN 700<br>> 2887                                | SA<br>1-9  | MASTERS THESIS<br>TO BE ARRANGED   |          |          |          |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T403 |            |  |          |          |          |

**COLLEGE OF OCEAN AND FISHERY SCIENCES**

**FISHERIES**

ENTRY CODES ARE AVAILABLE IN FSH 211

|                       |          |  |         |        |  |
|-----------------------|----------|--|---------|--------|--|
| FISH 101<br>1911      | A<br>5   | INTRO FISHERIES SCI<br>MTWTF           | 830-930 | FS 201 |  |
| FISH 498<br>> 1912    | A<br>1-9 | INTERNSHIP<br>TO BE ARRANGED           |         |        |  |
| CREDIT/NO CREDIT ONLY |          |  |         |        |  |
| FISH 499<br>> 1913    | B<br>1-5 | UNDERGRAD RESEARCH<br>SPECIAL PROBLEMS |         |        |  |
| FISH 501<br>> 1914    | A<br>1-9 | INTERNSHIP<br>TO BE ARRANGED           |         |        |  |
| CREDIT/NO CREDIT ONLY |          |  |         |        |  |
| FISH 600<br>> 1915    | A<br>VAR | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |         |        |  |
| CREDIT/NO CREDIT ONLY |          |  |         |        |  |

| DEPT<br>SLN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
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|                       |          |                                       |  |  |  |
|-----------------------|----------|---------------------------------------|--|--|--|
| FISH 700<br>> 1917    | A<br>VAR | MASTERS THESIS<br>TO BE ARRANGED      |  |  |  |
| CREDIT/NO CREDIT ONLY |          |                                       |  |  |  |
| FISH 800<br>> 1919    | A<br>VAR | DOCTORAL DISSERTATN<br>TO BE ARRANGED |  |  |  |
| CREDIT/NO CREDIT ONLY |          |                                       |  |  |  |

**FOOD SCIENCE**

ENTRY CODES ARE AVAILABLE IN FISH 211

|                     |          |  |  |  |         |
|---------------------|----------|--|--|--|---------|
| FD SC 483<br>1898   | A<br>3   | FOOD ANALYSIS<br>TO BE ARRANGED        |  |  | RASCO,B |
| FD SC 498<br>> 1899 | A<br>3-5 | UNDERGRAD THESIS<br>TO BE ARRANGED     |  |  |         |
| FD SC 600<br>> 1900 | A<br>VAR | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |  |  |         |
| FD SC 700<br>> 1901 | A<br>VAR | MASTERS THESIS<br>TO BE ARRANGED       |  |  |         |

**OCEANOGRAPHY**

ENTRY CODES ARE AVAILABLE IN OTB 108  
OVERLOAD POLICY: OCEAN 101 SEE INSTR AFTER CLASS  
OTHER COURSES CONTACT DELLA ROGERS OTB 108

|   |           |  |          |         |             |
|---|-----------|--|----------|---------|-------------|
| OCEAN 101<br>2555                           | AA<br>5   | SURVEY OCEANOGRAPHY<br>MTWTh           | 940-1040 | OTB 014 | STUCKLAND,R |
| F 940-1040 OTB 014                          |           |  |          |         |             |
| 2556  | U<br>5    | TTh                                    | 700-940P | OTB 014 | STUCKLAND,R |
| OCEAN 498<br>> 2557                         | A<br>1-12 | UNDERGRAD RESEARCH<br>TO BE ARRANGED   |          |         |             |
| INSTRUCTOR LD. OTB 108                      |           |  |          |         |             |
| OCEAN 500<br>> 2558                         | A<br>VAR  | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |          |         |             |
| GRADS ONLY<br>MAJORS ONLY<br>OTHERS BY PERM |           |  |          |         |             |
| OCEAN 700<br>> 2560                         | A<br>VAR  | MASTERS THESIS<br>TO BE ARRANGED       |          |         |             |
| INSTRUCTOR LD. OTB 108                      |           |  |          |         |             |
| OCEAN 800<br>> 2562                         | A<br>VAR  | DOCTORAL DISSERTATN<br>TO BE ARRANGED  |          |         |             |
| GRADS ONLY<br>MAJORS ONLY<br>OTHERS BY PERM |           |  |          |         |             |

**SCHOOL OF MARINE AFFAIRS**

ENTRY CODES ARE AVAILABLE IN MAR 105

|  |          |  |  |  |  |
|--|----------|--|--|--|--|
| SMA 499<br>> 3095  | A<br>1-3 | UNDERGRAD RESEARCH<br>TO BE ARRANGED   |  |  |  |
| INSTR LD. MAR 105 OR CALL<br>543-4326                          |          |  |  |  |  |
| SMA 600<br>> 3096  | A<br>VAR | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |  |  |  |
| INSTR LD. MAR 105 OR CALL<br>543-4326                          |          |  |  |  |  |
| > 3097   | B<br>VAR | UNDERGRAD RESEARCH<br>TO BE ARRANGED   |  |  |  |
| CREDIT/NO CREDIT ONLY<br>INSTR LD. MAR 105 OR CALL<br>543-4326 |          |  |  |  |  |
| SMA 700<br>> 3098  | A<br>VAR | MASTERS THESIS<br>TO BE ARRANGED       |  |  |  |
| INSTR LD. MAR 105 OR CALL<br>543-4326                          |          |  |  |  |  |

**SCHOOL OF PHARMACY**

**MEDICINAL CHEMISTRY**

|                         |          |                                      |  |  |  |
|-------------------------|----------|--------------------------------------|--|--|--|
| MEDCH 499<br>> 2378     | A<br>VAR | UNDERGRAD RESEARCH<br>TO BE ARRANGED |  |  |  |
| INSTRUCTOR LD. HST T329 |          |                                      |  |  |  |

| DEPT<br>SLN<br>SPEC CODE | COURSE<br>SECTION<br>CRD | TITLE<br>DAY<br>COMMENTS | TIME | BLDG ROOM | INSTR |
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|                       |          |  |  |  |  |
|-----------------------|----------|--|--|--|--|
| MEDCH 600<br>> 2379   | A<br>VAR | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |  |  |  |
| CREDIT/NO CREDIT ONLY |          |  |  |  |  |
| MEDCH 700<br>> 2380   | A<br>VAR | MASTERS THESIS<br>TO BE ARRANGED       |  |  |  |
| CREDIT/NO CREDIT ONLY |          |  |  |  |  |
| MEDCH 800<br>> 2381   | A<br>VAR | DOCTORAL DISSERTATN<br>TO BE ARRANGED  |  |  |  |
| CREDIT/NO CREDIT ONLY |          |  |  |  |  |

**PHARMACEUTICS**

|                         |          |  |  |  |  |
|-------------------------|----------|--|--|--|--|
| PCEUT 499<br>> 2675     | A<br>VAR | UNDERGRAD RESEARCH<br>TO BE ARRANGED   |  |  |  |
| INSTRUCTOR LD. HST T329 |          |  |  |  |  |
| PCEUT 600<br>2676       | A<br>1-9 | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |  |  |  |
| CREDIT/NO CREDIT ONLY   |          |  |  |  |  |
| PCEUT 700<br>> 2677     | A<br>1-9 | MASTERS THESIS<br>TO BE ARRANGED       |  |  |  |
| CREDIT/NO CREDIT ONLY   |          |  |  |  |  |
| PCEUT 800<br>> 2678     | A<br>1-9 | DOCTORAL DISSERTATN<br>TO BE ARRANGED  |  |  |  |
| CREDIT/NO CREDIT ONLY   |          |  |  |  |  |

**PHARMACY**

|   |           |  |  |  |              |
|---|-----------|--|--|--|--------------|
| PHARM 505<br>> 2714                                 | A<br>3    | CLIN DISPENS PHARM<br>TO BE ARRANGED   |  |  | DAVSP        |
| CREDIT/NO CREDIT ONLY<br>EC HST T329                |           |  |  |  |              |
| PHARM 470<br>2715                                   | A<br>8    | COMMUNITY PRACTICUM<br>TO BE ARRANGED  |  |  | O SULLIVAN,T |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY                |           |  |  |  |              |
| PHARM 471<br>2716                                   | A<br>4    | INST DIST PRACTICUM<br>TO BE ARRANGED  |  |  | O SULLIVAN,T |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY                |           |  |  |  |              |
| PHARM 486<br>2717                                   | A<br>4    | INST CLIN PRACTICUM<br>TO BE ARRANGED  |  |  | O SULLIVAN,T |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY                |           |  |  |  |              |
| PHARM 487<br>2718                                   | A<br>4    | ADV CLIN PRACTICUM<br>TO BE ARRANGED   |  |  | O SULLIVAN,T |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>EC HST T329 |           |  |  |  |              |
| PHARM 488<br>> 2719                                 | A<br>1-16 | ELECT ADV PRACTICUM<br>TO BE ARRANGED  |  |  | O SULLIVAN,T |
| CREDIT/NO CREDIT ONLY<br>MAJORS ONLY<br>EC HST T329 |           |  |  |  |              |
| PHARM 489<br>> 2720                                 | A<br>4-8  | DRUG INFORMATION<br>TO BE ARRANGED     |  |  | MURREN       |
| CREDIT/NO CREDIT ONLY<br>EC HST T329                |           |  |  |  |              |
| PHARM 495<br>> 2721                                 | A<br>VAR  | SPEC STUDIES PHARM<br>TO BE ARRANGED   |  |  |              |
| EC HST T329   |           |  |  |  |              |
| PHARM 499<br>> 2722                                 | A<br>VAR  | UNDERGRAD RESEARCH<br>TO BE ARRANGED   |  |  |              |
| CREDIT/NO CREDIT ONLY<br>INSTRUCTOR LD. HST T329    |           |  |  |  |              |
| PHARM 501<br>2723                                   | A<br>2    | ORIENT PHARM D<br>TO BE ARRANGED       |  |  | MURREN       |
| CREDIT/NO CREDIT ONLY                               |           |  |  |  |              |
| PHARM 587<br>2724                                   | A<br>4    | ADV CLIN PRACTICUM<br>TO BE ARRANGED   |  |  | HORNJ        |
| CREDIT/NO CREDIT ONLY<br>PHR D MAJORS ONLY          |           |  |  |  |              |
| PHARM 600<br>> 2725                                 | A<br>1-9  | INDEPENDNT STDY/RSCH<br>TO BE ARRANGED |  |  |              |
| CREDIT/NO CREDIT ONLY<br>PHR D MAJORS ONLY          |           |  |  |  |              |



DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

**SCHOOL OF PUBLIC AFFAIRS**

**PUBLIC AFFAIRS**

PB AF 516 MICROECON POL ANALYS  
> 2667 A 3 MW 440-650P PAR 213 MCNTREE,J  
TERM A  
EC PAR 208

PB AF 522 PUB MGMT BUDGETING  
> 2668 A 3 TTh 600-820P PAR 213 DWELLY,D  
TERM A  
EC PAR 208

PB AF 565 TPCS URB & REG AFRS  
> 2669 A 3 MWF 830-1000 PAR 206 SOMKERS,P  
TERM A  
EC PAR 208  
REGIONAL ECONOMIC ANALYSIS  
AND DEVELOPMENT

PB AF 598 SKILLS WORKSHOP  
> 2670 U 1 MW 530-750P PAR 120 KELITZ,NL  
TERM A  
CREDIT/NO CREDIT ONLY  
EC PAR 208  
BOARD AND VOLUNTEER RELATIONS  
FOR NON-PROFIT ORGANIZATIONS  
JUNE 20,22,27,29 ONLY

> 2671 V 1 TTh 530-750P PAR 120 HARRIS,M  
TERM A  
CREDIT/NO CREDIT ONLY  
EC PAR 208  
JULY 5,7,12,14 ONLY  
BUILDING AND MANAGING YOUR OWN ARTS  
ORGANIZATION: A BUSINESS GUIDE FOR  
NOT-FOR-PROFIT ENTREPRENEURS

PB AF 600 INDEPENDNT STDY/RSCH  
> 2672 A VAR TO BE ARRANGED  
GRADS ONLY  
INSTRUCTOR LD. PAR 208

PB AF 605 DEGREE PROJECT  
> 2673 A 1-6 TO BE ARRANGED  
MAJORS ONLY  
INSTRUCTOR LD. PAR 208

**SCHOOL OF PUBLIC HEALTH & COMMUNITY MED**

**BIOSTATISTICS**

BIOST 511 MED BIOMETRY I  
> 1261 A 4 MTWTh 1000-1130 HST T639 WAHL,P  
EC HSD F600  
7/5 - 8/12

BIOST 578 SPEC TOP ADV BIOST  
1262 A 3 TTh 220-400 HSD E216 GREEN,P  
OFFERED JOINTLY WITH STAT 578 A  
CREDIT/NO CREDIT ONLY

1263 B 3 TTh 1200-120 HST T359  
OFFERED JOINTLY WITH STAT 578 B  
CREDIT/NO CREDIT ONLY

> 1264 C 3 MW 200-400 HST T359  
OFFERED JOINTLY WITH STAT 578 C  
CREDIT/NO CREDIT ONLY

1265 D 3 MW 1100-1220 HST T474  
ADD CODE REQUIRED (PD.182)  
OFFERED JOINTLY WITH STAT 578 D  
EC PDL B309  
NEW DRUG EVALS

DEPT SLN COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

BIOST 590 BIOSTAT CONSULTING  
> 1266 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
EC HSD F600  
4 HRS \*

BIOST 593 CANCER PREVENTN LAB  
> 1267 ZN 3 TO BE ARRANGED  
OFFERED JOINTLY WITH EPI 593 ZN  
CREDIT/NO CREDIT ONLY  
PERM OF INSTR

BIOST 600 INDEPENDNT STDY/RSCH  
> 1268 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F600

BIOST 700 MASTERS THESIS  
> 1269 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F600  
(MS STUDENTS ONLY)

BIOST 800 DOCTORAL DISSERTATN  
> 1270 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F600  
(PH D STUDENTS ONLY)

**ENVIRONMENTAL HEALTH**

ENTRY CODES ARE AVAILABLE IN HSD F461

ENVH 480 ENVIRNMTL HLTH PROBS  
> 1852 A VAR TO BE ARRANGED  
MAJORS ONLY

ENVH 482 EH INTERNSHIP  
1853 A 3-15 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
MAJORS ONLY

ENVH 499 UNDERGRAD RESEARCH  
> 1854 A VAR TO BE ARRANGED

ENVH 512 HAZARDOUS WASTE  
1856 A 3 MWF 940-1040 HST T474A DE WALLE,F

ENVH 520 BIO EFF (CHZ RAD  
1857 A 3 TTh 940-1110 HST T360

ENVH 532 REPRO AND DEVEL TOX  
1858 A 2 T 100-330 HST T474 FAUSTMAN,E  
F 830-1000 HST T474  
TERM B

ENVH 572 CLIN OCC MED  
1859 A 3 TO BE ARRANGED

ENVH 590 SELECTED TOPICS  
> 1860 A 1-6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

1861 B 2 MW 100-200 HST T474 DE WALLE,F  
CREDIT/NO CREDIT ONLY  
APP INFORMATICS EH

ENVH 595 RESEARCH ROTATION  
> 1862 A 3 TO BE ARRANGED

ENVH 599 FIELD STUDIES  
> 1863 A 2-6 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
GRADS ONLY  
ENVH/PC MJ

ENVH 600 INDEPENDNT STDY/RSCH  
> 1864 A VAR TO BE ARRANGED

ENVH 700 MASTERS THESIS  
> 1866 A VAR TO BE ARRANGED

ENVH 800 DOCTORAL DISSERTATN  
> 1867 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

**EPIDEMIOLOGY**

EPI 497 EPI SPEC ELECTVGS  
> 1868 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F259  
MED STUDENTS ONLY

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SPEC CODE SECTION CRD DAY COMMENTS

EPI 499 UNDERGRAD RESEARCH  
> 1869 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F259

EPI 525 TOPICS IN PREV MED  
1871 A 2 MTh 230-430 HST T530 FOY,H  
HENDERSON,M  
OFFERED JOINTLY WITH HSERV 505 A  
CREDIT/NO CREDIT ONLY  
7/5 - 8/12

EPI 531 PROG INTERNATL HLTH  
1872 A 3 MTWTF 830-950 HSD E216 GLOYD,S  
HSD E214  
OFFERED JOINTLY WITH HSERV 531 A

EPI 542 CLINICAL EPI  
1873 A 2 WF 1030-1220 HST T531 WEISS,N  
TERM B  
7/11 - 8/19

EPI 592 PROGRAM SEMINARS  
> 1874 F 1 M 1130-1250 HST T360 GLOYD,S  
GSH,Q  
OFFERED JOINTLY WITH HSERV 592 F  
CREDIT/NO CREDIT ONLY  
INT'L HLTH PROG

EPI 593 CANCER PREVENTN LAB  
> 1875 ZN 3 TO BE ARRANGED  
OFFERED JOINTLY WITH BIOST 593 ZN  
CREDIT/NO CREDIT ONLY  
EC HSD F259

EPI 600 INDEPENDNT STDY/RSCH  
> 1876 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F259

EPI 700 MASTERS THESIS  
> 1877 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F259

EPI 800 DOCTORAL DISSERTATN  
> 1878 A VAR TO BE ARRANGED  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR LD. HSD F259

**HEALTH SERVICES**

ENTRY CODES ARE AVAILABLE IN HSD F346

HSERV 475 PERSPECTS MED ANTH  
2050 A 5 MTWTF 940-1150 DEN 217 ERGL  
TERM A  
OFFERED JOINTLY WITH ANTH 475 A  
OTHERS BY PERM

HSERV 505 TOPICS IN PREV MED  
2053 A 2 MTh 230-430 HST T530 FOY,H  
OFFERED JOINTLY WITH EPI 525 A  
CREDIT/NO CREDIT ONLY  
GRADS ONLY  
7/1 - 8/9

HSERV 511 INTRO TO HLTH SVCS  
> 3437 C 3 MTWTh 830-950 HSD E216  
7/5-8/4

HSERV 512 INTRO MGMT HSERV  
2054 C 3 MTh 1230-330 HST T478  
W 1230-330 HST T663A  
CREDIT/NO CREDIT ONLY  
7/15-7/27

HSERV 531 PROG INTERNATL HLTH  
> 2055 A 3 MTWTF 830-950 HSD E216 GLOYD,S  
MTh 830-950 HSD E214  
TERM A  
OFFERED JOINTLY WITH EPI 531 A  
6/21 - 7/4, HSD E216 (M-F)  
7/5 - 7/22, HSD E214 (M,M,Th)

HSERV 532 PLN FIN HLTH INTL  
> 2056 A 3 MTW 100-320 HST T360 GSH,Q  
TERM B  
PLANNING & FINANCING HEALTH SERV:  
INTERNATIONAL PERSPECTIVES

HSERV 592 PROGRAM SEMINARS  
> 2064 F 1 M 1130-1250 HST T360 GLOYD,S  
GSH,Q  
OFFERED JOINTLY WITH EPI 592 F  
CREDIT/NO CREDIT ONLY

HSERV 595 FIELDWORK IN COMM H  
> 2065 A 1-12 TO BE ARRANGED  
CREDIT/NO CREDIT ONLY

HSERV 596 MHA FIELD PROJECT  
> 2066 A 3-6 TO BE ARRANGED

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SIN SECTION CRD DAY COMMENTS  
SPEC CODE

**HEALTH SERVICES (cont.)**

HSEV 597 INT HLTH PROJECT  
> 2057 A 12 TO BE ARRANGED \* \* GLOYD,S  
CREDIT/NO CREDIT ONLY HUMWEL,P

HSEV 600 INDEPNNT STDY/RSCH  
> 2059 A VAR TO BE ARRANGED \* \*

HSEV 700 MASTERS THESIS  
> 2071 A VAR TO BE ARRANGED \* \*

**PATHOBIOLOGY**

ENTRY CODES ARE AVAILABLE IN HSD F167

PABO 499 UNDERGRAD RESEARCH  
> 2649 A VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY

PABO 511 PATHOBIOLOG FRONTIERS  
2650 A 2 MTWTF 1130-1220 HST T635 KENNY,G  
TERM A  
CREDIT/NO CREDIT ONLY  
EC HSD F167; 6/21 - 7/21

PABO 583 MEMBRANE SEMINARS  
> 2651 A 1 Th 400-550 HSD E214 HAKOMORLS  
F 400-600 HSD E214  
EC HSD F167  
BIOMEMBRANE INSTITUTE (OFF-SITE)

PABO 590 SELECTED TOPICS  
> 2652 A 1-5 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
EC HSD F167

PABO 600 INDEPNNT STDY/RSCH  
> 2653 A VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. HSD F167

PABO 700 MASTERS THESIS  
> 2654 A VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. HSD F167

PABO 800 DOCTORAL DISSERTATN  
> 2655 A VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. HSD F167

**SCHOOL OF SOCIAL WORK**

STUDENTS MUST OBTAIN PERMISSION FROM INSTRUCTOR FOR AN OVERLOAD, THEN PROCEED TO SWS 23C FOR AN ENTRY CODE

**SOCIAL WELFARE**

ENTRY CODES ARE AVAILABLE IN SWS 023E

**SOCIAL WELFARE**

SOCWF 409 SOCL WLFR READINGS  
> 3133 A 1-5 TO BE ARRANGED \* \*

**SOCIAL WELFARE**

SOCWL 582 RESEARCH PRACTICUM  
> 3134 A 1-3 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
EC SWS 023C

SOCWL 583 RESEARCH PRACTICUM  
> 3135 A 1-3 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
EC SWS 023C

SOCWL 600 INDEPNNT STDY/RSCH  
> 3136 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR I.D. SWS 023C

> 3137 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
EC SWS 023C

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SIN SECTION CRD DAY COMMENTS  
SPEC CODE

SOCWL 600 DOCTORAL DISSERTATN  
> 3138 A 1-9 TO BE ARRANGED \* \*  
INSTRUCTOR I.D. SWS 023C

**SOCIAL WORK**

SOC W 509 READ IN SOC WORK  
> 3124 A VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
INSTRUCTOR I.D. SWS 023C

SOC W 515 FIRST FIELD PRACT  
> 3125 A 4 TO BE ARRANGED \* \* HANNEMAN,C  
CREDIT/NO CREDIT ONLY ROBERTS,E  
DROP CODE REQUIRED WRENN,R  
MSW ONLY

> 3126 B 1-8 TO BE ARRANGED \* \* HANNEMAN,C  
CREDIT/NO CREDIT ONLY ROBERTS,E  
DROP CODE REQUIRED WRENN,R  
MSW ONLY

> 3127 U 1-8 TO BE ARRANGED \* \* DELONG,J  
EC/DC SWS 023C 6/24-8/30  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
EC/DC SWS 023C

SOC W 535 SECOND FIELD PRACT  
> 3128 A 6 TO BE ARRANGED \* \* HANNEMAN,C  
CREDIT/NO CREDIT ONLY ROBERTS,E  
DROP CODE REQUIRED WRENN,R  
MSW ONLY, 6/24-8/30  
EC/DC SWS 023C

> 3129 B 2-10 TO BE ARRANGED \* \* HANNEMAN,C  
CREDIT/NO CREDIT ONLY ROBERTS,E  
DROP CODE REQUIRED WRENN,R  
MSW ONLY, 6/24-8/30  
EC/DC SWS 023C

> 3130 U 2-10 TO BE ARRANGED \* \* DELONG,J  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
EC/DC SWS 023C

SOC W 600 INDEPNNT STDY/RSCH  
> 3131 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR I.D. SWS 023C

SOC W 700 MASTERS THESIS  
> 3132 A VAR TO BE ARRANGED \* \*  
INSTRUCTOR I.D. SWS 023C

**TACOMA BRANCH CAMPUS**

**NURSING**

THURS 499 UNDERGRAD RESEARCH  
3332 A 1-5 T 130-330  
3333 B 1-5 TO BE ARRANGED  
> 3335 D 1-5 TO BE ARRANGED

**FRIDAY HARBOR LABORATORIES**

**COLLEGE OF ARTS & SCIENCES**

**BOTANY**

BOT 545 MARINE PHYCOLOGY  
1309 B 9 MTWTF 800-500 \* \* WAALAND,R  
Sd. 800-1150 \* \* LUNING,K  
PERM BY INSTR; FRIDAY HARBOR LABS  
7/18 - 8/20

BOT 600 INDEPNNT STDY/RSCH  
> 1314 B 1-9 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

BOT 700 MASTERS THESIS  
> 1316 B 1-9 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

BOT 800 DOCTORAL DISSERTATN  
> 1318 B 1-9 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

DEPT COURSE TITLE TIME BLDG ROOM INSTR  
SIN SECTION CRD DAY COMMENTS  
SPEC CODE

**ZOOLOGY**

ZOOL 432 MARINE INVERT ZOOL  
3410 A 9 MTWTF 800-500 \* \* KOHRA  
Sd. 800-1150 \* \* SHIN,G

PERM BY INSTR; FRIDAY HARBOR LABS  
6/13 - 7/16

ZOOL 498 SPEC PROB IN ZOOL  
3412 B 1-5 TO BE ARRANGED \* \* WILLOWS,A  
PERM BY INSTR; FRIDAY HARBOR LABS

ZOOL 533 ADV INVERT ZOOL  
3413 A 9 MTWTF 800-500 \* \* MC EDWARD,I  
Sd. 800-1150 \* \* WRAY,G

PERM BY INSTR  
FRIDAY HARBOR LABS  
6/13 - 7/16

EVOLUTION OF DEVELOPMENTAL PATTERNS  
3414 B 9 MTWTF 800-500 \* \* MARTIN,A  
Sd. 800-1150 \* \* PALUMB,S

PERM BY INSTR  
FRIDAY HARBOR LABS  
7/18 - 8/20  
MOLEC POP BIOL & ECOL

ZOOL 600 INDEPNNT STDY/RSCH  
> 3416 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

ZOOL 700 MASTERS THESIS  
> 3418 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

ZOOL 800 DOCTORAL DISSERTATN  
> 3420 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

**COLLEGE OF OCEAN AND FISHERY SCIENCES**

**FISHERIES**

FISH 600 INDEPNNT STDY/RSCH  
> 1916 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

FISH 700 MASTERS THESIS  
> 1918 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

FISH 800 DOCTORAL DISSERTATN  
> 1920 B 1-9 TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
PERM BY INSTR; FRIDAY HARBOR LABS

**OCEANOGRAPHY**

OCEAN 600 INDEPNNT STDY/RSCH  
> 2559 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
FRIDAY HARBOR LABS; PERM BY INSTR

OCEAN 700 MASTERS THESIS  
> 2561 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
FRIDAY HARBOR LABS; PERM BY INSTR

OCEAN 800 DOCTORAL DISSERTATN  
> 2563 B VAR TO BE ARRANGED \* \*  
CREDIT/NO CREDIT ONLY  
FRIDAY HARBOR LABS; PERM BY INSTR

**EVENING DEGREE**

THE FOLLOWING COURSE ARE FOR STUDENTS ADMITTED TO THE EVENING DEGREE PROGRAM. EVENING DEGREE STUDENTS MAY ENROLL IN THESE COURSE DURING REGISTRATION PERIODS I, II AND II. ACADEMIC ADVISING SHOULD BE COMPLETED PRIOR TO REGISTRATION (CALL 543-6160). DURING REGISTRATION PERIOD II ANY STUDENT ADMITTED TO THE UW CAN ENROLL IN THESE COURSES. FOR MORE INFORMATION ABOUT THE EVENING DEGREE PROGRAM CALL 543-6160.

DEPT COURSE TITLE  
SLN SECTION CRD DAY TIME BLDG ROOM INSTR  
SPEC CODE COMMENTS

**COLLEGE OF ARTS & SCIENCES**

**ANTHROPOLOGY**

ANTH 494 COMP MORALS & VALS  
1062 YA 3 W 600-830P DEN 205

NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**ART HISTORY**

ART H 203 SURV WEST ART-MOD  
1146 YA 5 TH 600-820P JHN 064 WIFF,B

NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

ART H 232 PHOTO THEORY & CRT  
1147 YA 3 T 600-850P CMU 120 SLEMJONS

NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**COMMUNICATIONS**

CMU 471 COMP MEDIA SYSTEMS  
3434 YA 5 MW 430-620P CMU 104 CHAN,T

OFFERED JOINTLY WITH SISCA 471 YA  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**ENGLISH**

ENGL 315 SHAKESPEAR AFT 1603  
1773 YA 5 TH 700-940P SAV 241

ADD CODE REQUIRED (PD.3)  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)  
MEETS LANG & LIT REQ  
ADD CODE REQUIRED (PD.3)  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR COLLEGE  
(PD.1 & 2)  
ADD CODE FROM INSTRUCTOR (PD.3)

ENGL 395 AGE OF VICTORIA  
1776 YA 5 MW 700-940P SAV 146 BLAKE,K

ADD CODE REQUIRED (PD.3)  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)  
ADD CODE FROM INSTRUCTOR (PD.3)

DEPT COURSE TITLE  
SLN SECTION CRD DAY TIME BLDG ROOM INSTR  
SPEC CODE COMMENTS

**GEOGRAPHY**

GEOG 342 GEOG INEQUALITY  
1978 YA 5 TH 600-820P SWI 405 PERAN  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**HISTORY**

**HISTORY OF THE AMERICAS**

HSTAA 303 MOD AM CIVL FR 1877  
2091 YA 5 TH 700-920P SWI 115 PATON-WALSH  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**MODERN EUROPEAN HISTORY**

HSTEU 406 INTELL HIST-19TH C  
2101 YA 5 TH 430-650P SWI 311 KANGAS,W  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**CANADIAN STUDIES PROGRAM**

SISCA 471 COMP MEDIA SYSTEMS  
3438 YA 5 MW 430-620P CMU 104 CHAN,T  
OFFERED JOINTLY WITH CMU 471 YA  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**POLITICAL SCIENCE**

POL S 325 ARAB-ISRL CONFLICT  
2839 YA 5 TH 430-650P SAV 315 GOLDBERGA  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

POL S 354 AM ELECTION & VOTE  
2841 YA 5 MW 430-650P SAV 313 MCCRONE,D  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**PSYCHOLOGY**

PSYCH 305 ABNORMAL PSYCHOLOGY  
2915 YA 5 TH 700-820P JHA 111 GEORGE,B  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

PSYCH 448 SMNR IN PSYCHOLOGY  
2939 YA 3 T 600-915P CHL 015 DUNCAN,S  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)  
\*ATTACHMENT THEORY: PAST,PRESENT &  
FUTURE\*

**SOCIOLOGY**

SOC 331 POPULATN & SOCIETY  
3109 YA 5 MW 600-820P SWI 115 LYE,D  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

**WOMEN STUDIES**

WOMEN 456 FEM RACSM & ANTRAC  
3399 YA 5 MW 430-650P SAV 151 AANERUD,R  
NO FRESHMEN (PD.3)  
ONLY MAJORS FROM EV DGR  
COLLEGE (PD.1&2)

DEPT COURSE TITLE  
SLN SECTION CRD DAY TIME BLDG ROOM INSTR  
SPEC CODE COMMENTS

**SCHOOL OF LAW**

**LAW B**

**LAW B 530 JUDICIAL EXTERNSHIP**

>2221 A 1-15 TO BE ARRANGED \* \*  
TERM A  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
>2225 B 1-15 TO BE ARRANGED \* \*  
TERM B  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT LAW GR STUDENTS

**LAW B 532 SPVD ANALYTIC WRTG**

>2226 A 1-3 TO BE ARRANGED \* \*  
TERM A  
DROP CODE REQUIRED  
>2227 B 1-3 TO BE ARRANGED \* \*  
TERM B  
DROP CODE REQUIRED

**LAW B 535 LEGISLATIVE EXTERN**

>2228 A 1-15 TO BE ARRANGED \* \*  
TERM A  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT LAW GR STUDENTS  
>2229 B 1-15 TO BE ARRANGED \* \*  
TERM B  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT LAW GT STUDENTS

**LAW B 538 AGENCY EXTERNSHIPS**

>2230 A 1-15 TO BE ARRANGED \* \*  
TERM A  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT LAW GR STUDENTS  
>2231 B 1-15 TO BE ARRANGED \* \*  
TERM B  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT LAW GR STUDENTS

**LAW B 539 PUB INT LAW EXTERN**

>2232 A 1-15 TO BE ARRANGED \* \*  
TERM A  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT LAW GR STUDENTS  
>2233 B 1-15 TO BE ARRANGED \* \*  
TERM B  
CREDIT/NO CREDIT ONLY  
DROP CODE REQUIRED  
GRADS ONLY  
ONLY MAJORS FROM LAW COLLEGE  
LAW MAJORS ONLY  
PERM OF S. SOLLIE OR DEAN'S ONLY  
EXCEPT FOR LAW GR STUDENTS

# University of Washington

| DEPT   | COURSE | TITLE | SLN            | SECTION | CRD | DAY | TIME | BLDG | ROOM | INSTR | COMMENTS |
|--|--------|-------|----------------|---------|-----|-----|------|------|------|-------|----------|
| <b>LAW B 552 TUTOR IN COMPAR LAW</b>   |        |       |                |         |     |     |      |      |      |       |          |
| >2234  | A      | 1-4   | TO BE ARRANGED | * *     |     |     |      |      |      |       |          |
| TERM A<br>DROP CODE REQUIRED<br>LAW, VIS L, L CON, IN LAW MAJORS ONLY<br>PERM OF S. SOLLIE OR DEAN'S ONLY                          |        |       |                |         |     |     |      |      |      |       |          |
| >2235  | B      | 1-4   | TO BE ARRANGED | * *     |     |     |      |      |      |       |          |
| TERM A<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>LAW, VIS L, L CON, IN LAW MAJORS ONLY<br>PERM OF S. SOLLIE OR DEAN'S ONLY |        |       |                |         |     |     |      |      |      |       |          |
| >2236  | C      | 1-4   | TO BE ARRANGED | * *     |     |     |      |      |      |       |          |
| TERM B<br>DROP CODE REQUIRED<br>LAW, VIS L, L CON, IN LAW MAJORS ONLY<br>PERM OF S. SOLLIE OR DEAN'S ONLY                          |        |       |                |         |     |     |      |      |      |       |          |
| >2237  | D      | 1-4   | TO BE ARRANGED | * *     |     |     |      |      |      |       |          |
| TERM B<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>LAW, VIS L, L CON, IN LAW MAJORS ONLY<br>PERM OF S. SOLLIE OR DEAN'S ONLY |        |       |                |         |     |     |      |      |      |       |          |

|   |   |   |       |         |     |     |  |       |   |  |  |
|---|---|---|-------|---------|-----|-----|--|-------|---|--|--|
| <b>LAW B 559 INTL COMP LAW</b>                  |   |   |       |         |     |     |  |       |   |  |  |
| 2238  | A | 3 | MTWTF | 830-930 | CON | 109 |  | HALEY | J |  |  |
| TERM B<br>LAW, VIS L, L CON, IN LAW MAJORS ONLY |   |   |       |         |     |     |  |       |   |  |  |

|  |   |      |                |     |  |  |  |  |  |  |  |
|--|---|------|----------------|-----|--|--|--|--|--|--|--|
| <b>LAW B 599 SPECIAL TOPICS</b>  |   |      |                |     |  |  |  |  |  |  |  |
| >2239  | A | 1-12 | TO BE ARRANGED | * * |  |  |  |  |  |  |  |
| TERM A<br>DROP CODE REQUIRED<br>IN LAW, LAW, VIS L, L CON MAJORS ONLY                          |   |      |                |     |  |  |  |  |  |  |  |
| >2240  | B | 1-12 | TO BE ARRANGED | * * |  |  |  |  |  |  |  |
| TERM A<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>IN LAW, LAW, VIS L, L CON MAJORS ONLY |   |      |                |     |  |  |  |  |  |  |  |
| >2241  | C | 1-12 | TO BE ARRANGED | * * |  |  |  |  |  |  |  |
| TERM B<br>DROP CODE REQUIRED<br>IN LAW, LAW, VIS L, L CON MAJORS ONLY                          |   |      |                |     |  |  |  |  |  |  |  |
| >2242  | D | 1-12 | TO BE ARRANGED | * * |  |  |  |  |  |  |  |
| TERM B<br>CREDIT/NO CREDIT ONLY<br>DROP CODE REQUIRED<br>IN LAW, LAW, VIS L, L CON MAJORS ONLY |   |      |                |     |  |  |  |  |  |  |  |

### LAW A

|  |   |   |       |          |     |     |  |         |   |  |  |
|--|---|---|-------|----------|-----|-----|--|---------|---|--|--|
| <b>LAW A 521 COMMUNITY PROPERTY</b>  |   |   |       |          |     |     |  |         |   |  |  |
| 2222   | A | 3 | MTWTF | 830-930  | CON | 109 |  | ANDREWS | T |  |  |
| TERM A<br>LAW, L CON, VIS L, IN LAW MAJORS ONLY (PD. 183)<br>LAW, BLSIN, VIS L, IN LAW MAJORS ONLY (PD. 2) |   |   |       |          |     |     |  |         |   |  |  |
| <b>LAW A 576 INTL ECON RELTNS</b>  |   |   |       |          |     |     |  |         |   |  |  |
| 2223   | A | 4 | MTWTF | 1200-100 | * * |     |  | HUNE    | L |  |  |
| TERM B<br>OFFERED JOINTLY WITH LAW 476 A<br>LAW, VIS L, L CON, IN LAW MAJORS ONLY                          |   |   |       |          |     |     |  |         |   |  |  |

### BOTHELL BRANCH CAMPUS

#### BUSINESS ADMINISTRATION

|                                  |   |   |     |          |     |   |  |  |  |  |  |
|----------------------------------|---|---|-----|----------|-----|---|--|--|--|--|--|
| <b>BBUS 490 SPECIAL TOPICS</b>   |   |   |     |          |     |   |  |  |  |  |  |
| 3444                             | A | 5 | TTh | 600-945P | BL1 | * |  |  |  |  |  |
| SIX WEEK SESSION JUNE 20-JULY 29 |   |   |     |          |     |   |  |  |  |  |  |

#### MANAGEMENT

|   |   |   |    |          |     |   |  |  |  |  |  |
|---|---|---|----|----------|-----|---|--|--|--|--|--|
| <b>BMGMT 450 LDRSHIP &amp; DECSNMKG</b> |   |   |    |          |     |   |  |  |  |  |  |
| 3443                                    | A | 5 | MW | 600-945P | BL1 | * |  |  |  |  |  |
| SIX WEEK SESSION JUNE 20-JULY 29        |   |   |    |          |     |   |  |  |  |  |  |

#### MARKETING

|                                     |   |   |    |          |     |   |  |  |  |  |  |
|-------------------------------------|---|---|----|----------|-----|---|--|--|--|--|--|
| <b>BMKTG 420 CONSUMER MARKETING</b> |   |   |    |          |     |   |  |  |  |  |  |
| 3442                                | A | 5 | MW | 600-945P | BL1 | * |  |  |  |  |  |
| SIX WEEK SESSION JUNE 20-JULY 29    |   |   |    |          |     |   |  |  |  |  |  |

| DEPT   | COURSE | TITLE | SLN            | SECTION  | CRD | DAY | TIME | BLDG | ROOM | INSTR     | COMMENTS |
|--|--------|-------|----------------|----------|-----|-----|------|------|------|-----------|----------|
| <b>EDUCATION</b>   |        |       |                |          |     |     |      |      |      |           |          |
| <b>BEDUC 501 US ED: SOC PRSPCTVS</b>   |        |       |                |          |     |     |      |      |      |           |          |
| >1219  | A      | 3     | TTh            | 1000-100 | BL1 | *   |      |      |      | UAM       | GALEN, J |
| TERM A<br>ADD CODE REQUIRED (PD.1)<br>MAJORS ONLY (PD.1)<br>MAJORS ONLY TERM A<br>EDUCATION IN SOCIETY: POLITICAL,<br>ECONOMIC & CULTURAL PERSPECTIVES<br>SEE BOTHELL EDUCATION PROGRAM<br>RM 143, 22011 26TH AVE S E<br>BOTHELL, WA 98021, (206) 685-5221 |        |       |                |          |     |     |      |      |      |           |          |
| <b>BEDUC 566 EDUCATION &amp; TECHNOL</b>   |        |       |                |          |     |     |      |      |      |           |          |
| 1220   | A      | 3     | MW             | 200-500  | BL1 | *   |      |      |      | KAROUSKY  | P        |
| TERM A<br>GRADS ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY<br>TERM A   |        |       |                |          |     |     |      |      |      |           |          |
| <b>BEDUC 591 SPEC TOPICS ED</b>  |        |       |                |          |     |     |      |      |      |           |          |
| 1221   | A      | 3     | MW             | 900-1200 | BL1 | *   |      |      |      | ROHERDAHL | H        |
| TERM A<br>GRADS ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY<br>TERM A<br>BOTHELL EDUCATION PROGRAM<br>22011 26TH AVE S E<br>BOTHELL, WA 99021 (206) 685-5331<br>SPECIAL TOPICS IN EDUCATION:<br>COOPERATIVE LEARNING                              |        |       |                |          |     |     |      |      |      |           |          |
| 1222   | B      | 3     | TTh            | 200-500  | BL1 | *   |      |      |      | COSLEY    |          |
| TERM A<br>GRADS ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY<br>TERM A<br>SPECIAL TOPICS IN EDUCATION:<br>MULTICULTURAL LITERATURE:<br>TELLING A DIFFERENT STORY   |        |       |                |          |     |     |      |      |      |           |          |
| <b>BEDUC 592 INDEPENDENT STUDY</b>   |        |       |                |          |     |     |      |      |      |           |          |
| >1223  | B      | 1-6   | TO BE ARRANGED | BL1      | *   |     |      |      |      |           |          |
| DROP CODE REQUIRED<br>MAJORS ONLY  |        |       |                |          |     |     |      |      |      |           |          |
| <b>BEDUC 598 PRACTICUM</b>   |        |       |                |          |     |     |      |      |      |           |          |
| >1224  | A      | 1-6   | TO BE ARRANGED | BL1      | *   |     |      |      |      |           |          |
| DROP CODE REQUIRED<br>MAJORS ONLY  |        |       |                |          |     |     |      |      |      |           |          |

### LIBERAL STUDIES

|                                     |   |   |     |          |     |   |  |  |  |           |    |
|-------------------------------------|---|---|-----|----------|-----|---|--|--|--|-----------|----|
| <b>BLS 319 MATH THINKG LIB ARTS</b> |   |   |     |          |     |   |  |  |  |           |    |
| 1271                                | B | 5 | TTh | 600-945P | BL1 | * |  |  |  | RASMUSSEN | J. |
| SIX WEEK SESSION: JUNE 20 - JULY 29 |   |   |     |          |     |   |  |  |  |           |    |

### LIBERAL STUDIES:INTERNATIONAL

|  |   |   |     |          |     |   |  |  |  |         |    |
|--|---|---|-----|----------|-----|---|--|--|--|---------|----|
| <b>BLSIN 338 WORLD HIS CLASS AGE</b>   |   |   |     |          |     |   |  |  |  |         |    |
| 1272   | A | 5 | MW  | 1100-245 |     |   |  |  |  | WOOD    | A  |
| CLASS IS 6 WK TERM: 6/21 - 7/30  |   |   |     |          |     |   |  |  |  |         |    |
| <b>BLSIN 362 CON POL IDEAS &amp; IDE</b>   |   |   |     |          |     |   |  |  |  |         |    |
| 1273   | A | 5 | TTh | 600-945P |     |   |  |  |  | DECKER  | J  |
| CONTEMPORARY POLITICAL IDEAS & IDEOLOGIES; CLASS IS 6 WK TERM<br>6/21 - 7/30   |   |   |     |          |     |   |  |  |  |         |    |
| <b>BLSIN 374 MAJ FIGS GERMAN LIT</b>   |   |   |     |          |     |   |  |  |  |         |    |
| 1274   | A | 5 | TTh | 600-945  | BL1 | * |  |  |  | BEHLER  | C. |
| SIX WEEK SESSION: JUNE 20-JULY 29  |   |   |     |          |     |   |  |  |  |         |    |
| <b>BLSIN 390 SPECIAL TOPICS</b>  |   |   |     |          |     |   |  |  |  |         |    |
| 1275   | A | 5 | TTh | 1000-145 | BL1 | * |  |  |  | MAXWELL | N. |
| ADDRESS IN LITERATURE & FILM<br>SIX WEEK SESSION: JUNE 20-JULY 29  |   |   |     |          |     |   |  |  |  |         |    |
| <b>BLSIN 402 MODERN CHINA</b>  |   |   |     |          |     |   |  |  |  |         |    |
| 1276   | A | 5 | MW  | 600-945P | BL1 | * |  |  |  | WOOD    | A  |
| SIX WEEK SESSION: JUNE 20-JULY 29  |   |   |     |          |     |   |  |  |  |         |    |
| <b>BLSIN 444 ISSUES COMPAR HIST</b>  |   |   |     |          |     |   |  |  |  |         |    |
| 1277   | A | 5 | MW  | 1000-145 | BL1 | * |  |  |  | DECKER  | J  |
| ISSUES IN COMPARATIVE HISTORY:<br>AVANT-GRADE ARTS AND POLITICS IN<br>CONTEMPORARY EUROPE<br>SIX WEEK SESSION: JUNE 20-JULY 29 |   |   |     |          |     |   |  |  |  |         |    |

| DEPT   | COURSE | TITLE | SLN | SECTION  | CRD | DAY | TIME | BLDG | ROOM | INSTR     | COMMENTS |
|--|--------|-------|-----|----------|-----|-----|------|------|------|-----------|----------|
| <b>LIBERAL STUDIES: UNITED STATES</b>  |        |       |     |          |     |     |      |      |      |           |          |
| <b>BLSUS 327 HIST US LABOR INST</b>  |        |       |     |          |     |     |      |      |      |           |          |
| 1278   | A      | 5     | MW  | 1100-245 |     |     |      |      |      | JACOBY    | D        |
| 6 WK TERM: 6/21 - 7/30   |        |       |     |          |     |     |      |      |      |           |          |
| <b>BLSUS 335 HUMAN RIGHTS IN US</b>  |        |       |     |          |     |     |      |      |      |           |          |
| 1279   | A      | 5     | TTh | 600-945P |     |     |      |      |      | SANCHEZ   | A        |
| 6 WK TERM: 6/21 - 7/30   |        |       |     |          |     |     |      |      |      |           |          |
| <b>BLSUS 353 GETTING ACROSS AMER</b>   |        |       |     |          |     |     |      |      |      |           |          |
| 1280   | A      | 5     | TTh | 600-945P | BL1 | *   |      |      |      | SANCHEZ   | A        |
| MOBILITY AND FREEDOM<br>SIX WEEK SESSION: JUNE 20 - JULY 29  |        |       |     |          |     |     |      |      |      |           |          |
| <b>BLSUS 447 EDUC &amp; AMER INDIAN</b>  |        |       |     |          |     |     |      |      |      |           |          |
| 1281   | A      | 5     | TTh | 1000-145 | BL1 | *   |      |      |      | MORRIS    | C        |
| SIX WEEK SESSION: JUNE 20 - JULY 29  |        |       |     |          |     |     |      |      |      |           |          |
| <b>BLSUS 487 TOPICS AMERICAN LIT</b>   |        |       |     |          |     |     |      |      |      |           |          |
| 1282   | A      | 5     | MW  | 600-945P | BL1 | *   |      |      |      | SCHNEIDER | S        |
| TOPICS IN AMERICAN LITERATURE<br>MODERN AND CONTEMPORARY<br>AMERICAN POETRY<br>SIX WEEK SESSION: JUNE 20-JULY 29 |        |       |     |          |     |     |      |      |      |           |          |
| <b>BLSUS 491 SPECIAL TOPICS</b>  |        |       |     |          |     |     |      |      |      |           |          |
| 1283   | A      | 5     | MW  | 1000-145 | BL1 | *   |      |      |      | SCHNEIDER |          |
| SIX WEEK SESSION: JUNE 20-JULY 29  |        |       |     |          |     |     |      |      |      |           |          |

### NURSING

|   |   |   |    |           |  |  |  |  |  |            |   |
|---|---|---|----|-----------|--|--|--|--|--|------------|---|
| <b>BNURS 307 HUMAN SOCIAL SYSTEM</b>                                  |   |   |    |           |  |  |  |  |  |            |   |
| 1284  | A | 3 | Th | 430-830P  |  |  |  |  |  | STETZ      | K |
| ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY                          |   |   |    |           |  |  |  |  |  |            |   |
| <b>BNURS 340 CLINICAL PHENOMENA</b>                                   |   |   |    |           |  |  |  |  |  |            |   |
| 1285  | A | 3 | T  | 430-830P  |  |  |  |  |  | PENNEBAKER | D |
| ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY                          |   |   |    |           |  |  |  |  |  |            |   |
| 1286  | B | 3 | Th | 1000-1200 |  |  |  |  |  | PENNEBAKER | D |
| ONLY MAJORS FROM BOTHELL COLLEGE<br>PRE P, BNURS MAJORS ONLY          |   |   |    |           |  |  |  |  |  |            |   |
| 1287  | C | 3 | Th | 1000-200  |  |  |  |  |  | PENNEBAKER | D |
| ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY                          |   |   |    |           |  |  |  |  |  |            |   |
| <b>BNURS 350 DECISION MAKING</b>                                      |   |   |    |           |  |  |  |  |  |            |   |
| 1288  | A | 3 | T  | 1000-200  |  |  |  |  |  | LEPPA      | C |
| ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY                          |   |   |    |           |  |  |  |  |  |            |   |
| 1289  | B | 3 | Th | 430-830P  |  |  |  |  |  | LEPPA      | C |
| ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY                          |   |   |    |           |  |  |  |  |  |            |   |
| <b>BNURS 410 LEGAL ETHIC ISSUES</b>                                   |   |   |    |           |  |  |  |  |  |            |   |
| 1290  | A | 2 | T  | 300-550   |  |  |  |  |  | LEPPA      | C |
| PRE P, BNURS MAJORS ONLY  |   |   |    |           |  |  |  |  |  |            |   |
| <b>BNURS 412 NURSING CARE SYSTEM</b>                                  |   |   |    |           |  |  |  |  |  |            |   |
| 1291  | A | 3 | T  | 900-100   |  |  |  |  |  | PENNEBAKER | D |
| PRE P, BNURS MAJORS ONLY  |   |   |    |           |  |  |  |  |  |            |   |
| <b>BNURS 450 CONNECTED LEARNING</b>                                   |   |   |    |           |  |  |  |  |  |            |   |
| 1292  | A | 1 | T  | 210-320   |  |  |  |  |  | PENNEBAKER | D |
| CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY |   |   |    |           |  |  |  |  |  |            |   |
| 1293  | B | 1 | T  | 310-420   |  |  |  |  |  | STETZ      | K |
| CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY |   |   |    |           |  |  |  |  |  |            |   |
| 1294  | C | 1 | T  | 310-420   |  |  |  |  |  | LEPPA      | C |
| CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY |   |   |    |           |  |  |  |  |  |            |   |
| 1295  | D | 1 | Th | 310-420   |  |  |  |  |  | PENNEBAKER | D |
| CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY |   |   |    |           |  |  |  |  |  |            |   |
| 1296  | E | 1 | Th | 310-420   |  |  |  |  |  | LEPPA      | C |
| CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHELL COLLEGE MAJORS ONLY |   |   |    |           |  |  |  |  |  |            |   |

# Summer Quarter Time Schedule

| DEPT  | COURSE  | TITLE          | BLDG    | ROOM | INSTR    | DEPT   | COURSE  | TITLE | BLDG     | ROOM | INSTR    | DEPT   | COURSE  | TITLE          | BLDG | ROOM | INSTR    |  |
|---|---|----------------|---------|------|----------|--|---|-------|----------|------|----------|--|---|----------------|------|------|----------|--|
| SLM   | SECTION   | CRD            | DAY     | TIME | COMMENTS | SLM  | SECTION   | CRD   | DAY      | TIME | COMMENTS | SLM  | SECTION   | CRD            | DAY  | TIME | COMMENTS |  |
|   | 1297 F 1  | Th             | 210-320 |      | STETZ, K |  | 3265 B 3  | TTh   | 900-1230 |      |          |  | 3308 B 1-5  | TO BE ARRANGED | *    | *    |          |  |
|   | CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHLL COLLEGE<br>MAJORS ONLY |                |         |      |          |  | TERM B<br>JULY 27-AUG 19<br>TEACHING/THINKING   |       |          |      |          |  | CREDIT/NO CREDIT ONLY<br>6/22 - 7/31, 6/22 - 7/22, 7/23 - 8/21, PERM OF INSTR |                |      |      |          |  |
|   | 1298 G 1  | T              | 210-320 |      |          |  | <b>TEDUC 592 INDEPENDENT STUDY</b>  |       |          |      |          | <b>LIBERAL STUDIES: UNITED STATES</b>                          |   |                |      |      |          |  |
|   | CREDIT/NO CREDIT ONLY<br>ONLY MAJORS FROM BOTHLL COLLEGE<br>MAJORS ONLY |                |         |      |          |  | >3266 A 1-3 TO BE ARRANGED TL2 *  |       |          |      |          | TLSUS 355 AM THOUGHT & EXPRNC                                  |   |                |      |      |          |  |
|   | 1299 H 1  | Th             | 210-320 |      |          |  | >3425 B 1-3 TO BE ARRANGED TL2 *  |       |          |      |          | 3309 A 5 MTh 200-520 TL1 * WAKEFIELD                           |   |                |      |      |          |  |
|   | CREDIT/NO CREDIT ONLY   |                |         |      |          |  | >3426 C 1-3 TO BE ARRANGED TL2 *  |       |          |      |          | TERM B<br>AM THOUGHT & EXPRNC<br>7/21-8/19                     |   |                |      |      |          |  |
| <b>BNURS 499 UNDERGRAD RESEARCH</b>   |   |                |         |      |          |  | <b>TEDUC 599 CULMINATING PROJECT</b>  |       |          |      |          | TLSUS 485 MEDIA GENRES   |   |                |      |      |          |  |
|   | >1300 A 1-5   | TO BE ARRANGED |         |      |          | LEPPA, C   | >3268 A 3 TO BE ARRANGED TL2 *  |       |          |      |          | >3310 A 5 MTh 600-920P GORBMAN, C                              |   |                |      |      |          |  |
|   | ONLY MAJORS FROM BOTHLL COLLEGE<br>MAJORS ONLY                          |                |         |      |          |  | >3429 B 3 TO BE ARRANGED TL2 *  |       |          |      |          | TERM A<br>6/21 - 7/21  |   |                |      |      |          |  |
|   | >1301 B 1-5   | TO BE ARRANGED |         |      |          | PENNEBAKER, D  | >3430 C 3 TO BE ARRANGED TL2 *  |       |          |      |          | TLSUS 490 SPECIAL TOPICS                                       |   |                |      |      |          |  |
|   | ONLY MAJORS FROM BOTHLL COLLEGE<br>MAJORS ONLY                          |                |         |      |          |  | <b>LIBERAL STUDIES</b>  |       |          |      |          | 3311 B 5 MTh 200-520 BLUMENTHAL, R                             |   |                |      |      |          |  |
|   | >1302 C 1-5   | TO BE ARRANGED |         |      |          | STETZ, K   | <b>TLS 420 WOMEN GLOBAL ECON</b><br>3294 A 5 MTh 200-520P TL1 * KASABA, K<br>TERM A<br>TERM A |       |          |      |          | TERM B<br>6/22 - 7/31, 6/22 - 7/22, 7/23 - 8/21, PERM OF INSTR |   |                |      |      |          |  |
| <b>TACOMA BRANCH CAMPUS</b>   |   |                |         |      |          | <b>TACOMA LIBERAL STUDIES: INTERNATIONAL</b>   |   |       |          |      |          | <b>NURSING</b>   |   |                |      |      |          |  |
| <b>BUSINESS ADMINISTRATION</b>  |   |                |         |      |          | <b>TLS 483 FILM DIRECTORS</b>  |   |       |          |      |          | <b>TNURS 340 CLINICAL PHENOMENA</b>                            |   |                |      |      |          |  |
| <b>TBUS 350 BUSINESS FINANCE</b>  |   |                |         |      |          | >3295 A 5 MTh 600-920P TL1 * GORBMAN, C  |   |       |          |      |          | 3318 A 3 W 800-1140 FOUGHT, S                                  |   |                |      |      |          |  |
| 3445 A 5 MW 600-945P TL2 *<br>SIX WEEK SESSION JUNE 20-JULY 29  |   |                |         |      |          | TERM A   |   |       |          |      |          | 3319 B 3 Th 510-850P FOUGHT, S                                 |   |                |      |      |          |  |
| <b>TBUS 490 SPECIAL TOPICS</b>  |   |                |         |      |          | <b>TLS 490 SPECIAL TOPICS</b>  |   |       |          |      |          | <b>TNURS 350 DECISION MAKING</b>                               |   |                |      |      |          |  |
| 3446 A 5 MW 600-945P TL2 *<br>SIX WEEK SESSION JUNE 20-JULY 29  |   |                |         |      |          | 3296 A 3 TTh 200-520 TL1 * ETHERIDGE, B<br>TERM A<br>INFORMATION LITERACY IN THE<br>INFORMATION SOCIETY<br>6/20-7/20 |   |       |          |      |          | 3320 A 3 T 510-850 DORCY, K                                    |   |                |      |      |          |  |
| <b>MANAGEMENT</b>   |   |                |         |      |          | 3439 B 5 MTh 600-920P TL1 * BLUMENTHAL, R  |   |       |          |      |          | 3321 B 3 W 110-450 PRIMONO, J                                  |   |                |      |      |          |  |
| <b>TMGMT 470 MOTIV&amp;GRP INTERACTN</b>  |   |                |         |      |          | <b>TLSIN 314 20TH CENTURY RVLS</b>   |   |       |          |      |          | 3322 C 3 Th 1210-350 LANDENBURGER                              |   |                |      |      |          |  |
| 3447 A 5 TTh 600-945P TL2 *<br>SIX WEEK SESSION JUNE 20-JULY 29   |   |                |         |      |          | 3297 A 5 MTh 600-920P TL1 * MAY, R.<br>TERM B<br>TERM B  |   |       |          |      |          | <b>TNURS 403 INTRO RESEARCH NSG</b>                            |   |                |      |      |          |  |
| <b>EDUCATION</b>  |   |                |         |      |          | <b>TLSIN 342 THIRD WORLD CITIES</b>  |   |       |          |      |          | 3323 AA 3 W 520-620P PRIMONO, J                                |   |                |      |      |          |  |
| <b>TEDUC 501 US ED: PRSPCTVS</b>  |   |                |         |      |          | 3298 A 5 MTh 600-920P TL1 * D'COSTA, A.<br>TERM A<br>TERM A  |   |       |          |      |          | 3324 AB 3 W 520-620P LANDENBURGER                              |   |                |      |      |          |  |
| 3260 A 3 W 100-330 BUTCHART, A  |   |                |         |      |          | <b>TLSIN 383 PACIFIC ART &amp; CLTRS</b>   |   |       |          |      |          | 3325 AC 3 W 520-620P LANDENBURGER                              |   |                |      |      |          |  |
| EDUCATION IN SOCIETY: POLITICAL,<br>ECONOMIC & CULTURAL PERSPECTIVES<br>EDUCATION PROGRAM TACOMA<br>917 PACIFIC AVE, SECURITY BLDG<br>RM 501, TACOMA WA 98402<br>(206) 552-4430                       |   |                |         |      |          | 3299 A 5 MTh 600-920P TL1 * PARKER, S.<br>TERM A<br>ARTS AND CULTURES OF THE<br>PACIFIC: WAY OF THE ANCESTORS        |   |       |          |      |          | 3326 AD 3 W 520-620P PRIMONO, J                                |   |                |      |      |          |  |
| <b>TEDUC 503 US ED: INST PERSPCT</b>  |   |                |         |      |          | <b>TLSIN 415 MODERN JAPAN</b>  |   |       |          |      |          | 3327 A 1 T 400-500 DORCY, K                                    |   |                |      |      |          |  |
| 3421 A 3 W 100-300P TL2 * BUTCHART, A.  |   |                |         |      |          | 3300 A 5 MTh 600-920P TL1 * HRANNENAN<br>TERM B  |   |       |          |      |          | 3328 B 1 W 1200-100 FOUGHT, S                                  |   |                |      |      |          |  |
| FULL TERM<br>EDUCATION IN SOCIETY:<br>INSTITUTIONAL PERSPECTIVES  |   |                |         |      |          | <b>TLSIN 450 THEORIES OF CULTURE</b>   |   |       |          |      |          | 3329 C 1 W 1200-100 PRIMONO                                    |   |                |      |      |          |  |
| <b>TEDUC 520 MULTICULTURAL EDUC</b>   |   |                |         |      |          | 3301 A 5 MTh 200-520 TL1 * CRAWFORD, A<br>TERM B   |   |       |          |      |          | 3330 D 1 Th 400-500 LANDENBURGER                               |   |                |      |      |          |  |
| 3422 B 3 Th 930-1200P TL2 * GORDON  |   |                |         |      |          | <b>TLSIN 490 SPECIAL TOPICS</b>  |   |       |          |      |          | 3331 E 1 Th 400-500 PRIMONO                                    |   |                |      |      |          |  |
| TERM B<br>FULL TERM   |   |                |         |      |          | 3302 A 5 MTh 200-520 TL1 * HARCISARC<br>TERM A<br>SPECIAL TOPICS: US TRADE AND<br>INVESTMENT ON THE PACIFIC RIM      |   |       |          |      |          | <b>TNURS 450 CONNECTED LEARNING</b>                            |   |                |      |      |          |  |
| <b>TEDUC 530 INTEGRATED CURRIC</b>  |   |                |         |      |          | <b>TLSIN 496 INTERNSHIP</b>  |   |       |          |      |          | 3327 A 1 T 400-500 DORCY, K                                    |   |                |      |      |          |  |
| 3263 A 3 TTh 900-1200 TL2 * LOUIE, B  |   |                |         |      |          | >3303 B 1-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY<br>6/22 - 8/21   |   |       |          |      |          | 3328 B 1 W 1200-100 FOUGHT, S                                  |   |                |      |      |          |  |
| TERM A  |   |                |         |      |          | <b>TLSIN 497 SENIOR THESIS</b>   |   |       |          |      |          | 3329 C 1 W 1200-100 PRIMONO                                    |   |                |      |      |          |  |
| <b>TEDUC 540 CHILD/YOUTH AT-RISK</b>  |   |                |         |      |          | >3304 A 5 TO BE ARRANGED * *   |   |       |          |      |          | 3330 D 1 Th 400-500 LANDENBURGER                               |   |                |      |      |          |  |
| 3423 A 3 MW 100-400 TL2 * STEIN, N.   |   |                |         |      |          | <b>TLSIN 498 DIRECTED READINGS</b>   |   |       |          |      |          | 3331 E 1 Th 400-500 PRIMONO                                    |   |                |      |      |          |  |
| TERM A  |   |                |         |      |          | >3305 A 3-5 TO BE ARRANGED * *<br>6/22 - 7/31, 6/22 - 7/22, 7/23 - 8/21, PERM OF INSTR                               |   |       |          |      |          | <b>TNURS 499 UNDERGRAD RESEARCH</b>                            |   |                |      |      |          |  |
| <b>TEDUC 541 MATH CHALLENGES</b>  |   |                |         |      |          | >3306 B 3-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY<br>7/22 - 7/31, 6/22 - 7/22, 7/23 - 8/21, PERM OF INSTR      |   |       |          |      |          | 3332 A 1-5 T 130-330   |   |                |      |      |          |  |
| 3424 A 3 MW 900-1200 TL2 * STEIN, N.  |   |                |         |      |          | <b>TLSIN 499 UNDERGRAD RESEARCH</b>  |   |       |          |      |          | 3333 B 1-5 TO BE ARRANGED                                      |   |                |      |      |          |  |
| TERM A  |   |                |         |      |          | >3307 A 1-5 TO BE ARRANGED * *<br>6/22 - 8/21  |   |       |          |      |          | 3334 C 1-5 T 130-330   |   |                |      |      |          |  |
| <b>TEDUC 591 SP TOPIC IN EDUC</b>   |   |                |         |      |          | >3308 A 1-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY  |   |       |          |      |          | 3335 D 1-5 TO BE ARRANGED                                      |   |                |      |      |          |  |
| 3264 A 3 MW 900-1200 LOUIE, B   |   |                |         |      |          | >3309 A 1-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY  |   |       |          |      |          | 3336 E 1-5 TO BE ARRANGED                                      |   |                |      |      |          |  |
| TERM A<br>SPECIAL TOPICS IN EDUCATION:<br>CHILDREN'S & YOUNG ADULT LITERATURE<br>FOR K-12 TEACHERS; EDUCATION<br>PROGRAM TACOMA, 917 PACIFIC AVE<br>SECURITY BLDG RM 501, TACOMA WA<br>(206) 552-4430 |   |                |         |      |          | >3310 A 1-5 TO BE ARRANGED * *<br>CREDIT/NO CREDIT ONLY  |   |       |          |      |          | CREDIT/NO CREDIT ONLY  |   |                |      |      |          |  |

> Limited enrollment in this section. Students must obtain entry codes. % New course H Honors  
See pages 8-73 for course descriptions, page 74 on how to read time schedule, and pages 116-117 for important dates and deadlines.

# Quick Reference Guide to Quarter Deadlines

## Quick Reference Guide to Quarter Deadlines

### Application deadlines

### Registration

### Adding/dropping courses or University withdrawal

| Application deadlines   | Full Term              | a Term              | b Term              |
|---|------------------------|---------------------|---------------------|
| Application deadline for summer-only students.<br>(Apply in person after this date.)  | June 1                 | June 1              | June 1              |
| Application deadline for freshmen applying for summer/autumn  | Feb. 1                 | Feb. 1              | Feb. 1              |
| Application deadline for transfers and postbaccalaureates<br>applying for summer/autumn   | May 15                 | May 15              | May 15              |
| Application deadline for international transfers and<br>postbaccalaureates applying for summer/autumn   | March 1                | March 1             | March 1             |
| UW faculty/staff and Washington state classified employees<br>Tuition Exemption Forms due   | May 27                 | May 27              | May 27              |
| Last day to return approved applications for credit by<br>examination to 248 Schmitz  | July 1                 | July 1              | July 29             |
| Application deadline for baccalaureate degrees (all schools<br>and colleges) to be conferred for the quarter. (Submit to<br>Graduation Office, 207 Schmitz) | July 8                 | July 8              | July 8              |
| Credit by examination (students must make arrangements with<br>the Educational Assessment Center, 543-1170)   | 4th week<br>of quarter | 4th week<br>of term | 4th week<br>of term |

## Registration

|   |                |                |                |
|---|----------------|----------------|----------------|
| Registration Period I   | May 2-May 27   | May 2-May 27   | May 2-May 27   |
| Registration Period II  | May 31-June 19 | May 31-June 19 | May 31-June 19 |
| First mailing of registration confirmations   | June 2         | June 2         | June 2         |
| Registration confirmations mailed daily beginning this date   | June 3         | June 3         | June 3         |
| STAR closes at 6 p.m. for preparation of instructor's<br>class lists  | June 16        | June 16        | June 16        |
| Registration Period III   | June 20-July 1 | June 20-July 1 | June 20-July 1 |
| \$25 late fee assessment to register late   | June 20-July 1 | June 20-July 1 | July 21-27     |
| Registration for UW faculty/staff   | June 22        | June 22        | June 22        |
| Registration for UW Access Program  | June 22        | June 22        | June 22        |
| Registration for Washington state classified employees  | June 23        | June 23        | June 23        |
| STAR closes at 6 p.m. for preparation of 10th day statistics  | July 1         | July 1         | July 1         |
| Last day entry codes are valid to add a course  | July 1         | July 1         | July 27        |
| Last day to register  | July 1         | July 1         | July 27        |
| STAR closed for holiday   | July 4         | July 4         | July 4         |
| \$75 late registration fee assessment begins.<br>(Registration will only be allowed in rare circumstances.) | July 5         | July 5         | July 28        |

## Adding/dropping courses or University withdrawal

(Also see deadlines for special-date courses, page 124)

|  |                |                |                 |
|--|----------------|----------------|-----------------|
| Last day for complete withdrawal without owing tuition   | June 24        | June 24        | July 27         |
| Last day for graduate students to apply for on-leave status  | June 24        | June 24        | June 24         |
| Last day to add, drop or change a non-STAR transaction in<br>Registration Office without being assessed a \$20 change<br>fee and possible tuition forfeiture                       | June 24        | June 24        | July 27         |
| Last day to add, drop or change a course through STAR<br>without being assessed a \$20 change fee and possible<br>tuition forfeiture   | June 26        | June 26        | July 27         |
| \$20 change fee is assessed to add, drop or change a course.<br>Additional tuition or tuition forfeiture may also be charged   | June 27        | June 27        | July 28         |
| Entry codes required to add courses  | June 27-July 1 | June 27-July 1 | June 27-July 27 |
| b Term courses may be added at the Registration Office,<br>225 Schmitz Hall. Students adding courses that require<br>entry codes should obtain this code before coming to register |                |                | June 27-July 27 |
| One-half tuition due if officially withdrawing completely<br>from the quarter  | June 27-July 8 | June 27-July 8 | July 28-Aug. 10 |
| Last day to drop a course without entry on transcript  | July 1         | June 26        | July 27         |
| Last day to add a course   | July 1         | July 1         | July 27         |

**Full Term      a Term      b Term**

|  |                 |                       |                     |
|--|-----------------|-----------------------|---------------------|
| * Last day entry codes are valid to add a course .....   | July 3 (Sunday) | ..... July 3 (Sunday) | ..... July 27       |
| Last day to change from audit to numeric grade option .....  | July 1          | ..... July 1          | ..... July 27       |
| Last day to make change to or from S/NS grade option .....   | July 1          | ..... July 1          | ..... July 27       |
| STAR closed for holiday .....  | July 4          | ..... July 4          | ..... July 4        |
| Period IV - drops only .....   | July 5-Aug. 7   | ..... July 5-10       | ..... July 5-Aug. 7 |
| <i>b</i> Term courses must be dropped at the Registration  |                 |                       |                     |
| Office, 225 Schmitz Hall .....   |                 |                       | Aug. 8-10           |
| Full tuition due if withdrawing completely from the quarter .....                                  | July 11         | ..... July 11         | ..... Aug. 11       |
| Last day to change to audit grade option .....   | Aug. 5          | ..... July 8          | ..... Aug. 10       |
| Last day to drop a course .....  | Aug. 7          | ..... July 10         | ..... Aug. 10       |
| Last day to withdraw completely (dropping all classes) from the quarter .....                      | Aug. 12         | ..... July 13         | ..... Aug. 12       |
| Last day to reregister if cancelled for nonpayment of tuition (additional \$75 fee assessed) ..... | Aug. 12         | ..... July 13         | ..... Aug. 12       |

**Tuition/fee assessment and deadlines**

|  |                |                      |                       |
|--|----------------|----------------------|-----------------------|
| First day tuition balance is available on STAR .....   | June 17        | ..... June 17        | ..... June 17         |
| \$25 late fee assessment to register late .....  | June 20-July 1 | ..... June 20-July 1 | ..... July 21-27      |
| Tuition statements mailed to all registered students .....   | June 20        | ..... June 20        | ..... June 20         |
| \$20 change fee is assessed to add, drop or change a course.                                       |                |                      |                       |
| Additional tuition or tuition forfeiture may also be charged .....                                 | June 27        | ..... June 27        | ..... July 28         |
| \$10 fee assessment for replacement of U-PASS begins .....   | June 27        | ..... June 27        | ..... July 28         |
| One-half tuition due if withdrawing completely from the quarter, or reducing tuition .....         | June 27-July 8 | ..... June 27-July 8 | ..... July 28-Aug. 10 |
| \$75 late registration fee assessment begins.  |                |                      |                       |
| (Registration will only be allowed in rare circumstances.) .....                                   | July 5         | ..... July 5         | ..... July 28         |
| Tuition payment deadline for all registered students .....   | July 8         | ..... July 8         | ..... July 8          |
| Last day to return U-PASS for cancellation of \$24 charge .....                                    | July 8         | ..... July 8         | ..... July 8          |
| Student insurance payment deadline. Payments are not accepted after this date .....                | July 8         | ..... July 8         | ..... July 8          |
| Late tuition payment period (requires a late-payment fee) .....                                    | July 11-15     | ..... July 11-15     | ..... July 11-15      |
| Full tuition due if withdrawing completely from the quarter starting ..                            | July 11        | ..... July 11        | ..... Aug. 11         |
| Last day to reregister if cancelled for nonpayment of tuition (additional \$75 fee assessed) ..... | Aug. 12        | ..... July 13        | ..... Aug. 12         |

**Grades**

|   |         |               |               |
|---|---------|---------------|---------------|
| W grade for dropped courses begins .....          | July 5  | ..... June 27 | ..... July 28 |
| Grades due from faculty (10 a.m.) .....           | Aug. 23 | ..... July 25 | ..... Aug. 23 |
| First day grades and GPAs available on STAR ..... | Aug. 25 | ..... Aug. 25 | ..... Aug. 25 |
| Grades mailed to students .....                   | Aug. 26 | ..... Aug. 26 | ..... Aug. 26 |

**Final examinations**

There is no separate final examination week during Summer Quarter. Finals are given during the scheduled last class unless all students, their instructor and the Time Schedule Office agree on another time.

**Commencement information**

Undergraduates who plan to graduate in August and want to participate in the June 1994 commencement must have a graduation application on file by April 22, 1994.

**Quick Reference Guide to Quarter Deadlines (con't)**

*Adding/dropping courses or University withdrawal (con't)*

*Tuition/fee assessments and deadlines*

*Grades*

*Final examinations*

*Commencement information*

# Summer Quarter Admission

## Summer Quarter Admission

Continuing UW students

Applying for admission

Student classifications

### Continuing UW undergraduate students

If you are enrolled as a matriculated student at the UW Spring Quarter 1994 or completed Winter Quarter 1994 and took Spring Quarter off, *you need not* submit an application for Summer Quarter. Simply register using STAR just as you would for any other quarter.

### Applying for admission

Which application you use depends on your goals and current student classification. Select the student classification that applies to you. It's important that you read the detailed information below regarding each classification. If you have questions after reading the appropriate sections, please call UW Undergraduate Admissions, (206) 543-9686, or Summer Quarter Academic Advising, (206) 543-6160.

### Student classifications

Summer Quarter students are either: new or continuing matriculated students; or new or returning nonmatriculated students attending UW classes only during Summer Quarter 1994.

#### Summer-only nonmatriculated

The nonmatriculated (not degree-seeking) status allows you to enroll even though you are not pursuing a degree at the UW. The credits you earn usually can be transferred to other institutions. These credits also may apply to the requirements for a UW baccalaureate degree if you are later admitted to an undergraduate degree program. Admission as a nonmatriculated student does not affect an applicant's chances for later acceptance into a degree program and it does not permit you to continue in this status Autumn Quarter.

A nonmatriculated student may enroll in a graduate-level course with the permission of the instructor and the departmental chair. Credits earned as a nonmatriculated student do not apply to UW graduate programs.

A nonmatriculated student may be:

- A high school student participating in the Advanced Study Program (see page 122);
- A student at another college attending the UW only during Summer Quarter;
- Anyone wishing to obtain credit who is not pursuing a degree;
- A teacher or administrator taking courses for special interest [but if you are pursuing your continuing certificate, you should see *Continuing Teaching Certificate (fifth-year) students*, this page];
- A person who has already earned a bachelor's degree (including those who earned baccalaureate degrees at the UW) and is taking a few courses but is not interested in formal admission to a graduate or second undergraduate program; or

- An auditor, a person who wants to attend courses but not receive a grade. Auditors pay standard tuition and fees and must be officially admitted and registered. Attendance in a course as an auditor is by consent of the instructor and is on a space-available basis. Permission to audit is ordinarily granted only for lecture classes. Auditors do not participate in class discussions or take examinations; registration may be canceled at the discretion of the instructor. *No transcript record of audited courses is kept.* To receive credit for an audited course, you must register for the class for credit in a subsequent quarter.

### Continuing Teaching Certificate (fifth-year) students

To work toward a Continuing Teaching Certificate, teachers may apply for either postbaccalaureate or nonmatriculated status. If you plan to start your studies in the summer and continue through the next academic year, it is advantageous to apply for postbaccalaureate status. Apply by May 15, using the application for undergraduate admission (see page 119). This application requires two official transcripts from each college you have attended.

If you plan to attend the UW only during the summer, nonmatriculated status is probably the most appropriate. Use the application form in this bulletin. You may call the Teacher Education Advising and Certification Office at (206) 543-1820 for information about the continuing certificate.

If you have previously attended the UW as a postbaccalaureate student in a teaching certificate program, you can be admitted as a returning student in this status. To apply, contact the Registration Office, PD-10, 225 Schmitz, University of Washington, Seattle, WA 98195, for a returning student application and submit the form by June 1 to the address on the form.

### Graduate nonmatriculated students

Nonmatriculated and graduate nonmatriculated students are two different categories at the UW. For more information about which students need graduate nonmatriculated status and how to pursue it, see *Special Enrollment Information for Graduate Nonmatriculated Students*, page 120.

### Visiting graduate student

A visiting graduate student is a person who plans to transfer graduate credit taken at the University of Washington to another institution where he or she is actively pursuing a graduate degree. Admission is on a space-available basis by recommendation of the appropriate department.

### Returning UW students

The following information applies to those who are not currently enrolled at the UW:

- If you have previously attended the UW as a nonmatriculated student, you may apply for that status again provided you are still in good standing at the University.



- If you have completed a degree at the UW, you may take Summer Quarter courses as a nonmatriculated student. Please see the introductory information on nonmatriculated students.
- If you were pursuing an undergraduate or professional degree or a teaching certificate when you last attended the UW and were not awarded that degree or certificate, you will be readmitted in this same status. This also applies to graduate students returning from "on leave." Graduate students who are not officially "on leave" must be accepted by the Graduate Admissions Office before they can return in that same status.

Returning students who are accepted as matriculated (into a degree or teaching certificate program) for Summer Quarter may register for Autumn Quarter without reapplying for admission, provided the Summer Quarter application was submitted by the June 1 deadline and they attend classes in the summer.

### International students

See *International Students*, page 121.

## Types of applications

### Application for Summer Quarter-only admission

The Summer Quarter-only application, on the inside back cover of this bulletin, is designed for summer-only nonmatriculated students and former UW students eligible to be readmitted to their previous admission status. This includes graduate students who have official "on-leave" status. This application should be used if students want to take courses in Seattle or at the UW Branch Campuses at Bothell and Tacoma. Students applying for new matriculated status (undergraduate or graduate) should use one of the forms described below.

### Application for undergraduate admission

Undergraduate admission applications are available from the Office of Undergraduate Admissions, PC-30, 320 Schmitz Hall, Seattle, WA 98195; telephone: (206) 543-5150.

This form is to be used by all new students (except international students) seeking an undergraduate degree or certificate including those wishing to begin during Summer Quarter and continue into Autumn Quarter, and by former UW students who are changing to a new undergraduate status (including postbaccalaureate).

Teachers who are attending the UW for the first time as postbaccalaureates to work on Continuing Teaching Certificates should read *Continuing Teaching Certificate (fifth-year) students*, page 118.

A former UW student who has previously been enrolled as a postbaccalaureate student and is now seeking a Continuing Teaching Certificate should submit a returning student application to the Registration Office, PD-10, 225 Schmitz Hall, Seattle, WA 98195; telephone: (206) 543-8580.

### Application for admission to the graduate school

Applications for admission to the graduate school are available from the appropriate academic department.

This form is to be used by students applying for admission as graduate students, including those seeking administrator's credentials; or visiting graduate students; or by former graduate students who did not request "on-leave" status.

### Application for undergraduate international student admission

See *International Students*, page 121.

### Application for admission to professional schools

Those interested in the schools of medicine, law or dentistry should write those schools directly.

*School of Medicine*, Office of the Dean, Committee on Admissions, SM-22, University of Washington, Seattle WA 98195

*School of Law*, Law School Admissions, Condon Hall, JB-20, University of Washington, Seattle, WA 98195

*School of Dentistry*, Office of Student Services, SC-62, D323 Health Sciences, University of Washington, Seattle, WA 98195

## Summer Quarter Admission

*Student classifications (con't)*

*Types of applications*



# Other Admission Information

## Other Admission Information

Summer/Autumn Quarter admission

Autumn Quarter admission

Special enrollment information for graduate nonmatriculated students

### Summer/Autumn Quarter admission

If you would like to begin pursuing a UW undergraduate degree in Summer Quarter and continue in Autumn Quarter, you should apply for matriculated status as a freshman, transfer or postbaccalaureate student as described below. For more information, contact the Admissions Office or the unit listed. Please read *Types of applications*, page 119.

Students who are accepted for Summer/Autumn must register and enroll for Summer Quarter if they wish to enroll in Autumn Quarter. Summer/Autumn students who officially withdraw from Summer Quarter classes on or after June 20 may register for Autumn Quarter without submitting a new application. Withdrawal from Summer Quarter prior to June 20, however, invalidates your status as a continuing student and you must be readmitted to the University; you must submit a new admission application for autumn by the closing dates noted in the *Quick Reference Guide to Quarter Deadlines*, pages 116-117.

### Freshman

This admission classification applies to the individual who is entering college for the first time since graduating from high school. The application priority date for Summer/Autumn Quarter was Feb. 1. Admission is competitive. Not all qualified applicants can be admitted.

### Transfer

This admission classification applies to the student who has earned college credits since leaving high school and is applying to complete a first baccalaureate degree. The application closing date is May 15 (March 1 for international students). Admission is competitive. Not all qualified applicants can be admitted.

### Freshmen Summer Start Program

New incoming UW freshmen who want to begin their college careers during the summer may register for courses frequently taken by incoming freshmen in the arts, humanities, social sciences and sciences. Freshmen will be able to register for Summer Quarter beginning May 2. *Freshmen Summer Start participants should not complete the application form included in this bulletin.* For questions about the Freshmen Summer Start Program and how courses fit into the UW curriculum, contact Advising at (206) 543-6160.

### Postbaccalaureate

This status applies to the student who has completed a four-year baccalaureate degree and wants to pursue an additional bachelor's degree or a teaching certificate, or wants to take further coursework to prepare for another degree program. Application closing date is May 15 (March 1 for international students). If you are interested in obtaining a teaching certificate, see page 118 for more information or contact the Teacher Education Advising and Certification Office, 211 Miller, (206) 543-1820.

### Graduate

This status applies to the student who is seeking a master's degree, a doctoral degree, or a school administrator's credential. Application deadlines vary by department. More information about requirements can be obtained from the appropriate academic unit or the Office of Graduate Admissions, (206) 543-5929.

### Visiting graduate student

A visiting graduate student is a person who plans to transfer graduate credit taken at the University of Washington to another institution where he or she is actively pursuing a graduate degree. Admission is on a space-available basis by recommendation of the appropriate department.

### Autumn Quarter admission

Summer-only nonmatriculated students who wish to attend Autumn Quarter must apply and be accepted as matriculated (degree-seeking) students. Autumn admission is competitive because space is limited. Some admission categories close before Summer Quarter begins (for dates see *Quick Reference Guide to Quarter Deadlines*, pages 116-117). Therefore, you may not be eligible to apply. For more information, contact the appropriate admission office. You'll find the addresses in *Types of applications*, page 119. If your intention is to seek a degree at the University of Washington and you wish to begin enrollment during the summer, it is recommended that you apply for matriculated status for the term called "Summer/Autumn" on the matriculated application form, if you can do so by the appropriate deadline. This will eliminate the need to submit two separate application forms and fees. See *Summer/Autumn Quarter admission*, this page.

### Special enrollment information for graduate nonmatriculated students

Under certain limited conditions, departments, schools or colleges may offer graduate credit to students who are not presently seeking a graduate degree but who have applied and been accepted as a graduate nonmatriculated student. A graduate nonmatriculated student may take a maximum of 12 credits which may be applied to degree requirements should he or she be accepted into a graduate program. For detailed information regarding admission requirements, contact the graduate program coordinator in your area of interest. Acceptance as a graduate nonmatriculated student confers no priority for later admission into the Graduate School for pursuit of a degree.

# International Students

International students are welcome to apply to the University in any admission classification with the exception of graduate nonmatriculated status. International students are those who are not U.S. citizens and are not refugees or immigrants to the United States.

## Summer-only admission

An international student who is not seeking a degree from the UW and who wishes to enroll in courses only during Summer Quarter may use the application in this bulletin. *He or she will be admitted as a nonmatriculated student for Summer Quarter only and may not continue in Autumn Quarter.*

The University cannot provide I-20 forms or give other assistance in obtaining F-1 (student) status for attendance in Summer Quarter only. Summer-only students must have F-1 (student) status already through enrollment at another U.S. college or university, or be able to enter the United States on a visitor's visa or other non-student visa. Additional information will be sent with your offer of admission to Summer Quarter only.

## Summer/Autumn Quarter admission

If international students wish to begin their studies Summer Quarter and continue Autumn Quarter, they must be admitted into a degree program (matriculated). An Undergraduate International Student Application and all required credentials must be filed with the Office of Undergraduate Admissions by Feb. 1 for freshmen and by March 1 for transfers and postbaccalaureates. Admission is granted only for Summer/Autumn or Autumn Quarter. More information is available from the Office of Undergraduate Admissions, 1410 NE Campus Parkway, 320 Schmitz Hall, PC-30, Seattle, WA 98195. Telephone: (206) 543-9686. International students who seek admission as graduate students must contact the Office of Graduate Admissions for appropriate application materials. These forms can be obtained by writing the Office of Graduate Admissions, 98 Administration, AD-10, University of Washington, Seattle, WA 98195; telephone: (206) 543-5929.

## Student insurance

International students must subscribe to the University's medical insurance or obtain insurance waivers by presenting proof of other medical coverage to the University's International Services Office prior to July 8, the tuition due date. (See page 132 for additional insurance details.)

## English for international students

Students granted Summer/Autumn Quarter admission in matriculated status may be required to take English As A Second Language (ESL) courses, and should contact the Office of Special Services, 460 Schmitz Hall, (206) 543-6122, for information about this requirement. Students admitted in nonmatriculated status for Sum-

mer Quarter only, however, have no ESL requirement; the following information applies to these nonmatriculated students only.

If your native language is not English, you may wish to seek academic counseling before you enroll. An adviser can help you learn the level of English language competence needed to successfully complete the courses you plan to take. Academic counseling is strongly recommended for international students whose scores are less than 580 on the Test of English as a Foreign Language (TOEFL) or below 90 on the Michigan Test. Academic advising is available from English As A Second Language, (206) 543-6242; Summer Quarter Advising, (206) 543-6160; Undergraduate Advising Center, (206) 543-2551; or departments offering the courses you plan to take.

Students seeking to improve their English skills are encouraged to take noncredit English As A Second Language (ESL) courses offered each quarter by UW Extension. These students should *not* submit an application to the Office of Undergraduate Admissions or the Office of Graduate Admissions to take ESL courses, but should apply directly to the English As A Second Language Program. Information about ESL courses and ESL can be obtained by writing to the English As A Second Language Program, University of Washington Extension, 103 Lewis Hall, DW-12, Seattle, WA 98195; telephone: (206) 543-6242.

For students who are not native speakers of English, two programs are offered. The Academic English Program offers courses for matriculated (degree-pursuing) students. Successful completion of these courses is one way to satisfy the University's English language requirement. See departmental listing under English (ENGL) and contact the Office of Special Services, 460 Schmitz, (206) 543-6122.

The Intensive English Program offers noncredit courses designed to prepare students for college-level work, as well as help for students who want to improve their English skills. Applications for this program must be made through English As A Second Language, UW Extension, 103 Lewis Hall, (206) 543-6242.

## Foundation for International Understanding Through Students

The Foundation for International Understanding Through Students (FIUTS), located in 302B Student Union Building (HUB), (206) 543-0735, is a nonprofit community organization. FIUTS administers a host family program, an international speakers bureau, group discussions and cultural and educational activities for students.

## International Students

*Summer-only admission*

*Summer/Autumn Quarter admission*

*Student insurance*

*English for international students*

*Foundation for International Understanding Through Students*

*International Services Office*

## International Services Office

The International Services Office provides assistance to matriculated international students. The office is located in 459 Schmitz; telephone: 543-0840.

# Programs for Middle and High School Students

## Programs for Middle and High School Students

### For middle school students

### Advanced Study Program for high school students

### Evening and Independent Study courses

During the summer, the UW offers two special programs for middle and high school students interested in challenging, fast-paced courses.

### For middle school students

Each summer the Halbert Robinson Center for the Study of Capable Youth offers a five-week program of high school level courses for students who have completed the seventh, eighth, or ninth grades. In 1994, from June 27 through July 29, students will work to complete the equivalent of a full academic year of study in one of the following courses: argument and debate, biology, chemistry, geography, literature and math. Classes meet three times a week, five hours a day, and are limited to 16 students each.

Besides vigorous academic challenge, the program provides students with the opportunity to complete high school requirements early or to give themselves more room in their high school programs for electives and activities.

Admission is based on the student's performance on the Scholastic Aptitude Test (SAT) or Washington Precollege Test (WPCT). Some students have taken the SAT through the Johns Hopkins Talent Search; the WPCT can be taken at the Center. The cost of Summer Stretch is \$450 per student; scholarships and payment plans are available. Applications will be accepted on a space-available basis. However, because of limited class size, application by early May is advised.

An additional program for fifth and sixth grade students will run from June 27 through July 14, Mondays through Thursdays, five hours a day. These classes are challenging, but they are not designed to take the place of regular school classes. Students become eligible based on their scores in the Johns Hopkins Talent Search for Young Students. Specifics on courses to be offered will be available in early 1994. Cost for this program is \$300.

The center also offers the Transition School/Early Entrance Program for bright young people who are ready for college-level work before they enter high school. The program is for the few students, age 14 or younger, with the outstanding ability and high motivation that are best matched by a university academic setting.

The Transition School, the first phase, is an intensive, self-contained program which provides a bridge between the junior high or middle school and enrollment in the University. Limited to 16 students a year, the Transition School prepares participants for full-time university work in the second phase, the Early Entrance Program (EEP). The EEP provides a support system for young undergraduates and ensures that their personal, social, and academic needs are met appropriately.

For more information and application procedures, call the center at (206) 543-4160.

### Advanced Study Program for high school students

Through the Advanced Study Program, high school students can enroll in UW courses during the summer. Students can take regular UW courses—for example, mathematics, science, architecture, or one of the UW's popular intensive language programs.

Each student enrolling for credit establishes a UW transcript. The grades earned in the Advanced Study Program are calculated into the overall grade-point average if a student later applies for and is accepted by the UW as a matriculated student.

Some school districts grant students credit toward high school diplomas for the UW courses taken. For more information, a student or his or her parents should consult the student's guidance counselor regarding the district policy.

The Advanced Study Program is designed for high-achieving students who have completed their high school freshman year by June 15. Applicants should have grade-point averages of at least 3.3 (B+).

To apply, a student should send the following materials to the UW Office of Undergraduate Admissions, PC-30, Seattle, WA 98195:

- a completed copy of the summer application on the inside back cover of this bulletin;
- a letter of recommendation from the student's high school principal or guidance counselor;
- a copy of the student's high school transcript; and
- the nonrefundable \$35 application fee.

Students who will graduate from high school in 1994 can use the application on the inside back cover of this catalog and do not need to send a letter of recommendation or a copy of their high school transcript.

Advanced Study Program participants pay undergraduate course fees (page 133).

Students should also review the information on pages 116-120 and 123-140. It is in each student's interest to review course descriptions and prerequisites in this bulletin or the University of Washington *General Bulletin* or to contact an academic adviser in the department offering the course, the Undergraduate Advising Center, (206) 543-2551, or the Summer Quarter Academic Advising Office, (206) 543-6160, for additional information.

For more information about the Advanced Study Program, students, parents and teachers can call the Summer Quarter Academic Advising Office at (206) 543-6160.

### Evening and Independent Study courses

High school students can also supplement their high school coursework and earn college-level credit with the evening credit classes and Independent Study available through UW Extension. Independent Study courses are listed on pages 144-147. For information about evening credit classes, refer to the quarterly UW Extension catalog, available by calling (206) 543-2320.

# Registration for Summer 1994

## STAR registration

Registration is easy using the University of Washington's STAR touchtone telephone registration system. You may register by STAR as soon as you receive notice of acceptance (beginning May 2, 1994). Early registration is recommended. Through STAR, students may add and drop courses. STAR lists alternative sections available if the requested sections are closed or canceled, reports the open/closed status of specified course sections, provides a spoken listing of the confirmed registration schedule, tuition balance, financial aid status, date and amount of last payment, optional charges and previous quarters grades. STAR is available all weekdays and most holidays and weekends. Weekend hours not specifically scheduled are not guaranteed and may be subject to equipment and software maintenance requirements. For instructions on how to register, please see *How to Register Using STAR*, pages 128-129. The four Summer Quarter registration periods are described below. Students enrolled Spring Quarter at the Seattle, Bothell, or Tacoma campuses are eligible to enroll at any campus without applying for separate admission. This applies to Summer Quarter registration only.

### Registration Period I via STAR

**May 2-27**

- Monday-Friday, 6 a.m.-midnight
- Saturday and Sunday, 9 a.m.-midnight

This period is open to continuing students currently enrolled Spring Quarter 1994 or students who completed Winter Quarter 1994 and took Spring Quarter off, matriculated and nonmatriculated, and to new and returning students applying early enough to be notified of registration eligibility. Students may call STAR to make changes to their schedules after initial registration.

#### Registration confirmation

Students registering through May 27 will have their registration confirmations mailed on June 2.

### Registration Period II via STAR

**May 31-June 19**

- Monday-Friday, 6 a.m.-midnight
- Saturday and Sunday, 9 a.m.-midnight

STAR closes at 6 p.m. on June 16 to produce class lists. This period is open to continuing students who were enrolled Spring Quarter 1994 and to newly admitted students and returning former students who did not apply early enough to be eligible for Registration Period I, or who missed that period.

#### Registration confirmation

Registration confirmations are mailed two working days following a completed registration transaction. Call 543-3868 to record your current address.

### Registration Period III via STAR

**June 20-July 1**

- June 20-24, 6 a.m.-midnight
- June 25-26, 9 a.m.-midnight
- June 27-30, 6 a.m.-midnight (\$20 change fee charged)
- July 1, 6 a.m.-6 p.m.

Registration Office, 225 Schmitz, is open for non-STAR transactions Monday-Friday, 8 a.m.-5 p.m.

This period is open to all students for late registration and for changes to registration. A \$25 late registration fee is assessed and billed to students registering for the first time for full term and *a* term courses, except faculty/staff tuition exempt and ACCESS students. A \$20 fee is charged for all changes made on or after June 27.

Students are encouraged to register and complete changes to registration prior to this period since many course sections will be closed and completing a schedule will be difficult.

Students may add courses on STAR through July 1 only. No adds are permitted after July 1 for full-quarter or *a* Term courses.

#### New registration confirmations

Registration confirmations will be mailed in two working days following a completed registration transaction. Call 543-3868 to record your current address.

#### Change of registration confirmations

Change confirmations will be mailed periodically. Students may also confirm their registration schedules by calling STAR and using the List Schedule Transaction (L #). This listing includes building and classroom locations.

### Registration Period IV via STAR

**July 5-Aug. 7**

- Monday-Friday, 6 a.m.-midnight
- Saturday and Sunday, 9 a.m.-midnight

During this period, a \$20 fee is assessed for all changes of registration.

#### Adding and dropping courses

Students may drop courses on STAR during this period. No course drops for full-quarter courses after Aug. 7 or for *a* Term courses after July 7. Term *b* courses only can be dropped between Aug. 8 and 10 in person at the Registration Office. If you drop all courses, a complete withdrawal date is recorded on your transcript. Official withdrawals may be made at the Registration Office, 225 Schmitz or by mail. Some courses require drop codes which are available through the departments.

## Registration for Summer 1994

All students are urged to review the Registration eligibility section, page 125, before registering.

See pages 128-129 for instructions on how to register by phone using STAR.

If you register for courses and find that you cannot attend, you must completely withdraw from the University or you will be committed to pay tuition.

## Registration for Summer 1994

Courses added after registration period II

Special-date courses

Academic advising

Address change telephone service

Class attendance guidelines

Overload guidelines

Registration tampering

Private Access Code (PAC)

### Courses added after registration period II

An entry code is required to add courses after June 26; no full-quarter or *a* Term course may be added after July 1. Term *b* courses may be added at the Registration Office between June 27 and July 27.

Courses audited may not be changed to credit registration after July 1 for full-quarter or *a* Term courses, and after July 27 for *b* Term courses.

### Special-date courses

In general, the registration, fee payment, and grading requirements of special-date courses will depend on whether the course is identified as an *a*, *b* or full-quarter course.

For courses that begin or end on dates other than the standard dates of *a* Term, *b* Term, or full-quarter, observe the following:

- **Late registration fees:** A \$25 late registration fee will be charged when registering on the first day of the course or later.
- **Drop/add fee:** A \$20 drop/add change fee will be assessed for either dropping or adding a special-date course beginning the second day of the course.
- **Tuition refunds:** Full refund is possible if course is dropped no later than the first day of course instruction. One-half refund is possible if course is dropped during the first 40 percent of course. After 40 percent of the course is completed, no refund is possible.
- **Grading:** No grade and no entry on record if course is dropped by first day. Free drops permitted with "W" grade through first 40 percent of course. No drop permitted after 40 percent of course is completed except complete withdrawal for the quarter. No drops of any kind are permitted on last day of course.

### Academic advising

Students planning on continuing their summer studies into Autumn Quarter and beyond are encouraged to see an academic adviser to discuss educational objectives and assess progress toward completion of degree requirements. For information regarding registration, course restrictions, requirements, etc., see an adviser or staff member in the Undergraduate Advising Center, 9 Communications, (206) 543-2551; call UW Extension and Summer Quarter Advising at (206) 543-6160; or, if you are a declared major, see your departmental advising office. It is the student's responsibility to make and maintain contact with advising resources. Summer-only students, or those who plan to complete degrees elsewhere, do not need to see an academic adviser. If they have questions, they are free to call any of the above numbers.

### Late registration fees

Students whose initial registration occurs beginning June 20 (July 21 for *b* Term courses) will be charged a late registration fee. Late registration dates and fees are listed below.

**Full-quarter late registration:**  
June 20-July 1: \$25

***a* Term late registration:**  
June 20-July 1: \$25

***b* Term late registration:**  
July 21-27: \$25

### Address change telephone service - call 543-3868

Students are responsible for notifying the Registration Office when their addresses change. An Address Change Telephone Answering Service is available 24 hours a day, seven days a week, for changes of local and permanent addresses and telephone numbers, restricting release of directory information, and where to mail registration confirmations, tuition billing statements, and final grades. Students should always leave a forwarding address with the U.S. Postal Service whenever they move.

If you have applied for financial aid, you must also report your address change to the Office of Financial Aid.

### Class attendance guidelines

If you do not attend regularly scheduled class meetings during the first week of the quarter, you are subject to being dropped at the discretion of the teaching department to allow enrollment space for other students. Affected courses should be identified in the Time Schedule and/or posted in departmental offices. Please do not assume that departments will automatically initiate a drop for non-class attendees. If you are not going to go to class, you should drop the course through STAR since you might otherwise receive a 0.0 grade. You may not attend a University course in which you have not been officially registered. An instructor may allow you to attend his or her class only if your name appears on the official class list from the Office of the Registrar. A faculty member may attend informally with the approval of the instructor.

### Overload guidelines

For reasons of public safety and instructional quality, course enrollment in each section will be limited to the approved classroom capacity. The Office of the Registrar monitors course enrollments throughout the quarter according to the following guidelines:

- Prior to the sixth class day, a student may add a section unless the class is full or requires permission; then an entry code is required. STAR will accept course overloads up to 115 percent of classroom capacity to compensate for expected course drops.
- No course adds are accepted after the 10th class day for full-quarter and *a* Term courses. No course adds for *b* Term are permitted after July 27.

### Registration tampering

A student who tampers or attempts to tamper with the registration records of another student, including but not limited to dropping courses and adding courses, may be subject to disciplinary sanctions as defined in the Student Conduct Code (WAC 478-120).

### Private Access Code (PAC) to secure your registration and grade data

Before you call STAR for the first time, select your four-to six-digit Private Access Code (PAC), unless you have previously entered your PAC on STAR. For more information, see *Calling STAR for the first time*, page 128.

## Full-time student requirement

To be considered full-time, an undergraduate or professional student must register for 12 or more credits and a graduate student must register for 9 or more credits.

It is important to note that differing criteria and standards for full-time enrollment exist for eligibility in certain programs, e.g., veterans benefits, athletic eligibility, Bureau of Indian Affairs, Vocational Rehabilitation, and various forms of financial aid. Information on full-time requirements of the Department of Veterans Affairs may be obtained at 460 Schmitz, or by calling (206) 543-6122. Consult the Financial Aid Office at 105 Schmitz, or by calling (206) 543-6101, for its requirement on satisfactory student progress.

Full-time immigration and naturalization requirements may be obtained at the International Services Office, 459 Schmitz, or by calling (206) 543-0840.

## \$20 change-of-registration fee

The \$20 change-of-registration fee is assessed for any number of add, drop or change transactions (including change of grading option) processed during a given day beginning the eighth calendar day of the term. The \$20 fee is a service charge, not a penalty, and is in addition to any change in tuition or forfeiture as a result of adds, drops or changes.

There is no charge for changes made in Registration Periods I, II and the first week of Period III. This "free" period gives students an incentive to complete their schedule before the quarter is too far advanced.

Fee waivers are rarely approved. If you think your change is necessitated by a University error or is at the University's request, you must pay the fee and submit a petition for a refund to the Registration Office, 225 Schmitz. You will be notified of the decision by the Office of the Registrar. The fee will be waived only if the change is necessitated by a University error or is at the University's request.

## Undergraduate satisfactory progress

Students admitted to the University to pursue baccalaureate degrees are expected to make satisfactory progress toward the attainment of that degree, and are expected to enter a major and graduate after completion of a reasonable number of credits. Refer to the *UW General Catalog* for additional information.

## Graduate students on leave

To go on-leave, have your department graduate program coordinator sign an on-leave card, then take it to the Registration Office through the fifth class day of the quarter. You must pay a \$35 nonrefundable fee at the Student Accounts and Cashiers Office, 129 Schmitz, after your on-leave card is processed at the Registration Office. The cashier will issue you an on-leave card so you will have access to the libraries. If you have preregistered for the quarter in which you plan to go on-leave, you must officially withdraw prior to the first day of that quarter before the on-leave status will be granted.

## Registration eligibility

### All students

**Guaranteed registration eligibility.** All students at the University who remain in good standing and in compliance with other rules and regulations, with no outstanding financial obligations, are guaranteed the opportunity to register each quarter as long as they maintain continuous enrollment (Summer Quarter excepted). Continuation must be in the same classification, e.g., undergraduate, post baccalaureate (fifth-year), graduate, etc. Once a student earns a baccalaureate degree, he or she must apply for readmission as a postbaccalaureate (fifth-year), nonmatriculated, or graduate student. Exceptions to the guarantee are: (1) students under disciplinary action, (2) students with a registration hold, (3) students not meeting their departmental continuation policies, or (4) students not meeting the University's satisfactory progress policy (see *General Catalog*).

### Undergraduate and professional students

**Quarter-off eligibility policy.** Subject to college, school, and departmental enrollment policies, undergraduate and professional students who have completed a quarter at the University of Washington may take the following quarter off and remain eligible to register in Registration Period I for the subsequent quarter without reapplication as returning students. For example, a student completing Winter Quarter may, without registering for or completing Spring Quarter, register during Registration Period I for Autumn Quarter without reapplying. Any quarter from which a student has completely withdrawn, or from which he/she is canceled, does not constitute a completed quarter. Summer Quarter enrollment is not required to maintain continuous registration eligibility.

Returning students who do not meet the criteria described in the above paragraph must submit a *Returning Student Application* by the published deadline.

### Graduate students

**On-leave status.** The quarter-off eligibility policy is not available to graduate students. Graduate students who do not maintain continuous enrollment (Summer Quarter excepted) must file a *Petition for On-Leave Status* with the Graduate School. Students who are registered for any portion of a quarter, may not go on-leave for that quarter unless they officially withdraw at the Registration Office, 225 Schmitz Hall prior to the first day of the quarter. On-leave graduate students returning to the University on or before the termination of their authorized periods of leave must apply as returning former students (through the Registration Office by the published deadlines).

## Registration for Summer 1994

Full-time student requirement

\$20 change-of-registration fee

Undergraduate satisfactory progress

Graduate students on leave

Registration eligibility

## Registration for Summer 1994

Center for Career Services

UW ID card

U-PASS

### Center for Career Services

The Center for Career Services provides comprehensive career and job search information and services for students and alumni to facilitate their transition from academic programs of the UW to the broader society. Services are available to UW students and alumni who are registered with the office. Registration is free for students; alumni must pay applicable fees for the period of time during which services are desired.

Services include individual career counseling, job search seminars, a career information library, a Minority Job Placement Program, on-campus interviews, job opportunity bulletins, a placement/credential file service, and career- and degree-related summer jobs/internships. To participate in the on-campus interview program, students must attend an orientation session. For more information, please come to the Center for Career Services at 301 Loew Hall, FH-30, or call (206) 543-0535.

### UW ID card

Carry your UW ID card with you at all times since it is required for a variety of transactions and services on campus. In some situations, you may be asked to provide additional pieces of identification, including one containing your photo. A quarterly validation sticker is mailed with your registration confirmation. The sticker should be affixed to the permanent ID Card as soon as it is received. Lost ID Cards may be replaced at the Student ID Center, 229 Schmitz. A \$5 fee is charged for each replacement. A \$10 fee is charged for replacement photo IDs issued to students living in university housing. These fees are nonrefundable.

### U-PASS

A U-PASS validation sticker is mailed with students' registration confirmation each quarter. The U-PASS is valid on all regular Metro routes and most Community

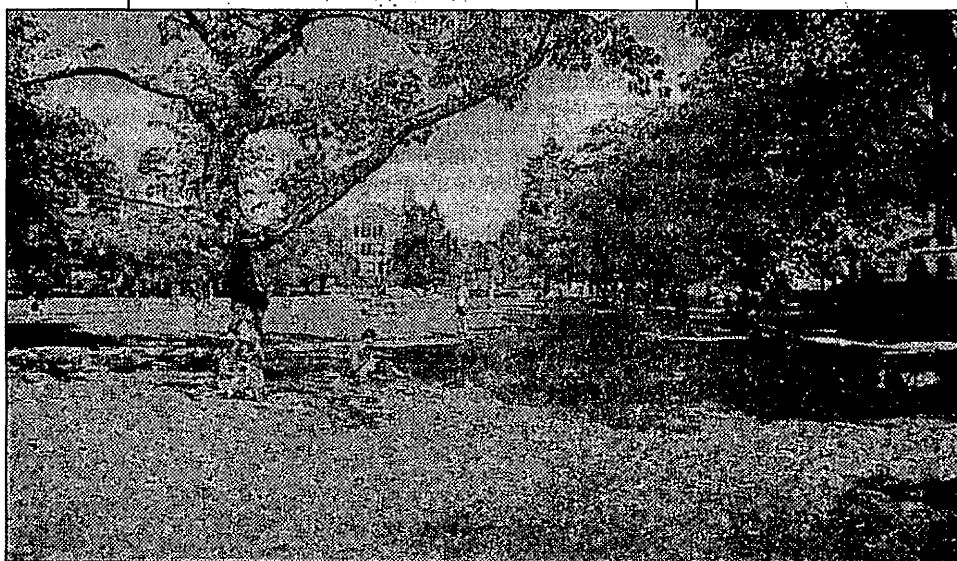
Transit routes at all times and provides parking privileges to carpoolers, riding privileges to vanpool passengers, and merchant discounts. The quarterly fee of \$24 will be included on the tuition bill. Students who do not wish to participate in the U-PASS program must return the validation sticker to the university by the tuition payment deadline. The sticker can be returned by mail in the return envelope provided, or mailed with the tuition payment, or returned in person at the Student Accounts and Cashiers Office.

Students who withdraw through the seventh calendar day of the quarter without returning the U-PASS sticker will owe \$75 for the U-PASS. Students who withdraw after the seventh calendar day will be charged the applicable tuition and may retain the pass for \$24 or return it no later than the tuition due date to have the \$24 fee waived. There will be no U-PASS refunds after the tuition payment deadline and no replacement of lost U-PASS stickers for students who have withdrawn.

Students who did not receive their U-PASS in the mail will be asked to sign a certifying statement and will be issued a replacement sticker at no charge through the first week of the quarter. Replacement stickers issued after the first week will cost \$10. Lost ID cards bearing a U-PASS sticker will be replaced for a \$15 fee, which includes a new U-PASS sticker. Replacement fees are non-refundable. Students issued replacement stickers will not be permitted to cancel the \$24 U-PASS fee by returning a sticker.

Registered students who have not already purchased a U-PASS sticker may do so at the Registration Office, 225 Schmitz, any time during the quarter. The fee will remain \$24 throughout the quarter.

The U-PASS is the property of the University of Washington and is not transferable. The U-PASS program and replacement policies are subject to change without notice.





## ACCESS program for older adults

Wednesday, June 22, 8 a.m. to 5 p.m.

Registration Office, 225 Schmitz Hall

Registration time is based on last name.

(ACCESS students do not register through STAR)

|                 |     |                  |     |
|-----------------|-----|------------------|-----|
| 8-9 a.m. ....   | F-H | noon-1 p.m. .... | S   |
| 9-10 a.m. ....  | I-L | 1-2 p.m. ....    | T-Z |
| 10-11 a.m. .... | M-O | 2-3 p.m. ....    | A-B |
| 11-noon ....    | P-R | 3-4 p.m. ....    | C-E |

The University of Washington waives tuition for Washington residents 60 years or older who wish to attend classes as auditing students, on a space-available basis. Courses marked with a greater than sign (>) require an entry code to register. Contact the offering department to obtain entry codes prior to coming to the Registration Office. The fee is \$5 whether one or two courses are attended and will be billed if registration in a course(s) is completed. The payment is due by July 8. As auditors, students do not receive credit and are not expected to do laboratory work or to take examinations. ACCESS students may register for all courses except UW Extension, Independent study, studio, laboratory courses, and honors sections. ACCESS students may also register in 500-level graduate courses with the approval of the instructor by obtaining an entry code through the department. A transcript is not maintained. Students who attend the University under the ACCESS program are limited to two courses per quarter.

For additional information about the program, call UW Extension Student Records, 543-2320, between 8 a.m. and 5 p.m., weekdays.

## Tuition exemption programs for UW faculty/staff and Washington state classified employees

Students enrolling under these exemption programs must be full-time permanent employees and meet the criteria established for faculty and staff of the University of Washington or by the employing agency of the state of Washington for non-University employees. UW employees must have been continuously employed full-time for six months or more with the University immediately prior to the academic quarter in which they are enrolling. Those who meet the requirements and are admitted to the UW may take up to six credits per quarter under the tuition exemption programs. According to legislative action, all registration must be on a space-available basis after other matriculated students have registered. Students cannot register for graduate-level independent study courses numbered 600, 700, or 800. Students admitted as nonmatriculated in order to use one of these exemption programs may only register for classes when using the exemption and the exemption request form has been submitted. Matriculated students will be permitted to register even when they are not using the exemption: full tuition and fees will be charged. Deadlines and registration dates are listed below by category:

### UW faculty/staff

**Friday, May 27** Tuition exemption request card due to Registration, 225 Schmitz, PD-10.

**Wednesday, June 22** Registration begins on STAR. Open from 6 a.m. until midnight.

**Monday, June 27** \$25 late registration fee begins.

**Friday, July 8** \$5 registration fee due. Fee is billed if a student successfully registers.

### Washington state classified employees

**Friday, May 27** Tuition exemption request card due to Registration, 225 Schmitz, PD-10.

**Thursday, June 23** Registration begins on STAR. Open from 6 a.m. until midnight.

**Monday, June 27** \$25 late registration fee begins.

**Friday, July 8** \$30 registration fee due. Fee is billed if a student successfully registers.

Students enrolling under these exemption programs may attend class beginning the first class day if space is available. Please check with the department offering the course to determine the correct classroom location. The building and room number may have been changed by the department since the *Time Schedule* was printed.

### Admission status

Matriculated-program participants who wish to enroll as new matriculated students or in a new matriculated category must apply to the Office of Undergraduate Admissions, 320 Schmitz Hall, by the regular admission closing date; May 15 is the closing date for Summer/Autumn applications. Students applying to the Graduate School must contact the applicable academic department for application information.

Nonmatriculated-program participants who are applying as new nonmatriculated students should apply at the Office of Undergraduate Admissions. Applications must be submitted in person after June 1.

Returning students-program participants who are former students returning in the same classification or as nonmatriculated students should apply at the Registration Office, 225 Schmitz Hall. Applications will be accepted up to the beginning of the quarter.

### How to register

If the tuition exemption request has been received by the Registration Office in time, program participants may call STAR on or after the appropriate eligibility dates. Registration continues through Sunday, June 26, on STAR without assessment of late fees. Effective Monday, June 27, a \$25 late registration fee is billed if the student is initially registering for the quarter, and a \$20 change fee is charged for registration changes. Students participating in the exemption programs will be billed these fees, if applicable, plus the registration fee when registration in a course is successful.

Students will not be permitted to convert to the tuition exemption program if they have already registered for Summer Quarter, and they will be required to pay regular tuition for those credits.

Students participating in these programs are not entitled to other student services such as those available at the Hall Health Center and the Intramural Activities Building. Therefore, UW student cards will not be issued to students enrolling under the faculty/staff or Washington state classified employee exemption programs. Faculty/staff identification cards may be used for library services. Washington state employees participating in the program may contact the Student ID Card Center in 229 Schmitz Hall for an ID card to be used for library services.

## Registration for Summer 1994

ACCESS program for older adults

Tuition exemption programs for UW faculty/staff and Washington State classified employees

# How to Register Using STAR

## Using STAR

### General information

#### General information

##### Touchtone telephone

Use only a touchtone telephone to make entries on STAR. Touchtone phones make a different tone after each key is pressed. Telephones that make no tone or only a monotone will not work on the registration system. Your touchtone phone acts as a computer keyboard, enabling you to enter your course requests just as if you were sitting at a computer terminal. Within minutes, you will know your confirmed schedule.

##### Calling STAR

STAR is available during published registration dates and times (see page 123). STAR is closed on holidays and may close earlier than midnight on a few days to produce registration confirmations and instructors' class list. If STAR does not answer your call, it is not in operation. If the phone line is busy, all lines are being used. Call back later. You may call STAR during, or after, your initial registration date to add, drop, check section status, etc.

##### Calling STAR for the first time

When you call STAR for the first time, enter your date of birth when STAR asks you to enter a Private Access Code. Select a Private Access Code (PAC) of four to six digits that you can easily remember. Enter the PAC that you selected when prompted by STAR. You will then use your PAC for all future calls to STAR. If you wish to change your PAC, you may do so at any time using transaction code 9. Please refer to the *STAR Work Sheet*, page 131, for instructions. If you forget your PAC, you will need to go to the Registration Office, 225 Schmitz Hall and present photo ID to obtain your code or select a new one.

##### Voice response

A voice response will guide you after each transaction. If you do not understand a response or instruction and would like it repeated, press the star key (\*) first, and then the number sign key (#).

##### If you make a mistake

If you make a mistake before finishing an entry, press the star key and the number sign key (\*#), and your entry will be discarded.

##### To speed up your registration

To expedite your registration, you may enter data during the voice response. Be cautious about doing this, since you may miss some important information.

##### Disconnect action

Time limits are built into the system, so if you are holding on the STAR line for an extended period of time, you will be disconnected. Error limits are also a part of the STAR system, so if you do not enter the correct information after the second try, STAR will disconnect. You may immediately call back to STAR. You may call up to 100 times a day. No transactions will be permitted when your calls exceed 100 on that day.

##### Transactions

The transactions you enter on your touchtone telephone communicate to the computer what action to take (such as add a course, drop a course, check a section status, etc.) and what data you want considered. Refer to the STAR Worksheet for the transaction codes.

#### Entry codes

Entry codes are five digit random numbers issued to you by academic departments as authorization to add or drop restricted course sections. Academic departments have the ability to establish varying levels of enrollment control for course sections in each registration period, or they can maintain the same level of control throughout.

Courses requiring entry codes are designated with the symbol > to the left of the schedule line number (SLN) in the *Time Schedule* section of this bulletin. Please note that departments reserve the right to require entry codes whether the course is so designated in the *Time Schedule* or not. Usually information on where to obtain entry codes is found in the body of the *Time Schedule*, either as a comment before the course listing or just after the title of the course. Contact the department offering the course if STAR advises you an entry code is required and the location for obtaining one is not identified in the *Time Schedule*.

Instructors may issue entry codes to students when a class is full. You may use this code to override the system but not if the overload will increase enrollment over 115 percent of room capacity.

Once you have used an entry code, the computer removes it from the list of viable codes and will not accept it again. If you drop a section that required an entry code to add, then you must obtain another entry code from the department if you wish to re-add the section.

When you use an entry code to register, it becomes a part of your registration record, and is visible with your name on computer terminal screens. Entry codes are required to add courses during the second week of the quarter.

#### Independent Study Courses

If you are enrolling in independent study courses such as 499, 600, 700, or 800, you will first need to obtain a faculty number from the instructor or department. The faculty number is used instead of the entry code to register for the courses on STAR. If you enter an entry code instead of a faculty number, STAR will reject your request.

#### Lecture/lab/quiz/conference

These are combined under one SLN for each possible combination of time and day. On STAR, when you register for a course SLN associated with a lecture, lab and/or quiz or conference, you will be registered for all the lecture, lab, quiz or conference combinations as listed under one SLN in the *Time Schedule*.

#### Alternate selections

If the section requested is closed you will be informed by STAR of open section alternates (including new sections added after the publication of the quarterly *Time Schedule*). You can then immediately select an alternate section to be added to your schedule. Have a pencil ready and be prepared to write down schedule line numbers (SLN) and meeting times of alternate sections.

#### Time conflict

You may not register on STAR for two courses that meet at the same time or for courses with overlapping meeting times. If you want the second course instead of the one

you are registered for, you must drop the first one before adding the second course on STAR. If you want two time-conflicting courses, you must add the second course, in person, at the Registration Office, 225 Schmitz. Students must obtain the approval of both instructors to add a course that conflicts one hour a week or less; instructor signatures are required for courses that conflict more than one hour per week.

#### **Registration holds**

If you have a hold on your registration, you will not be permitted to register or add courses until the hold has been released by the initiating office. If you attempt to register on STAR before your hold has been released, the voice response will indicate which office has placed the hold, and where to go to get it released. You may make other transactions on STAR.

#### **Electing S/NS grading option**

You must register for a course on STAR, and then go in person to the Registration Office, 225 Schmitz Hall, to elect the Satisfactory/Not Satisfactory grading option. S/NS may be elected through July 1 for full quarter and a Term courses and July 27 for b Term courses.

#### **Audit**

You must first register on STAR for the course you wish to audit, and then go in person to the Registration Office, 225 Schmitz Hall, to select the audit grade option. A "W" will be recorded on your transcript if you change to audit beginning July 5 through Aug. 5 for full-term courses; June 27 through July 8 for a term courses, or July 28 through Aug. 10 for b term courses. A \$20 change fee is charged beginning the sixth class day.

#### **Credit limitations**

Undergraduates will be limited to 19 credits during Registration Periods I and II to allow all students a chance to develop a basic schedule. Additional credits may be added during Registration Period III. Thirty credits is the limit per quarter.

#### **Variable credits**

Some courses are offered for a variable number of credits. See the department to obtain the appropriate number of credits for a variable credit course and be prepared to enter the number of credits when requested to do so by the voice response on STAR. Changes in variable credits are made at the Registration Office, 225 Schmitz.

#### **Section II on STAR worksheet**

Since Section II requires selection decisions only during your first telephone call each quarter, you may proceed directly from Section I to Section III through Section XII in a random manner when making subsequent calls. Selections may be changed on STAR. Faculty/staff or Washington state classified employees using a tuition exemption program, and branch campus students will not be asked to make decisions for Section II.

#### **Merlin telephone**

If using an AT&T Merlin telephone to call STAR, press the # sign key twice to send transactions.

#### **Registration in sequence courses**

Departments may establish a registration priority for students enrolled in sequence courses. For example, students enrolled in a foreign language 101 course would have priority to register in the next course sequence (102) for the succeeding quarter.

## **Using STAR**

### **General information (con't)**

*Follow these steps before calling STAR*

## **Follow these steps before calling STAR**

**Step 1:** Read *Registration for Summer 1994*, pages 123-127, *How to Register Using STAR*, and the *STAR Work Sheet*, page 131, carefully.

**Step 2:** Academic advising is highly recommended, and it is suggested that you make an appointment with your adviser before selecting your courses. Use the Trial Schedule Form provided on the following page to draft your schedule.

**Step 3:** Obtain entry codes or faculty numbers from departments when required.

**Step 4:** Organize your registration materials. Use the *Time Schedule* listing in this bulletin, pages 68-108, to obtain the schedule line number (SLN) for each course section. SLNs change every quarter. Develop your program on the Trial Schedule Form. Prepare an alternate course section list because some sections may be full. Complete the STAR Work Sheet. By completing the work sheet before calling STAR, you will have all the information you need at your fingertips, and will reduce the chances of being disconnected.

**Step 5:** Take care of all University financial obligations before calling STAR, since STAR will not permit you to register if there is a "hold" on your registration.

**Step 6:** Select a four- to six-digit Private Access Code (PAC) that you can remember easily. If you are calling STAR for the first time, enter your birthdate when STAR asks you to enter your PAC.

**Step 7:** Call STAR from a touchtone telephone and begin with Section I on the STAR Work Sheet. You will be asked to provide information in Section II during your first telephone call to STAR. Always exit STAR using the "T" transaction followed by the number sign key (#), so that you can find out how to obtain your registration confirmation.

**Step 8:** Remember once you have initially registered, you can call STAR as often as you want to check the status of sections, have your confirmed schedule listed, add/drop courses, check your account balance, etc.

## **Questions?**

*If you have questions regarding registration, please call Registration, (206) 543-8580, Monday through Friday, 8 a.m.-5 p.m.*

# Trial schedule form

Plan your schedule on this form.

| Schedule line number | Entry code or faculty number | Department abbreviation | Course number | Section | Credits | S/NS audit    | Hour(s) class meets |         |           |          |        |  |
|----------------------|------------------------------|-------------------------|---------------|---------|---------|---------------|---------------------|---------|-----------|----------|--------|--|
|                      |                              |                         |               |         |         |               | Monday              | Tuesday | Wednesday | Thursday | Friday |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         |               |                     |         |           |          |        |  |
|                      |                              |                         |               |         |         | Total credits |                     |         |           |          |        |  |

**University Of Washington**  
**Student Telephone Assisted Registration (STAR)**  
**Summer Quarter 1994 STAR Work Sheet**

**I. Always access STAR with these four steps:**

- Call STAR **5 4 8 - S T A R** (If calling long distance, precode STAR number with 1-206)  
(On UW campus call, 9-548-STAR)  
7 8 2 7
- Enter Quarter Code **3** 3 = SUMMER
- Enter your Student ID number:
- Enter your four to six digit Private Access Code, followed by **#** *For security of your record, do not write your Private Access Code on this work sheet.*

|            |        |                   |
|------------|--------|-------------------|
| 1          | ABC 2  | DEF 3             |
| GHI 4      | JKL 5  | MNO 6             |
| PRS 7      | TUV 8  | WXY 9             |
| * Star Key | OPER 0 | # Number Sign Key |

**II. You will only be asked to provide this information during your first call each quarter. Make your entry after the STAR voice asks for each selection.**

- Student Health Insurance  **INSURANCE OPTIONS** (For descriptions, refer to Student Insurance section of the Time Schedule. Press zero for no insurance.)  
0 (zero) = No Insurance

|  |   |
|--|---|
| 1=Student Quarterly Insurance                      | 5=Student Annual Insurance                      |
| 2=Student and Spouse Quarterly Insurance           | 7=Student and Spouse Annual Insurance           |
| 3=Student, Spouse and Children Quarterly Insurance | 8=Student, Spouse and Children Annual Insurance |
| 4=Student and Children Quarterly Insurance         | 9=Student and Children Annual Insurance         |

- ASUW membership  Y = Yes  
N = No
- Contribute to Washington Student Lobby  Y = Yes, add \$1 for WSL to my bill  
N = No
- Contribute to WashPIRG  Y = Yes, add \$3 for WashPIRG to my bill  
N = No

- Address to use for Official UW mailings: (updated at time of call)
- Registration Confirmation  L = Local Address  
P = Permanent Address
  - Statement of Account (Tuition and Fee Bill)  L = Local Address  
P = Permanent Address
  - Grade Report  L = Local Address  
P = Permanent Address

Be sure your current address is on file with the Office of the Registrar. Call 543-3868 24 hours a day, seven days a week to update your address.

**III a. To add courses NOT requiring Entry Codes:**

Schedule Line Number

**A**     **#**

You will be prompted to enter credits if course has variable credits.

**III b. To add closed courses or courses requiring Entry Codes:**

Schedule Line Number      Entry Code or Faculty Number

**A**     \*      **#**

An Entry Code does not guarantee a space in the course. STAR will not accept a course add, if the enrollment in the course is 115% or more of room capacity. You will be prompted to enter credits, if course has variable credits.

**IV. To drop courses:**

Schedule Line Number

**D**     **#**

You will be prompted to enter an Entry Code, if required to drop.

**V. To list your schedule:**

**L** **#**

Includes meeting days and times, building and room.

**VI. To check course status: (Open/Closed)**

Schedule Line Number

**S**     **#**

Includes available alternate sections, if requested section is closed.

**XI. To discard any partial entry and repeat previous message:**



**VII. To list your grades:**

**G** **#**

Includes officially recorded grades for the most recently completed quarter.

**VIII. Student Account and Loan Status Inquiries:**

- |                     |  |
|---------------------|--|
| <b>1 1</b> <b>#</b> | To list current student account balance.                                     |
| <b>1 2</b> <b>#</b> | To list summary of disbursed financial aid and aid check availability.       |
| <b>1 3</b> <b>#</b> | To determine if outside lender loan funds are available.                     |
| <b>1 4</b> <b>#</b> | To list the latest recorded student account payment.                         |
| <b>1 5</b> <b>#</b> | To list this quarter's selected optional charges (WashPIRG, WSL, Insurance.) |

**IX. To change optional charges for this quarter:**

- Insurance option
- C I**  **#**      Student Health Insurance - see Insurance Options in Section II (above)
- Y or N
- C L**  **#**      Washington Student Lobby  
Y=Yes, add \$1 for WSL to my bill  
N=No, drop WSL charge from my bill
- C W**  **#**      WashPIRG  
Y=Yes, add \$3 for WashPIRG to my bill  
N=No, drop WashPIRG charge from my bill

**X. To change your Private Access Code:**

**9**         **#**      For security of your record, do not write your Private Access Code on this work sheet

**XII. To exit STAR (terminate call) and receive information on Registration Confirmation:**



# Tuition, Billing and Student Insurance

## Tuition, Billing and Student Insurance

Tuition forfeitures or refunds

Tuition/fee assessments and deadlines

Application of payments to a student's account

Student insurance

Student Associations

Summer Tuition Schedule

### Tuition forfeitures or refunds

Students will be billed for the number of credits, including audit hours, on their programs at the beginning of the quarter. Courses added after this date may result in additional fees. Only partial fee reductions will be made for courses dropped after the 7th calendar day of the term.

For each category of courses (full-quarter, Term *a* or Term *b*), there is a period during which students owe one-half the fees associated with dropped courses.

| Type of course | Half-payment period |
|----------------|---------------------|
| Full-quarter   | June 27-July 8      |
| <i>a</i> Term  | June 27-July 8      |
| <i>b</i> Term  | July 28-Aug. 10     |

After these half-payment period dates, there is no reduction in the fees owed, due to drops or withdrawal. The effective drop date is the date the drop is processed on STAR or in Registration, 225 Schmitz.

### Tuition/fee assessments and deadlines

It is the student's responsibility to see that tuition is paid in full by the tuition due date (third Friday of each quarter). Bills are sent at the beginning of each quarter to facilitate payment. However, failure to receive a tuition bill does not nullify the student's responsibility for payment by the due date. Account balances are available through STAR. Students must select their permanent or local address on STAR for fee statement mailing, or call 543-3868 if they need to make a change of address. Students who have not received a fee statement by July 5 should contact the Student Accounts and Cashiers Office, or call STAR for the amount of tuition due.

Students may pay fees in person in the Student Accounts and Cashiers Office or mail them to UW, Student Accounts and Cashiers Office, 129 Schmitz, PE-10, Seattle, WA 98195, before the tuition due date. Fees must be paid by July 8 for all summer terms whether or not a billing statement has been received. Checks and money orders must be in U.S. dollars and drawn on a U.S. or Canadian bank. If a person other than the student is paying tuition, the student may use STAR by pressing 11# to determine if the account has been paid. Payments postmarked on or before the due date are accepted without a late fee. Mail postmarked after the due date is subject to the penalties described below.

If students fail to pay by the deadline, they may continue to pay their tuition the week following the due date, plus a late fee as follows:

| Past Due Balance | Late Fee |
|------------------|----------|
| Over \$250       | \$30     |
| \$30-\$250       | \$10     |
| Less than \$30   | \$0      |

### Important information

- Drops or withdrawals after the first week of the term will cost you \$20 plus at least half of tuition reduction (see *Tuition forfeitures or refunds*, this page).
- Tuition for all summer terms is due July 8.
- Charges incurred after tuition due date must be paid in one to three days (see *Tuition/fee assessments and deadlines*, this page).

If payment has not been received in the Student Accounts and Cashiers Office by July 15, students' registrations will be canceled. Students permitted to reregister after cancellation for nonpayment will be charged a \$75 fee, in addition to their tuition.

Charges incurred after the tuition due date (July 8) must be paid within three business days to avoid registration cancellation, *except* during last week of instruction, when charges must be paid by the next business day.

If reregistering, all classes on a student's schedule at the time of registration cancellation must be re-added. (Fees will include appropriate charges for classes dropped during the forfeiture period.) If students want to drop any course after reregistering, they may do so on STAR until Aug. 7 for a full-term course, July 8 for *a* Term, and Aug. 10 for *b* Term. A \$20 change fee will be processed. No reregistration will be possible after the last day of instruction. Please note: Even if registration is canceled, students will continue to owe one-half of their tuition.

Credit cards are not accepted.

Tuition and fees not paid by the end of the academic quarter will be subject to an interest charge of one percent per month, or fraction of a month (12 percent A.P.R.), beginning with the month following the end of the quarter. Delinquent unpaid accounts may be referred to a collection agency and reported to a credit bureau.

### Application of payments to a student's account

As a rule, payments received for a student's account are applied to charges in order of their due dates. For charges with the same due date, payments are applied first to tuition and related University fees and then to other charges on the account. A payment may be applied to a specific charge by contacting the Student Accounts Office at 129 Schmitz Hall. Financial aid from Federal Title IV programs is applied only to required tuition and fees and to loan and aid repayment obligations. The University may not apply such aid to pay insurance and some other optional charges.

### Student insurance

The University offers a voluntary accident and sickness insurance plan to supplement the services available at the Hall Health Center. Seattle campus students (except nonmatriculated students and those enrolled in programs administered by UW Extension and UW faculty/staff or Washington state classified employees attending classes under the employee tuition exemption program) who remain registered through at least the first seven calendar days of the quarter are eligible to enroll in the plan.

Students may sign up for the plan when they register for classes. If students are registered for classes by their academic departments, and no plan is indicated, they

will be enrolled in the student-only quarterly plan. The insurance premium will be included on the quarterly tuition statements and must be paid by the quarterly tuition due date. In most cases, financial aid will not pay insurance directly so students must make sure the premium is paid on time. There is no late payment period for the insurance premium.

Students who wish to add, cancel, or change their insurance selection, may do so on STAR and remit the correct balance by the tuition due date. Or, students may make changes when paying tuition in person at the Student Accounts and Cashiers Office, by the tuition due date.

International students must subscribe to the student insurance plan unless they are covered by another plan. Summer-only nonmatriculated students and students admitted for Summer/Autumn must submit proof of coverage to the International Services Office by July 11. Waivers for continuing students who have already presented proof of coverage for the current academic year (Autumn 1993 through Spring 1994) are valid through Summer Quarter. Students holding insurance policies that expire during the academic year are responsible for obtaining new waivers, as necessary.

Brochures describing the plan in more detail are available at the Hall Health Center, the HUB, and at the Registration Office, 225 Schmitz Hall. Plan benefits may change each academic year, so students are encouraged to review the brochure carefully.

## Student associations

### Washington Student Lobby (WSL)

The Washington Student Lobby (WSL) is a voluntary, independent organization of university students whose purpose is to influence the Washington State Legislature and other decision makers on higher education matters of special interest to students. Students may choose to support the WSL by contributing \$1 each quarter. Support for the WSL may be indicated during registration and the voluntary contribution will be included on the tuition billing statement for payment with tuition.

### Washington Public Interest Research Group (WashPIRG)

The Washington Public Interest Research Group (WashPIRG) is a student-directed, non-profit and non-partisan organization which works on issues affecting the quality of life in Washington State. Students participate in WashPIRG as decision makers, volunteers and credit interns producing research reports, lobbying the legislature, and organizing students and citizens around consumer, environmental, and governmental issues. Students may choose to support WashPIRG by contributing \$3 each quarter. Support for WashPIRG may be indicated during registration and the voluntary contribution will be included on the tuition billing statement for payment with tuition.

## Summer tuition schedule\*

*Tuition schedule subject to change without notice.*

**Undergraduate:** Resident and nonresident (including nonmatriculated and fifth-year)

**Full-time** (More than 9 credits) \$967

### Part-time

|                     |       |
|---------------------|-------|
| 9 credits           | \$870 |
| 8 credits           | 773   |
| 7 credits           | 676   |
| 6 credits           | 579   |
| 5 credits           | 482   |
| 4 credits           | 385   |
| 3 credits           | 288   |
| 2 credits (minimum) | 191   |

**Graduate and Law:** Resident and nonresident

**Full-time** (More than 6 credits) \$1,047

### Part-time

|                     |       |
|---------------------|-------|
| 6 credits           | \$897 |
| 5 credits           | 747   |
| 4 credits           | 597   |
| 3 credits           | 447   |
| 2 credits (minimum) | 297   |

**Medical and Dental** Resident Nonresident

|  |         |         |
|--|---------|---------|
| <b>Full-time</b><br>(More than 12 credits) | \$2,484 | \$6,309 |
| <b>Part-time</b>                           |         |         |
| 12 credits                                 | \$2,293 | \$5,824 |
| 11 credits                                 | 2,102   | 5,339   |
| 10 credits                                 | 1,911   | 4,854   |
| 9 credits                                  | 1,720   | 4,369   |
| 8 credits                                  | 1,529   | 3,884   |
| 7 credits                                  | 1,338   | 3,399   |
| 6 credits                                  | 1,147   | 2,914   |
| 5 credits                                  | 956     | 2,429   |
| 4 credits                                  | 765     | 1,944   |
| 3 credits                                  | 574     | 1,459   |
| 2 credits (minimum)                        | 383     | 974     |

\*The additional fee per credit hour for more than 18 credits does not apply to Summer Quarter.

This tuition schedule does not reflect full-time load requirements for loan deferments, teaching assistantships, or other programs. For more information, consult the section *Full-Time Student Requirements*, page 125.

### Special course and laboratory fees

The amounts charged for tuition and fees normally cover University charges for course registration. Some courses, however, have extraordinary expenses associated with them and in such cases the University may charge additional fees in amounts approximating the added instructional or laboratory costs.

# Withdrawal Information

## Withdrawal Information

### Course withdrawals

### Withdrawing from the quarter

### Complete withdrawal from the University

### Withdrawal for military service

## Course withdrawals

A course drop made during Registration Period IV (July 5-Aug. 7) is recorded on a student's transcript as a W grade with a number designation of the week of the quarter in which the course drop was transacted, e.g. W3.

## Withdrawing from the quarter

Students may withdraw under the guidelines described below. Undergraduate and professional students (dental, law or medical) who have completed the preceding quarter may take a quarter off under the Quarter Off Eligibility Policy. Review the Registration Eligibility section for complete details.

Students who drop their last course on STAR and do not add a course will be considered withdrawn for the quarter. The last date to add or drop courses is listed in the *Quick Reference Guide to Quarter Deadlines*, pages 116-117. The \$20 change fee is charged for all course drops beginning the eighth calendar day of the term.

## Complete withdrawal from the University

### Withdrawal for the quarter (dropping all courses)

It is the student's responsibility to withdraw completely if unable to attend for the quarter. Students may write the Registration Office, 225 Schmitz Hall, PD-10, University of Washington, Seattle, WA 98195, or withdraw in person at 225 Schmitz Hall. Withdrawals by mail are effective on the date of the postmark.

Students who drop their last course on STAR and do not add a course will be considered withdrawn for the quarter. Beginning the eighth calendar day of the quarter, students will be charged a \$20 change fee for dropping courses through STAR.

Tuition owed will be based upon the date the complete withdrawal is recorded at the Registration Office or the postmark date for withdrawals received by mail. Students who withdraw through the seventh calendar day of the quarter will owe a \$75 U-PASS fee unless it is returned to the Student Accounts and Cashiers Office by the tuition due date. Students who pay the \$75 fee and then lose their U-PASS are not eligible to purchase a replacement U-PASS sticker. No withdrawals are accepted after the last day of instruction for the quarter.

Students withdrawing before the first day of the quarter should review the Registration Eligibility section, page 125. New students must reapply through the Admissions Office.

Courses dropped as part of a complete withdrawal from the University during the first two weeks of a quarter are not recorded on your UW transcript; however, the date of the complete withdrawal is recorded.

Students who withdraw during the first week of two consecutive quarters (Summer Quarter excepted) will not be eligible to register as a continuing student for the third quarter. Such students must reapply as a former student returning to the University. For example, a student who withdraws during the first week of Autumn Quarter and Winter Quarter must reapply as a returning former student for Spring Quarter.

## The forfeiture schedule for completely withdrawing from the University is as follows:

- Students withdrawing by the seventh calendar day of the term do not pay tuition.
- Students withdrawing between the 8th and 21st calendar day of the term continue to owe one-half of their tuition.
- Students withdrawing after the 21st calendar day of the term continue to owe full tuition.
- Students whose registrations are canceled for non-payment of fees will continue to owe the University one-half their tuition and fees.
- International students who are registered for an English As A Second Language course must make a separate request for a refund for that course by contacting the ESL Office in 102 Lewis Hall at the same time they withdraw from the University.
- Students who drop classes between the 8th and 21st calendar day of the term that result in lower tuition, will owe one-half of the tuition associated with the reduced credit hours.
- If you are a Title IV financial aid recipient attending your first quarter at the University and withdraw after the seventh calendar day of the quarter, you must pay a prorated portion of the University charges. Charges are prorated based on the portion of the quarter for which you are enrolled. If you withdraw after the seventh week of the quarter, you must pay full tuition. The pro rata refund provision applies to tuition, fees, room and board and other charges which would otherwise be assessed by the University. The \$100 enrollment confirmation deposit is applied toward payment of tuition.

## Hardship withdrawal

Hardship withdrawals are for dropping individual courses only after the seventh week of the quarter. The \$20 change of registration fee will be assessed. See section on *Complete withdrawal from the University*, this page, for procedure to follow for dropping all courses for the quarter.

A student may petition the Registrar for a hardship withdrawal if: (1) the student is unable to complete the course in question because of a severe mental or physical disability, or (2) unusual or extenuating circumstances beyond the student's control prevented the student from dropping the course by the drop deadline. See the University of Washington *General Catalog* for complete information.

## Withdrawal for military service

Students conscripted into the Armed Forces or called to active military duty may withdraw through the end of the 7th week of instruction and receive a full refund but no academic credit. Students withdrawing after that date receive either a full refund or credit and no refund. Please consult with the Office of the Registrar for complete details.



# Grade Information

## Transcripts

An official UW transcript is established when the first credit course is taken, and all future credit course activity is recorded on this permanent record of academic work at the UW. For a copy of your transcript, write the Transcript Department, 260 Schmitz Hall, PD-10, Seattle, WA 98195. Include \$4 per transcript copy, and note your student identification number or Social Security number, the most recent quarter in attendance and all former names. Transcripts for current quarters courses will be available approximately three weeks after the end of the quarter.

## Numeric

The University of Washington uses a numerical grading system. Instructors may report grades from 4.0-0.7 in 0.1 increments and the grade. 0.0.

For graduate and GNM students, grades reported in the range 1.6-0.0 will be converted to 0.0. A grade of at least 2.7 is required for courses used to meet Graduate School requirements.

Numerical grades may be considered equivalent to letter grades as follows:

|            |            |             |
|------------|------------|-------------|
| A 4.0-3.9  | B- 2.8-2.5 | D+ 1.4-1.2  |
| A- 3.8-3.5 | C+ 2.4-2.2 | D 1.1-0.9   |
| B+ 3.4-3.2 | C 2.1-1.9  | D- 0.8-0.7* |
| B 3.1-2.9  | C- 1.8-1.5 | E 0.0**     |

\*Lowest passing grade for undergraduates

\*\*Failure or unofficial withdrawal. No credit.

An undergraduate student whose grade-point average falls below a 2.0 will be warned about low scholarship. Failure to maintain a 2.0 will result in probation. Refer to the UW *General Catalog* for details.

## Satisfactory/not satisfactory

Students may elect to take certain courses on a satisfactory/not satisfactory (S/NS) basis. Advisers should be consulted, and in no case are undergraduate students allowed to register for more than six credits (or for one course, if that course is offered for more than six credits) on a satisfactory/not satisfactory basis in a given quarter.

Students must register for the course on STAR, and then go in person to Registration in 225 Schmitz Hall to elect the S/NS grade option. STAR will not accommodate the S/NS grade option.

The S/NS grade option can be elected only through the 10th class day (July 27 for *b* Term). A \$20 fee is charged beginning the sixth class day.

For undergraduates, a course in which an "S" is earned may not be used to satisfy any department, college, or University requirement, except that the credits may be applied to the minimum of 180 credits required for graduation. Each instructor will report conventional grades to the Registrar, who will convert satisfactory grades (2.0 or greater) to "S," and unsatisfactory grades (less than 2.0) to "NS" for the student's transcript. No more than 25 S/NS credits will apply to an undergraduate degree.

Graduate students earning grades of 2.7 or above receive a grade of S (satisfactory), while 2.6 or below is recorded as NS (not satisfactory). With the approval of his or her graduate program adviser or supervisory committee chairperson, a graduate student may elect to take any course for which he or she is eligible outside of his or her major academic unit on an S/NS basis.

In cases of withdrawal, a W is recorded. Neither S nor NS is included in the grade-point average. N, I, or X is recorded until the instructor reports the final grade or, in cases of incompletes received by undergraduates, until the I is converted by the Registrar.

## Credit/no credit

Some courses are offered on a credit/no credit (CR/NC) basis. It is not possible to register S/NS to take these courses, because the only grades assigned by the instructor are CR (credit) or NC (no credit). Neither CR nor NC is included in the grade-point average. In cases of withdrawal, a W is recorded. N, I, or X is recorded until the instructor reports the final grade or, in cases of incompletes received by undergraduates, until the I is converted by the Registrar.

## Auditors

Students must register on STAR for courses they wish to audit and then select the audit option in person at the Registration Office, 225 Schmitz Hall. Attendance in courses as an auditor is by consent of the instructor involved and is conditional on the space available. Permission to audit is ordinarily granted for lecture classes only. An auditor may not participate in class discussion or laboratory work, and his or her registration may be canceled at the discretion of the instructor. No entry is made on the permanent record for courses audited. However, a "W" will be recorded on your transcript for courses changed to audit beginning July 5 through Aug. 5 for full-term courses, June 27 through July 8 for *a* term courses, or July 28 through Aug. 10 for *b* term courses. To receive credit for an audited course, the student must register for the class for credit in a subsequent quarter.

Auditors, except ACCESS program students, pay standard tuition and fees and must be regularly admitted and registered in the course. Although credits for audited courses are not listed on transcripts, they are included in the billing on fee statements.

## Incomplete grades

Incomplete grades may only be awarded if the student is doing satisfactory work up until the last two weeks of the quarter. Undergraduate students must not reregister for courses in which they have received an Incomplete. A grade earned in a repeat course will not be recorded as an incomplete conversion grade. See the UW *General Catalog* on incomplete conversion deadlines.

## Grade appeals

See the UW *General Catalog* for appeal procedure.

## Grade Information

Transcripts

Numeric

Satisfactory/not satisfactory

Credit/no credit

Auditors

Incomplete grades

Grade appeals

# University Notices

## University Notices

*Associated Students of the University of Washington (ASUW)*

*Disabled Student Services*

*Disclosure of student records*

*Equal opportunity*

*Following rules and regulations*

*Graduation rates*

*International students*

*Release of student directory information*

The University and its colleges and schools reserve the right to change fees, rules, and the calendar regulating admission and registration; instruction in and graduation from the University and its various divisions; and any other regulations affecting the student. The University also reserves the right to withdraw courses and programs at any time.

## Associated Students of the University of Washington (ASUW)

The Associated Students of the University of Washington is a voluntary association of students designated by the University Regents to carry out a variety of student activities. In order to vote in ASUW elections or hold ASUW office, students must be members. A student's membership choice will not affect tuition payment in any way. Information about the ASUW can be obtained from the ASUW Office in Room 204L of the Student Union Building.

## Disclosure of student records

As a general rule the University will not release a student's education records to a third party without written consent of the student. This includes tuition account information. The complete University policy on student education records and the location of such records may be found in the Washington Administrative Code under WAC 478-140. Manuals containing the code are available at reference stations on campus and at the Visitor's Information Center, 4014 University Way NE. The policy covers such items as accessibility, review and expunging of inaccurate records, and costs to be charged for copies of student records. Information release forms for tuition accounts information only may be obtained from the Student Accounts and Cashiers Office, 129 Schmitz Hall.

## Equal opportunity

The University of Washington reaffirms its policy of equal opportunity regardless of race, color, creed, religion, national origin, sex, sexual orientation, age, marital status, disability, or status as a disabled veteran or Vietnam era veteran. Any discriminatory action can be a cause for disciplinary action. This policy applies to all programs and facilities including, but not limited to, admissions, educational programs, employment, and patient and hospital services. Discrimination is prohibited by Presidential Executive Order 11246, as amended, Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, Age Discrimination in Employment Act Amendments of 1978, Vietnam Era Veteran's Readjustment Assistance Act of 1974, Americans with Disabilities Act of 1990, State of Washington Gender Equity in Higher Education Act of 1989, and other federal and state statutes and regulations, and University policy. Coordination of the compliance efforts of the University of Washington with respect to all of these laws and regulations is under the direction of the Assistant Provost for Human Rights and Affirmative Action, Dr. Helen Remick, University of Washington, Equal Employment and Affirmative Action Office, JA-08, 4045 Brooklyn Ave. NE, Seattle, WA 98195; telephone: 543-1830 (V/TDD).

## Following rules and regulations

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 believes that a special set of circumstances makes appeal reasonable, he or she may appeal the application of specific rules or regulations in an academic matter to the office of the dean of the school or college in which he or she is enrolled, or in a nonacademic matter to the Office of Student Affairs. These offices will either render a decision on the appeal or refer the student to the proper office for a decision.

## Graduation rates

The graduation rates of full-time freshmen beginning their studies at the University either Summer or Autumn Quarter 1986 are 55.5% in five years and 63.25% in six years.

## International students

International students must subscribe to the student insurance plan unless they are covered by another plan. For details, refer to *Student insurance*, page 132.

## Release of student directory information

The Family Educational Rights and Privacy Act (FERPA) of 1974 protects the privacy of your education records. However, the following information is considered public or "directory" information and may be released to anyone unless you inform the Office of the Registrar that you do not wish any information released: name, address, telephone number, major field of studies, dates of attendance, degrees and awards received, full- or part-time enrollment status, educational institutions attended, and for athletes: date-of-birth, weight and height.

If you do not wish to authorize directory release and do not want your directory information to appear in the Student Directory, you may call the address change service at 543-3868 to restrict access to this information. No information will be released on students that have restricted release of directory information including degrees awarded and dates of attendance. If you wish to change your authorization and allow release, you must go to the Registration Office, 225 Schmitz Hall and present photo identification.

Under the provisions of the Family Educational Rights and Privacy Act (FERPA), you have the right to: 1) inspect and review information contained in your education records, 2) challenge the contents of your education records, 3) request a hearing if the outcome of the challenge is unsatisfactory, 4) submit an explanatory statement for inclusion in the education record if the outcome of the hearing is unsatisfactory, 5) prevent disclosure, with certain exceptions, of personally identifiable information, 6) secure a copy of the institution policy, and 7) file complaints with the Department of Education concerning alleged failures by institutions to comply with the Act. Written complaints should be directed to FERPA, Department of Education, Room 4074, Switzer Building, Washington, D.C. 20202.

## Disabled Student Services

Various support services, including priority registration, are available to students with disabilities. Contact the Coordinator for Disabled Student Services (DSS), 482 Schmitz, (206) 543-8924, (206) 543-8925 voice and TDD, for information on equipment services, accessibility, and accommodations to meet individual needs.

Students with disabilities who require special accommodations for science labs, internships, etc., should contact the DSS Coordinator and the academic adviser of that department for appropriate services.

The STAR Work Sheet and instructions are available from DSS in alternate media, including tape recording and large print. Students with disabilities which would limit their ability to use STAR may register through DSS or at the Registration Office, 225 Schmitz Hall.

# UW Student Services and General Information

## Academic advising

For details, please see page 124.

## Address change telephone service - call 543-3868

For details, please see page 124.

## Bookstore

Textbooks and supplies for all courses may be purchased at the University Book Store, 4326 University Way NE. Hours: Monday through Saturday, 9 a.m.-6 p.m.; Thursday, 9 a.m.-9 p.m.; Sunday, noon-5 p.m.; telephone: (206) 634-3400.

The University Book Store also operates two small branches on campus (hours as posted). The HUB (Student Union Building) Branch stocks many classroom and personal supply items. The South Campus Center Branch stocks all books for courses in the health and marine sciences as well as general books and supplies. Required textbooks for courses taught at the branch campuses are available at the bookstores on those campuses: Bothell, (206) 485-4725, or Tacoma, (206) 272-8080. A Bellevue branch of the University Book Store, which does not stock textbooks but carries general books and supplies, is located at 990 102nd Ave. NE, just north of Bellevue Square; telephone: (206) 646-3300.

## Burke Memorial Washington State Museum

The Burke Museum is a natural history and anthropology museum with collections numbering well over four million specimens. Long-term exhibits focus on the natural and cultural heritage of the Pacific Region. Many special exhibits are featured throughout the year. Hours: Monday through Friday, 10 a.m. to 5 p.m., and Saturdays and Sundays, 10 a.m. to 5 p.m. The cafe is open Mondays through Fridays, 7 a.m. to 8 p.m., and Saturdays and Sundays, 9 a.m. to 5 p.m. Location: The museum is located near the 17th Ave. NE and NE 45th St. entrance to the campus. Telephone: (206) 543-5590.

Admission: By donation, requested \$3 for general admission; \$2 for non-UW students and senior citizens; \$1.50 for persons age 6-18. Free for UW students, staff, and children under 5.

## Center for Career Services

For details, please see page 126.

## Childcare program

For students who are parents, a childcare locator directory is designed to help students find licensed childcare facilities. This resource is available in the Office of the Vice President for Student Affairs, the Student Union Building (HUB), and the South Campus Center. For more information, visit the Childcare Coordinating Office, 466 Schmitz; telephone: (206) 543-1041.

## Computing services

UW Computing & Communications supports computing for instruction and research for the entire campus. Students, faculty, and staff can use computers for coursework and independent research projects, or write their own programs or use existing programs for statistical analysis, managing data, graphics, and many other applications. IBM-compatible or Macintosh personal computers are also available for use.

UW Computing & Communications also offers noncredit classes in general computer knowledge, programming, selecting microcomputers, using available resources, and other topics. A list of courses can be obtained by calling (206) 685-2763.

UW Computing & Communications maintains a central facility at 3737 Brooklyn Ave. NE. Computer sites also have been installed in some residence halls. For a complete list of remote sites, or information about services or class schedules and fees, or a copy of *The Guide to Computing*, call (206) 543-5970.

## Financial aid

Students who need financial assistance during Summer Quarter should inquire at the Office of Student Financial Aid, 105 Schmitz, telephone (206) 543-6101, concerning Pell Grant eligibility for summer and the Guaranteed Student Loan (through a private lender, bank, or credit union). In order to be eligible for any type of need-based aid, a student must be a regularly admitted, matriculated student. Students who wish to apply for a Summer Quarter Guaranteed Student Loan should begin the application process with the Office of Student Financial Aid in early spring. Student loans can take between three and four months to arrange.

## Friday Harbor Laboratories

Friday Harbor Laboratories in the San Juan Islands provide year-round facilities for research in various areas of marine science.

The schedule for Summer Quarter extends over a 10-week period, June 13-Aug. 20, and is divided into two terms of five weeks each. Each five-week course consists of laboratory studies and field work and is an intense full-time endeavor running five days a week and half-days on Saturday. Courses may be taken sequentially, but not concurrently. Although courses are structured with the graduate student in mind, a very qualified undergraduate may be admitted to a course with the consent of the director and the instructors. Preference is given to students who qualify for both sessions.

The schedule for this summer includes coursework in marine botany, molecular methods in algal research, invertebrate zoology, comparative invertebrate embryology, fisheries, oceanography, and a workshop in bioacoustics. Graduate research may be available through academic departments during both terms.

Students may be admitted to the Friday Harbor Laboratories course program only if they meet regular entrance requirements of the University of Washington. Non-UW students apply for admission to the Univer-

## Student Services and General Information

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Friday Harbor Laboratories

## Student Services and General Information (con't)

Friday Harbor Laboratories (con't)

Henry Art Gallery

Housing

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sity of Washington after they have been accepted to Friday Harbor Laboratories.

Application for summer admission to the Friday Harbor Laboratories must have been made to the director before March 1. Requests for additional information and all correspondence concerning application, courses, research facilities, and room and board costs should be addressed to the Director, Friday Harbor Laboratories, 620 University Road, Friday Harbor, WA 98250. A bulletin is available on request.

### Henry Art Gallery

The Henry Art Gallery, donated by Seattleite Horace C. Henry in 1926, is the University of Washington's art museum showing nationally-acclaimed exhibitions of the art of our times.

**Hours:** Tuesday through Sunday, 11 a.m. to 5 p.m.; and Thursday, 11 a.m. to 9 p.m. It is closed Mondays.

**Location:** The gallery is located near the 15th Ave. NE and NE 41st St. entrance to campus; telephone: (206) 543-2280.

**Admission:** Free for UW students, faculty, and staff, children ages 12 and under, and Henry Gallery Association Members; \$2 for non-UW students and senior citizens; \$3.50 for general admission. Admission to the gallery is free to all on Thursdays.

### Housing

#### Residence halls

Convenient accommodations are available during Summer Quarter in the residence halls. A limited number of parking spaces are available for an additional fee.

**Half- and full-quarter accommodations:** For single students staying at least one half-term, accommodations are usually provided in double occupancy rooms. Some single rooms are available at a higher rate. Each room is furnished with twin beds. Bathrooms are shared. Students provide their own linens.

For accommodations in a double room, with a dining plan, the cost is approximately \$1,000 for the full quarter.

To obtain an application for housing for Summer Quarter, contact the Housing and Food Student Services Office, 301 Schmitz Hall, PC-50, University of Washington, Seattle, WA 98195; telephone: (206) 543-4059. If you plan to continue your UW studies Autumn Quarter and would like residence hall accommodations for the academic year, request a separate application for this purpose.

**Workshop and short course accommodations:** If you will be attending a Summer Quarter or Extension program that does not follow the *a* or *b* Term or full-quarter schedule, you can obtain on-campus housing on a space-available basis through the Conference Housing and Special Services Office, McCarty Hall, GR-10, University of Washington, Seattle, WA 98195; telephone: (206) 543-7636. Rooms are available June 19-Sept. 10.

Accommodations are double or single rooms furnished with twin beds. Linen is provided. Bathrooms are shared. Rates vary, but an overnight stay in a single room and breakfast will cost approximately \$36. Special rates apply for those sharing rooms and for those staying longer than two weeks.

### Applications for campus housing

To obtain an application for housing for Summer Quarter, contact the Housing and Food Student Services Office, 301 Schmitz Hall, PC-50, University of Washington, Seattle, WA 98195; telephone: (206) 543-4059.

For more information about the on-campus accommodations available for short programs, contact the Conference Housing Office at least 30 days prior to the workshop or class you will be attending.

### Privately owned accommodations

Listings of off-campus rental properties, such as rooming and boarding houses, housekeeping rooms, apartments, and houses, are maintained at the Student Union Building (HUB), Room 105; telephone: 543-8997. The University does not inspect these accommodations, and, therefore, students and parents must accept full responsibility for making a selection. Because these listings change frequently, they cannot be mailed out and must be consulted in person.

### Independent study

Many UW courses are available by independent study. You can study wherever you are, on your own schedule. You have as much as a year to complete a course. Independent Study courses are listed on pages 144-147. For an Independent Study catalog, call (206) 543-2320.

### Language Learning Center

The Language Learning Center (LLC) provides technological and pedagogical resources for faculty and students to teach, learn, and research languages and cultures. LLC develops and acquires software, audio, and video materials for coursework, reading and aural/oral testing, and assignments. LLC has audio and video, satellite, and cable-TV facilities and services; multi-standard video and videodisc equipment are available upon reservation. A laminator protects large poster-sized visuals used in classrooms. The recording studio allows native speakers to make voice recordings. Audio cassette materials for sale to large language classes augment the audio cassette duplication service. Computer-assisted language materials integrating interactive digitized audio and digitized video are developed for student use in the center and other campus computer labs. The Language and Cultural Corner is a general purpose facility used for informal language practice, moderated conversation groups, and special events, such cultural activities, feature and documentary video and film viewings, and technology and pedagogy seminars. Staff associates serve as liaisons between the LLC and the language departments, and are available to assist instructors with special projects, or provide appropriate resource referrals.

The LLC is located in the daylight basement of Denny Hall. 113 Denny provides access to the computer lab, the free-study audio lab, satellite/cable/video viewing, and access to the two electronic classrooms. It is open during regular academic sessions, Mondays through Thursdays, 8 a.m.-10 p.m.; Fridays, 8 a.m.-5 p.m.; Saturdays, 10 a.m.-5 p.m.; Sundays, 5-10 p.m.; closed on holidays. Call 685-9403 for general information, or 543-0536 for personal assistance.

### Libraries

The University of Washington Libraries are composed of the Suzzallo Library and the Allen Library, with collections primarily in the social sciences and humanities; the Odegaard Undergraduate Library; the Health Sciences Library and Information Center; the East Asia Library; and 17 specialized branch libraries.

All students, staff, faculty and other researchers with valid University identification cards may borrow from these libraries. Student cards must have the correct validation sticker for the current quarter. Information on the card, loan periods and other circulation policies are available at all circulation desks.

Reference service is available in all library units for users needing information about library facilities, services and guidance with research problems. Formal instruction sessions in the use of library resources and group orientation tours of individual libraries are scheduled throughout the year.

The Summer Quarter hours for the libraries are available at all circulation desks; telephone: (206) 543-0140.

### **Medical care**

The University provides outpatient health and medical care for students through the Hall Health Center. All undergraduate and graduate students, registered for full- or part-time courses and paying student fees, are eligible for health service upon presentation of a current University student identification card. Students must pay for pharmacy prescriptions, mental health services, physical examinations, and some other services as well as for outside laboratory work. Services provided through the Hall Health Center should not be confused with the student health insurance, available through the University and purchased at the time of registration (see page 132). A student may use Hall Health Center services without having student insurance. For details, consult the Hall Health Center brochure; telephone: (206) 685-1011.

The University Hospital Emergency Room handles emergencies when the Health Center is not open. University police assistance may be obtained for first aid at the scene of an accident or for emergency ambulance transportation from any University building or on-campus location by dialing the emergency call number, 9-911. University Hospital services are not covered by regular student fees. If you have accident and sickness insurance, you most likely will have to pay for a portion of the charges for University Hospital emergency room care.

### **Minority affairs**

The Educational Opportunity Program, administered by the Office of Minority Affairs, provides a variety of services to students from minority and economically disadvantaged backgrounds. These services include recruitment, admissions, academic advising, tutoring, personal and career counseling, housing and financial aid advising, and other assistance. For more information, call (206) 543-6598.

Educational Opportunity Program counselors are available on the third floor of Schmitz Hall, Monday through Friday, from 8 a.m. to 5 p.m. Those who would like to discuss the possibility of enrolling in the University, whether for Summer Quarter or some other quarter, are welcome; no appointments are necessary.

The Office of Minority Affairs also operates the Instructional Center, which provides instructional support for courses offered at the University and special programs in reading, composition, mathematics, sciences, and basic study skills. The center, located at 1307 NE 40th, is open Monday through Thursday, 8:30 a.m.-8 p.m.; Friday 8:30 a.m.-5 p.m.; telephone: (206) 543-4240.

The Ethnic Cultural Center and Theatre offer a variety of educational, cultural, and performing arts programs for student and community participation.

### **Parking for students**

The University encourages alternate forms of transportation. Carpools of two or more in which all members have a U-PASS can park free in Montlake lot E-1 by entering at the south gate before 9:30 a.m. Spaces are available in the Central Plaza Garage, Padelford Garage, and lot N-5 for U-PASS carpools of three or more. The parking fee for non-U-PASS carpools in lot E-1 is payable at the exit using quarters or with a parking card. This card is available at the IMA, near the telephones; and at the HUB, room G-9 (TV lounge).

If driving alone is your only option, student parking is available on a daily-pay basis in Montlake lots E-1, E-4, and E-5.

Summer Quarter permits may be purchased the first day of the quarter at the Parking Division, 3901 University Way NE. Student ID validated for the summer quarter is required. A complimentary U-PASS comes with each permit. Limited permit parking adjacent to the residence halls is available for students living in the halls and may be purchased for the miniterm or the quarter. Parking in covered garages is available at a higher rate. All parking rates are subject to change. For a brochure, call (206) 685-1543.

Students with disabilities with a confirming letter of disability from Hall Health Center may apply to the Parking Division for assignment to parking in areas convenient to class locations. A free campus shuttle bus for disabled students is also available. Call (206) 685-1511 for information.

### **Recreational sports programs**

The Department of Recreational Sports Programs manages several recreation facilities on campus, including the Intramural Activities Building (IMA), (206) 543-4590; the Golf Driving Range, (206) 543-8759; and the Waterfront Activities Center (WAC), (206) 543-9433. For information about operational hours and activities offered, call the telephone numbers indicated above.

Intramurals provide an opportunity for students and faculty/staff to participate in special events, leagues, and tournaments such as soccer, softball, tennis, and volleyball. For further information, call the IMA Sports Line, (206) 543-8558, daily between noon and 8:30 p.m.

Instruction in a variety of sports is available at the Intramural Activities Building (IMA) on a noncredit basis. Class time schedules will be available at the IMA after May 17, 1994. Contact the Sports Skills Office at (206) 543-2571 for more information.

Club sports are student organizations that provide a program of instruction, recreation, and competition. For further information, stop by the IMA Sports Club Office or call (206) 543-9499.

**Note to UW matriculated students:** Spring Quarter students *not* attending Summer Quarter may purchase a Summer IMA Facility Use Card for \$17.25, beginning Tuesday, June 1, 1994. The card is valid from the date of purchase through the beginning of Autumn Quarter. The card may be purchased in the IMA Administration Office, Monday through Friday, 8 a.m.-4:30 p.m. or in

## ***Student Services and General Information (con't)***

*Libraries (con't)*

*Medical care*

*Minority affairs*

*Parking for students*

*Recreational sports programs*

## **Student Services and General Information (con't)**

Recreational sports programs (con't)

Student affairs

Student associations

Student Counseling Center

Student Employment Office

Student insurance

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U-PASS

UW Extension

UW ID card

Veterans information

the Intramural Sports Office, 4:30-8:30 p.m., Monday through Friday, and all operational hours on Saturday and Sunday. Spring Quarter students who do not wish to purchase quarterly privileges may purchase a Single Use Ticket (on each occasion of use) for \$2 beginning Saturday, June 25, 1994. Remember, you must retain your Spring Quarter Student ID Card to purchase summer facility use privileges.

### **Student affairs**

The Vice President for Student Affairs is responsible for a range of services designed to address the extracurricular needs and interests of University students and to foster their general welfare. The services offered are admissions and registration, financial aid, counseling, housing and food, as well as placement, supervision of student activities and recreational programs, among others. In addition, the vice president advises the president and other University officers on student issues and concerns.

Students are encouraged to contact the Vice President's Office, 476 Schmitz; telephone: (206) 543-4972, for additional information on the services mentioned above or other aspects of campus life.

### **Student associations**

#### **Washington Student Lobby (WSL)**

*For details, please see page 133.*

#### **Washington Public Interest Research Group (WashPIRG)**

*For details, please see page 133.*

#### **Associated Students of the University of Washington (ASUW)**

*For details, please see page 136.*

### **Student Counseling Center**

All currently enrolled students at the University may use the services of the Student Counseling Center and its staff of psychologists and career counselors. Typical issues discussed include: relationships, family of origin, adjustment to the University, career choice, choice of major and academic skills. Choice of classes/class schedule are handled by Undergraduate Advising.

A free intake appointment is available to determine if the Counseling Center's services are needed. Individual appointments after the intake cost \$16 per session; group appointments cost \$8 per session. If a student is financially unable to pay the fee, alternative arrangements are made. The center is located at 401 Schmitz Hall; telephone: (206) 543-1240.

### **Student Employment Office**

The Student Employment Office, a division of the Office of Student Financial Aid, 172 Schmitz, has job listings for part-time, temporary, and summer jobs, most of which are off campus. Currently registered students and those who graduated in the past quarter are welcome to use this service.

### **Student insurance**

*For details, please see page 132.*

### **Student Union Building**

The Student Union Building (HUB) facilities include the Husky Den, which provides food service from 7 a.m. to 4 p.m.; the games area, in the basement; a campus-wide

lost and found; an information center; meeting rooms; study lounge; music listening lounge; ticket office; and an art gallery exhibiting student work. Other services include a self-service postal vending station; a micro-computer lab; a branch of U.S. Bank offering limited services; two cash machines; a bike repair shop; a carpool listing; an off-campus housing center; and a branch of the University Book Store; telephone: (206) 543-8131.

The South Campus Center is a branch of Student Activities and Union Facilities, and offers many of the same services as the HUB. It is located on Portage Bay; telephone: (206) 543-0530.

### **Transit services**

Over 50 bus routes serve the University District; many of these come right to campus. The U-PASS is valid on all regular Metro routes and most Community Transit routes at all times. Pierce Transit is not part of the U-PASS program. Timetables are available at nine Commuter Centers around campus, including the HUB, Parking Division, and Health Sciences T-466A. Information can be obtained by calling Metro, (206) 553-3000; Community Transit (Snohomish County), (206) 778-2185; or the UW Transportation Office, (206) 543-0450.

### **U-PASS**

*For details, please see page 126.*

### **UW Extension**

Credit, professional development, and personal enrichment certificate programs and courses on- and off-campus are offered through UW Extension. For a free copy of the quarterly catalog, write or call UW Extension, 5001 25th Ave. NE, GH-24, Seattle, WA 98195; telephone: (206) 543-2320, 1-800-543-2320, TDD (206) 543-0898.

### **UW ID card**

*For details, please see page 126.*

### **Veterans information**

Veterans and military personnel who entered military service on or after Jan. 1, 1977, may be entitled to educational benefits from the Department of Veterans Affairs. Those individuals with active duty prior to the above date may have eligibility under certain exceptional circumstances. Veterans receiving compensation for a service-connected disability may be eligible for educational benefits under the Vocational Rehabilitation Program. Children and spouses of certain deceased or disabled veterans are also entitled to assistance. Students who enlisted in the selected reserve for a period of six years or more on or after July 1, 1985, are entitled to a modified benefit program.

Individuals who are eligible or have questions concerning eligibility should contact the Office of Special Services in 460 Schmitz Hall for information; telephone: (206) 543-6122.

### **Tuition and fee exemptions and reduction for veterans**

Veterans who served in Southeast Asia may be eligible for reduced tuition. Children of a parent who was a Washington resident who was declared to be in POW or MIA status after Feb. 19, 1961, are eligible for tuition and fee waivers under certain conditions. Check with the Office of Special Services for details.

# Department, Major and College Codes

The following department, major, and college codes may appear on your registration confirmation.

## Nonmatriculated

College Code: A

001 Nonmatriculated

## Architecture and Urban Planning

College Code: B

CAUP ..... 050 Pre-Professional  
 ARCH ..... 051 Architecture  
 B CON ..... 052 Building Construction  
 L ARC ..... 053 Landscape Architecture  
 URBDP ..... 054 Urban Design and Planning  
 URB P\* ..... 056 Urban Planning  
 058 Visiting Student CAUP

## Arts and Sciences

College Code: C

AES ..... 100 American Ethnic Studies  
 AAS ..... 109 Asian American Studies  
 AFRAM ..... 114 Afro-American Studies  
 CHSTU ..... 113 Chicano Studies  
 AIS ..... 101 American Indian Studies  
 ANTH ..... 102 Anthropology  
 ARCHY ..... 103 Archaeology  
 PHY A ..... 104 Physical Anthropology  
 ART ..... 105 Art  
 ART H ..... 106 Art History  
 ASTR ..... 107 Astronomy  
 ATM S ..... 108 Atmospheric Sciences  
 AAS ..... 109 Asian American Studies  
 SISAF ..... 110 African Studies  
 EEP ..... 111 Child Dev Res Group  
 (Early Entrance)  
 BIOL ..... 112 Biology  
 CHSTU ..... 113 Chicano Studies  
 AFRAM ..... 114 Afro-American Studies  
 BOT ..... 115 Botany  
 116 Classical Studies  
 CHEM ..... 117 Chemistry  
 CLAS ..... 118 Classics/Classical  
 Languages  
 GRK ..... 119 Greek  
 LAT ..... 120 Latin  
 CL AR ..... 121 Classical Archaeology  
 CL LI ..... 122 Classical Linguistics  
 NE ..... 123 Near Eastern Languages  
 and Civilization  
 ARAB ..... 124 Arabic  
 COPTC ..... 179 Coptic  
 HEBR ..... 125 Hebrew  
 PRSAN ..... 127 Persian  
 TKISH ..... 128 Turkish  
 CMU ..... 131 Communications  
 C LIT ..... 132 Comparative Literature  
 DANCE ..... 133 Dance  
 DRAMA ..... 134 Drama  
 ECON ..... 135 Economics  
 ENGL ..... 136 English  
 ENV S ..... 137 Institute for Environmental  
 Studies  
 SIS ..... 138 International Studies  
 SISAF ..... 110 African Studies

SISLA ..... 153 Latin American Studies  
 SISCA ..... 154 Canadian Studies  
 Program  
 SISEA ..... 139 East Asian Studies  
 SISJE ..... 204 Jewish Studies  
 SISME ..... 140 Middle Eastern Studies  
 SISRE ..... 141 Russian and East European  
 Studies  
 SISSA ..... 142 South Asian Studies  
 SISSE ..... 205 Southeast Asian Studies  
 RELIG ..... 143 Comparative Religion  
 ASIAN ..... 144 Asian Languages and  
 Literature  
 CHIN ..... 145 Chinese  
 ALTAI ..... 146 Altaic  
 HINDI ..... 147 Hindi  
 INDON ..... 148 Indonesian  
 INDN ..... 149 Indian  
 VIET ..... 150 Vietnamese  
 JAPAN ..... 151 Japanese  
 KOR ..... 152 Korean  
 SNKRT ..... 155 Sanskrit  
 TAMIL ..... 157 Tamil  
 THAI ..... 159 Thai  
 TIB ..... 160 Tibetan  
 TKIC ..... 161 Turkic  
 SISLA ..... 153 Latin American Studies  
 SISCA ..... 154 Canadian Studies Program  
 SNKRT ..... 155 Sanskrit  
 TAGLG ..... 156 Tagalog  
 TAMIL ..... 157 Tamil  
 THAI ..... 159 Thai  
 TIB ..... 160 Tibetan  
 TKIC ..... 161 Turkic  
 SEALG ..... 162 South East Asian  
 Languages  
 SLAVC ..... 163 Slavic Languages and  
 Literature  
 BULGR ..... 165 Bulgarian  
 CZECH ..... 167 Czech  
 HUNGR ..... 168 Hungarian  
 POLSH ..... 169 Polish  
 ROMN ..... 170 Romanian  
 RUSS ..... 171 Russian  
 SER C ..... 172 Serbo-Croatian  
 SLAV ..... 174 Slavic  
 UKR\* ..... 175 Ukrainian  
 COPTC ..... 179 Coptic  
 LATAM ..... 181 Latin American Studies  
 Program  
 GIS ..... 183 General and Interdiscipli-  
 nary Studies  
 COLST ..... 184 College Studies  
 G ST ..... 185 General Studies  
 GENET ..... 186 Genetics  
 GPYS ..... 187 Geophysics  
 GEOG ..... 188 Geography  
 GEOL ..... 191 Geological Sciences  
 GERM ..... 192 Germanics  
 HST ..... 193 History  
 HSTAA ..... 194 History of the Americas  
 HSTAM ..... 195 Ancient and Medieval  
 History  
 HSTAS ..... 196 History of Asia  
 HSTEU ..... 197 Modern European History  
 H A&S ..... 201 Honors: Arts and Sciences

CHID ..... 202 Comparative History of  
 Ideas  
 LING ..... 203 Linguistics  
 SISJE ..... 204 Jewish Studies  
 SISSE ..... 205 Southeast Asian Studies  
 MATH ..... 206 Mathematics  
 AMATH ..... 208 Applied Mathematics  
 C SCI ..... 210 Computer Science  
 BIO C ..... 211 Biochemistry  
 MICRO ..... 216 Microbiology  
 MUSIC ..... 217 Music  
 MUSAP ..... 218 Music Applied  
 MUSEN ..... 220 Music Ensemble  
 MUSED ..... 222 Music Education  
 MUHST ..... 224 Music History  
 PHIL ..... 221 Philosophy  
 KIN ..... 230 Kinesiology  
 PHYS ..... 239 Physics  
 PR NR ..... 243 Pre-Nursing  
 POL S ..... 244 Political Science  
 PREBA ..... 245 Pre B.A.  
 PTS&C\* ..... 246 Pre-Textile Science and  
 Costume Study  
 P ARC ..... 247 Pre-A&URBDP  
 P HSC ..... 248 Pre-Health Sciences  
 P EDU ..... 249 Pre-Education  
 P PHR ..... 250 Pre-Pharmacy  
 P SW ..... 251 Pre-Social Work  
 PARTS ..... 252 Pre-Arts  
 P HUM\* ..... 253 Humanities  
 P SCI ..... 254 Pre-Sciences  
 PSOC S ..... 255 Pre-Social Science  
 P A&S ..... 256 Pre-Major  
 PRE E ..... 257 Pre-Engineering  
 V A&S ..... 258 Visiting Student A&S  
 EPRMJ ..... 259 Extended Pre-Major (A&S)  
 EXPBA ..... 260 Extended Pre-B.A.  
 EPENG ..... 261 Extended Pre-Engineering  
 PSYCH ..... 262 Psychology  
 ROMAN ..... 264 Romance Languages and  
 Literature  
 ROM ..... 265 Romance Linguistics  
 CATA\* ..... 266 Catalan  
 FREN ..... 268 French  
 ITAL ..... 270 Italian  
 PORT ..... 272 Portuguese  
 PROV ..... 274 Provencal  
 RMN ..... 275 Romanian  
 SPAN ..... 276 Spanish  
 SCAND ..... 281 Scandinavian Languages  
 and Literature  
 SCAND ..... 283 Scandinavian  
 284 Scandinavian Area Studies  
 DAN ..... 285 Danish  
 FINN\* ..... 286 Finnish  
 LITH ..... 287 Lithuanian  
 ICEL\* ..... 288 Icelandic  
 NORW ..... 289 Norwegian  
 SWED ..... 291 Swedish  
 SO JU ..... 292 Society and Justice  
 SOC ..... 293 Sociology  
 STAT ..... 294 Statistics  
 SPCH ..... 295 Speech Communication  
 SPHSC ..... 296 Speech and Hearing  
 Sciences  
 ZOOL ..... 297 Zoology  
 WOMEN ..... 298 Women Studies  
 299 Undeclared Fifth Year

\*A prefix/code that is no longer used.

Department, Major and College Codes continued

### Business Administration

School Code: E

|        |     |  |
|--------|-----|--|
| B A    | 300 | Business Administration                                |
| ACCTG  | 301 | Accounting   |
| ADMIN  | 304 | Administration   |
| B CMU  | 306 | Business Communications                                |
| B ECN  | 307 | Business Economics                                     |
| BG&S*  | 308 | Business, Government, and Society                      |
| B POL  | 309 | Business Policy  |
| EMBA   | 310 | Executive Masters Business Administration Group        |
| FIN    | 316 | Finance  |
| HRMOB  | 317 | Human Resources Management and Organizational Behavior |
| I S    | 319 | Information Systems                                    |
| I BUS  | 324 | International Business                                 |
| IBUSC  | 325 | International Business (Certificate)                   |
| MKTG   | 326 | Marketing  |
| OPMGT  | 327 | Operations Management                                  |
| HRMGT* | 330 | Human Resource Management                              |
| O E    | 331 | Organization and Environment                           |
| Q METH | 332 | Quantitative Methods                                   |
|        | 342 | Visiting, Student B.A.                                 |
| BA RM  | 347 | Business Administration Research Methods               |
|        | 349 | Grad-B.A.  |

### Education

College Code: H

|       |     |  |
|-------|-----|--|
| EDUC  | 351 | Independent Study, Research, and Field Experiences |
| EED   | 352 | Education (Fifth-Year) Continuing                  |
| EDU   | 361 | Educ Fifth-Year Initial Certificate                |
| EDC&I | 394 | Educational Curriculum and Instruction             |
| EDPSY | 397 | Educational Psychology                             |
| EDSPE | 398 | Special Education                                  |
| EDPGA | 475 | Policy, Governance, and Administration             |
| EDLPS | 476 | Educational Leadership and Policy Studies          |

### Engineering

College Code: J

|      |     |   |
|------|-----|---|
| A A  | 400 | Aeronautics and Astronautics                          |
|      | 401 | Computer Science: Intercollege                        |
| CH E | 402 | Chemical Engineering                                  |
|      | 403 | Civil Engineering                                     |
| CIVE | 404 | Civil Engineering Core Courses                        |
| CSE  | 406 | Computer Science and Engineering                      |
| CESM | 407 | Structural and Geotechnical Engineering and Mechanics |

|        |     |   |
|--------|-----|---|
| CETS   | 408 | Transportation, Surveying, and Construction Engineering |
| CEWA   | 409 | Environmental Engineering and Science                   |
| E E    | 410 | Electrical Engineering                                  |
| CMP E  | 411 | Computer Engineering                                    |
| ENGR   | 412 | Engineering   |
|        | 413 | Interdisciplinary Engineering                           |
| MEIE   | 417 | Mechanical Engineering/Industrial Engineering           |
| IND E  | 418 | Industrial Engineering                                  |
| M E    | 419 | Mechanical Engineering                                  |
| CER E  | 420 | Ceramic Engineering                                     |
| MSE    | 421 | Materials Science and Engineering                       |
| MET E  | 422 | Metallurgical Engineering                               |
| M SE   | 423 | Materials Science and Engineering                       |
| MIN E* | 426 | Mining Engineering                                      |
| NUC E  | 428 | Nuclear Engineering                                     |
| O ENG  | 429 | Ocean Engineering                                       |
|        | 430 | Inter-Engineering Group                                 |
| TC     | 438 | Technical Communication                                 |
|        | 439 | Visiting Student Engineering                            |

### Reserve Officer Training Programs

|       |     |                   |
|-------|-----|-------------------|
| A S   | 442 | Aerospace Studies |
| M SCI | 444 | Military Science  |
| N SCI | 446 | Naval Science     |

### Ocean and Fishery Sciences

College Code: K

|       |     |   |
|-------|-----|---|
|       | 451 | Pre Major-Fisheries   |
| FISH  | 452 | Fisheries   |
| FD SC | 453 | Food Science  |
|       | 455 | Visiting Student Ocean/Fish                                 |
| OCEAN | 456 | Oceanography  |
| IMS   | 457 | Institute for Marine Studies (see School of Marine Affairs) |
| SMA   | 458 | School of Marine Affairs                                    |

### Evening Degree Program

College Code: D

|        |     |                                   |
|--------|-----|-----------------------------------|
| ENGL E | 480 | English, Evening Degree           |
| CMU E  | 481 | Communications, Evening Degree    |
| HST E  | 482 | History, Evening Degree           |
| HUM E  | 484 | Humanities, Evening Degree        |
| ANTH E | 485 | Anthropology, Evening Degree      |
| PMJ E  | 487 | Pre Major, Evening Degree         |
| POLSE  | 488 | Political Science, Evening Degree |
| PSY E  | 491 | Psychology, Evening Degree        |
| SOC E  | 492 | Sociology, Evening Degree         |
| SOCSE  | 494 | Social Science, Evening Degree    |

### Forest Resources

College Code: L

|       |     |                                    |
|-------|-----|------------------------------------|
| FOR R | 501 | Conservation of Wildland Resources |
|       | 502 | Forest Resources and Pre-Major     |
|       | 503 | Wildlife Sciences                  |
|       | 504 | Forest Science                     |
|       | 505 | Outdoor Recreation                 |
|       | 506 | Logging Engineering                |
|       | 507 | Forest Management                  |
|       | 508 | Pulp and Paper Science             |
|       | 509 | Wood and Fiber Science             |
|       | 510 | Forest Resources (Grad Major)      |
| UHF   | 511 | Urban Horticulture                 |
|       | 512 | Urban Forestry                     |
| FRM   | 517 | Forest Resources Management        |
| FPE   | 519 | Forest Products Engineering        |
|       | 520 | Visiting Student For               |
| CSE   | 521 | Ecosystem Science and Conservation |
| PSE   | 522 | Paper Science and Engineering      |
| CFR   | 523 | College of Forest Resources        |

### Nursing

School Code: N

|      |     |                               |
|------|-----|-------------------------------|
| NURS | 552 | Prof Nursing and Graduate     |
|      | 553 | Nursing-RN/BS                 |
|      | 554 | Extended Pre Nursing          |
|      | 555 | Pre-Nursing                   |
|      | 556 | Nurse Affiliates              |
| CHCS | 561 | Community Health Care Systems |
| PCN  | 562 | Parent and Child Nursing      |
| PN   | 563 | Physiological Nursing         |
| PSN  | 564 | Psychosocial Nursing          |
|      | 567 | Visiting Student Nursing      |

### Pharmacy

School Code: P

|       |     |                           |
|-------|-----|---------------------------|
| PHARM | 610 | Pharmacy                  |
|       | 611 | Visiting Student Pharmacy |
| MEDCH | 612 | Medicinal Chemistry       |
| PCEUT | 614 | Pharmaceutics             |
|       | 615 | Pharmacy Practice         |
| PHRD  | 616 | Pharm D                   |

### Interdisciplinary Graduate Programs

College Code: R

|       |     |   |
|-------|-----|---|
| BTG   | 652 | Biology Teaching Group                              |
| C PHY | 661 | Comparative Physiology                              |
| G MN  | 666 | Graduate Unassigned                                 |
| VIS G | 668 | Graduate Visiting                                   |
| P PSY |     | Physiology-Psychology (See Behavioral Neuroscience) |
| B NEU | 673 | Behavioral Neuroscience                             |
| QERM  | 674 | Quantitative Ecology and Resource Management        |
| QUAT  | 675 | Quaternary Sciences                                 |
|       | 687 | Health Administration Group                         |
| NUTR  | 689 | Nutritional Sciences                                |



IPHD ..... 690 Individual Ph.D. Program  
 UD&PL ..... 692 Urban Design and Planning  
 NMEST ..... 694 Near and Middle Eastern  
 Studies  
 NU EN ..... 695 Nuclear Engineering

*School Code: S*

LIBR ..... 671 Library and Information  
 Science

**Public Health and Community  
 Medicine**

*School Code: M*

BIOST ..... 700 Biostatistics  
 ENVH ..... 702 Environmental Health  
 EPI ..... 704 Epidemiology  
 MEDXD ..... 705 MEDEX (Degree Program)  
 HSERV ..... 706 Health Services  
 MEDXC ..... 707 MEDEX (Certific Program)  
 PABIO ..... 708 Pathobiology  
 HIA ..... 709 Health Information  
 Administration  
 PC ..... 715 Public Health and  
 Community Medicine  
 717 Visiting Student Public  
 Health

**Interschool or Intercollege  
 Programs**

*School Code: O*

FR EC ..... 741 Forest Resources/  
 Economics  
 BIOEN ..... 745 Bioengineering (Engineering  
 and Medicine)  
  
 AMMAP ..... 748 Advanced Materials and  
 Manufacturing Processes  
 Q SCI ..... 750 Quantitative Science  
 (Fisheries and Forest  
 Resources)  
 N HS ..... 752 P&CN/Health Services  
 NR HS ..... 754 Nursing/Health Services  
 DNT O ..... 756 Dentistry/Oral Biology  
 FSTDY ..... 755 Foreign Study  
 UCONJ ..... 757 University Conjoint  
 RICH ..... 759 Richland (CRS 399)  
 IN EP ..... 761 International Stdys/InEPI  
 IN HS ..... 762 International Stdys/Health S  
 IN BA ..... 763 International Stdys/BA  
 IN FR ..... 764 International Stdys/For R  
 IN MS ..... 765 International Stdys/Marine  
 Stdys  
 IN PA ..... 766 International Stdys/Public  
 Affairs  
 IN LAW ..... 767 International Stdys/Law  
 SW/PH ..... 768 Social Work/P Hlth  
 HS/BA ..... 769 HS/Bus Admin  
 CNSR ..... 780 Consortium (CRS 200)  
 UWCR ..... 781 UW Elective Credit—  
 Military Service

**Public Affairs**

*School Code: Q*

PB AF ..... 770 Public Affairs

**Social Work**

*School Code: T*

SOC W ..... 782 Social Work  
 SOCWL ..... 785 Social Welfare  
 787 Visiting Student Social  
 Work

**Dentistry**

*School Code: U*

D HYG ..... 800 Dental Hygiene  
 DENT ..... 805 Dentistry  
 DPHS ..... 806 Dental Public Health  
 Sciences  
 ENDO ..... 808 Endodontics  
 ODTP ..... 812 Oral Diagnosis and  
 Treatment Planning  
 ORALB ..... 816 Oral Biology  
 ORALM ..... 817 Oral Medicine  
 O S ..... 818 Oral Surgery  
 ORTHO ..... 821 Orthodontics  
 PEDO ..... 824 Pedodontics  
 PERIO ..... 826 Periodontics  
 PROS ..... 832 Prosthodontics  
 RES D ..... 835 Restorative Dentistry  
 840 Dentistry, Concurrent  
 Degree Program  
 841 Dentistry, Concurrent  
 Cert/Ph.D.  
 845 Visiting Student Dent

**North Branch Campus  
 (Bothell-Woodinville Area)**

*School Code: V*

BLSUS ..... 861 Bothell Liberal Studies:  
 United States  
 BLSIN ..... 862 Bothell Liberal Studies:  
 International  
 BLS ..... 863 Bothell Liberal Studies  
 P PROF ..... 866 Pre-Professional  
 B NURS ..... 870 Nursing  
 B EDUC ..... 875 Education  
 B BUS ..... 881 Business (Bothell)  
 B UND ..... 892 Undergraduate Fifth-year  
 B VIS ..... 897 Visiting (Bothell)  
 N M ..... 899 Nonmatriculated

**Law**

*School Code: X*

LAW ..... 852 Law  
 LAW A ..... 853 Law  
 LAW B ..... 854 Law  
 855 Visiting Student Law  
 (Fifth Year)  
 860 Law, Concurrent Degree  
 Program

**Medicine**

*School Code: Y*

C MED ..... 904 Comparative Medicine  
 ANMED ..... 905 Animal Medicine  
 ANEST ..... 906 Anesthesiology  
 HUBIO ..... 907 Human Biology  
 BIOC ..... 908 Biochemistry  
 B STR ..... 909 Biological Structure  
 CONJ ..... 911 Conjoint  
 912 C-5 Program  
 MED T ..... 914 Medical Technology  
 MED ..... 915 Medicine  
 MICRO ..... 916 Microbiology  
 NR ..... 917 Neurological Surgery  
 MEDED ..... 918 Medical Education  
 OB GY ..... 919 Obstetrics and Gynecology  
 O T ..... 920 Occupational Therapy  
 OPHTH ..... 921 Ophthalmology  
 ORTHP ..... 922 Orthopedics  
 OTOHN ..... 923 Otolaryngology, Head and  
 Neck Surgery  
 PATH ..... 924 Pathology  
 PEDS ..... 925 Pediatrics  
 PHCOL ..... 926 Pharmacology  
 IMMUN ..... 927 Immunology  
 REHAB ..... 928 Rehabilitation Medicine  
 MHE ..... 929 Medical History and Ethics  
 P T ..... 930 Physical Therapy  
 P BIO ..... 932 Physiology and Biophysics  
 935 Prosthetics and Orthotics  
 PBSCI ..... 936 Psychiatry and Behavioral  
 Sciences  
 R ONC ..... 937 Radiation Oncology  
 RADGY ..... 938 Radiology  
 SURG ..... 941 Surgery  
 UROL ..... 946 Urology  
 947 Visiting Student Medicine  
 LAB M ..... 948 Laboratory Medicine  
 FAMED ..... 949 Family Medicine  
 950 Medicine, Concurrent  
 Degree Program

**South Branch Campus  
 (Tacoma Area)**

*School Code: Z*

TLSUS ..... 960 Tacoma Liberal Studies:  
 United States  
 TLSIN ..... 962 Tacoma Liberal Studies:  
 International  
 TLS ..... 963 Tacoma Liberal Studies  
 P PRO ..... 966 Pre-Professional  
 T NURS ..... 970 Nursing  
 T EDUC ..... 975 Education  
 T BUS ..... 981 Business (Tacoma)  
 T UND ..... 992 Undergraduate Fifth-Year  
 T VIS ..... 997 Visiting (Tacoma)  
 N M ..... 999 Nonmatriculated

# Independent Study

You can enroll at any time in Independent Study courses. Many courses have an e-mail option which allows you to ask questions directly of your instructor. Teachers can use unlimited Independent Study credits for certification and endorsements.

## How to Register

Complete the registration form on page 147. If you prefer to register by telephone and have a MasterCard or VISA, or if you wish to request an *Independent Study Bulletin*, call (206) 543-2350 or 1-800-543-2320 Mondays through Thursdays, 9 a.m.-7 p.m., or Fridays, 9 a.m.-5 p.m. Please specify the course schedule number (CSN) when registering. To register for a course without a CSN, call 543-2350. Students have one year to complete a course unless otherwise noted.

## Fees

The cost of these courses is \$62 per credit (\$66 after July 1). Credits are shown in parenthesis after the course title. Any supplemental fees for tapes (T), readings (R), lab kits (L) and videos (V) are at the end of each course listing. For descriptions or additional information on optional supplemental materials, call 543-2350. Full refunds minus the \$15 registration fee are available if you withdraw within one month of registration.

## Fulfilling requirements

Many Independent Study courses fulfill UW general education requirements. Please call an adviser at (206) 543-2350 to discuss specific courses.

## Continuing Nursing Education

Independent study courses are also offered by Continuing Nursing Education. For information, call (206) 543-1047, or write Continuing Nursing Education, SC-72, University of Washington, Seattle, WA 98195.

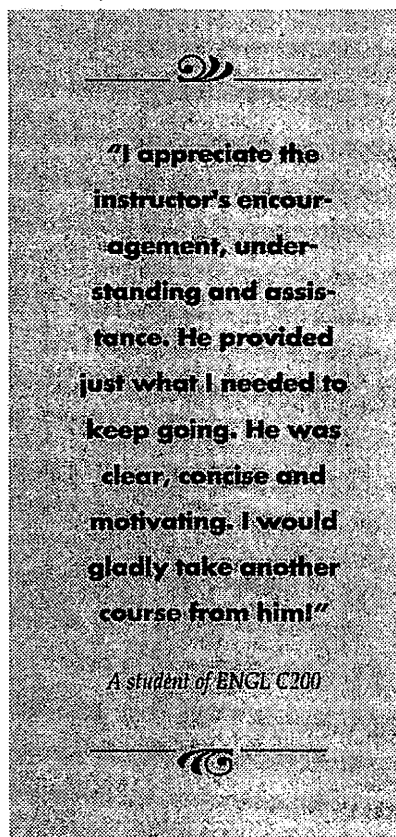
## Accounting

ACCTG C210 Introduction to Accounting (3)  
William Wells CSN1545 (R\$2.75)

ACCTG C220 Fundamentals of Financial Accounting (3) William Wells  
CSN1535

## American Indian Studies

AIS C311 W North American Indians:  
Pacific Northwest (5)  
Robert Boyd CSN1664 (R\$45)



## Anthropology

ANTH C100 Introduction to Anthropology (5)  
Leslie Johnson CSN1585

ANTH C202 Principles of Sociocultural Anthropology (5) Leslie Johnson  
CSN1583 (R\$5, V\$15)

## Astronomy

ASTR C101 Astronomy (5) Kalpana Gilroy  
CSN1515

ASTR C150 The Planets (5) Kalpana Gilroy  
CSN1296

## Atmospheric Science

ATM S C101 Weather (5) Janice DeCosmo  
CSN1586

## Business Communications

B CMU C301 Basic Written Business Communications (4)  
Jack Whelan CSN1643

## Chemistry

CHEM C140 General Chemistry (4) Sara Selfe  
CSN1517 (R\$22, T\$10)

CHEM C150 General Chemistry (4) Sara Selfe  
CSN1580 (R\$26, T\$10)

## Communications

CMU C201 History and Development of Communication and Journalism (5) Gerald Baldasty CSN1638

CMU C202 The Phenomena of Communication (5) Katherine Heintz-Knowles CSN1633

CMU C498 Problems in Communications (5) Deborah Illman CSN1576 (R\$11)

## Computer Science and Engineering

CSE C900 Developing a C Application (4 Continuing Education Units; this course is not offered for academic credit) Chi Hoo  
Fee: \$248 (\$264 effective July 1)  
CSN1637

## Economics

ECON C200 Introduction to Microeconomics (5) Leigh Anderson  
CSN1520 (R\$27, Optional PC disk \$10)

ECON C201 Introduction to Macroeconomics (5) Leigh Anderson CSN1547 (R\$23, Optional PC disk \$10)

ECON C300 Intermediate Microeconomics (5) Luther H. Hodges  
CSN1588

## Education

EDC&I C470 Science Education: Elementary School Programs and Practices (3) John P. Smith CSN1671, 6-month enrollment (L\$57) e-mail required

EDPSY C490 Basic Educational Statistics (3) Robert Abbott CSN1679

## Engineering

ENGR C331 Advanced Technical Writing (3) Christi Ruscigno CSN1549

TC C401 Style in Scientific and Technical Writing (3) Susan Rhodes CSN1534 (R\$10)

### English

- ENGL C200 Reading Literature (5)  
Alan Fisher CSN1250, 9-month enrollment (R\$2.50)
- ENGL C231 W Shakespeare (5)  
Charles Frey CSN1532
- ENGL C271 Intermediate Expository Writing (5) Robert Abrams CSN1610
- ENGL C274 Beginning Verse Writing (5)  
Christianne Balk CSN1653
- ENGL C277 Beginning Short Story Writing (5) Carol Orlock CSN1608, 9-month enrollment
- ENGL C309 W The Bible as Literature (5)  
John Griffith CSN1589
- ENGL C314 W Shakespeare to 1603 (5)  
Charles Frey CSN1590
- ENGL C315 W Shakespeare after 1603 (5)  
Charles Frey CSN1025
- ENGL C321 English Literature: The Late Renaissance (5) Alan Fisher CSN1516
- ENGL C322 Milton (5) Alan Fisher CSN1276
- ENGL C333 W English Novel: Early and Middle 19th Century (5)  
William Dunlop CSN1311 (R\$15)
- ENGL C340 W The Modern Novel (5)  
Malcolm Griffith CSN1591
- ENGL C352 W American Literature: The Early Nation (5) Malcolm Griffith CSN1315
- ENGL C353 W American Literature: Later 19th Century (5)  
John Griffith CSN1509
- ENGL C354 W American Literature: The Early Modern Period (5)  
Malcolm Griffith CSN1646
- ENGL C355 W American Literature: Contemporary America (5)  
Malcolm Griffith CSN1319
- ENGL C359 W Contemporary Novel (5)  
Malcolm Griffith CSN1314
- ENGL C363 W Children's Literature (5)  
John Griffith CSN1659
- ENGL C370 W Fantasy (5) Malcolm Griffith CSN1544
- ENGL C379 Advanced Expository Writing (5)  
Robert Abrams CSN1611
- ENGL C386 Intermediate Seminar: Verse Writing (5) Christianne Balk CSN1578
- ENGL C388 Intermediate Seminar: Short Story Writing (5) Carol Orlock CSN1514
- ENGL C422 Advanced Seminar: Verse Writing (5) Christianne Balk CSN1579

### Food Sciences

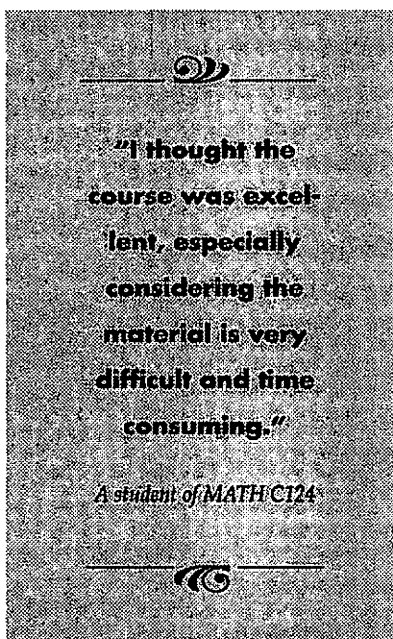
FD SC C300 Nutrition for Today (3)  
Barbee Tucker CSN1616 (R\$7.50) Also offered as NUTR C300, see "Nutrition"

### Forestry

FPE C430 Aerial Photos/Remote Sensing Natural Resources (3)  
Stewart G. Pickford CSN1557 (R\$3.50, L\$45)

### French

FREN C101 Elementary French (5)\*  
Michelle Bonhôte CSN1536, 9-month enrollment (T\$20)



FREN C102 Elementary French (5)\*  
Michelle Bonhôte CSN1550, 9-month enrollment (T\$20)

FREN C103 Elementary French (5)\*  
Michelle Bonhôte CSN1558, 9-month enrollment (T\$20)

### Geography

GEOG C102 World Regions (5)  
George Stoner CSN1523

GEOG C277 Geography of Cities (5)  
David Hodge CSN1618

### Germanics

GERM C101 First-Year German (5)\*  
Jochen Liesche CSN1635 9-month enrollment (T\$15)

GERM C102 First-Year German (5)\*  
Jochen Liesche CSN1041 (T\$25, R\$12)

GERM C103 First-Year German (5)\*  
Jochen Liesche CSN1042 (T\$12, R\$12)

### Gerontology

UCONJ C440 Biological Aspects of Aging (3)  
Ruth Craven CSN1650

### History

HST C113 W The Modern World (5)  
Jon Bridgman and Lori Anthony CSN1697

HSTAA C432 W History of Washington and the Pacific Northwest (5)  
Bonnie Sue Lewis CSN1538 (R\$20)

HSTAS C423 History of Modern Japan (5)  
Mary Hanneman CSN1632 (R\$10)

### International Business

I BUS C300 The International Environment of Business (3) John Hallaq CSN1537

### Italian

ITAL C101 Elementary Italian (5)\*  
Giuseppe Loporace CSN1521 (T\$25)

ITAL C102 Elementary Italian (5)\*  
Giuseppe Loporace CSN1078 (T\$4, R\$20)

ITAL C103 Elementary Italian (5)\*  
Giuseppe Loporace CSN1079 (T\$4, R\$20)

### Linguistics

LING C200 W Introduction to Linguistic Thought (5) Margaret Campos CSN1686

LING C457 Language Development (4)  
Margaret Campos CSN1636 (R\$3)

### Marketing

MKTG C301 Marketing Concepts (4)  
John Hallaq CSN1639

MKTG C340 Advertising (4) John Hallaq CSN1684 (R\$15)

### Mathematics

MATH C101 Intermediate Algebra (0)\*  
Nancy Hsu CSN1568, 6-month enrollment (\$186, Optional videotapes \$80)

MATH C111 Algebra with Applications (5)  
Nancy Hsu CSN1615, 9-month enrollment (R\$4)

MATH C112 Applications of Calculus to Business and Economics (5)  
Nancy Hsu CSN1623, 9-month enrollment

MATH C120 Precalculus (5) John Minardi CSN1581, 9-month enrollment

MATH C124 Calculus with Analytic Geometry (5) Shana D. Calaway CSN1670

*Independent Study continued*

- MATH C125 Calculus with Analytic Geometry (5) Shana D. Calaway CSN1522
- MATH C126 Calculus with Analytic Geometry (5) Shana D. Calaway CSN1546
- MATH C170 Math for Elementary School Teachers (3) Shana D. Calaway CSN1660
- MATH C205 Elementary Linear Algebra (3) Nancy Hsu CSN1556, 6-month enrollment

**Music**

- MUSIC C331 History of Jazz (3) Tom Collier CSN1640 (R\$10, T\$43)

**Nutrition**

- NUTR C300 Nutrition for Today (3) Barbee Tucker CSN1616 (R\$7.50) Also offered as FD SC C300, see "Food Science"

**Oceanography**

- OCEAN C101 Survey of Oceanography (5) Richard Strickland CSN1552, 9-month enrollment

**Organization and Environment**

- O E C200 Introduction to Law (5) Lorraine Goldberg CSN1593 (V\$10)

**Philosophy**

- PHIL C114 Philosophical Issues in the Law (5) David Adams CSN1607
- PHIL C115 Practical Reasoning (5) Rosemary Boyle CSN1619
- PHIL C120 Introduction to Logic (5) David Adams CSN1212

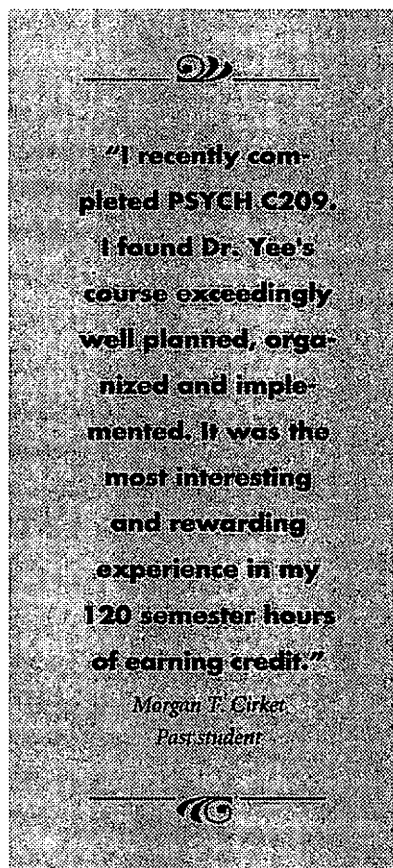
**Political Science**

- POL S C101 W Introduction to Politics (5) Mark Gardner CSN1513 (R\$15)
- POL S C201 Introduction to Political Theory (5) Mark Gardner CSN1501 (R\$5)
- POL S C202 W Introduction to American Politics (5) Ed Fox CSN1320 (T\$24, R\$10)
- POL S C203 W Introduction to International Relations (5) Timothy G. Amen CSN1612
- POL S C305 W The Politics of Mass Communication in America (5) Tom Berry CSN1582 (R\$30, V\$15)
- POL S C321 W American Foreign Policy (5) Timothy G. Amen CSN1649 (R\$2.50)

**Psychology**

- PSYCH C101 W Psychology as a Social Science (5) Virginia Gunderson CSN1657, 9-month enrollment
- PSYCH C205 W Introduction to Personality and Individual Differences (4) Greg Pierce CSN1620

- PSYCH C209 W Fundamentals of Psychological Research (4) Penny Yee CSN1562
- PSYCH C213 Elementary Psychological Statistics (6) Nona Phillips CSN1595
- PSYCH C305 W Abnormal Psychology (5) Greg Pierce CSN1621
- PSYCH C306 W Developmental Psychology (5) Virginia Gunderson CSN1631
- PSYCH C322 Introduction to Drugs and Behavior (3) Jaime Diaz CSN1630 (R\$4)



- PSYCH C345 W Social Psychology (5) Jonathon Brown CSN1596
- PSYCH C355 Survey of Cognitive Psychology (5) Penny Yee CSN1622

**Religious Studies/  
Comparative Religion**

- RELIG C202 W Introduction to World Religions: Eastern Traditions (5) Linda Iltis CSN1685, 6-month enrollment

**Russian**

- RUSS C101 First-Year Russian (5) Charlotte Wallace CSN1528, 9-month enrollment (T\$20)

**Sociology**

- SOC C110 Survey of Sociology (5) Virginia Paulsen CSN1629
- SOC C271 W Introduction to the Sociology of Deviance (5) George Bridges CSN1307
- SOC C347 Socialization (5) Virginia Paulsen CSN1688
- SOC C352 The Family (5) Beth Weinstein CSN1642, 9-month enrollment (R\$5.25)
- SOC C371 W Criminology (5) George Bridges CSN1542

**Spanish**

- SPAN C101 Elementary Spanish (5)\* Ganesh Basdeo CSN1524, 9-month enrollment (T\$24)
- SPAN C102 Elementary Spanish (5)\* Ganesh Basdeo CSN1530, 9-month enrollment (T\$24)
- SPAN C103 Elementary Spanish (5)\* Ganesh Basdeo CSN1519, 9-month enrollment (T\$32)
- SPAN C201 Intermediate Spanish (5) Shirley King CSN1551 (T\$25)

**Statistics**

- STAT C220 Basic Statistics (5) Nancy Hsu CSN1598, 6-month enrollment
- STAT C301 Basic Statistics with Applications (5) Nancy Hsu CSN1604, 6-month enrollment
- STAT C311 Elements of Statistical Methods (5) John Minardi CSN1599

**Technical Communication**

- ENGR C331 Advanced Technical Writing (3) Christi Ruscigno CSN1549
- TC C401 Style in Scientific and Technical Writing (3) Susan Rhodes CSN1534, 9-month enrollment (R\$10)

**UCONJ**

- UCONJ C440 Biological Aspects of Aging (3) Ruth Craven CSN1650

**Women Studies**

- WOMEN C310 Women and the Law (5) Claire Thomas CSN1600, 9-month enrollment (R\$10)

# Independent Study Registration form

Mail completed form and fees to: UW Registration, GH-25  
5001 25th Ave. NE  
Seattle, WA 98195

To register by phone using VISA or MasterCard, call:  
(206) 543-2350 or 1-800-543-2320  
FAX (206) 685-9359, TDD (206) 543-0898

To request disability accommodations, contact UW Extension as early as possible at  
(206) 543-2310; TDD (206) 543-0898; FAX (206) 685-9359.

- Mr.  
 Ms.

Name (Last) (First) (Middle) Social Security number (optional, but aids processing) Date of birth

Mailing Address Street Home telephone number

City State ZIP code Work telephone number

Former last name

Have you ever enrolled for credit courses at the University of Washington?  yes  no

If yes, expected date of graduation: \_\_\_\_\_  
Month Year

UW student ID number

Have you ever taken a course through UW Independent Study?  yes  no

Check highest level of education completed:

1. High school  
 2. Some college  
 3. Baccalaureate degree  
 4. Graduate study

Why are you taking this course?

5. To complete degree  
 6. To fulfill state teaching requirement  
 7. Professional certification and advancement  
 8. General interest

Occupation

How did you hear about UW Independent Study?

- UW adviser (9)  
 Other college adviser (7)  
 Independent Study bulletin (4)  
 UW Extension catalog (13)  
 UW Summer Quarter Bulletin and Time Schedule (19)  
 Newspaper (2)  
 Poster (28)  
 Other (26)

|                     |        |                       |                                  |                     |
|---------------------|--------|-----------------------|----------------------------------|---------------------|
| For office use only | DANTES | Balance due Refund \$ | ID number                        | Bookstore order no. |
|                     | UWSA   |                       | office phone mult. (small state) | Date book ordered   |

## Course information

| Course 1   |  | Course 2   |  |
|--|--|--|--|
| Department name/course number                          |  |  |  |
| Course section number (4-digit CSN)                    |  |  |  |
| Type of credit requested (check one)                   | <input type="checkbox"/> regular <input type="checkbox"/> S/NS <input type="checkbox"/> noncredit, audit | <input type="checkbox"/> regular <input type="checkbox"/> S/NS <input type="checkbox"/> noncredit, audit |  |
| Number of credits                                      |  |  |  |
| Course fee (\$62/credit, \$66/credit effective July 1) |  |  |  |
| Supplemental materials:                                | Tapes  |  |  |
|  | Readings   |  |  |
|  | Lab kit  |  |  |
|  | Other  |  |  |
| Foreign postage <sup>1</sup>                           |  |  |  |
| Total course cost (Not including registration fee)     |  |  |  |

## Fee summary

Course 1 total cost: \$ \_\_\_\_\_  
Course 2 total cost: + \$ \_\_\_\_\_  
Registration fee: + \$ 15 \_\_\_\_\_  
Total paid: \$ \_\_\_\_\_

## Method of payment

All fees must be paid at the time of registration.

- Check (made payable to the University of Washington)  
 Third-party payer—separate document (purchase order or letter of authorization to bill) must accompany registration form.  
 VISA  MasterCard

Card number Expiration date

Name as it appears on card

Note: Independent Study reserves the right to adjust fees, discontinue courses or change instructors as circumstances warrant.

<sup>1</sup>Foreign postage must be paid by students living outside the United States, Canada or Mexico when lessons and materials are to be sent through international mail. The fee is \$15 for 1-3 credits and \$25 for 4 or more credits.

# Guide to Classroom Locations

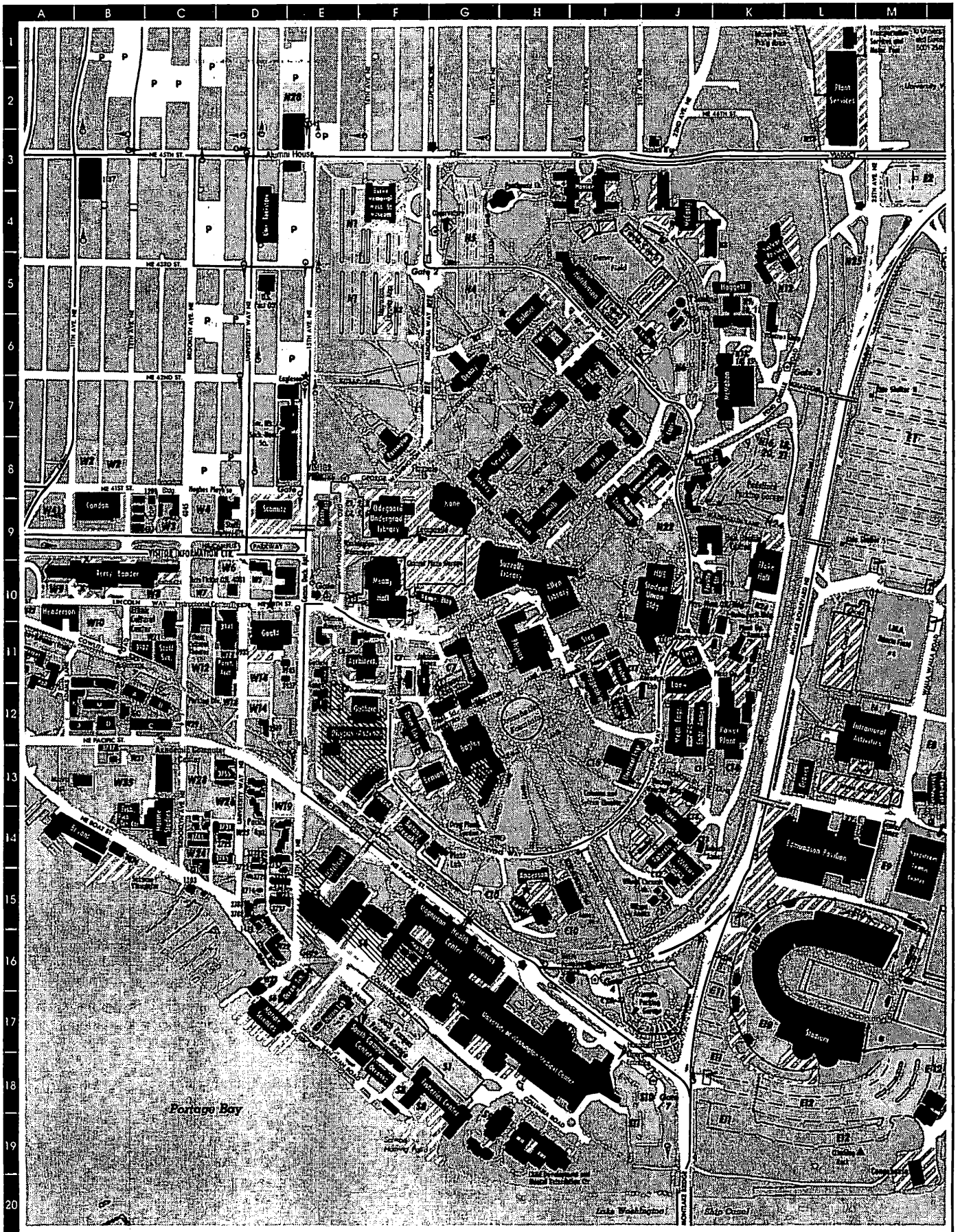
The three-letter abbreviation is spoken on STAR and accompanied by the classroom number when the list schedule transaction (L#) is performed. The classroom abbreviation is also printed with the classroom number on your printed registration confirmation.

ACC Academic Computing Center (13-C)  
 ADM Administration Building (10-G)  
 AER Aerospace and Engineering Research Building (12-I)  
 AND Anderson Hall (15-H)  
 ARC Architecture Hall (11-F)  
 ART Art Building (6-I)  
 ATG Atmospheric Sciences-Geophysics Building (12-G)  
 BAG Bagley Hall (13-G)  
 BGH Botany Greenhouse (14-F)  
 BL1 UW Bothell Campus  
 BLD Bloedel Hall (15-H)  
 BLM Balmer Hall (5-H)  
 BMM Burke Memorial Washington State Museum (4-F)  
 BNS Benson Hall (13-G)  
 BRY Bryant Building (14-A)  
 CAB\* Cabrini Hospital  
 CDC Child Development and Mental Retardation Center (19-H)  
 CHL Chemistry Library Building (12-F)  
 CDH Condon Hall (9-B)  
 CLF 3731 University Way NE (14-D)  
 CLK Clark Hall (7-J)  
 CMA\* Ceramic and Metal Arts Building  
 CMH\* Con Bela Mental Health  
 CMU Communications Building (8-I)  
 CNH Canoe House (19-M)  
 COH\* Children's Hospital  
 CQS Center for Quantitative Science (15-D)  
 CSB\* Seattle Central Community College  
 CSH Conibear Shellhouse (13-M)  
 CTU Clinical Training Unit (within CDC) (19-H)  
 DEN Denny Hall (6-G)  
 DSC 3939 University Way NE (11-D)  
 ECC Ethnic Cultural Center (11-C)  
 EDP Edmundson Pavilion (14-L)  
 EEB Electrical Engineering Building (13-I)  
 EEU Experimental Education Unit (within CDC) (19-H)  
 EGA Engineering Annex (12-J)  
 EGL Eagleson Hall (7-E)  
 ELB Engineering Library (11-J)  
 EMC\* Eastside Mental Health Center  
 EVH\* Evergreen Hospital  
 FIS Fisheries Center (18-G)  
 FLK Fluke Hall (10-K)  
 FRH\* Friday Harbor Laboratories  
 FSH\* Foss Sunset Home  
 FTR Fisheries Teaching and Research Building (14-B)

GA1 Guthrie Annex 1 (12-E)  
 GA2 Guthrie Annex 2 (11-E)  
 GA3 Guthrie Annex 3 (11-E)  
 GDR\* Golf Driving Range  
 GHH\* Group Health Hospital  
 GLD Gould Hall (11-D)  
 GTH Guthrie Hall (12-F)  
 GUG Guggenheim Hall (11-I)  
 GWN Gowen Hall (9-H)  
 HAG Henry Art Gallery (9-E)  
 HCK Hitchcock Hall (Biological Sciences Building) (14-E)  
 HHL Harris Hydraulics Laboratory (17-E)  
 HLL Hall Health Center (9-K)  
 HMC\* Harborview Medical Center  
 HMH\* Harborview Community Health Center  
 HND Henderson Hall (10-A)  
 HPH Hughes Playhouse (9-D)  
 HRC\* Fred Hutchinson Cancer Research Center  
 HS2 Magnuson Health Sciences Annex 2 (16-F)  
 HSA Health Sciences Building wings A, B, and C (16-G)  
 HSB Health Sciences Building wings AA and BB (17-H)  
 HSD Health Sciences Building wings D, E, F, G, and H (16-F)  
 HSI Health Sciences Building wing I (16-F)  
 HSJ Health Sciences Building wing J (15-E)  
 HSR Health Sciences Building wing RR (18-H)  
 HST Health Sciences Building wing T (15-G)  
 HUB Student Union Building (10-J)  
 HUT Hutchinson Hall (5-I)  
 HWS\* Highline-West Seattle Mental Health Center  
 ICH Cunningham Hall (11-F)  
 ICT Instructional Center/Theater (10-C)  
 IMA Intramural Activities Building (12-M)  
 JHA Johnson Annex A (11-G)  
 JHN Johnson Hall (11-G)  
 KHD\* King County Health Department  
 KIN Kincaid Hall (13-F)  
 KLN\* Kline Galland Nursing Home  
 KNE Kane Hall (8-G)  
 LEW Lewis Hall (6-J)  
 LOW Loew Hall (11-J)  
 MAR Marine Studies Building (14-C)  
 MDC\* Madigan General Hospital  
 MEB Mechanical Engineering Building (12-J)  
 MKZ Mackenzie Hall (6-H)  
 MNY Meany Hall (10-F)  
 MLR Miller Hall (8-I)  
 MOR More Hall (14-J)  
 MSB Marine Sciences Building (14-C)  
 MUE Mueller Hall (formerly Roberts Underground) (14-I)  
 MUS Music Building (7-I)

NOC Not on Campus  
 NPL Nuclear Physics Laboratory (4-K)  
 NRB Nuclear Reactor Building (13-J)  
 NSC\* North Seattle Community College  
 NSM\* Northshore Manor  
 OBS Observatory (4-G)  
 OCE Oceanography Building (18-F)  
 ORB Ocean Research Building (16-D)  
 OTB Oceanography Teaching Building (16-E)  
 OUG Odegaard Undergraduate Library (9-F)  
 OVL\* Overlake Hospital  
 PAR Parrington Hall (8-F)  
 PDL Padelford Hall (8-J)  
 PHH\* U.S. Public Health Hospital  
 PHY Physics Hall (11-H)  
 PLT Plant Laboratory (14-G)  
 PMC\* Pacific Medical Center  
 PSC\* Pacific Science Center  
 PTH Penthouse Theater (4-H)  
 RAI Raitt Hall (7-H)  
 RCC\* Ravenna Convalescent Center  
 ROB Roberts Hall (14-J)  
 SAV Savery Hall (8-G)  
 SDP\* Seattle Doctors Pavilion  
 SGH\* Seattle General Hospital  
 SHC\* Shoreline Community College  
 SHD\* Snohomish Community Health Department  
 SIG Sieg Hall (11-I)  
 SKV\* Skagit Valley Community College  
 SMH\* Seattle Mental Health Center  
 SMI Smith Hall (9-H)  
 SMZ Schmitz Hall (9-D)  
 STC\* Seattle Treatment Center  
 STV\* Stevens Memorial Hospital  
 SUZ Suzzallo Library (10-H)  
 SWH\* Swedish Hospital  
 SWS Social Work/Speech and Hearing Sciences Building (8-E)  
 TGB Graves Building (13-L)  
 THO Thomson Hall (9-I)  
 TL1 UW Tacoma Campus  
 UMC University Medical Center wings CC, EE, NE, NN, NW, SE, SS, and SW (18-H)  
 UME University Medical Center wings EA, EB, and EC (18-I)  
 VAH\* Veterans Administration Hospital  
 VGH\* Valley General Hospital  
 VMH\* Virginia Mason Hospital  
 WCL Wilson Ceramic Laboratory (15-J)  
 WFS Winkenwerder Forest Science Laboratory (15-I)  
 WIL Wilcox Hall (14-J)  
 WLN\* Wintonia House  
 WLS\* Wilsonian Ballroom

\*Off-campus facilities  
 ( ) Map coordinates



# Directory of Information Sources

## Academic and administrative offices

Arts events  
Henry Art Gallery 543-2280  
UW Arts Ticket Office 543-4880

Emergencies  
University police from any phone on campus Dial 9-911

Financial aid  
Financial aid general information 543-6101  
Student employment 543-1840  
Scholarships and work study 685-1985

Health services  
Hall Health Center 685-1011

Housing  
Campus housing 543-4059

Information-general campus  
Main campus operator 543-2100  
Visitors Information Center 543-9198

Libraries  
Library hours 543-0140  
Suzzallo reference desk 543-0242  
Odegaard reference desk 543-2060  
Health Sciences Library 543-5530

Recreation  
Intramural Activities Building general information and building use 543-4590

Services and facilities  
Alumni Association 543-0540  
Book Store, University 634-3400  
Burke Memorial Washington State Museum 543-5590  
Childcare Coordinating Office 543-1041  
Computing Services 543-5970  
Disabled Student Services 543-8924  
Foreign Study Office 543-9272  
Foundation for International Understanding through Students (FIUTS) 543-0735  
International Services Office 543-0840

Minority Affairs, Office of 543-6598  
Minority Education, Division of the Graduate School 543-9016  
Ombudsman's Office 543-6028  
Parking 685-1543  
Placement Center 543-0535

Registration Office 543-4000  
UW Extension 543-2320  
Veterans Affairs, Office of Special Services 543-6122  
Summer Quarter Office 5001 25th Ave. NE 543-2320

## Telephone Audio Library Information System (TALIS)

TALIS is a touchtone telephone audio library service of the University of Washington that answers most commonly asked questions. These messages are free, although there will be a charge if you are calling long distance.

### How to use TALIS

1. Using a touchtone telephone, call TALIS at 543-9000.
2. After the greeting, press the 4-digit code followed by # associated with the information you desire.
3. You may go directly to another message at any time by pressing the associated 4-digit code followed by #.
4. When you are finished, just hang up.
5. Our staff will be happy to answer any additional questions, 8 a.m.-5 p.m., weekdays.

### TALIS codes

#### Admissions

1101# Admission information

#### Graduation

2101# Graduation application dates and information

#### Military/civil service tuition exemptions

2111# Previous Washington residents currently on active duty out-of-state  
2112# Active duty military stationed in Washington

#### Registration

2121# How to add and drop courses  
2122# Address change information  
2123# Enrollment verification and loan deferments

#### Quarterly academic calendar:

2124# Autumn Quarter  
2125# Winter Quarter  
2126# Spring Quarter  
2127# Summer Quarter

#### Registration period dates and information:

2128# Autumn Quarter  
2129# Winter Quarter

2130# Spring Quarter

2131# Summer Quarter

#### Residency classification

2141# Requirements for financially independent students  
2142# Requirements for financially dependent students  
2143# Application due dates  
2144# To request an application

#### Student accounts and aid disbursement

3101# Aid check disbursement schedule  
3102# Student insurance premiums  
3103# Tuition/fees payment procedures  
3104# Tuition rates

#### State classified employee tuition exemption program

2171# Information

#### Student loans

##### Loan information:

4101# Loan application information  
4102# Bank loan availability lists  
4103# Loan signature hours and locations  
4104# Loan exit interview times and dates

##### Loan repayment:

4111# Billing service information  
4112# Past due loan accounts information  
4113# Loan deferment information  
4114# Loan postponement and cancellation

#### Transcripts

2152# How to order a transcript by mail  
2153# How to order a transcript in person  
2154# Enrollment certification and loan deferments

#### U-PASS

5101# Community transit information  
5102# Metro transit information  
5103# Night ride program  
5104# U-PASS program

#### Washington Public Interest Group (WASHPIRG)

6101# Information

#### Withdrawal

2161# How to completely withdraw for a quarter



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# University of Washington summer-only 1994 application form\*

A \$35 nonrefundable application fee must accompany the application. Make check or money order payable to the University of Washington in U.S. funds. Applications will be processed as soon as possible. However, due to the volume of applications received, processing time may take four to six weeks.

## Mail completed application form and \$35 fee to:

- If you have never attended UW credit classes return to: Office of Undergraduate Admissions, PC-30, 320 Schmitz Hall, University of Washington, Seattle, WA 98195.
- If you have previously attended UW credit classes and have been assigned a student I.D. number, return to: Registration, PD-10, 225 Schmitz Hall, University of Washington, Seattle, WA 98195.

Please type or print clearly:

1. Social Security number \_\_\_\_\_ 2. Sex:  Male  Female

3. Legal name (last) \_\_\_\_\_ (first) \_\_\_\_\_ (middle) \_\_\_\_\_

4. Former name(s) \_\_\_\_\_

5. Mailing address (street and number) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP code \_\_\_\_\_

6. Permanent address (if different from above) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ ZIP code \_\_\_\_\_  
( \_\_\_\_\_ ) ( \_\_\_\_\_ )

7. Home telephone (area code and number) \_\_\_\_\_ Business telephone (or alternate telephone) \_\_\_\_\_  
\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

8. Date of birth (month/day/year) \_\_\_\_\_ Place of birth \_\_\_\_\_ 9. Are you a veteran?  Yes  No

10. Are you a Washington resident?  Yes  No If not, what is your home state? \_\_\_\_\_  
How long have you resided in Washington? From \_\_\_\_\_ To \_\_\_\_\_  
Country of Citizenship, if not USA \_\_\_\_\_  
Type of visa \_\_\_\_\_

11. If UW or state classified employee, will you be attending on the tuition exemption program?  Yes  No

12. Have you ever enrolled for a credit course at UW?  Yes  No  
If yes, \_\_\_\_\_ (Student number) \_\_\_\_\_ (Last quarter and year enrolled) \_\_\_\_\_ (Major)

13. Have you earned a bachelor's degree at another college?  Yes  No  
If yes, \_\_\_\_\_ (Name of degree) \_\_\_\_\_ (College issuing degree) \_\_\_\_\_ (Date)

14. Last school attended: \_\_\_\_\_ (Name) \_\_\_\_\_ (Location) \_\_\_\_\_ (Dates attended)

15. Will you still be enrolled in high school in 1994-95?  Yes  No  
If yes, the following materials must be included with this application:  
A. A statement from your high school principal or counselor giving permission for you to attend Summer Quarter.  
B. A copy of your high school transcript (Note: a 3.30 GPA is required.)

16. (Optional) What race do you consider yourself to be?  
 White/Caucasian  Black/African American  Eskimo  Aleut  
 Indian (American)  
 (Print name of the enrolled or principal tribe) \_\_\_\_\_  
 Asian or Pacific Islander (API)  
 Chinese  Filipino  Hawaiian  Korean  
 Vietnamese  Japanese  Asian Indian  Samoan  
 Guamanian  Other API (Please print) \_\_\_\_\_  
 Other Race (Please print) \_\_\_\_\_

Are you or are you not of Spanish/Hispanic origin?  
 No (not Spanish/Hispanic)  
 Yes, Mexican, Mexican-Am, Chicano  
 Yes, Puerto Rican  
 Yes, Cuban  
 Yes, other Spanish/Hispanic \_\_\_\_\_  
 (Print one group, for example: Argentinian, Colombian, Dominican, Nicaraguan, Salvadoran, Spaniard, etc.)

17. (Optional) Do you have a physical, sensory, or mental impairment that substantially limits one or more life activities (e.g. walking, seeing, hearing, breathing or learning)?\*\*  
 No  Yes (Please describe) \_\_\_\_\_

18. In signing this form, I certify that the above information is complete and accurate. Failure to disclose complete and accurate information may result in denial of admission or dismissal from the University.

Full legal signature \_\_\_\_\_

Date completed (month/day/year) \_\_\_\_\_

\*If you have never attended the University or are not eligible to return to the University in the admission status you were in when last registered here, you will be admitted as a nonmatriculated student for Summer Quarter only. You will not be eligible to continue as a nonmatriculated student in Autumn, Winter or Spring Quarters.

\*\*Question 17 is asked for the purpose of reporting the number—not the names—of disabled applicants to the state, and for offering appropriate accommodations to disabled students, in accordance with the provisions of Section 504 of the Rehabilitation Act of 1973. Failure to provide the information will not subject you to any adverse treatment.

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6  
LAST SCHOOL TYPE

    
HOME ADDRESS CODE

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