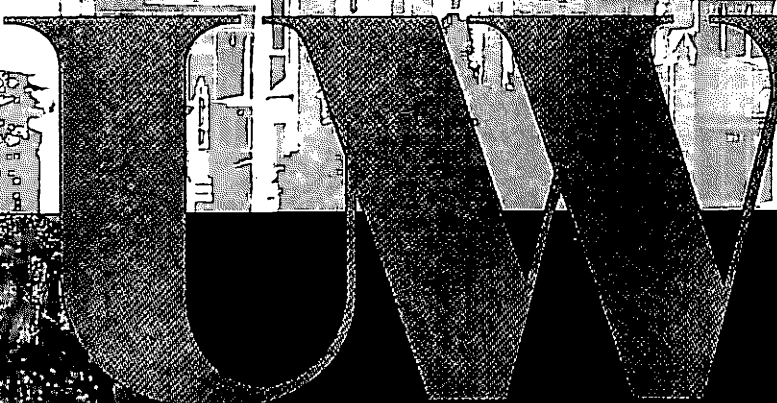
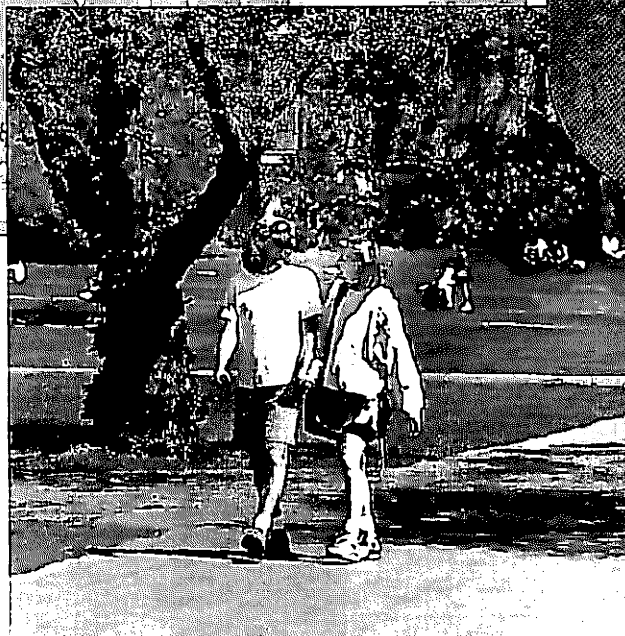


University of Washington

• *Seattle, Washington*



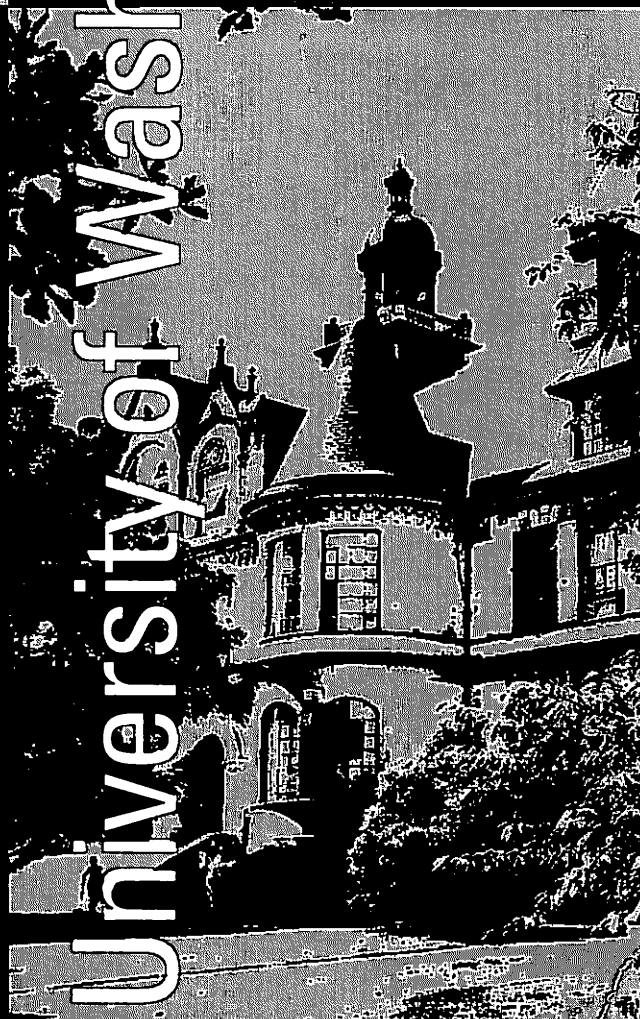
University of Washington

- Full Term: June 19-August 18
- a Term: June 19-July 19
- b Term: July 20-August 18

Also includes:
UW Tacoma and UW Bothell

*Bulletin and
Time Schedule*

**Summer
Quarter
1995**



Study at the UW this summer

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 early May), once you are notified of admission.

Continuing UW students enrolled for Spring Quarter 1995 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 1995 sessions

- June 19-August 18 Full Term
- June 19-July 19 a Term
- July 20-August 18 b Term

Summer Quarter Quick Reference

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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. After June 1, applications must be submitted in person.

■ If you have never attended UW credit classes, mail application to:
Office of Undergraduate Admissions, 355840
320 Schmitz Hall
University of Washington
Seattle, WA 98195-5840

■ If you have previously attended UW credit classes and have been assigned a student I.D. number, mail application to:
Registration, 355850
225 Schmitz Hall
University of Washington
Seattle, WA 98195-5850

3. You may register by touchtone telephone as soon as you receive notification of acceptance but not before the first week in May. For STAR registration schedule and instructions, see pages 130-136.

See Admissions, pages 124-126, or call Summer Quarter Academic Advising, (206) 543-6160, for additional information.

* Continuing UW students currently enrolled for Spring Quarter 1995 or students who completed Winter Quarter 1995 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 1995

MAY 1	STAR registration by phone begins for graduating seniors or postbaccalaureate students with degree applications on file (see registration schedule, page 130, for details)
MAY 3	STAR registration by phone begins for all other students (see registration schedule, page 130, for details)
JUNE 1	Last day applications accepted by mail; later applications accepted in-person only
JUNE 19	Full term and <i>a</i> term classes begin; students billed for Summer Quarter tuition
JUNE 19	\$25 late fee assessed to register late for full and <i>a</i> term; July 20 for <i>b</i> term
JUNE 26	\$20 change fee assessed to add, drop or change a course for full and <i>a</i> term; July 27 for <i>b</i> term. Additional tuition or tuition forfeiture may also be charged.
JULY 3	\$75 late fee assessed to register late for full and <i>a</i> term; July 27 for <i>b</i> term. Registration by petition only.
JULY 4	Independence Day holiday
JULY 7	Tuition payment deadline
JULY 19	<i>a</i> term ends
JULY 20	<i>b</i> term begins
AUG. 18	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 122-123.

Course descriptions and time schedule information

Course titles and descriptions are listed in the *Course Descriptions* section of this bulletin, pages 6-73. Evening degree courses and courses offered at UW Bothell and UW Tacoma are listed on pages 69-73.

◆ denotes *a* term, June 19-July 19; ▲ denotes *b* term, July 20-Aug. 18. Courses without a symbol meet for the full Summer Quarter, June 19-Aug. 18. Specific dates are given for short, intensive workshops which do not meet for entire term lengths. See page 6 for more information on how to read course listings.

The *Time Schedule* section of this bulletin, pages 74-120, 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.

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 122-123 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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Continuing Education and Summer Quarter*
David Szatmary, *Associate Vice Provost*
Evelyn Bombon, *Manager, Accounting*
Sally Cronin, *Director, Marketing and
Public Relations*
Carl Krikorian, *Manager, Budgeting*
Kei Quinlan, *Director, Summer Quarter*

Summer Quarter Bulletin Staff

Alan Biné, Katie Blide, Anne Conners,
Sally Cronin, Maria Lilja, Tara Locknane,
Stephanie Peden, Josh Sherman, and
Jennifer Summers

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

If you believe you have been discriminated against on the basis of one or more 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
- Business and Personnel Services
22 Administration Building, 616-2028
- 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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Refer to the Index on pages 159-160 for detailed listings.

A summer-only application can be found on the inside back cover.

Visiting Faculty

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

College of Arts and Sciences

Art

Jerry Bleem, M.F.A., School of Art Institute of Chicago; M.Divinity, Catholic Theological Union at Chicago; practicing fiber artist with interest in liturgical textiles
ART 203 Design and Materials:
Fabric Construction

Asian Languages and Literature

Setsuko Buckley, Ed.D., University of Washington; faculty, Western Washington University
JAPAN 134 First-Year Intensive Japanese

English

Christine Rose, A.M., Boston College; Ph.D., Tufts University; faculty, Portland State University
ENGL 321◆ Chaucer

History

Susanne Martin, Ph.D., University of Minnesota; faculty, Whitman College, Walla Walla
HSTAM 402 Classical Greece

Andrejs Plakans, Ph.D., Harvard; faculty, Iowa State University
HSTEU 454▲ Baltic History

Sarah Sharbach, Ph.D., University of Washington; faculty, Salisbury State University, Maryland
HSTAA 303 Modern American Civilization from 1877

Augustine Veenendaal, Ph.D., University of Nijmegen, Holland; senior editor, Institute of Netherlands History, The Hague, Netherlands
HSTAA 445◆ Economic History of the United States

Near Eastern Languages and Civilization

Muhammat-Ali Akhmedov, Candidate of History (Kandidate Nauk), Tashkent State University; writer, poet, and director, Translation Center, Writers' Union of Uzbekistan, Tashkent
TKIC 426 Intensive Intermediate Uzbek

Music

Bryan Burton, West Chester University of Pennsylvania
MUSED 475B, C Teaching the Music of Selected Cultures: Native Americans I, II

John Chenault, high school music director, Indian River High School, Chesapeake, Virginia
MUSED 496E Special Topics in Music Education: PCs for Marching Band: Arranging and Drill Writing

Richard Colwell, New England Conservatory of Music, Boston, Massachusetts
MUSED 599B Advanced Selected Topics: Implementing the *National Standards in Arts Education*

John Kratus, Michigan State University
MUSED 525B Seminar in Music Education: Creative Experiences in Secondary General Music

Will May, University of North Texas, Denton, Texas
MUSED 496C Special Topics in Music Education: Middle School Choral Pedagogy

Bruno Netti, University of Illinois
MUSED 599C Advanced Selected Topics: Tale of Two Cities: Madras and Teheran

Scandinavian Languages and Literature

Guntis Smidchens, M.A., and doctoral candidate (folklore), Indiana University
BALTIC 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
BALTIC 150 Intensive Lithuanian

Brita Butler-Wall, Ph.D. (applied linguistics), University of California, Los Angeles; faculty, Seattle University
SWED 150 Intensive First-Year Swedish

Slavic Languages and Literature

Milena Turbova, professor, Charles University, Prague, Czech Republic
CZECH 401, 402, 403 Elementary Czech

Statistics

Denis Allard, Ph.D., Ecole des Mines de Paris; faculty, Ecole des Mines de Paris
STAT 394◆ 395▲ Probability I, II

David Brooks, M.S., Ph.D., University of Washington; faculty, Seattle University
STAT 220 Basic Statistics

Peter Smith, Ph.D., University of London; faculty, Victoria University of Wellington
STAT 390 Probability and Statistics in Engineering and Science

School of Business Administration

Marketing

Chip Miller, Ph.D., University of Washington; M.B.A., University of Kansas; faculty, Pacific Lutheran University

MKTG 301 Marketing Concepts
MKTG 335 Principles of Selling

College of Education

Educational Curriculum and Instruction

Kathryn H. Au, educational psychologist, Kamehameha Schools, Honolulu, Hawaii; author, *Literacy Instruction in Multicultural Settings*

EDC&I 505B◆ Improving the Literacy Achievement of Students of Diverse Backgrounds

Peter E. Messinger, M.A., School of International Training, Brattleboro, Vermont

EDC&I 457◆ Methods in Teaching ESL

Quintard Taylor, professor, University of Oregon, Eugene; author, *The Forging of a Black Community: Seattle's Central District from 1870 through the Civil Rights Era*

EDC&I 505B◆ Improving the Literacy Achievement of Students of Diverse Backgrounds

The Graduate School of Library and Information Science

Hanne Albrechtsen, MLISc, Royal School of Librarianship, Copenhagen, Denmark; associate professor, Royal School of Librarianship, Copenhagen, Denmark

LIBR 598A◆ Special Topics in Librarianship: Classification and Indexing of Technical Documents and Software

James Hambleton, A.M.L.S., University of Michigan, Ann Arbor; *J.D.*, George Washington University; Executive Director, School of Law Library, Texas Wesleyan University

LIBR 577◆ Law Library Administration

F. William Summers, M.L.S., Ph.D., Rutgers University; professor, Florida State University

LIBR 598D▲ Special Topics in Librarianship: Managing Information Organization for Human Service

Herman Totten, M.L.S., Ph.D., University of Oklahoma; regent's professor, North Texas State University

LIBR 598B◆ Special Topics in Librarianship: Information Resources in Culturally Diverse Communities

Graduate School of Public Affairs

Margaret A. Grimaldi Ethics administrator, King County Board of Ethics, Seattle; has taught European history and political science at the University of Maryland and the University of Wisconsin.

PBAF 504◆ Administrative Ethics

William R. Ross President, Ross and Associates Environment Consulting, Ltd., an environmental and natural resources consulting firm in Seattle; former commissioner of the Alaska Department of Environmental Conservation.

PBAF 595▲ Topics in Environmental Policy: Public Responsibilities and Private Choices: Emerging Environmental Approaches

Michael Shadow, Ph.D., prepares public sector leaders for presentations, public appearances and media interviews. His international clients include leaders of governments, judges, directors of agencies and heads of non-profits.

PBAF 598U◆ Oral Communication for Public Administrators

Helen Harte, M.P.A., University of Washington; director of quality resources, Pacific Medical Center

PBAF 598V◆ Total Quality Management

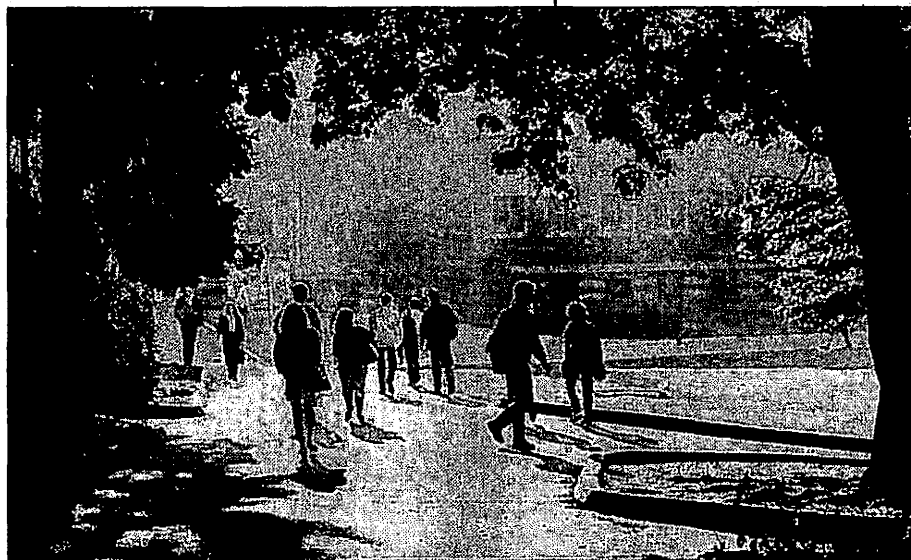
Lynne Iglitzin, Ph.D., former executive director of two national organizations, and board member of numerous non-profit organizations.

PBAF 598W◆ Board and Volunteer Relations for Not-for-Profit Organizations

Jan Hinman is a veteran Seattle-area newspaper reporter who operates Communication Concepts, a writing and media relations business.

PBAF 599◆ Media Relations

Visiting Faculty (cont.)



Guide to Course Descriptions

See the *Time Schedule* section, pages 74-121 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 74-121, 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).

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. Undergraduate, postbaccalaureate and nonmatriculated students who wish to register for 500-level courses must obtain permission from the instructor of the class, departmental chairperson or other designated person.

When acceptable to the major department and the Graduate School approved 400-level courses may be applied as graduate credit in the major field and approved 300-level courses may be applied in the supporting field(s).

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

Graduate courses numbered 600, 601, 700, 750 and 800 are restricted to students in the Graduate School. They appear by number and title only where applicable under the department course listings in this catalog. Call the sponsoring department for more information.

General education requirements

Courses satisfying UW general education requirements are identified by a code following the course title in both the course listing and time schedule sections of this bulletin. For a key to the codes, see box on this page. For more information, please speak to an advisor.

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
 Chemistry (CHEM) 299
 Communications (CMU) 328, 341
 Drama (DRAMA) 302
 Economics (ECON) 406, 460
 English (ENGL) 197, 198, 200, 242, 498
 French (FREN) 301, 302
 History (HST) 498
 Law (LAW) 476
 Psychology (PSYCH) 231, 232, 233, 417, 419
 Sociology (SOC) 110
 Speech and Hearing Sciences (SPHSC) 350

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

Key to symbols and abbreviations

- ◆ Class meets *a* term: June 19-July 19
No symbol: class meets full term
- ▲ Class meets *b* term: July 20-Aug. 18
No symbol: class meets full term
- W Fulfills "W" course requirement
- (C) Fulfills English Composition general education requirement
- (ISS) Fulfills *Individuals and Societies* general education requirement
- (NW) Fulfills *Natural World* general education requirement
- (QSR) Fulfills *Quantitative and Symbolic Reasoning* general education requirement
- (VLPA) Fulfills *Visual, Literary and Performing Arts* general education 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 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.

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), *Architectural Sketching* (ARCH 415), *Design Drawing I* (ARCH 498A), *Design Drawing II* (ARCH 498B), and *Introduction to Architectural Photography* (ARCH 498F).

College of Architecture and Urban Planning (CAUP)

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

270 Computers in Environmental Design and Planning (3)

Lectures, demonstrations and exercises introduce students to general computing concepts, and to applications used in environmental design and planning professions. Exercises utilizing Macintosh, MS-DOS, and networked computing environments convey the "survival skills" of each operation system, as well as experience with different applications; work processing, 2-D paint and draw graphics, 3-D graphics, database management and spreadsheets. Prerequisites: ENV S 204 and 205 or permission of program director.

Architecture (ARCH)

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

151 Appreciation of Architecture II (3) VLPA

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

403 Architectural Problems (6) VLPA

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) VLPA

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) VLPA

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) VLPA

Reinforced concrete fundamentals. Prerequisite: 322.

452♦ Characteristics of Puget Sound Architecture and Towns (3) VLPA

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) VLPA

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

478W Architectural CAD Systems (4) VLPA

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.

498♦ Special Projects (3-6, max. 12) VLPA

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.

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.

498 Special Projects (3-6, max. 12) C. Career Discovery: Introduction to Architectural Design (6)

An introductory course for students considering a curriculum in architectural studies and possibly a career in architecture. The University of Washington is situated in Seattle offering an extraordinary site and vital architectural design community. Students will study architecture through first hand experience with actual sites, buildings and materials. Basic design skills will be developed in an intensive design studio setting. The discipline of architecture will be explored broadly in basic design exercises, lectures and seminars.

F. Introduction to Architectural Photography (5)

Students learn to visually explore architecture and the build environment, while at the same time getting a very thorough training in film processing and printing in a black and white darkroom. Also included in shooting 3-D models and copy photography, and a survey of computer imaging options. Student must provide own 35mm camera with lens, shutter and aperture controls.

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. Credit/no credit only. Prerequisite: entry code.

598♦ Virtual Environments (3)

This class will confront requisite technical cognitive and graphic skills necessary to begin to understand how a virtual world can be used as a design medium. This class is a research laboratory that will establish specific procedures and techniques necessary for the creation, definition and manipulation of virtual environments with respect to urban and architectural design proposals. This will involve the modeling of a specific urban site in sufficient detail and definition to create convincing experience for an inhabitant in this virtual neighborhood. Enrollment by permission. Computer literacy in CAD required. Three dimensional modeling experience strongly recommended and preferred.

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. A Master's Degree in Building Construction is offered through the UW Evening Degree Program. See page 69 for details about the two courses in the program which are offered this summer. Please contact the department for additional information.

NEIGHBORHOOD PLANNING AND COMMUNITY SUSTAINABILITY

June 19-Aug. 18
URBDP 498C, 3 credits

An exploration of why our communities aren't sustainable, looking at the various forces working for and against long-term ecological, economic and cultural health. Reviewing definitions of community sustainability and alternative methods for measuring progress, such as indicators and assessment tools. Discussing Seattle's "Neighborhood Planning Project," and relating the challenges and opportunities of this process to the political, economic and ecological realities we're confronted with. Evaluation of our own neighborhood plans with principles and criteria of sustainability. Emphasizing practical steps that we can each take to bring sustainability into our respective communities.

310◆ Construction Contract Documents I (3)

Introduction to working drawings, specifications, and other documents designed to enable the student to read and interpret complete set of contract documents for residential and light commercial projects. Emphasis on the organization and uses of architectural engineering drawings and specifications in the construction process. Prerequisites: ENGR 123 or equivalent, and entry code.

312◆ Introduction to the Construction Industry (3)

Introduction to the construction process, including general overview of organization, relationships, practices, terminology, project types, procurement methods, industry standards, contract documents, and career opportunities. Prerequisite: entry code. Open to nonmajors on a space-available basis.

313◆ Construction Methods and Materials (3)

Review of basic building materials, with emphasis on techniques for assembly and utilization in residential and light construction, including materials such as stone, brick and wood. Prerequisite: entry code.

Course by special arrangement
Undergraduate Research

Landscape Architecture (L ARCH)

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

The Department of Landscape Architecture is pleased to present its program for Summer Quarter 1995. Several of the courses offered are open to nonmajors. Each course surveys different aspects of landscape architecture and reflects current concerns regarding technological developments in landscape architecture. An introductory design studio and career exploration course (L ARCH 300) emphasizes hands-on experience with landscape architecture design concepts and techniques. *History of Environmental Design in the Pacific Northwest* (L ARCH 450U) is a three-credit lecture course surveying the development of environmental design in the Pacific Northwest from the 19th century to the present, with major emphasis devoted to developments in the 20th century. *The Multi-Media Computer Studio* (L ARCH 498A) is a six-credit studio course utilizing the most current computer image processing techniques. The *Women and Landscape* seminar (L ARCH 498C) connects relationships between women and the landscape as designers, poets, scientists, artists, writers and gardeners. The *Design and Graphics Workshop: San Juan Islands*

(L ARCH 498D), a five-day camping field trip in the San Juan Islands, focuses on design and graphic activities in a wide range of outdoor settings. LARCH 498B/598B *Restoration Design: Ecological and Artistic Field Studies of Washington's Native Plant Communities* is an introduction to the restoration of damaged ecosystems, integrating science and art.

300 Introductory Landscape Architecture Design Studio (6)

Introduction to history and environmental influences in the field while developing design and graphic skills. 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; projects vary according to students' particular emphasis and needs. Majors only.

450 History of Environmental Design in the Pacific Northwest (3)

Development of landscape architecture, architecture and urban planning in the Pacific Northwest from the 19th century to the present, with major emphasis on the 20th century. The reciprocal relationships between these arts are emphasized together with relationships to other arts such as painting, sculpture and literature, as well as the natural, cultural, social and economic factors. A comparative and critical method of analysis is used to discuss developments in the environmental design arts in the various subregions of the Pacific Northwest (Oregon, Washington and British Columbia). Several themes are examined such as: politics in the landscape, the role of the past, the relationship between high art and the vernacular, the role of symbolism and nature-made attitudes.

476 Professional Operations (3-6)

Practicum course for landscape architecture majors for internship and exposure to the profession with working experiences at various levels of professional endeavor. Credit/no credit only. Majors only.

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

The technology of image display for professional presentation is changing dramatically. The Multi-Media Computer Studio enables students and professionals to stay abreast of current developments. 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. Open to nonmajors.

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

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

C. Women and Landscape (3)

Women connect with the landscape (natural and built) in infinite ways. Some of these connections are immortalized in the books of well-known authors, or in the diaries of women who settled the frontier. Other connections are depicted in art, science and design. Does gender provide a point-of-view in these connections? This class will be a shared exploration of the answers to that question. We will look at some of the relationships women have with the landscape as designers, poets, scientists, artists, writers and gardeners.

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

July 10-14 A five-day intensive field trip emphasizing development of graphic and design skills applicable to landscape architecture, architecture, art, forestry, botany and related fields. The workshop will be held at the University of Washington's Cedar Rock Preserve on Shaw Island, with design projects at other locations in the San Juan Islands. Prior art/graphic training not required. Prerequisite: orientation meeting on Thursday, July 6, 6-8 p.m., in 317 Gould Hall. Open to nonmajors.

598 Special Topics (1-6, max. 9)

B. Restoration Design (6)

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

Courses by special arrangement

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

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.

422 Geographic Information Systems in Planning Analysis (4)

Principles of geographic information systems applied to problems encountered in planning, landscape, architecture and general land use. Emphasizes practical problem-solving using existing computer software (ARC/INFO). Use of GIS for siting, environmental evaluation and wetlands inventories. Prerequisite: 420 or permission of instructor.

451♦ Housing (3)

June 19-August 2 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.

498♦ Special Topics (1-9, max. 15)

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

June 19-August 2 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. Prerequisites: 580 or law class in environmental law or land use law or equivalent professional experience (contact instructor).

B. Site Planning for Subdivisions and Planned Unit Developments (4)

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 a subdivision and planning unit developments. Taught by practicing site planners, the course will develop a step-by-step methodology leading from conceptual design through project construction.

Frequent guest lecturers by design and technical professionals active in the field. Please note that two full-day Saturday field trips are required. Credit/no credit only.

C. Neighborhood Planning and Community Sustainability (3)

An exploration of why our communities aren't sustainable, looking at the various forces working for and against long-term ecological, economic and cultural health. *For complete details, see box on page 8.*

D. Land Use and Water (3)

The complex relationship of land use and water is explored; land use is water-dependent and water impacting. The challenge for environmental planning is to balance land use and water use. The appropriate application of analytical methods to the understanding of the hydrological cycle is a framework for considering topics such as availability of surface and ground waters, competing demands, and quantity/quality relationships. Analyses of environmental preconditions and predictable results of land-use decisions are discussed in the context of urban water systems; water supply, storm water, flood control and waste water treatment.

E. Macintosh Workshop on Digital Graphic Media (3)

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

F. 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)

G. Desktop Publishing on the Macintosh (3)

A hands-on workshop covering all facets of Adobe 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

HISTORY OF AMERICAN INDIAN EDUCATION

• AIS 431, 5 credits
June 26-July 19

Traditional and European-introduced methods of schooling, the federal role in Indian education, and contemporary Indian education issues are covered. Special attention to Indian concepts of learning, boarding school education, the role of the Bureau of Indian Affairs, current trends in bilingual and bicultural education for Indians.

To educate the natives, missionaries, reformers and lawmakers attempted to achieve their goals for Native Americans on playgrounds, classrooms, dormitories and farm and industrial buildings across the United States. What affect have "Indian schools" had? Who was in control? Why did Indian peoples send their children? Biography, ethnohistory and primary documents are used in this course to reveal Native voices.

Instructor: Mark Hein has lived on an Indian reservation for almost 18 years and has taught in a public school on a reservation for 12 years. He holds a masters in ethnography with emphasis on school and community studies on a reservation.

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 general education and major requirements. Numerous courses that may be taken to satisfy the general education requirement as well as the "W" (writing) course requirement are offered during Summer Quarter. Special intensive courses are offered in several languages. In addition, courses are available for entering freshmen in all departments that offer major fields of study.

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
- Chicano 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.

150♦ Introductory History of American Ethnic Groups (5) I&S

Survey of the history of African Americans, Asian Americans, Chicanos and American Indians in the United States.

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.

201♦ Introduction to Black Studies (5) I&S

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.

260♦ Black Male/Female and Family Relationships (5) I&S

The Black family in the United States as a social institution. Effects of residence in a race-conscious society on interpersonal relationships between Black men and women. Exploration of proposals for strengthening the Black family in the United States. Offered jointly with SOC 260.

309 Intensive Basic Swahili (15) I&S

First-year Kiswahili language. Introduces students to Kiswahili and allows them to explore and understand not only the language but also the diverse cultures and customs of the people of East Africa. Provides a basic foundation in speaking, reading and writing. Primary emphasis on basic structures of Kiswahili and its operation.

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) I&S

Asian American subcultures; evolution of Asian Americans from 1850 to 1950: immigration patterns, evolution of subcultures, evacuation, interracial relations, assimilation and signs of social disorganization.

206 Contemporary Problems of Asian Americans (5) I&S

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.

Course by special arrangement

Undergraduate Independent Study and Research

Chicano Studies (CHSTU)

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

201♦ Introduction to Chicano Studies (5) I&S

Selected themes in Chicano experience; studies in Chicano politics and Chicano socioeconomic concerns. Not open to students who have taken CHSTU 102.

256♦ Chicanas: Gender and Race Issues (5) I&S

Contemporary issues in the Chicana movement since the 1940s. Issues from feminism and Chicana political, educational, and social organizations, to work, family, health, and the arts.

Course by special arrangement

Undergraduate Independent Study and Research

American Indian Studies (AIS)

C514 Padelford, GN-05
Telephone: 543-9082

110 American Indian Song and Dance Traditions (3) VLPA

Vocal technique, instrumental accompaniment, and song and dance traditions from different cultural areas of native North America.

317♦ North American Indians: Southwest (5) I&S

Overview of history and ethnography of the Southwest with emphasis on Apaches, 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.

431 History of American Indian Education (5) I&S

June 26-July 19 Traditional and European-introduced methods of schooling, the federal role in Indian education, and contemporary Indian education issues. Special attention to Indian concepts of learning; boarding school education; the role of the Bureau of Indian Affairs; current trends in bilingual and bicultural education for Indians.

475 Special Topics in Indian Studies (1-5, max. 15) I&S

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 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.

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.

Comparative Morals and Value Systems (ANTH 434) is also offered through the UW Evening Degree Program. See page 69 for details.

100 Introduction to Anthropology (5) I&S

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) I&S

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) I&S, VLPA

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. Offered jointly with LING 203. Not open for credit to students who have taken LING 200, 201, or 400.

301 Human Nature and Culture (5) I&S

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) I&S

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

353♦ Anthropological Studies of Women (5) I&S

Cross-cultural and comparative survey of the varieties of women's cultural experiences, statuses and roles in cultural context and the anthropological theories used to account for them. Topics include biological factors, studies of primates, woman the gatherer, work in preindustrial and industrial societies, women in folklore and music, matriarchy and matrilineal kinship, childbirth, and women's roles in economic development. Prerequisites: 202 and WOMEN 200 or permission of instructor. Offered jointly with WOMEN 353.

405▲ Peoples of Russia (5) I&S

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. Offered jointly with SISRE 405. Prerequisite: ANTH 202 or permission of instructor.

426▲ Peasant Culture and Society (5) I&S

Place of peasants in state, civilization and global economy, especially as seen from peasants' perspective. Consideration of cases drawn from anthropological studies. Prerequisite: 202 or permission of instructor.

429 Expressive Culture (5) VLPA

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.

431 Oral Traditions (5) VLPA

Oral traditions and verbal expression, examined anthropologically and in relation to student interests. Critical examinations of relevant theories and methods of analysis. Prerequisite: 100 or 202.

451♦ Phonology I (4) I&S

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

452A Phonology II (4) I&S

Speech sounds, mechanism of their production and structuring of sounds in languages; generative view of phonology. Offered jointly with LING 452A. Prerequisite: LING 200 or 400, either of which may be taken concurrently, or permission of instructor.

461A Syntax I (4) I&S

Study of the structural properties of language; introduction to generative transformational syntax. Offered jointly with LING 461A. Prerequisite: 200 or 400 or permission of instructor.

475◆ Perspectives in Medical Anthropology (5) I&S

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. Offered jointly with HSERV 475.

489 Anthropology Practicum (3-9, max. 15) I&S

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.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

Archaeology (ARCHY)

105 World Prehistory (5) I&S

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) I&S

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

304 New World Archaeology (3) I&S

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,

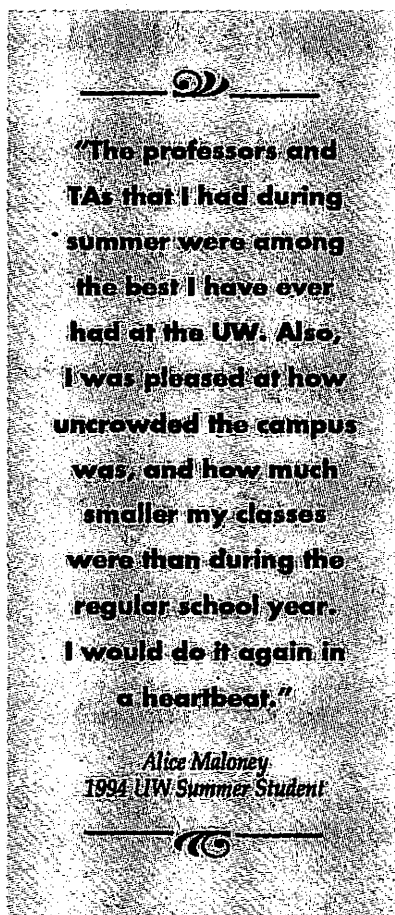
Peru, southwestern and eastern United States, Washington.

591 Advanced Field Course in Archaeology (6-9) I&S

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



Physical Anthropology (PHY A)

201 Principles of Physical Anthropology (5) NW

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) NW

Origins, major evolutionary trends and modern taxonomic 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.

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. 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.

Survey of Western Art: Medieval and Renaissance (ART H 202) and Survey of Western Art: Modern (ART H 203) are also offered through the UW Evening Degree Program. See page 70 for details.

121 Drawing I (5) VLPA

Perspective, light and shade, composition.

122 Drawing II (5) VLPA

See description of 121. Prerequisite: 121.

123 Two-dimensional Design: Structure and Color (5) VLPA

Exploration of fundamental visual phenomena as defined by relationship and context. Compositional studies that allow for analysis of line, form, mass, tonality and color. Exercises begin with subject interpretation and translation, progress to abstraction, and conclude with a series on variation on a visual theme.

124 Three-dimensional Design Fundamentals (5) VLPA

Through use of a variety of materials, three-dimensional fundamentals are investigated for formal and conceptual concerns as they apply to the visual arts.

132 Introduction to Figure Drawing (5) VLPA

Introduction to the human figure as historically traditional subject matter as well as an important component in self expression. Proportion, foreshortening and composition will be covered. Recommended: strong knowledge of drawing techniques.

201 Ceramic Art: Handbuilding (5) VLPA

Introduction to handbuilding, kiln firing and glazing processes. Examination of contemporary sculpture in clay.

202 Ceramic Art: Wheel Throwing (5) VLPA

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

230 Introductory Photography (5) VLPA

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.

245 Introduction to Printmaking (5) VLPA

Introduction to contemporary printing methods. Special emphasis on relief/wood block print.

246♦ Images on Paper (5) VLPA

Combines traditional printing with drawing and painting. Experimental in nature. Students work with various media and, in translating an image from one medium to another, will come to understand and must deal with the unique characteristics of each medium.

253 Design and Materials: Wood (5) VLPA

Shaping and forming of wood. Lamination and fabrication techniques. Use of hand and power tools. Recommended: some background in 3-D design.

256, 257 Painting (5,5) VLPA

Oil painting. Recommended: 122 or equivalent for 256; 256 for 257.

258 Jewelry Design (5) VLPA

Introduction to jewelry design and construction through techniques of sawing, filing, soldering, forging, and casting in silver, copper, bronze and brass, as well as simple stone setting. Recommended: some background in design concepts.

265 Intermediate Drawing (5, max. 15) VLPA

Recommended: 122.

272 Beginning Sculpture Composition (5) VLPA

Fundamentals of composition in the round and relief. Students will be required to pay an additional fee for materials. Recommended: some background in 3-D design.

307 Intermediate Painting (5, max. 10) VLPA

Oil painting for the student who has some knowledge of and experience with oil based paint. Drawing background also helpful. Recommended: drawing and beginning painting experience.

332 Intermediate Sculpture Composition (5, max. 15) VLPA

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

350 Printmaking Special Projects (5, max. 15) VLPA

A. Book Arts

Prerequisite: permission of instructor.

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

Advanced work in forming, decorating and glazing. Prerequisites: 201, 202 and entry code. Students will be required to pay an additional fee for materials.

372 Intermediate Photography III (5) VLPA

Introduction to photographic color theory and processes with emphasis on color printing on type C darkroom printing. Additional traditional and experimental color materials explored. Prerequisites: 370 and entry code. Students will be required to pay an additional fee for materials.

413 Documentary Photography (5) VLPA

Projects in photographic documentation involving either large or small format photography. Technical, conceptual and historical considerations in documentary photography. Prerequisites: 370, 371, 372 and permission of adviser.

436 Sculpture Composition (5, max. 15) VLPA

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

498 Individual Projects—Painting and Sculpture (3 or 5, max. 15)

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

B. Computer Generated Image Making (5) VLPA

Introduction to pixel-based image manipulation and creation 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. Prerequisite: basic Macintosh skills and entry code. Students will be required to pay an additional \$40 lab fee.

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

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 and entry code. Students will be required to pay an additional \$40 lab fee.

499♦ Individual Projects—Design (3 or 5, max. 15)

E. Altered Forms and Surfaces: A Studio Exploration into the Transformation of Cloth (5) VLPA

Constructed, patterned, embellished and found textiles will be the basis for a study designed to challenge underlying assumptions about cloth. Weaving and dyeing processes will be combined with alternative methods of pattern development and surface enhancement. This course is designed to encourage the student to interpret, invent or discover a vocabulary in which some aspect of cloth is central to its expression. Basic knowledge of weaving and surface design helpful.

D. Contemporary Steel Smithing (5) VLPA

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)

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

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

203 Survey of Western Art—Modern (5) VLPA

Western art from 1520 to present.

205 Survey of Tribal Art (5) VLPA

Arts of Sub-Saharan Africa and Oceania from prehistoric times to the present and to the pre-Columbian arts of the Americas.

311 Chinese Art (5) VLPA

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.

337 African Art and Society (5) VLPA

Explores the ideas and notions expressed visually in sculpture, painting, ceramics, textiles and architecture, and describes their relationships to people and culture in Africa.

486 Abstract Expressionism: History and Myth (3) VLPA

Thematic and chronological survey of abstract expressionism, including major genres of critical interpretation, social and art historical context, and revisionist scholarship. Recommended: 381.

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 69, for information on the Chinese Language Program at Peking University.

Chinese (CHIN)

134 First-Year Intensive Chinese (15) VLPA

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) VLPA

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.

Course by special arrangement

Undergraduate Research

Hindi (HINDI)

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

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) VLPA

411 First-Year Intensive Bengali (15) VLPA

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

Japanese (JAPAN)

134 First-Year Intensive Japanese (15) VLPA

Equivalent of 111, 112, 113. 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, but recommended primarily for those going to Japan shortly upon completion. Students with prior background must take placement test.

234 Second-Year Intensive Japanese (15) VLPA

Equivalent of 211, 212, 213. 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.

311, 312, 313 Third-Year Japanese (5, 5, 5) VLPA

Further development of advanced skills in both spoken and written Japanese. Intensive preparation for traveling, studying or working in Japan. Completion of this course will satisfy requirements where JAPAN 313 is a prerequisite. Concurrent registration in 311, 312 and 313 required. Prerequisite: 213 or placement by examination.

Course by special arrangement

Undergraduate Research

Korean (KOR)

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

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)

C319 Physics/Astronomy Building, FM-20
Telephone: 543-2888

101 Astronomy (5) NW

Introduction to the universe, with emphasis on conceptual, as 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.

150 The Planets (5) NW

For liberal arts and beginning science students. Survey of the planets of the solar system, with emphasis on recent space exploration of the planets and on the comparative evolution of the Earth to the other planets.

581 Techniques in Optical Astronomy (5) NW

Theory and practice of obtaining optical data. Astronomical photoelectric photometers, spectrographs, interferometers, CCDs and infrared equipment. Data-reduction techniques with emphasis on statistical analysis using digital computers. Observations with MRO 30-inch telescope.

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) NW

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

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) NW

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.

201, 203 Introductory Biology (5,5) NW

Introduction to biology for students intending to take advanced courses and preprofessional programs. Emphasis on features common to all living things: molecular phenomena, cell structure, metabolism, energetics, genetic basis of inheritance in 201; plant structure and function, general ecology and evolution in 203. Prerequisites: CHEM 140, 150, 160; 201 for 202; 202 for 203.

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) NW

Plant classification and diversity of seed plants; field study and laboratory identification of the common plant families and the conspicuous flora of western and central Washington. Two full-day field trips.

331♦ Landscape Plant Recognition (3) NW

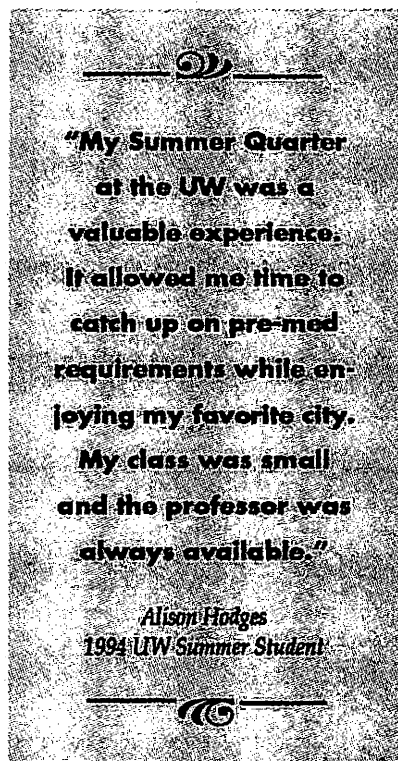
Field recognition of important groups of woody and herbaceous landscape plants, emphasizing diversity at the genus and family levels. Cultivated plant nomenclature. Plant descriptive characters evident in the field with eye and hand lens. Hardiness and landscape applications. Recommended: 113. Offered jointly with UHF 331.

458▲ Alpine Plant Ecology (5) NW

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. By permission of instructor only. Recommended: 10 credits in biological sciences.

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.

120 Introduction to General Chemistry (5) NW

One quarter introduction to chemistry with laboratory for students with little or no chemistry background. Atoms and molecules and their

chemical changes, including the impact of chemistry on everyday life. Can stand alone or be followed by 140, 203 or 220. Prerequisite: high school algebra or equivalent.

140 General Chemistry (4) NW, Q/SR

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

141 General Chemistry Laboratory (1) NW, Q/SR

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. Credit/no credit only.

150 General Chemistry (4) NW

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

151 General Chemistry Laboratory (1) NW

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. Credit/no credit only.

160 General Chemistry (4) NW

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) NW

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) NW

Research in chemistry. Prerequisites: chemistry grade point average above 3.00 and permission of chemistry advisor. Credit/no credit only.

220 General and Organic Chemistry (5) NW

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 220. Prerequisite: 120 or equivalent.

223♦ Organic Chemistry—Short Program (4) NW

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) NW

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) NW

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) NW

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) NW

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) NW

Introduction to organic laboratory techniques. Preparation of representative compounds. Designed to be taken with 224 or 238. Prerequisites: 155 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) NW

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) NW

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. Credit/no credit only.

321 Quantitative Analysis (5) NW

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

455 Physical Chemistry (3) NW

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) NW

Chemical thermodynamics. Laws of thermodynamics presented with applications to phase equilibria, chemical equilibria and solutions. 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) NW**591 Seminar in Inorganic Chemistry (1, max. 18) NW****592 Seminar in Analytical Chemistry (1, max. 18) NW****593 Seminar in Organic Chemistry (1, max. 18) NW****595 Seminar in Physical Chemistry (1, max. 18) NW****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
- 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) VLPA**

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. Credit/no credit only.

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

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. Credit/no credit only.

424 The Epic Tradition (5) VLPA

Ancient and medieval epic and heroic poetry of Europe in English: the *Iliad*, *Odyssey*, and *Aeneid*; the *Roland* or a medieval oral tradition; pre-Greek forerunners, other Greco-Roman literary epics, and later medieval and Renaissance developments and adaptations of the genre. Choice of reading material varies according to instructor's preference. Offered jointly with C LIT 424.

430 Greek and Roman Mythology (3) VLPA

Principal myths found in classical and later literature.

Greek (GRK)**101♦ 102▲ Elementary Greek (5,5) VLPA**

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

461 Early Greek Literature: Homer's Odyssey (3-5, max. 15) VLPA

Prerequisite: 307 or equivalent.

Courses by special arrangement

Supervised Study, Independent Study or Research

Latin (LAT)**101♦ 102▲ Elementary Latin (5,5) VLPA**

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

402 Medieval Latin Poetry (5) VLPA

Readings and discussion of medieval Latin poetry. Prerequisite: 307 or permission.

520 Seminar: Ennius' Annales (5, max. 45) VLPA

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 400-level courses open to both undergraduate and graduate students. General courses cover the history and development of communication and journalism, the process of communication, and mass communication and society.

The Phenomena of Communicating (CMU 202) is offered through the UW Evening Degree Program. See page 70 for details.

201 History and Development of Communication and Journalism (5) I&S

History and development of communication from prehistoric times; social and technical inventions; political and economic contexts.

203 Mass Communications and Society (5) I&S

Structure and functions of mass media communication systems; audiences and content; alternative structures; implications of new technologies.

320♦ Legal Aspects of Communications (5) I&S

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

328W News Laboratory (8) I&S

Consists of full-time work in school's King County News Laboratory, reporting for area's newspapers and radio stations, covering all county offices/services. Involves heavy writing schedule, deadlines, advanced reporting. Open only to majors. Prerequisites: 315, 322, 323, or 327 for editorial journalism majors; 350 or 356 for broadcast journalism majors; permission of instructor.

330 Principles of Public Relations (5) I&S

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.

339 Problems in Public Relations (5) I&S

Field experience in public relations. Design of public relations campaign for local non-profit organizations and design and writing of

printed public relations tools. Emphasis on individual performance. Should be taken prior to public relations internships. Prerequisites: 300, 315 and 330.

341W Beginning Advertising Copy and Layout (5) I&S

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

345 Advertising Campaigns (5) I&S

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

349 Advertising Internship (2-5, max. 6) I&S

Internships are assigned to qualified students through the cooperation of the industry working with the school. Open only to majors. Does not apply to required 50 credits in communications. Prerequisites: 341 or 344, depending on nature of internship; 120 credits completed. Credit/no credit only.

354 Basic Visual Communication (3) I&S

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) I&S

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

367 Broadcast Internship (2-5, max. 6) I&S

Experience in the day-to-day operation of a broadcast station. Internship credit may not be applied to fulfill specific course requirements or to 45-credit requirement for a communications major. For majors only. Prerequisites: 315, 320, 350, and courses determined by faculty coordinator. Credit/no credit only.

405 Mass Communications Research (5) I&S

Sample surveys, content analysis or experimental techniques, depending upon interests of class and instructor. Recommended: relevant courses in the social sciences.

419 Government and Mass Communications (5) I&S

The Anglo-American concept of freedom of communication; its evolution under the federal and state constitutions. Tension areas, judicial decisions, statutes, and administrative regulations affecting publishing, broadcasting. Individual research project.

423♦ Journalism Ethics (5) I&S

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

424♦ The Intellectual Foundations of American Journalism (5) I&S

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) I&S

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) I&S

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) I&S

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 LT)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) VLPA, 1&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. Offered jointly with SCAND 230.

240 Writing in Comparative Literature (5) C

Comparative approach to literature and a workshop in writing comparative papers in English. Emphasis on cross-cultural comparison of literary works. Readings in English with an option to read selected texts in the original languages.

330♦ The European Fairy Tale (5) VLPA

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) VLPA

The film as an art form, with particular reference to 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. Offered jointly with ENGL 345.

421 Studies in Connections: Literature and Other Disciplines (5, max. 15)

A. Shakespeare and Opera (5) VLPA

Reading plays by Shakespeare and listening to operas drawn from them. Considers the relationship between the original text, librettist and composer, and what language and music each can do dramatically. Meets with ENGL 363.

422 Studies in Genre: The Novel (5) VLPA

This course will first examine characteristic features of the novel by comparing the novel to other major genres. Students will then concentrate on novels by two authors: William Faulkner and Fyodor Dostoevsky. Our texts: Fyodor Dostoevsky, *The Eternal Husband*; *The Idiot*; William Faulkner, *As I Lay Dying*; *Light in August*.

424 The Epic Tradition (5) VLPA

Ancient and medieval epic and heroic poetry of Europe in English: the *Iliad*, *Odyssey* and *Aeneid*; the *Roland* or comparable work from the medieval oral tradition; pre-Greek forerunners, other Greco-Roman literary epics, and later medieval and Renaissance developments and adaptations of the genre. Choice of reading material varies. Literary background recommended. Offered jointly with CLAS 424.

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

A. Law and Literature (3) VLPA

An examination of the interaction between law and literature. Students will explore the way literary portrayals of legal issues, lawyers and the legal system differ from or resemble "traditional" legal texts and consider the influence that literature and literary techniques may have upon judges, lawyers and the practice of law. Open to law and non-law students. Meets with LAW 477.

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 56.

Dance (DANCE)

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

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

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

110♦ 111▲ Jazz Technique I (2, max. 4) VLPA

Introduction to jazz technique. No prerequisites.

201♦ Ballet Technique II (*, max. 8) VLPA

Offered for three credits. Intermediate. Expansion of ballet vocabulary. Prerequisites: 109 or permission of the instructor.

202▲ Ballet Technique II (*, max. 8) VLPA

Offered for two credits. Intermediate. Expansion of ballet vocabulary. Prerequisites: 109 or permission of instructor.

204♦ Modern Dance Technique II (*, max. 8) VLPA

Offered for two credits. Intermediate. Expansion of movement vocabulary. Prerequisites: 106 or permission of instructor.

490♦ Special Studies in Dance (1-3, max. 10) VLPA

A. Caribbean (2)

Explores African-derived dances of the Caribbean region. Intermediate. One year movement experience required.

Course by special arrangement

Independent Study or Research

Drama (DRAMA)

101 Hutchinson Hall, DX-20
Telephone: 543-5140
e-mail: UWDRAMA@u.washington.edu

101 Introduction to the Theatre (5) VLPA

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.

201 Dramatic Action (5) VLPA

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.

302W Play Analysis (5) VLPA

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.

454♦ Projects in Acting (3) VLPA

A. In the Light of Action: The Legacy of Stanislavski (3)

Student actors explore, in practice, script analysis for the actor, the use of "objectives," where to put one's focus, accessing one's subconscious, using the five senses, unmasking, creating intimacy in a scene, trusting impulses and achieving clarity of purpose. Course is designed to help the actor achieve reliable, productive and imaginative means with which to rehearse and perform a role. Prerequisite: entry code. Submit a performance résumé to the School of Drama to provide background information for the decision regarding admission to the course.

475♦ Modern English Theatre and Drama (5) VLPA

Major trends in contemporary English theatre, post-World War II to the present. Performers, dramatists and designers who shaped the course of the theatre following the "angry young rebellion" of the 1950s. Prerequisite: 302 and 371.

490♦ Special Studies in Acting-Directing (1-6) VLPA

A. Beginning Tap Dance (2)

Basic tap dancing techniques for beginners. Includes waltz, clog, buck and rhythm, soft shoe. Tap shoes required. Credit/no credit only.

491◆ Special Studies in Design-Technical (1-6) VLPA**A. Intensive Stage Lighting Design Workshop (5)**

June 19-25, 9 a.m.-4 p.m. Seattle Lighting Designer Patty Mathieu explores all aspects of stage lighting from basic electrical know-how to design. Includes hands-on work, guest lectures and field trips to area theatres for shows and facility tours. Students should plan to purchase theatre tickets to two productions as well as the required text.

494◆ Special Studies in Theatre and Drama (5, max. 20) VLPA**A. The Internet and Mosaic: Tools for Learning (5)**

The Internet, with its wealth of educational resources, has become available to many schools throughout Washington. Mosaic is a tool which makes browsing the Internet easy, even for those with no computing experience. It provides a doorway to Internet resources. The course explores the theory behind linking information to create educational materials (hypertext and hypermedia) and the techniques of creating Mosaic documents for use in education. No computing experience is required. This course cannot be used to satisfy the Group III requirement of the B.A. in drama.

495◆ Practicum in Design and Technical Theatre (2-6, max. 15) VLPA**A. Aspects of Stage Costume Production (3)**

Exploration of costume production problems with emphasis on practical, low cost solutions. Topics include: creating period shape, exploring local and regional resources, accessories, millinery.

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) I&S, Q/SR

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

201 Introduction to Macroeconomics (5) I&S, Q/SR

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

300 Intermediate Microeconomics (5)

Analysis of decisions by individuals and by firms and of outcomes in factor and product markets. Prerequisites: 200 and MATH 112 or 124 or equivalent.

301 Intermediate Macroeconomics (5) I&S

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) NW

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 111 or 120.

404◆ Industrial Organization and Price Analysis (5) I&S

Analysis of firm behavior in imperfectly competitive markets. Topics include monopoly, oligopoly, product 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) I&S

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) I&S

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 Economics (5) I&S

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.

450◆ Public Finance: Expenditure Policy (5) I&S

Application of normative microeconomic theory to analysis of government expenditures. Rationale for government economic activity, collective choice, public goods and externalities, income redistribution, public sector pricing and specific expenditure programs. Prerequisite: 300.

Continued on the next page

IN THE LIGHT OF ACTION: THE LEGACY OF STANISLAVSKI

• June 19-July 19
(a term)

DRAMA 454A, 3 credits

Student actors explore, in practice, script analysis for the actor, the use of "objectives," where to put one's focus, accessing one's subconscious, using the five senses, unmasking, creating intimacy in a scene, trusting impulses and achieving clarity of purpose. Course is designed to help the actor achieve reliable, productive and imaginative means with which to rehearse and perform a role. Prerequisite: entry code. Submit a performance resume to the School of Drama to provide background information for the decision regarding admission to the course.

460W Economic History of Europe (5) I&S

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

471♦ International Trade (5) I&S

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.

Shakespeare After 1603 (ENGL 324) and *American Literature: The Early Modern Period* (ENGL 354) are offered through the UW Evening Degree Program. See page 70 for details.

104 Introductory Composition (5-5) C

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) C

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

121 Composition: Social Issues (5) C

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) C

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

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

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 475A

Concurrent registration in ENGL 475A required.

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

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) VLPA

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.

211♦ Medieval and Renaissance Literature (5) VLPA

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 18th century.

212 Literature of the Enlightenment and Revolution (5) VLPA

Introduction to 18th and 19th century literature from a broadly cultural point of view, focusing on representative works that illustrate literary and intellectual developments of the period.

213 Modern and Postmodern Literature (5) VLPA

Introduction to 20th century literature from a broadly cultural point of view, focusing on representative works that illustrate literary and intellectual developments since 1900.

225♦ Shakespeare (5) VLPA

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

228 English Literary Culture: To 1600 (5) VLPA

British literature from Middle Ages to end of 16th century. Study of literature in its cultural context, with attention to changes in language, form, content and style.

229 English Literary Culture: 1600-1800 (5) VLPA

British literature in 17th and 18th centuries. Study of literature in its cultural context, with attention to changes in form, content and style.

230▲ English Literary Culture: After 1800 (5) VLPA

British literature in 19th and 20th centuries. Study of literature in its cultural context, with attention to changes in form, content and style.

242W Reading Fiction (5) VLPA

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

250♦ Introduction to American Literature (5) VLPA

Survey of major writers, modes and themes in American literature from their 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.

281 Intermediate Expository Writing (5) C

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

283 Beginning Verse Writing (5) VLPA

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

284 Beginning Short Story Writing (5) VLPA

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

311 Modern Jewish Literature in Translation (5) VLPA

Survey of Jewish experience and its expression during the past hundred years. Includes selected writings from Yiddish literature (Sholom Aleichem, Perrets, I.B. Singer), European literature (Kafka, Babel, Wiesel), American literature (Bellow, Roth, Malamud, Ozik) and Israeli literature (Agnon, Appelfield, Amichai).

321♦ Chaucer (5) VLPA

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

323♦ Shakespeare to 1603 (5) VLPA

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

326 Milton (5) VLPA

Milton's early poems and the prose; *Paradise Lost*, *Paradise Regained* and *Samson Agonistes*, with attention to the religious, intellectual and literary contexts.

333♦ English Novel: Early and Middle 19th Century (5) VLPA

Studies in the novel in one of its classic phases. Authors include Austen, the Brontës, Dickens and Thackeray.

334 English Novel: Later 19th Century (5) VLPA

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.

337♦ The Modern Novel (5) VLPA

The novel on both sides of the Atlantic in the first half of the 20th century. Includes such writers as Joyce, Woolf, Lawrence, Stein, Hemingway, Faulkner and others.

340♦ Modern Anglo-Irish Literature (5) VLPA

Principal writers in English of the modern Irish literary movement—Yeats, Joyce, Synge, Gregory and O'Casey among them—with attention to traditions of Irish culture and history.

345 Studies in Film (5) VLPA

Types, techniques and issues explored by filmmakers. Emphasis on narrative, image and point of view. Meets with C LIT 357.

352 American Literature: The Early Nation (5) VLPA

Conflicting visions of the national destiny and the individual identity in the early years of America's nationhood. Works by Emerson, Thoreau, Hawthorne, Melville and such other writers as Poe, Cooper, Irving, Whitman, Dickinson and Douglass.

355 American Literature: Contemporary America (5) VLPA

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

358▲ Literature of Black Americans (5) VLPA

Selected writings, novels, short stories, plays, poems by Afro-American writers. Study of the historical and cultural context within which they evolved. Differences between Afro-American writers and writers of the European-American tradition. Emphasis varies. Offered jointly with AFRAM 358.

363 Literature and the Other Arts and Disciplines (5, max. 10) VLPA**A. Shakespeare and Opera (5)**

Reading plays by Shakespeare and listening to operas drawn from them. Considers the relation-

ship between the original text, librettist and composer, and what language and music each can do dramatically. Meets with C LIT 421.

370 English Language Study (5) VLPA

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.

381 Advanced Expository Writing (5) VLPA

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

383 Intermediate Verse Writing (5, max. 10) VLPA

Intensive workshop study of the ways and means of making a poem. Further development of fundamental skills. Emphasis on revision. Meets with 483. Prerequisite: 283 or equivalent; entry code (B25 Padelford; 543-9865).

384 Intermediate Short Story Writing (5) VLPA

Exploring and developing continuity in the elements of fiction writing. Methods of extending and sustaining plot, setting, character, point of view and tone. Prerequisite: 284; entry code (B25 Padelford, 543-9865).

471 The Composition Process (5) VLPA

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

475 Colloquium in English for Teachers (5, max. 10) VLPA
A. Seattle Tutoring Center Writing Link (5)

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

483 Advanced Verse Writing (5, max. 15) VLPA

Intensive workshop study of the ways and means of making a poem. Meets with ENGL 383. Prerequisite: 383; entry code (B25 Padelford, 543-9865).

485 Novel Writing (5, max. 15) VLPA

Experience in planning, writing and revising a work of long fiction, whether from the outset, in progress, or in already completed draft. Recommended: 483 or equivalent. Prerequisite: entry code (B25 Padelford, 543-9865).

Continued on the next page

**PUGET SOUND
WRITING
PROJECT
INSTITUTE**

*Making a
Difference
in How
Students Write*

Affiliated with the National Writing Project, the Puget Sound Writing Project 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
- Take a four-credit, six-Saturday follow-up workshop during the 1995-96 school year

Instructors: Holly Stein, PSWP director and teacher, Eastside Catholic High School; and Jack Brenner, associate professor, English.

Schedule and fee: ENGL 446TA, 8 credits, Mondays-Fridays, 8:30 a.m.-3 p.m., July 10-Aug. 4, \$800 plus a \$15 registration fee. Instructor permission required.

Application: The application deadline for this program is May 1. For a brochure and application, call (206) 543-2320 or 1-800-543-2320. Students do not need to apply to UW Summer Quarter and should not complete the application form on the inside back cover of this bulletin.

498W Senior Seminar (5) VLPA

Seminar study of special topics in language and literary study. Limited to seniors majoring in English. This summer's seminar will focus on novels and poetry by Anthony Trollope, Jane Austen, Thomas Hardy and Evelyn Waugh.

562 Discourse Analysis (5) VLPA

Prerequisite: entry code (A105 Padelford, 543-6077)

Courses by special arrangement

Major Conference, Advanced Expository Writing Conference, Advanced Creative Writing Conference, Directed Readings, Independent Study or Research, Internship, Graduate Writing Conference, Master of Arts Essay, Masters of Arts for Teachers Essay, 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 \$318 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: \$318.

B. Speaking and Listening

Listening for increased efficiency in academic lecture comprehension, note taking, oral summarizing, recognition of idioms. Fee: \$318.

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: \$318.

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: \$318.

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: \$318.

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.)

General Studies (GEN 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) NW

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 general education requirements and core courses for geography majors and nonmajors. *Geography of International Trade* (GEOG 349) is offered this summer through the Evening Degree Program. See page 70 for details.

100 Introduction to Geography (5) I&S

Introduction to the study of human geography and the major themes of the discipline. Topics include: human-environment interactions, migration and human mobility, patterns of health and nutrition, industrialization and urbanization, and the geography of culture and politics.

102 World Regions (5) I&S

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) NW

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. Offered jointly with ENV S 203.

277♦ Geography of Cities (5) I&S

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.

304 Western Europe (5) I&S

Physical and socioeconomic characteristics of western Europe. Contemporary political and economic integration trends in their regional context.

326 Introduction to Geographic Research (5) I&S

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.

336 China (5) I&S

China's environmental and historical settings. Human response to varied geographical conditions. Pattern and process of development in agriculture, industry and urbanization.

360 Principles of Cartography (5) I&S

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.*

448A Geography of Transportation (5) I&S

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

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) NW

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.*

306A Evolution of the Earth (5) NW

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) NW

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) NW

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) NW

Geologic mapping in diverse areas in the western United States (near Dillon in southwestern Montana). Development of skills in geologic mapping, field interpretation and report writing. Students are responsible for their own living expenses while in the field for six weeks. Prerequisites: 321, 340 and entry code. Recommended: 306, 311.

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) NW**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. Students must submit an application to take this course. Although the application deadline was April 21, 1995, spaces may still be available. Please call 543-1943 for more information.

Course by special arrangement

Independent Study or Research

GEOLOGY OF THE PACIFIC NORTHWEST:

A lecture and field trip course

GEOL 308, 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.

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 497 and 498.

100 Intensive First-Year German (15) VLPA

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

101 First-Year German (5) VLPA

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

103 First-Year German (5) VLPA

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) VLPA

Intensive. Special beginning course devoted exclusively to the reading objective. For graduate and undergraduate students. Credit/no credit only.

200 Intensive Second-Year German (15) VLPA

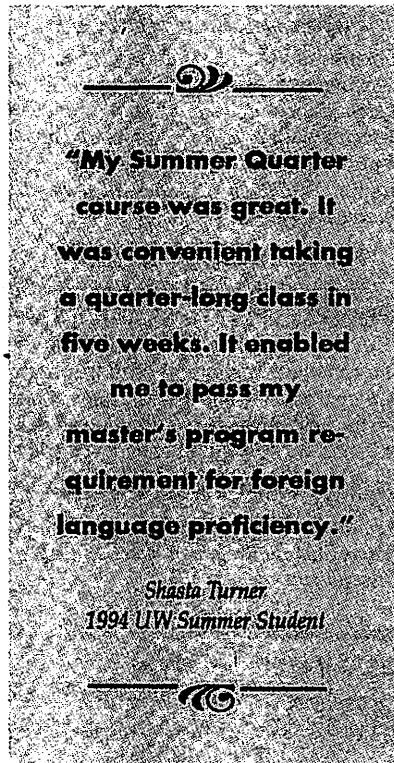
Accelerated second-year German. Systematic review of German grammar. Intensive practice in conversation, reading and writing. Prerequisite: 103 or equivalent.

390♦ Germanic Studies in English (1-6, max. 15) VLPA

A. *Intentional Phallacy: The Construction of Gender in Literary Texts of the Modern German Tradition* (5)

This course attempts a historical reading of the delineation of gender in modern German literature beginning with the late 18th century through

the 20th century. Examination of the crystallization and shifting of conceptions of the "masculine" and the "feminine," with a concentration on the German Enlightenment, the fin de siècle and the postwar period. Works by G.E. Lessing, Hugo von Hoffmannsthal, Arthur Schnitzler, Ingeborg Bachmann, Botho Strauss and others, analyzing the shifts and/or continuities in the representation of gendered subjects. In addition, a small number of theoretical works will provide a framework for our discussion. Requirements: participation in class discussion, two short papers and a collaborative project.



497▲ Studies in German Literature (1-6, max. 15) VLPA

A. *Thomas Mann and Mythology* (5)

In the work on his tetralogy *Joseph und seine Brüder*, Mann developed a conception of myth, history and individual experience based on extensive readings in history of religion and mythology. This conception also developed out of his early preoccupation with myth and historical recurrence ("Der Tod in Venedig," "Walsungenblut"). The primary texts for this course are the first two sections of the Joseph novels, *Die Geschichten Jakobs* and *Der junge Joseph*. Open to graduate and advanced undergraduate students.

498♦ Studies in the German Language (1-6, max. 15) VLPA

A. *Survey of the Germanic Languages* (5)

An overview of the Germanic languages, where they are first attested and what their modern descendants are. Consideration of the major phonological and grammatical developments from Indo-European to the earliest attested Germanic languages: Gothic, Old Norse, Old English, Old Frisian, Old Saxon and Old High German. 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 *World History, 1750-present* at the 100-level, and *Survey of the History of the United States*, *Modern Indian Civilization* and *History of Southeast Asia* at the 200-level. At the 300-level, *Social History of American Women*, *War and Society*, *Modern American Civilization from 1877*, and *Medieval Women* will be offered.

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*, *Economic History of the United States*, *History of the Caribbean and Central America* and *Classical Greece* are scheduled. The history department will also teach four European history courses: *The French Revolution and Napoleon: 1789-1815*, *Eastern Europe Since 1918*, *Baltic History* and *Modern Irish History*.

In addition to these courses, *History of Modern China* (HSTAS 454) and *Cultural History of Renaissance Europe* (HSTEU 304) will be offered through the UW Evening Degree Program. See page 70 for details.

General History (HST)

112 The Medieval World (5) I&S

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) I&S

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

193 World History, 1750-present (5) I&S

Covering the modern period of main civilizations of the world, this course focuses on the development of principal ideas and institutions of each culture as it interacted with its neighbors. The main theme is the rise of the West in creating the "modern" world, and impact of western dynamic growth on non-Western peoples. Emphasizes ways in which principal institutions of world cultures have changed as they struggle to adapt to the modern world (or chose not to). Begins with the French Revolution on the eve of the transforming impact of the Industrial Revolution and ends in the recent past.

345 War and Society (5) I&S

Analysis of the techniques of war from the Renaissance to the present with consideration of the social, political and economic consequences of war in the Western world.

449A Issues in Comparative Labor History (5) I&S

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 underdeveloped countries.

481 Economic History of Europe (5) I&S

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

498W Colloquium in History (3-5, max. 15) I&S

A. Selected Topics in Seattle's History (*)

Members of this colloquium will first engage in some common reading into the history of Seattle

and the urban history of the United States. Then each member will research a particular topic in the political, social or architectural history of the city. Heavy emphasis will be placed on research in primary sources and the production of a highly finished paper (approximately 18 pages in length) by the end of the quarter. Members of the class will be expected to have ample time available to research in the collections of the University libraries and some other local repositories (e.g., the Museum of History and Industry).

B. 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.

C. Patriot Games (*)

Readings and discussions will emphasize competing claims to represent or incarnate "Frenchness" notably, but not exclusively, during times of war. Examine secular and religious visions of French identity from the 19th century and consider how these blended or clashed before and during the 1914-1918 conflict.

Courses by special arrangement

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

History of the Americas (HSTAA)

201 Survey of the History of the United States (5) I&S

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.

303 Modern American Civilization from 1877 (5) I&S

Emergence of modern America after the Civil War; interrelationships of economic, social, political and intellectual developments.

373 Social History of American Women (5) I&S

A multiracial, multicultural study of women in the U.S. from the 16th 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 19th and 20th centuries. Use of primary materials such as diaries, letters, speeches and artifacts. Offered

jointly with WOMEN 383. Prerequisite: 210 or WOMEN 200 or 283, or permission of instructor.

411 The United States During the Era of Civil War and Reconstruction (5) I&S

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) I&S

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

445 Economic History of the United States (5) I&S

Growth and development of the United States economy from the colonial period to the present. Follows the course of economic change, examines contemporary reactions, and analyzes implications for American society and politics.

488 History of the Caribbean and Central America (5) I&S

Political, social and economic history of principal countries in the Caribbean and Central America from their discovery to the present.

Ancient and Medieval History (HSTAM)

340 Medieval Women (5) I&S

The experiences of women in medieval society; public and private power, changing concepts of family and the domestic sphere, ideal and reality in courtly love, women in religious life, women in the workplace, the *querelle des femmes* and the beginnings of "feminist" thought.

402 Classical Greece (5) I&S

The classical civilization of ancient Greece, with special emphasis on the legacy of Greece to Western civilization.

History of Asia (HSTAS)

202A Modern Indian Civilization (5) I&S

The Islamic impact, British conquest and contemporary India. Emphasis on the rise of nationalism, social organization and contemporary life and history.

221A History of Southeast Asia (5) I&S

Surveys Southeast Asian civilizations at the outset of Western colonial rule; the colonial impact on the traditional societies of Burma, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia and the Philippines; 19th and 20th century nationalist and revolutionary movements; emergence of Southeast Asia as a region in the modern world. Offered jointly with SISSE 221.

Modern European History (HSTEU)

422▲ The French Revolution and Napoleon: 1789-1815 (5) I&S

Transformation of France under the Revolution of 1789; the Reign of Terror and Napoleon; the impact of the revolution and Napoleon upon Europe.

452◆ Eastern Europe Since 1918 (5) I&S

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) I&S

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.

476◆ Modern Irish History (5) I&S

Political and social history from 1800 to the present; the Irish Question after the Act of Union; development of Irish nationalism in the Home Rule and Sinn Fein periods; the Irish Free State and Northern Ireland since 1921; current problems in Northern Ireland.

The Henry M. Jackson School of International Studies

111 Thompson Hall, Box 353650
Telephone: 543-4370

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

- African Studies
- Canadian Studies
- China Studies
- Comparative Religion
- International Studies
- Japan Studies
- Jewish Studies
- Korea Studies
- Latin American Studies
- Middle Eastern Studies
- Russian, East European and Central Asian Studies
- South Asian Studies
- Southeast Asian Studies

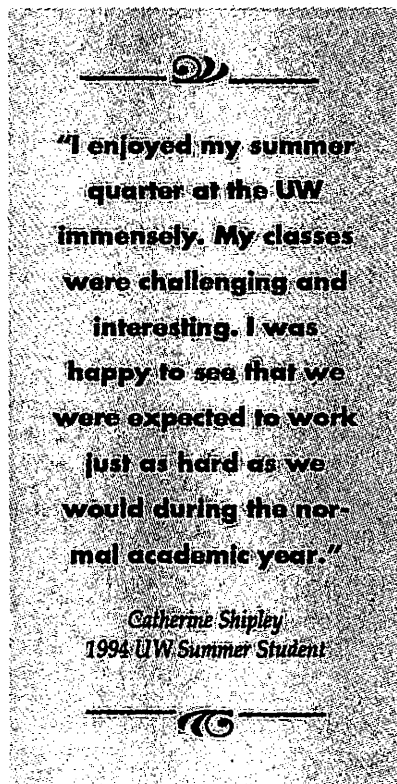
In addition to the courses listed, students may register for independent study courses (499, 600, or 700) in such other interdisciplinary regional and topical programs of the School as African Studies, East Asian Studies, International Studies, Jewish Studies, Latin American Studies, Middle Eastern Studies, 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)

Course by special arrangement

Undergraduate Research

China 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) I&S, VLPA

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.

pel, 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) I&S, VLPA

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. Offered jointly with NEAR E 240.

324 The Emergence of Christianity (5) I&S

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 Christian 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) I&S

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) I&S

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.

426▲ World Politics (5) I&S

Nation-state system and its alternatives; world distributions of preferences and power; structures of international authority; historical world societies and their politics. Offered jointly with POL S 426.

444◆ Peasants in Politics (5) I&S

Interdisciplinary study of peasants, with special attention to questions of rural transformation. Peasant involvement in an increasingly independent world. Rebellion and revolution, impact of the international market, agricultural development. Offered jointly with POL S 446.

450◆ Political Economy of Women and Family in the Third World (5) I&S

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. Offered jointly with SOC 450.

498 Readings in International Studies (5) I&S

Reading and discussion of selected works of major importance in interdisciplinary international studies. Restricted to majors in International Studies. Prerequisite: entry code (Thomson 111).

Courses by special arrangement

Undergraduate Research, Independent Study or Research

Japan Studies (SISEA)

Courses by special arrangement

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

Jewish Studies (SISJE)

Course by special arrangement

Undergraduate Research

Korea Studies (SISEA)

Courses by special arrangement

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

Latin American Studies (SISLA)

490 Special Topics (1-5; max. 15) I&S

Courses by special arrangement

Undergraduate Research, Senior Thesis

Middle Eastern Studies (SISME)

Courses by special arrangement

Independent Study or Research, Master's Thesis

Russian, East European and Central Asian Studies (SISRE)

405▲ Peoples of Russia (5) I&S

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. Offered jointly with ANTH 405. Prerequisite: ANTH 202 or permission of instructor.

445▲ Politics and Society of Eastern Europe (5)

Political and social issues in lands east of the Elbe, treating some historical problems but focusing particularly on developments since 1945. Includes all communist states of Eastern Europe and their successors. Prerequisite: one previous course in European politics or history. Offered jointly with POL S 445.

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)

221▲ History of Southeast Asia (5) I&S

Surveys Southeast Asian civilizations at the outset of Western colonial rule; the colonial impact on the traditional societies of Burma, Thailand, Cambodia, Laos, Vietnam, Malaysia, Indonesia, and the Philippines; 19th- and 20th-century nationalist and revolutionary movements; emergence of Southeast Asia as a region in the modern world. Joint with HSTAS 221.

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) VLPA, I&S, Q/SR

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) VLPA, I&S

Linguistic methods, theories used within anthropology. Descriptive and theoretical linguistics compared; historical linguistics, comparative method; socio-linguistics; language, culture; hu-

man language and animal communication compared; survey of history of anthropological linguistics in North America. Offered jointly with ANTH 203. Not open for credit to students who have taken 200, 201, or 400.

347 Psychology of Language I (5) VLPA, I&S

Introduction to the study of language, including language structure, speech perception, language acquisition, psychological processes underlying comprehension and production of language, the relation between brain and language and the question of the species-specificity of human language. Prerequisites 101 or 102 or LING 200 or 201. Joint with PSYCH 347.

400◆ Survey of Linguistic Method and Theory (4) VLPA, Q/SR

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) VLPA

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

451◆ 452▲ Phonology I, II (4,4) VLPA, I&S

Speech sounds, mechanism of their production and structuring of sounds in languages; generative view of phonology; autosegmental and metrical phonology. Offered jointly with ANTH 451◆, 452▲. Prerequisite: 200 or 400, either of which may be taken concurrently.

461▲ Syntax I (4) VLPA, I&S

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

531◆ Problems in Romance Linguistics (2-5, max. 15)

Group seminar, or individual conferences are scheduled under this number to meet special needs. Prerequisite: permission of graduate program coordinator. Joint with ROM 531.

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 *Geometry for Teachers* (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 Undergraduate Advising Center, 9 Communications, and Mathematics Advising, C36 Padelford.

111 Algebra with Applications (5) NW, Q/SR

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) NW, Q/SR

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) NW

Polynomial, rational, exponential and trigonometric functions. For students needing preparation for 124; not advised for students who will not take 124. Does not satisfy natural science distribution or Q/SR proficiency requirement. Prerequisites: two years high school algebra and placement test or equivalent.

124 Calculus with Analytic Geometry I (5) NW, Q/SR

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, or 2.5 or better in 120, or equivalent.

125 Calculus with Analytic Geometry II (5) NW

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) NW

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

170 Mathematics for Elementary School Teachers (3) NW

Basic concepts of numbers and operations (170) and of geometry (171). Emphasizes problem solving, communication of mathematical ideas, and analysis of sources of difficulty in learning/teaching these concepts. Credit may not apply toward a mathematics major. 170 required for elementary education students. Credit/no credit only. Prerequisites: three years of high school math.

205 Elementary Linear Algebra (3) NW

Systems of equations, vector spaces, matrices, linear transformations, characteristic vectors. Not open for credit to students who have taken 308. Prerequisite: 124 or 112.

301 Elementary Number Theory (3) NW

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

307 Differential Equations (3) NW

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

308 Linear Algebra (3) NW

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

309 Linear Analysis (3) NW

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) NW

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

325 Advanced Calculus II (3) NW

Sequences, series (tests, absolute convergence, uniform convergence), power series and real analytic functions. Prerequisites: 126, 307 and 324.

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

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. Offered jointly with STAT 390. Students may not receive credit for both 390 and STAT 481. Prerequisites: 307 or 324, and 205 or 308.

394♦ Probability I (3) NW

Sample spaces; basic axioms of probability; combinatorial probability; conditional probability and independence; binomial, Poisson and normal distribution. Offered jointly with STAT 394♦. Prerequisite: 324.

395▲ Probability II (3) NW

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

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

Intensive. Algebraic systems; elementary theory of groups, rings and fields; polynomials; topics in linear algebra; reductions of forms. Prerequisites: 308 or 136 for 402; 402 for 403.

407 Linear Optimization (3) NW

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) NW

Basic concepts of abstract algebra with an emphasis on problem solving, constructing proofs and communication of mathematical ideas. Designed for teaching majors; not open for credit to students who have taken 402, 403. Prerequisites: 205 or 308 for 411; 411 for 412. May count only toward the B.A. degree in mathematics.

420 History of Mathematics (3) NW

Survey of the development of mathematics from its earliest beginnings through the first half of the 20th century. Prerequisite: 402 or 411. (May be taken concurrently.)

427 Topics in Applied Analysis (3) NW

Some elementary functions of a complex variable, Cauchy integral formula and applications, Taylor and Laurent series, conformal mapping. Prerequisite: 325.

428♦ Topics in Applied Analysis (3) NW

Intensive. Fourier Series, orthogonal functions and boundary value problems. Prerequisites: 309, and either 325 or 336.

429▲ Topics in Applied Analysis (3) NW

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, 445 Geometry for Teachers (3,3) NW

Concepts of geometry for multiple approaches: discovery, formal and informal reasoning, transformations, coordinates, exploration using computers and models. Topics selected from Euclidean plane and space geometry, spherical geometry, non-Euclidean geometries, fractal geometry. Designed for teaching majors. Prerequisites: 126 or 136, 205 or 308 for 444; 444 for 445.

487 Advanced Mathematics Computer Lab (2) NW

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: concurrent enrollment in MATH 444 and 445. Credit/no credit only.

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

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

510 Seminar in Algebra (2) NW

Prerequisite: permission of graduate program coordinator. Credit/no credit only.

530 Seminar in Analysis (2) NW

Prerequisite: permission of graduate program coordinator. Credit/no credit only.

550 Seminar in Geometry (2) NW

Prerequisite: permission of graduate program coordinator. Credit/no credit only.

570 Seminar in Topology (2) NW

Prerequisite: permission of graduate program coordinator. Credit/no credit only.

590 Seminar in Probability (2) NW

Prerequisite: permission of instructor. Credit/no credit only.

Courses by special arrangement

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

Microbiology (MICROM)

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) NW

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) NW

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) NW

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. Credit/no credit only.

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

Introduction to research areas of the faculty and the techniques employed in their investigations. Prerequisite: graduate standing in microbiology. Credit/no credit only.

555 Advanced Clinical Microbiology (2.5) NW

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. Credit/no credit 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. Credit/no credit 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 follows:

- Courses Primarily for Nonmajors
- Short Workshops 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 specified before the course description.

Of special interest to the general student are the courses for nonmajors, which as a group, present a wide spectrum of musical experiences, and the band, orchestral and choral ensemble groups.

Of particular interest to the music educator are the MUSED 496 courses (Special Topics in Music Education), many of which are special one-, two- or three-week workshops.

Community members are encouraged to participate in Summer Band Program (MUSEN 302/502) under the direction of Tim Salzman, the University Chorale (MUSEN 350/550) under the direction of Joan Conlon, and the University Orchestra (MUSEN 300/500) under the direction of Timothy Schwartz. Interested persons should contact the conductor or Music Advising Office.

Courses Primarily for Nonmajors Music (MUSIC)**116♦▲ Elementary Music Theory I (2) VLPA**

For those with no hands-on music experience. Rudiments of music; notation of time, pitch, small structures (e.g. some scales, chords, rhythmic patterns), some analysis. *David Kappy.*

120♦ Survey of Music (5) VLPA

Studies in listening with emphasis on the changing components of Western art music. *JoAnn Taricani.*

162 American Popular Song (5) VLPA

Historical, social and stylistic study of popular idioms from the late 19th century to the present. Most attention to contemporary idioms. Influences of music industry on taste and style.

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 period 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.

317 Music Cultures of the World (5) VLPA, I&S

Music of sub-Saharan Africa, Americas and Oceania. *Ter Ellingson.*

331 History of Jazz (3) VLPA

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. *Tom Collier.*

Short Workshops Primarily for Music Educators and Majors Applied Music (MUSAP)

220 MIDI Techniques (2) VLPA

June 19-29 Overview of MIDI (Musical Instrumental Digital Interface) technologies in the school environment. *Tom Collier.*

221 Secondary MIDI Techniques (2) VLPA

July 3-13 A follow-up to MUSAP 220, this course will explore further applications in the use of MIDI technology in the school environment. Focus is on editing and performance techniques involving a complex MIDI workstation. Primarily for music education majors. Prerequisite: MUSAP 220. *Tom Collier.*

Music Education (MUSED)

401 Tin Pan Alley: Concepts and Teaching Strategies for Music Educators (1) VLPA

June 19-24 Overview of Tin Pan Alley phenomenon that dominated the American popular music industry for nearly 70 years. For music educators. Focuses on cooperative learning strategies and performance considerations in the school environment. Recommended: MUSIC 162.

402 Rock and Roll Roots for Music Educators (1) VLPA

June 19-24 Overview of the musical and cultural roots of American Rock & Roll for music educators. Explores teaching strategies and performance possibilities in the school environment. Recommended: MUSIC 162.

405 Marching Band Techniques (2) VLPA

June 19-July 6 Basics of marching and maneuvering discussed and used to write drill. Covers selection of music, use of marching procession and show design. Students complete a drill for their own band or for an instrumentation determined by the instructor. *Timothy Salzman.*

410 Instrumental Rehearsal Techniques (3) VLPA

June 19-July 6 Includes score preparation, rehearsal formats and error detection. Prerequisite: basic conducting skills. *Timothy Salzman.*

431 Curriculum in Music Education (3) VLPA

July 10-28 Principles and practices of curriculum design applied to the development of the music curriculum. Individual or group work on elementary and secondary school music curriculum projects. Prerequisite: music teaching, student teaching or permission of instructor. *Rita Klingler.*

475 Teaching the Music of Selected Cultures (1, max. 6)

A. Southeast Asia (1) VLPA

June 19-22 Music and culture of Southeast Asia with particular attention to songs, stories and instrumental pieces applicable to the teaching of music and the arts in elementary and secondary schools. *Patricia Campbell.*

B. Native Americans I (1) VLPA

July 24-27 Music and culture of Native Americans with particular attention to songs, stories and instrumental pieces applicable to the teaching of music and the arts in elementary and secondary schools. *Bryan Burton, West Chester University of Pennsylvania.*

C. Native Americans II (1)

July 24-27 Extended experiences and more detailed analysis of Native American cultures. *Bryan Burton, West Chester University of Pennsylvania.*

496 Special Topics in Music Education (1-3, max. 10) VLPA

A. Teaching Music Through Folk Dance (1)

June 19-22 Musical approaches to movement and dance in traditional cultures. *Patricia Campbell.*

B. Music for Classroom Teachers (3)

June 19-July 19 A course in basic music skills and pedagogy for elementary classroom teachers. This course is required for the College of Education Teacher Education Program. *Moire Szabo.*

C. Middle School Choral Pedagogy (1)

June 26-29 Topics will include placement and training of the male changing voice; how to choose and/or arrange literature; reading sessions. *Will May, University of North Texas.*

D. Jazz Literature and Rehearsal Techniques (2)

June 26-July 7 For those who wish to maintain playing skills and preview new material from junior high through professional-level jazz ensemble charts. Styles, techniques, rehearsal and performance skills 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). *Roy Cummings.*

E. PCs for Marching Band: Arranging and Drill Writing (1)

July 3-13 An intensive survey of using the personal computer as a tool for notational and music printing software as well as for drill writing for marching band. *John Chenault, Chesapeake, Virginia School District.*

F. Workshop in Junior High Band Repertoire (1)

July 3-7 A survey of basic literature considered as "standards" for junior high school bands. *Timothy Salzman.*

G. General Music in Middle School through Guitar (1)

July 17-20 An introduction to the use of guitar for implementing and achieving the goals of the *National Standards* in general music. *Ken Adkins.*

H. Secondary Choral Pedagogy: Techniques and Materials (1)

July 17-20 A workshop for junior high and high school choral directors. Topics will include voice building, rehearsal preparation and techniques, teaching musicianship and reading sessions. *Steve Demorest.*

J. General Music in High School through Guitar (1)

July 24-27 A continuation of Music 496G. *Ken Adkins.*

K. Mentoring Student Teachers (1)

July 24-27 A workshop that focuses on the special skills needed to help student teachers to reach their full potential. Course will include techniques for conferencing, integrating the student into classes and evaluation. *Steve Demorest.*

501 Introduction to Research in Music Education (3) VLPA

June 19-July 27 Seminar in research design and method with emphasis on identification of problems in music instruction, interpretation of data and application of findings to classroom settings. *Tom Goolsby and Steve Demorest.*

523 Tests and Measurement in Music (3) VLPA

June 19-July 7 Examination of currently published aptitude and achievement tests in music and their uses in music education. Explores the basic methods for constructing classroom tests and their use in evaluation. Selected readings include researching test construction and application of tests and measurement to program evaluation. *Tom Goolsby.*

524 Seminar in Music Education (3) VLPA

Special problems in the teaching and supervision of music in the elementary grades. Prerequisite: one year of teaching experience.

A. Music for Children: Research and Pedagogy (3)

July 31-August 18 Musical development of children explored through research and its practical application in elementary music programs. *Patricia Campbell.*

525 Seminar in Music Education (3) VLPA

Special problems in the teaching and administration of music in the secondary school and community college. Prerequisite: one year of teaching experience.

A. General Music for Middle School (3)

June 19-July 7 A survey of methods and materials for use in middle school general music classes. *Barbara Lundquist.*

B. Creative Experiences in Secondary General Music (3)

July 31-August 4 The use of creative exercises (including composition and improvisation) in secondary general music classes. *John Kratus, Michigan State University.*

550 Proseminar in Music Education (3)

July 31-August 17 Examination of major literature in the philosophy, history, psychology and sociology of formal music instruction. *Patricia Campbell and Tom Goolsby.*

560 Contemporary Issues in Music Education (2)

Seminar focusing on review of literature on psychological and sociological aspects of music education, including historical and philosophical foundations of music education in the United States. Appropriate for M.A. students seeking guidance in preparation of topic for examinations. Prerequisite: 24 credits toward the M.A.

A. June 21-July 7, *Tom Goolsby*

B. July 12-28, *Steve Demorest*

C. August 2-18, *Tom Goolsby*

Music (MUSIC)

344 Psychology of Music (3) VLPA, I&S

Human response to musical phenomena, with particular emphasis on perception, learning measurement and functional applications. *Bernice Laden.*

379 Junior Recital (1) VLPA

389, 589 World Music Laboratory (2-3, max. 18) VLPA, I&S

The MUSIC 589 sections include private instruction and/or ensemble playing in various world music traditions. Prerequisite: entry codes.

A. Tibetan Buddhist Music (*)

June 19-July 19, *Kelak Lama*

B. Yoruba Juj Music (*)

Isaiah Dairo

479 Senior Recital (1)

499 Undergraduate Research (*)

B. Audition Techniques for the Performer (1)

June 19-July 19 Presents a how-to-guide regarding auditions for competitions and performance opportunities to singers in performance-related degrees. The course will consist of lecture, discussion and performances by students. The students observing will critique the student performing. How the performer presents him/herself, repertoire choice, dress and résumé presentation will all be considered during this mock audition. Not all auditions will be opera oriented; there will be lieder, symphonic/concert and oratorio auditions as well. This as well as attendance will be factors in grading students for this course. *Leslie McEwen.*

559 Master's Recital (3)

580 Advanced Conducting: Instrumental (3)

583 Advanced Conducting: Choral (3)

July 10-28 Conducting patterns, score preparation, voice warm up and intonation, tempo fluctuation, left hand, diction, discipline. *Joan Conlon.*

590 Doctoral Recital (*)

599 Advanced Selected Topics (*)

A. Wagner as Theater: Wagner as Revolutionary (2)

June 19-July 19 The course will be a comprehensive study of Wagner's music dramas from *Die Feen* to *Lohengrin* focusing on their dramatic origins and structure and place in theatrical and cultural history. *Theodore Duncan.*

B. Implementing the National Standards in Arts Education (3)

July 31-August 11 A two-week seminar on the issues of implementation and evaluation, as well as changes in traditional music education due to the National Standards. *Richard Colwell, New England Conservatory of Music.*

C. Tale of Two Cities: Madras and Teheran (3)

August 7-11 An intensive review of the musical cultures of two contrasting urban cities from an ethnomusicological approach. *Bruno Nettl, University of Illinois.*

D. Wagner as Theater: The Artwork of the Future (2)

July 20-August 18 The course will be a comprehensive study of Wagner's music dramas from *Der Ring* to *Parsifal* focusing on their dramatic origins and structure and cultural history. Seattle Opera's 1994 production of *Der Ring des Nibelung* will play a central role in this study. *Thomas Duncan.*

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/viola, cello, piano, guitar, harp, percussion and voice are offered. Admission is by audition before appropriate faculty. Additional fee of \$60 charged for private instruction. Entry codes 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.

Music Ensembles (MUSEN)

300, 500 University Symphony Orchestra (1) VLPA, I&S

302, 502 Symphonic Band (1)

June 19-July 26

350, 550 University Chorale (1) VLPA

July 10-August 3

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.

Courses designated with an asterisk (*) require 20 contact hours. Students enrolling in such courses must also register for five credits of N E 490.

Arabic (ARAB)

470 Intensive Elementary Arabic (15) VLPA

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 471, 472, 473 taken.

Hebrew (HEBR)

470 Intensive Elementary Modern Hebrew (15) VLPA

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 471, 472, 473 taken.

Kazakh (TKIC)

477 Intensive Elementary Kazakh (15)* VLPA

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 474, 475, 476 taken.

427 Intensive Intermediate Kazakh (15)* VLPA

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: 477.

Kirghiz (TKIC)

479 Intensive Elementary Kirghiz (15)* VLPA

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)* VLPA

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)

478 Intensive Elementary Uzbek (15)* VLPA

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 481, 482, 483 taken.

426 Intensive Intermediate Uzbek (15)* VLPA

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: 483 or 478. No credit if 405, 406, 407 taken.

Near Eastern Courses in English (NEAR E)

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

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. Offered jointly with RELIG 240.

490 Supervised Study (1-6, max. 18)

Special work in Near Eastern studies for graduates and undergraduates. Prerequisite: permission of instructor.

Courses by special arrangement

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) I&S

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.

115 Practical Reasoning (5) I&S, QSR

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, are considered.

120, 120A Introduction to Logic (5) I&S/NW, QSR

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.

206 Philosophy of Feminism (5) I&S

Philosophical analysis of the concepts and assumptions central to feminism. Theoretical positions within the feminist movement; view of the ideal society, goals and strategies of the movement, its relation to racial liberation and ethical issues. Offered jointly with POL S 212/WOMEN 206.

240♦ Introduction to Ethics (5) I&S

Critical study of some typical views of the basis and presuppositions of morality and of moral knowledge. Critical introduction to various types of normative ethical theory, including utilitarian deontological and virtue theories.

267 Introduction to Philosophy of Religion (5) I&S

Study of religious thought. Examination of the problem of evil, the nature of mysticism, atheism and theism, and of the relationship between religion and morality.

320 Ancient Philosophy (5) I&S

Survey of ancient Greek philosophy, beginning with the pre-Socrates and proceeding on through Plato to Aristotle.

322 Modern Philosophy (5) I&S

Examination of metaphysical and epistemological problems from the works of Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume and Kant.

347♦ Philosophy in Literature (5) VLPA/I&S

Study of philosophical ideas expressed in works of literature.

445♦ Philosophy of Art (5) VLPA/I&S

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.

450 Epistemology (5) I&S

Systematic study of some of the main problems of the theory of knowledge, such as: the definition of "knowledge"; a priori knowledge; percep-

tion and knowledge of the external world; memory knowledge; theoretical knowledge has or requires a foundation. Emphasis varies from quarter to quarter. Recommended: 350 or 322.

484 Reading in Philosophy (1-5, max. 15)

Reading of approved philosophical works. Prerequisites: permission of instructor.

584 Reading in Philosophy (1-4, max. 12)

Intensive reading in philosophical literature. Prerequisite: permission of graduate program coordinator.

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) NW, Q/SR

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) NW, Q/SR

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) NW

Heat and electromagnetism. Concurrent registration in 118 strongly recommended. Prerequisite: 114.

116 General Physics (4) NW

Light and modern physics. Concurrent registration in 119 strongly recommended. Prerequisite: 115.

117 General Physics Laboratory (1) NW, Q/SR

Mechanics laboratory, to be taken concurrently with 114 or 121. Credit/no credit only.

118 General Physics Laboratory (1) NW

Heat and electromagnetism laboratory, to be taken concurrently with 115 or 122. Credit/no credit only.

119 General Physics Laboratory (1) NW

Sound, light and modern physics laboratory, to be taken concurrently with 116 or 123. Credit/no credit only.

121 Mechanics (4) NW, Q/SR

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) NW

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) NW

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) NW, Q/SR

Experimental topics in physics for science and engineering majors. Concurrent registration in 121 required.

132 Experimental Physics (1) NW

Experimental topics in physics for science and engineering majors. Concurrent registration in 122 required.

133 Experimental Physics (1) NW

Experimental topics in physics for science and engineering majors. Concurrent registration in 123 required.

224 Thermal Physics (3) NW

Introduction to heat, thermodynamics, elementary kinetic theory and the physics of continuous media. Prerequisites: 122, which may be taken concurrently, and MATH 126.

225 Modern Physics (3) NW

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.

334♦ 335▲ Electric Circuits Laboratory (3,3) NW

Basic elements of DC, AC and transient circuits; electronic devices; electrical measurements. Prerequisites: 123, MATH 126 or 136 for 334; 334 for 335.

401 Special Problems (*) NW

Supervised individual study. Prerequisite: entry code.

405, 407 Physical Science for Teachers and Physics for Teachers

June 26-August 3 The Physics Department offers a six-week, 10-credit summer program in physics and physical science for full-time inservice teachers. Directed by Dr. Lillian C. McDermott, professor of physics, and supported in part by and NSF grant, the program is tuition-free and stipends are offered. This course is designed to strengthen subject matter background in topics typically covered in physics and physical science curricula using a hands-on, inquiry-oriented method of instruction; emphasize the development of fundamental concepts and reasoning skills through laboratory experience, and meet the needs of teachers with varying levels of preparation in science and mathematics.

Although the application deadline was Feb. 15, 1995, spaces may still be available. For information and applications, contact Joan Valles, (206) 685-2046; fax, 685-0635.

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. In addition, two comparative politics seminars are offered through the UW Evening Degree Program. See page 70 for details.

This summer's offerings in international relations and comparative politics include American foreign policy, the Arab-Israeli conflict, and world, Cuban and European politics. 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 was March 15.

101 Introduction to Politics (5) I&S

Political problems that affect our lives and shape the world around us. Recommended for non-majors, 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.

202 Introduction to American Politics (5) I&S

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) I&S

The world community, its politics and government.

305 The Politics of Mass Communication (5) I&S

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.

321♦ American Foreign Policy (5) I&S

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) I&S

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.

326♦ Scandinavia in World Affairs (5) I&S

Introduction to the foreign relations of Scandinavia with a focus on Nordic security, international economic pressures and global conflict resolution. Survey of the national settings for international involvements and highlights the dilemmas for industrial societies exposed to the pressure of interdependence. Offered jointly with SCAND 326.

346 Governments of Western Europe (5) I&S

Modern government and politics of Great Britain, France, Germany and Italy.

354 Elections and Voting in the United States (5) I&S

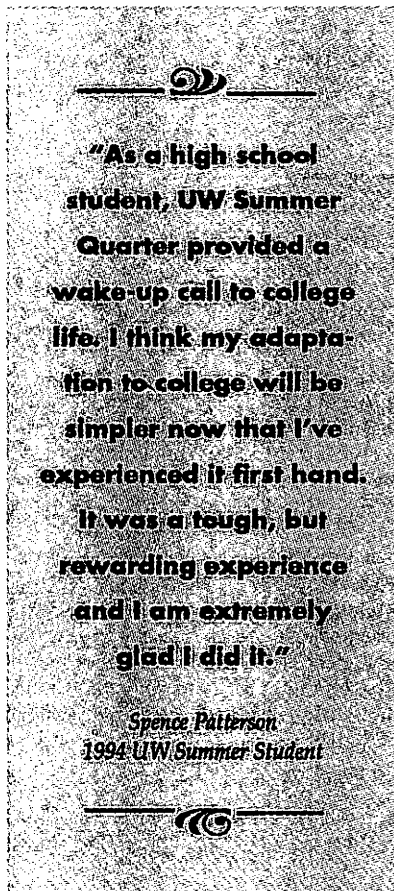
Electoral institutions and processes of the United States; the idea and practice of elections, the electoral system, individual voting behavior, collective voting behavior and the impact of elections on policy. Recommended: 101 or 202.

356 Society and Politics (5) I&S

Focus on the causes of political change in democratic countries, including public opinion, social movements, interest group activity and party organization. Offered jointly with SOC 356.

360 Introduction to United States Constitutional Law (5) I&S

Growth and development of constitutionally guaranteed private rights, with particular reference to the period since 1937.



204♦ Introduction to Comparative Politics (5) I&S

Political systems in a comparative framework. Traditional and contemporary approaches to the study of governments and societies in different countries.

212 Philosophy of Feminism (5) I&S

Philosophical analysis of the concepts and assumptions central to feminism. Theoretical positions within the feminist movement; view of the ideal society, goals and strategies of the movement, its relation to racial liberation and ethical issues. Offered jointly with WOMEN 206.

361♦ United States Courts and Civil Liberty (5) I&S

Cases and literature bearing on protection of constitutionally guaranteed private rights, with particular reference to the period since 1937.

383 Environmental Politics and Policy in the United States (5) I&S

Interrelation between technological and environmental change and policy formation. Consideration of political behavior related to these phenomena and the capacity of urban public organizations to predict change and to formulate policies that can take future states into account.

407 International Conflict (5) I&S

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.

410♦ Technology, Politics and the State (5) I&S

Relationships between politics, technological change and development of multinational corporations. Considers whether the relations between political and economic systems of industrial societies have been fundamentally altered by the increased importance and interdependence of government, experts and new technological possibilities for intervention in social life.

418♦ Multinationals and World Order (5) I&S

Multinational corporations as a problem for world order. MNCs and the global political economy; theories of multinational activity; governance and regulation; international organizations, world politics and MNCs. Prerequisites: introductory courses in international relations and international studies.

426▲ World Politics (5) I&S

The nation-state system and its alternatives, world distributions of preferences and power, structure of international authority, historical world societies and their politics. Offered jointly with SIS 426.

435 Japanese Government and Politics (5) I&S

Government and politics of Japan with emphasis on the period since 1945.

445▲ Politics and Society in Eastern Europe (5) I&S

Political and social issues in lands east of the Elbe, treating some historical problems but focusing particularly on developments since 1945. Includes all communist states of Eastern Europe and their successors. Prerequisites: one previous course in European politics or history. Offered jointly with SISRE 445.

446 Peasants in Politics (5) I&S

Interdisciplinary study of peasants, with special attention to questions of rural transformation. Peasant involvement in an increasingly interdependent world. Rebellion and revolution, impact of the international market, agricultural development. Offered jointly with SIS 444.

447 Comparative Politics Seminar (5, max. 10) I&S

Selected comparative political problems, political institutions, processes and issues in comparative perspective. Strongly recommended: 204.

481♦ Big City Politics (5) I&S

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

See page 70 for information about *Abnormal Psychology* (PSYCH 305) offered through the UW Evening Degree Program.

101 Psychology as a Social Science (5) I&S

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) NW

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) NW

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 201.

201 Human Performance Enhancement (3) I&S

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.

205 Introduction to Personality and Individual Differences (4) I&S

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) I&S, NW

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 sex, gender and orientation, adult sexual bonding, sexual abuse and assault.

213 Elementary Psychological Statistics (6) Q/SR

Statistics for psychological research. Elementary probability theory, hypothesis testing and estimation. Satisfies the statistics requirement for majors registered in the Psychology Bachelor of Arts degree program. Prerequisites: MATH 111 or 120.

222 Survey of Physiological Psychology (3) NW

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) I&S

Selected aspects of human learning, perception and performance. Prerequisites: 209, and 213 or 217.

232W Laboratory in Animal Learning (3) NW

Selected aspects of animal learning emphasizing operant techniques with the rat. Prerequisite: 209.

233W Laboratory in Animal Behavior (5) NW

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) I&S

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) I&S

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. Offered jointly with WOMEN 257. Recommended: 101 or 102.

305 Abnormal Psychology (5) I&S

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) I&S

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) NW

Basic concepts of drug action emphasizing the behavioral consequences of the intake of a variety of drugs. Prerequisite: 222.

345 Social Psychology (5) I&S

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.

347 Psychology of Language I (5) I&S

Introduction to the study of language, including language structure, speech perception, language acquisition, psychological processes underlying comprehension and production of language, the relation between brain and language and the question of the species-specificity of human lan-

guage. Prerequisites: 101 or 102 or LING 200 or 201. Offered jointly with LING 347.

355 Survey of Cognitive Psychology (5) I&S

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) NW

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. Offered jointly with WOMEN 357. Prerequisite: 101 or 102 or 257, or WOMEN 200 or 257.

403 Motivation (5) I&S, NW

Theory and research on reinforcement, punishment, frustration, preference, instinctual mechanisms, and other factors controlling animal behavior. Prerequisite: 101 or 102.

410 Child and Adolescent Behavior Disorders (5) I&S

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.

417W Human Behavior as a Natural Science (5) I&S, NW

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) NW

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) NW

Anatomical and physiological principles and resultant behavior involved in the integrative action of the nervous system. Prerequisite: 101 or 102, and 10 credits in biology or zoology.

**448 Seminar in Psychology (1-15)
A. Human Eating and Its Disorders (3)**

449 Organizational and Industrial Psychology (3) I&S

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.

466 Psychology of Judgment and Decision Making (5) I&S

Human information processing in judgment and decision making, especially the interface between cognitive theories and normative and prescriptive theories of decision making. Prerequisites: introductory statistics and either 209, 231, 355 or 361, or permission of instructor.

490 Stress Management (3) I&S, NW

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 or 102 or equivalent. Credit/no credit only.

498 Directed Reading in Psychology (1-3, max. 18)

Prerequisite: entry code. Section A is graded; section B is Credit/no credit only.

515 Modelling Experimental and Observational Data (4)

An introduction to statistical modelling; interactive data analyses; use of regression, ANOVA, logistic regression and log-linear models in explanatory studies. Prerequisite: 514.

560 Seminar (*)

- A. Family Therapy Practicum (5)**
- B. Statistical Computation and Graphics (3)**
- C. Spatial-Visual Reasoning (2)**

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 credit/no credit only.

598 Directed Reading in Psychology (1-3, max. 18)

Selected topics. Prerequisite: permission of a supervising psychology faculty member. Section A is graded; section B is Credit/no credit only.

599 Directed Research in Psychology (1-3, max. 24)

Supervised participation in research. Prerequisite: permission of a supervising psychology faculty member. 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 60.

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

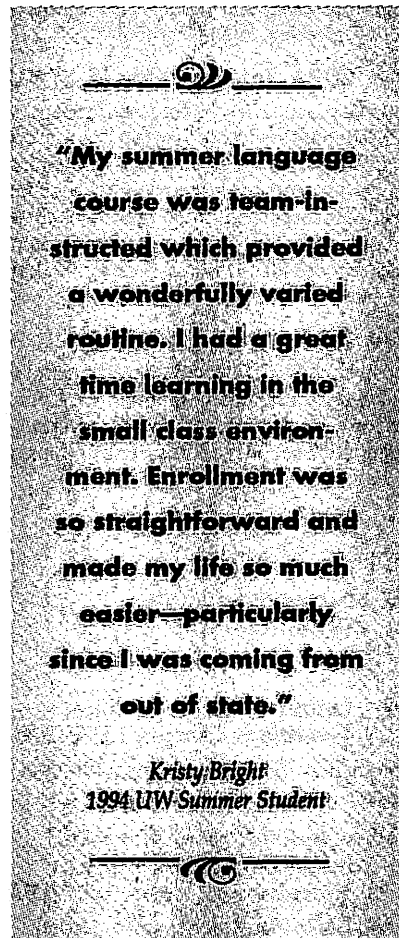
French (FREN)

101 Elementary (5) VLPA

Methods and objectives are primarily oral-aural. Oral practice in the language laboratory required.

101♦ 102A Elementary (5,5) VLPA

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) VLPA

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) VLPA

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♦ 202A Intermediate (5,5) VLPA

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 for 201; 201 or college equivalent or placement for 202.

203♦ Intermediate (5) VLPA

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♦ 302W▲ Advanced French (5,5) VLPA

Prerequisite: 203 or college equivalent, or placement for 301; 301 or college equivalent, or placement for 302.

455A One Author in French Literature/Culture (5, max. 15) VLPA

In-depth focus on the works of one author (Racine) in French literature or culture. Prerequisite: 303.

Italian (ITAL)

101♦ 102A Elementary (5,5) VLPA

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.

134 Intensive First-Year Italian (15) VLPA

An intensive language course equivalent to 101, 102, 103, designed for highly motivated students. Not open for credit to students who have taken 102 and 103.

Courses by special arrangement

Special Topics, Special Seminar and Conference, Independent Study or Research, Supervised Study

Spanish (SPAN)

101◆ 102▲ Elementary (5,5) VLPA

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) VLPA

Methods and objectives are primarily oral-aural. Language laboratory is required. Prerequisite: 102 or college equivalent or placement for 103.

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
- Czech
- French
- German
- Greek
- Hebrew
- Hindi
- Italian
- Japanese
- Kazakh
- Kirghiz
- Korean
- Latin
- Lithuanian
- Russian
- Spanish
- Swahili
- Swedish
- Tajik
- Uzbek

134 Intensive First-Year Spanish (15) VLPA

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) VLPA

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) VLPA

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.

301◆ Advanced (3) VLPA

Prerequisite: 203 for 301.

390 Supervised Study (2-6, max. 20)

B. Latin American Film (5)

474 Latin American Fiction: Twentieth Century (5) VLPA

Prerequisites: 303, 321, plus one additional 300-level course beyond 303.

491◆▲ Individual Authors and Special Topics in Spanish Literature (5, max. 10) VLPA

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

Scandinavian Languages and Literature

318 Raitt Hall, DL-20
Telephone: 543-0645

Scandinavian Languages and Literature courses are classified as:

- Baltic
- Scandinavian Courses in English
- Scandinavian
- Swedish

The Baltic Studies Summer Institute offers intensive Lithuanian during *a* and *b* terms. One course in English that will include Baltic content is also offered during *b* term: *Baltic Culture* (BALTIC 200).

The Scandinavian Summer Institute offers intensive Swedish during *a* and *b* terms. Two courses in English are also offered during *a* term: *Introduction to Folklore* (SCAND 230) and *Scandinavia in World Affairs* (SCAND 326).

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.

Baltic (BALTIC)

150 Intensive First-Year Lithuanian (15) VLPA

Fundamentals of oral and written Lithuanian. Intensive practice in speaking, reading and writing. Interactive classroom, computer-assisted learning, language and reading laboratories.

200▲ Baltic Culture (5) VLPA

An overview of the cultures of Estonia, Latvia and Lithuania. Particular attention to folk culture, literature, the arts and social movements.

Scandinavian Courses in English (SCAND)

230◆ Introduction to Folklore (5) VLPA, I&S

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. Offered jointly with C LIT 230.

326◆ Scandinavia in World Affairs (5) I&S

Introduction to the foreign relations of Scandinavia with a focus on Nordic security, international economic pressures and global conflict resolution. Includes a survey of the national settings for international involvements and highlights the dilemmas for industrial societies exposed to the pressures of interdependence. Offered jointly with POL S 326.

Scandinavian (SCAND)**Course by special arrangement**

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

Swedish (SWED)**150 Intensive First-Year Swedish (15) VLPA**

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.

Slavic Languages and Literature (SLAVC)

M253 Smith Hall, DP-32
Telephone: 543-6848

Slavic Languages and Literature courses are offered in:

- Czech
- 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 elementary Czech. 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

Czech (CZECH)**401, 402, 403 Elementary Czech (5,5,5) VLPA**

Emphasizes conversation and basics of Czech grammar and vocabulary. Students develop a certain fluency in expressing themselves in everyday situations.

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) VLPA

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) VLPA

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: 203, 250, or permission of instructor. See credit note above.

450 Intensive Fourth-Year Russian (15) VLPA

Equivalent to 401, 402, 403 in one quarter. Intensive practice in conversation, composition, grammar and reading. Prerequisite: 303, 350, or permission of instructor. See credit note above.

Courses by special arrangement

Senior Honors Thesis, Directed Study or Research, Independent Study or Research

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) I&S
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. *The Family* (SOC 352) and *Social Differentiation* (SOC 460) are offered through the UW Evening Degree Program. See page 70 for details.

110 Survey of Sociology (5) I&S

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) I&S

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.

260▲ Black Male/Female Family Relationships (5) I&S

The Black family in the United States as a social institution. Effects of residence in race-conscious society on the interpersonal relationships between Black men and women. Exploration of proposals for strengthening the Black family in the United States. Joint with AFRAM 260.

271◆ Introduction to the Sociology of Deviance (5) I&S

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) I&S, Q/SR

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; entry code.

356◆ Society and Politics (5) I&S

Causes of political change in democratic countries, including public opinion, social movements, interest group activity and party organization. Offered jointly with POL S 356.

371 Criminology (5) I&S

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) I&S

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.

416♦ Sociological Theory (5) I&S

Theories of individual action, social order and institutional change. Cumulative development of solutions rather than on works of given theorists. Theories of social order. How sociological treatments of these issues compare with those offered by economists and other social scientists.

450♦ Political Economy of Women and Family in the Third World (5) I&S

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. Offered jointly with SIS 450.

472♦ Juvenile Delinquency (5) I&S

Factors in delinquency, juvenile courts. Explanation of delinquent behavior and legal reaction to delinquency. Programs of treatment and prevention. Recommended: 371 or equivalent.

481♦ Issues in Analytic Sociology (5) I&S

Examination of current issues in sociological analysis. Topic for summer 1995: The Underclass.

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.

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.

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. Credit/no credit only.

350W Clinical Processes II: Treatment (4) NW

Principles and procedures for planning the effective treatment of speech and language disorders. Prerequisites: 330, 332 and entry code. *Dr. Judith Stone-Goldman.*

370 Basic Audiometry (5) NW

Theory and practice of the assessment of hearing function, including standard puretone audiometry, speech audiometry and basic impedance audiometry. Prerequisites: 315 and entry code. *Dr. Patrick Feeney.*

380 Introduction to Aural Rehabilitation (4) NW

Principles and methods of using auditory and visual cues and communication strategies to improve communication functioning. Prerequisites: 370 and permission of director of student services. *Dr. Sue Sanborn.*

391 Practicum in Audiology (2) NW

Guided experiences in audiological assessment and aural rehabilitation of children and adults. Credit/no credit only. Prerequisite: permission of instructor. *Dr. Sue Sanborn.*

401 Neural Bases of Speech and Language (4) NW

Neuroanatomical and neurophysiological bases of motor speech production and language processes. Laboratory. Prerequisite: 201 or permission. *Dr. Margaret Rogers.*

449 Special Studies in Speech Pathology and Audiology (*) NW

A. Counseling and Interaction Skills Part I (2)

June 26-30 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, and role playing is used to practice skills and identify personal styles and preferences. The course is designed for speech-language pathology and audiology professionals, as well as other professionals who counsel as part of educational and rehabilitative services. It is 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. *Dr. Judith Stone-Goldman.*

B. Counseling and Interaction Skills Part II (1)

June 26-August 18 Participants continue to develop their counseling skills through in-depth case consultation, role playing and group discussion and feedback. Prerequisite: entry code. *Dr. Judith Stone-Goldman.*

C. Children's Language Disorders: An Overview of Service Delivery (3)

June 19-July 19 Individuals interested in speech and language impaired children learn about the different ways and places these children may receive intervention. The course will focus on different intervention techniques and service delivery models for children with a variety of communication problems. The content will be appropriate for individuals new to the discipline and for clinicians updating their skills. Lectures, small group discussions and opportunities to observe therapy sessions will be provided. This course is open to all regardless of background. *Dr. Lesley Olsuwan.*

D. Neurologic Disorders Across the Life Span (2)

June 19-August 18 This course will survey a variety of neurological conditions which often affect speech, language and cognition. Relevant information concerning the neuropathology, 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. This course is designed for individuals preparing for careers in speech language pathology, health care professions, gerontology, special education, neuropsychology, psychology, physical and occupational therapy. *Dr. Margaret Rogers.*

453♦ Communication Augmentation for Non-Speaking Individuals (3) NW

Communication needs of nonspeaking individuals. Interdisciplinary approaches to the evaluation, selection and implementation of aided and unaided communication augmentation systems. Prerequisite: basic coursework in either speech and hearing sciences, physical therapy, occupational therapy, engineering, health sciences or special education. Open to undergraduates, graduates and nonmatriculated students on a space-available basis; general public may attend with instructor permission. *Dr. Nola Marriner and Dr. Patricia Dowden.*

536 Assessment of Language Impairment in Children (5)

Principles and procedures used in the assessment of speech- and language-disordered children and adolescents. Prerequisites: 332, 431 and permission of instructor. *Dr. Robert Carpenter.*

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 (1-9)

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. *Dr. Thomas Rees.*

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. *Dr. Connie Syapin.*

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****F. Calibration****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♦). Persons interested in business-related topics may wish to consider 301, 373 and 474.

102 Speech, the Individual and Society (5) VLPA, I&S

Provides a basic understanding of human speech communication. Covers three major areas: (1) the nature of human communication, including mod-

AUGMENTATIVE AND ALTERNATIVE COMMUNICATION**SPHSC 453****June 19-July 19****3 credits**

This course will provide an overview of augmentation communication approaches appropriate for children and adults with severe communication disorders. Selected case histories and videotapes will be utilized to illustrate the principles involved in evaluation, system selection and training. Representative applications on computers and communication devices will be included in lab sessions to allow participants to have hands-on experience with a range of augmentative communication systems and approaches. Open to undergraduates, graduates and nonmatriculated students on a space-available basis; general public may attend with instructor permission.

Instructors: Nola Marriner, assistant clinical professor, UW Department of Rehabilitation Medicine; and Patricia Dowden, assistant clinical professor, UW Department of Speech and Hearing Sciences; plus guest lecturers to be announced.

Continued on the next page

els, 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♦, 103 Interpersonal Communication (5) VLPA, I&S

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) VLPA, I&S

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) VLPA, I&S

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) VLPA, I&S

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) VLPA

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) VLPA, I&S

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) VLPA, I&S

Role of communication in resolving informal conflicts and in facilitating interpersonal and intergroup cooperation. Review of empirical literature. In-class simulations and exercises.

475 Organizational Communication (5) VLPA, I&S

Role of communication in organizations, the types of problems arising and approaches to their resolution. Communication in the human relations and productivity of organizations. Applying communication skills in various organization roles. Recommended: junior standing.

498♦ Special Topics in Speech Communication (2-5, max. 15) VLPA, I&S

A. Stage to Screen: Performing Plays (5)

Study, oral interpretation and viewing films of plays. Class discussion will focus on knowledge of a play derived from silent reading, in-class performances and watching the film.

498 Special Topics in Speech Communication (2-5, max. 15) VLPA, I&S

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) NW, Q/SR

Objectives and pitfalls of statistical studies. Structure of data sets, histograms, means and standard deviations. Correlation and regression. 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: one and one-half years of high school algebra.

311 Elements of Statistical Method (5) NW, Q/SR

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) NW

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. Offered jointly with MATH 390. Prerequisites: MATH 324 or 307, and MATH 205 or 308.

394♦ Probability I (3) NW

Sample spaces; basic axioms of probability; combinatorial probability; conditional probability and independence; binomial, Poisson and normal distributions. Offered jointly with MATH 394♦. Prerequisite: MATH 324.

395▲ Probability II (3) NW

Random variables; expectation and variance; laws of large numbers; normal approximation and other limit theorems; multidimensional distributions and transformations. Offered jointly with MATH 395▲. Prerequisite: 394.

578 Special Topics in Advanced Biostatistics (*, max. 3)

A. Spatial Statistics (3)

Offered jointly with BIOST 578A. Prerequisite: entry code. Credit/no credit only.

B. Drug Evaluation (3)

Offered jointly with BIOST 578B. Prerequisite: entry code. Credit/no credit 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. Credit/no credit 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. *Women in Politics (WOMEN 313)* is offered through the UW Evening Degree Program. See page 70 for details.

205 Introduction to Global Perspectives on Women (5) I&S

Study of women in global perspective, of their diversity, complexity and challenges. Introduces basic concepts of gender, race-ethnicity, class, nation and sexuality. Topics include international women's histories; comparative women's movements; activism and resistance; feminists' perspectives of global politics and economy; issues of violence and consideration of women's/human rights.

206 Philosophy of Feminism (5) I&S

Philosophical analysis of the concepts and assumptions central to feminism. Theoretical positions within the feminist movement; view of the ideal society; goals and strategies of the movement, its relation to racial liberation and ethical issues. Offered jointly with PHIL 206/POLS 212.

257 Psychology of Sex Differences (5) I&S

Major psychological theories of sex-role development, biological and environmental influences that determine and maintain sex differences in behavior; sex roles in children, sex differences in aggression, sexuality. Offered jointly with PSYCH 257. Recommended: PSYCH 101 or 102.

353 Anthropological Studies of Women (5) I&S

Cross-cultural and comparative survey of the varieties of women's cultural experiences, statuses, and roles in cultural context and the anthropological theories used to account for them. Topics include: biological factors, studies of primates, woman the gatherer, work in pre-industrial and industrial societies, patriarchy and matrilineal kinship, childbirth and women's roles in economic development. Prerequisites: 200 and ANTH 202, or permission of instructor. Offered jointly with ANTH 353.

355 Gender and Masculinity (5) I&S

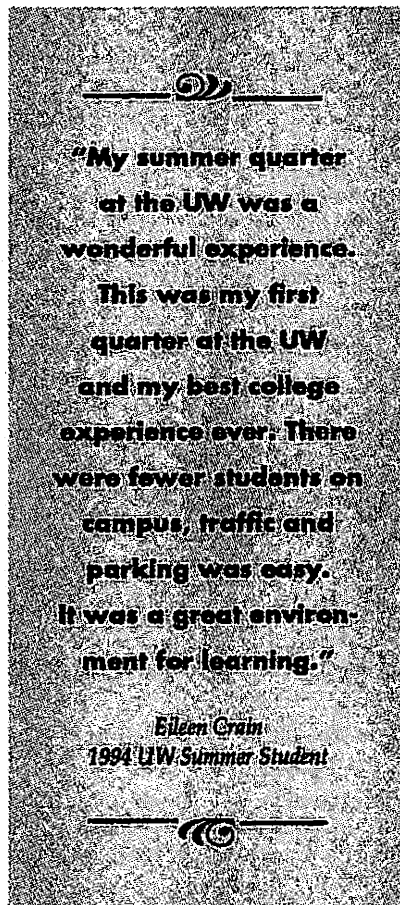
Social development of masculinity in American society. Definition of masculinity at different times in history; how men are socialized today; differences in the social development of masculinity for Black men, gay men, physically disabled. Individual and collective efforts at altering masculinity (e.g., critically examine the various dimensions of the "men's movement").

357 Psychobiology of Women (5) NW

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. Offered jointly with PSYCH 357. Not open for credit to students who have taken GIS357. Prerequisites: 200 or 257, or PSYCH 101, 102 or 257, or permission of instructor.

383A Social History of American Women (5) I&S

A multi-racial, multicultural study of women in the U.S. from the 16th 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. Offered jointly with HSTAA 373. Prerequisite: 200 or 283 or HSTAA 201 or permission of instructor.

**415A Gender Equity in Education (3) I&S**

July 20-August 3 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.

456♦ Feminism, Racism and Antiracism (5) I&S

Builds on examination of the historically shifting meanings of race and racism. Asks how all United States women's daily lives and consciousness are shaped by racial oppression or race privilege. Examines steps being taken toward specifically feminist anti-racist theories and practices. Prerequisites: 200 and 322, and entry code.

Courses by special arrangement

Undergraduate Research, Fieldwork in 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 15.

118 Survey of Physiology (5) NW

Human physiology, for nonmajors and health sciences students.

119 Elementary Physiology Laboratory (1) NW

Optional laboratory experiments designed to accompany 118. Prerequisite: 118 (may be taken concurrently).

451 Vertebrate Zoology (5) NW

Integrated exploration of the biology of vertebrate animals, emphasizing their diversity, adaptations, life styles and evolutionary history. Introduces aspects of behavior, psychology, morphology and ecology that emerge from the comparative study of vertebrates. Laboratory includes local field trips, films and writing workshop. Students may be required to share a portion of the transportation costs of field trips. Prerequisites: BIOL 201, 202, 203.

498 Special Problems in Zoology (1-5, max. 15) NW

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. Business courses offered through the Evening Degree Program are listed on page 70.

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.

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-subsidary and branch relationships, foreign exchange. Prerequisites: 303 and admission to accounting concentration.

531 Timing and Periods of Taxation (3)

Analysis of the cash and accrual methods of accounting, choice of taxable period and multi-period transaction analysis. Consideration of statute of limitations and mitigation thereof. Details of passive activity losses. Prerequisite: undergraduate accounting concentration or equivalent.

557 Tax Consulting, Planning and Research (4)

Decision-making processes in relation to problems of taxation. Tools of tax analysis and research and the communication of conclusions flowing from professional tax work. Role of the professional accountant in client business transactions and in negotiations with taxing authorities is highlighted and simulated on the basis of actual case histories. Prerequisite: undergraduate accounting concentration or equivalent.

579 Special Topics in Accounting (4)

Accounting topics of current concern to faculty and students. Offered only when faculty are available and sufficient student interest exists. Prerequisite: permission of instructor; entry code for nonmajors.

A. Fundamentals of International Taxation (4)

B. Employee Tax Problems and Deferred Compensation (4)

Courses by special arrangement

Undergraduate Research, Independent Study or Research

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 26.

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.

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 26.

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 26.

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 reappraisal 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.

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 26.

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 26.

560 Investments (4)

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 non-majors.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

ACCOUNTING AND MANAGEMENT CERTIFICATE PROGRAMS

Certificate Program in Accounting

June 19-August 24
ACCTG 505, 15 credits

Participants earn a certificate in accounting after successfully completing this 10-week, 15-credit course of study. Accounting 505 covers all major topics in accounting beyond the introductory level.

Certificate Program in Administration and Management

June 19-August 18
ADMIN 510, 15 credits

Managers will benefit from this intensive nine-week, 15-credit program dealing with human resources management, marketing, organizational behavior, strategic planning, systems analysis and financial control. Team-taught by award-winning UW School of Business faculty.

These programs are offered through UW Extension. The application on the inside back cover of this bulletin is not applicable.

For more information about either program, request a brochure by calling (206) 543-2320 or 1-800-643-2320.

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 26.

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 26.

515 Performance Appraisal and Compensation (4)

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 (4)

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 (4)

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 (4)

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.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

Information Systems (IS)

300 Introduction to 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 Fundamentals of Application Programming (4)

Fundamental programming concepts including data types, control structures, modularization and structured programming. Developing solutions for problems in interactive business applications. Introduction to data and file structures. Extensive use of an event-driven programming language. Prerequisites: 300 and junior standing or above.

422 Applications Programming for Information Systems (4)

Advanced computer programming using COBOL and program development tools. Structured design based on system documentation and specifications. Use of COBOL for transaction processing and complex file management activities. Prerequisite: 320.

460 Systems Analysis and Design I (4)

First course of a two course sequence in analysis and design of business information systems. This course concentrates on analysis phase of systems development. Topics include 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.

461 Systems and Analysis Design II (4)

Second in a two course sequence in analysis and design of business information systems. This course concentrates on the design and implementation phases of systems development. Topics include translation of the logical system model into a physical model, design of modules, file design, testing and implementation. Includes a project using third and fourth generation software development tools. Prerequisites: 460 and 422.

470 Business Data Communications (4)

Technology and applications of business data communications. Characteristics of data; fundamentals of transmission; communications hardware and software; common-carrier services; network configurations (LAN, MAN, WAN), design, management and security. Exercises in the use of information retrieval/distribution systems, file transfer and Internet resources. Prerequisites: 320 and junior standing or above.

495 Practical Experience in Information Systems (1-4, max. 4)

Information systems internships. Weekly status reports, internship value paper and project related to internship. Prerequisites: 300, 320, one 400-level course, and permission of the instructor.

Course by special arrangement

Undergraduate Research

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 and junior standing or above. Enrollment is open only to UW business majors until June 18.

330 Business Environment in Developing Nations (4)

The international environment for transnational trade, investment and operations in the less-developed countries; survey of the economics of underdevelopment; analysis of foreign economic, cultural and political environments and their impact on international business; foreign investment in the development process; case studies. Prerequisites: 300 or equivalent and junior standing.

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. Enrollment open to BA students period I, everyone periods II and III. Junior standing or above.

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 appli-

cation of relevant functional tools. Cases and class projects are drawn from service companies, as well as from manufacturers. Prerequisites: 300 and junior standing or above. Enrollment is open only to UW business majors until May 26.

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. BA majors only periods I and II.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

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 18.

335 Principles of Selling (4)

Focuses on role of influence and persuasion in professional selling and other organizational settings. In addition to formal theoretical coursework in such areas as consumer behavior, negotiation and communication, students practice sales skills in role plays, presentations and other exercises requiring practical application of selling theory. Prerequisites: 301 and junior standing. BA enrollment period I only.

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 26.

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 lead-

ership; application of concepts to management of advertising, personal selling, pricing and channels of distribution. Prerequisites: 301 and junior standing or above; recommended: QMETH 201.

579 Special Topics in Marketing (4, max. 12)

Study and research in advanced topics of marketing. The seminar is generally concerned with unpublished areas of research and conducted by visiting professors and departmental faculty. Prerequisite: doctoral student status and BA 502.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

Operations Management (OPMGT)

301 Principles of Operations Management (4)

Survey course which examines problems encountered in planning, operating and controlling the production of goods and services. Topics discussed include: waiting line management, quality assurance, production systems, project management and inventory management. Makes use of computer and quantitative models in formulating managerial problems. Prerequisites: QMETH 201 or permission of undergraduate office.

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 18.

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.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

Quantitative Methods (QMETH)

201 Introduction to Statistical Methods (4) NW, Q/SR

Survey of principles of data analysis and their applications for management problems. Elementary techniques of classification, summarization and visual display of data are discussed. Applications of probability models for inference and decision making are illustrated through examples. Prerequisites: MATH 112 or equivalent, and sophomore standing or above.

520 Managerial Applications of Regression Models (4)

Data exploration and inference using regression models for business forecasting and management. Models include simple, multiple, logistic and nonlinear regression; use of dummy variables, transformations, variable selection and diagnostics. Prerequisites: BA 500 or QMETH 500.

Courses by special arrangement

Undergraduate Research, Independent Study or Research

Guide to Courses for Educators

COLLEGE OF EDUCATION

Participate in one of several innovative summer institutes

- Courses on subjects such as inclusion in special education, multicultural education and the use of the Internet in education
- 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. A variety of multiethnic education courses are offered this summer including *Multiethnic Curriculum and Instruction* (EDC&I 424), *Learning Variables of Minority Youth* (EDC&I 425), *Teaching the Bilingual/Bicultural Student* (EDC&I 453), *Multicultural Literature for K-12* (EDC&I 456A), *ESL Reading* (EDC&I 456B), *Methods in Teaching English as a Second Language* (EDC&I 457), *Making the Bridge: Elementary School Mathematics Teaching from the Multicultural Perspective* (EDC&I 496U), *Improving the Literacy Achievement of Students of Diverse Cultural Back-*

grounds (EDC&I 505B), *Adult Authors of Color: Readings for Teachers* (EDC&I 505C), *History of African Americans in Seattle: Content and Methods* (EDC&I 505D). For more information about the center, please write: Center for Multicultural Education, University of Washington, College of Education, 110 Miller Hall, Box 353600, Seattle, WA 98195-3600; or call (206) 543-3386.

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 or 1-800-543-2320.

Additional information for Graduate Students

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*.

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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)

June 19-30 This course is designed to help teachers better understand the school's role in the ethnic education of students and to help them acquire the insights, understanding and skills needed to design and implement strategies that will reflect ethnic diversity.

425 Learning Variables of Minority Youth (3)

Offered both a and b term: June 19-July 19 and July 20-August 18 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 EDC&I 513.

453 Teaching the Bilingual/Bicultural Student (3)

June 19-July 19 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.

456 Workshop in Instructional Improvement: Language Arts (1-6, max. 15)

A. Multicultural Literature for K-12 (3)

July 25-31 A six-day workshop for educators who want to broaden their knowledge of excellent literature written for children and young adults. Individuals will contract with the instructor for a final project that may be taken directly into their particular academic setting. Meets with EDC&I 473C.

B. ESL Reading (3)

June 19-July 19 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.

C. Workshop in Children's Literature and Science (3)

July 24-August 4 Children's fiction provides an excellent opportunity to launch into an investigative study of the scientific concepts 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. Course is held at the Pacific Science Center. Meets with EDC&I 473C.

457 Methods in Teaching English as a Second Language (3)

June 19-July 19 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.

468 Workshop in Instructional Improvement: Social Studies (1-6, max. 15)

A. Teaching with Biographies: An Integrated Approach (3)

June 19-30 Educators learn how to help their students develop writing, thinking and collaboration skills while engaged in in-depth study of history, literature, science and art. A hands-on approach of composing original biographies of artists, scientists and major historical figures is used.

B. Using Museums for Teaching and Learning (3)

July 3-18 The purpose of this course is to assist elementary school teachers and museum educators to use the resources of the various museums in the Seattle area toward the achievement of social studies objectives at the elementary school. The participants will have an opportunity to visit the museums and develop instructional plans using museum materials and exhibits. Meets with MUSEUM 488.

C. Science and Social Studies in the Community (3)

August 7-18 The community is abundant with resources that can be used to enhance and integrate science and social studies in the classroom curricula. Participants create a personal resource guide as they explore several of these community resources through field trips and guest speakers. Meets with EDC&I 473D.

472 Environmental Education for Teachers (3)

June 26-July 13 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. Science Technology and the Internet (3)

June 21-July 19 Middle school and high school science teachers explore ways of using the resources of the Internet in their science classes. Searching the Internet for new and varied resources, as well as access to resources that have been in use for several years, are covered. Participants also examine some of the interesting CD-ROM programs available for classroom use. The course will accommodate both Mac and Windows users. Registration is limited to 15 persons.

B. Pacific Science Center: Weather for Teachers (3)

July 3-14 We're all affected by the weather. Explore and experience this often abstract topic through creative activities that are meaningful to students. This workshop stresses problem solving strategies and hands-on activities that allow learners to make tangible connections to weather concepts and content. Recommended for upper elementary and middle school teachers.

C. Pacific Science Center: Children's Literature and Science (3)

July 24-August 4 Children's fiction provides an excellent opportunity 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. Meets with EDC&I 456C.

D. Science and Social Studies Resources in the Community (3)

August 7-18 The community is abundant with resources that can be used to enhance and integrate science and social studies in the classroom curricula. Participants create a personal resource guide as they explore several of these community resources through field trips and guest speakers. Meets with EDC&I 468C.

494 Workshop in Improvement of Curriculum (1-6, max. 15)

A. Integrating the Curriculum (3)

June 19-July 19 In this workshop, participants explore alternative models for integrating the curriculum. They read and discuss recent classical writings about curriculum integration, and work in small groups and individually to create integrated curriculum units.

SEMINARS IN CURRICULUM AND INSTRUCTION

History of African Americans in Seattle: Content and Methods

July 10-19
EDC&I 505D, 3 credits

Focuses on the content and methods teachers need to incorporate information about the history of Seattle's African American community into their courses. Primary emphasis will be on the period from the massive influx of rural African Americans into Seattle beginning with World War II to the transformation of African American leadership in the 1960s from an integrationist to a "Black power" stance. *The Forging of a Black Community: Seattle's Central District from 1870 through the Civil Rights Era* by Quintard Taylor will be the main text for the course.

Religion and Spirituality in the Curriculum

June 19-July 19
EDC&I 505V, 3 credits

Explores various issues of religion and spirituality affecting the curriculum of the public schools. Important historical conflicts around the issues are considered. Current concerns about the place of spirituality in the curriculum are explored in depth. Selected readings, lecture, small and large group discussions of cases and issues, and individual projects will all be used.

B. The Internet: Access and Use in Education (3)

June 19-July 19 Educators learn to use the Internet mail, search and retrieval tools by jointly investigating research questions. Each will then design a classroom curriculum project incorporating telecommunications. Relevant ethical, legal, organizational and management issues are discussed as students encounter them.

495 Workshop in Improvement of Teaching: Selected Topics, Issues or Problems (1-6, max 15)

A. Teaching in the Inclusive Classroom (6)

June 19-July 19 This joint Special Education-Curriculum and Instruction workshop is designed for general education teachers (4-12) interested in improving their teaching of students with special needs in the regular classroom. The workshop incorporates topics such as adapting instruction, discipline, grading, creating participatory curriculum, IEP planning, understanding the law and inter-professional collaboration. Participants will be involved in small group and independent projects, analysis of written and video cases, reading and discussion. Meets with EDSPE 496F.

B. ESL Materials, Assessment and Instruction (3)

July 20-August 18 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)

B. Workshop in Teaching and Learning in the Graphic and Lively Arts (3)

This workshop is devoted to exploring what it means to know and teach the graphic (painting, photography, sculpture) and lively (dance, drama, music) arts. Educators participate in and create a variety of teaching strategies that call on the arts for inspiration, structure and content.

C. Visual Literacy in the Context of Media (3)

Since there is more to human vision than meets the eye, issues in human perception are the foundation of this class. Participants analyze their own perceptual processes using ancient media (charcoal and lead). Then, in the context of electronic media, they explore how people obtain and organize information visually, and the inherent biases in how information is presented.

D. Art Methods through Technology (3)

"In the doing is thought." This class investigates different philosophies of art in society—how we and children learn about respective cultures. Ev-

ery class will have a hands-on project in which participants consider time and space through line, form and color.

U. Making the Bridge: Elementary School Mathematics Teaching from the Multicultural Perspective (3)

June 19-29 The purpose of this workshop is twofold: to emphasize the socio-historic roots of mathematics and to familiarize the participants with how the theories of learning in math education apply to specifics of classroom situations. By using mathematics from various cultural contexts, participants will be able to design curriculum material that integrate easily with other school subjects and help establish a sense of community of learners within the classroom.

V. Design and Authoring of Multimedia for Instructional Programs for the Classroom (3)

Introduces the conceptual and practical foundations for creating instructional multimedia programs. Ample time is provided for hands-on practice planning and creating simple programs utilizing the basic text, graphics, animation, and digitized audio capabilities of Authorware Professional for Macintosh, an icon-based multimedia authoring tool. Participants have an opportunity to build their own small interactive application using Authorware.

505 Seminar in Curriculum and Instruction (1-3, max. 15)

A. Designing and Using Classroom Literacy Portfolios (3)

June 22-29 Focuses on the design and use of classroom literacy portfolios to improve teaching, learning and communication. Participants explore the conceptual bases for portfolios, the different models, and implementation strategies suggested in the professional literature. Using this foundation, participants design a classroom portfolio model and implementation strategies that will be useful in their settings. Considerable time will be allowed for reviewing portfolio artifacts, and learning to describe and evaluate students' literacy progress. Prerequisites: strong foundation in literacy learning and instruction; a collection of work (or portfolio) from two students accumulated over at least two months.

B. Improving the Literacy Achievement of Students of Diverse Cultural Backgrounds (3)

June 29-July 10 Designed to help teachers understand how to improve reading and writing instruction for students of diverse cultural and linguistic backgrounds. The course deals with both theory and practice: why students of diverse backgrounds often do not prosper in schools, and what approaches to instruction may help to close the literacy achievement gap.

C. Adult Authors of Color: Readings for Teachers (3)

July 11-24 Open to students who have taken a similar workshop in previous summers. The workshop focuses on teachers reading adult literature by authors of color. Journals, literature circles, video tapes, with additional background information provided by the instructor, will be used in class.

D. History of African Americans in Seattle: Content and Methods (3)

July 10-19 Focuses on the content and methods teachers need to incorporate information about the history of Seattle's African American community into their courses. Primary emphasis will be on the period from the massive influx of rural African Americans into Seattle beginning with World War II to the transformation of African American leadership in the 1960s from an integrationist to a "Black power" stance. *The Forging of a Black Community: Seattle's Central District from 1870 through the Civil Rights Era* by Quintard Taylor will be the main text for the course.

U. Themes and Evocations: Literature in K-12 Classrooms (3)

June 27-July 11 This workshop is open to all educators who are interested in promoting literature. It includes wide reading in all genres, literature circles, reader response techniques in visual arts and drama, assessments, and construction of themed literature units for the classroom.

V. Religion and Spirituality in the Curriculum (3)

June 19-July 19 Explores various issues of religion and spirituality effecting the curriculum of the public schools. Important historical conflicts around the issues are considered. Current concerns about the place of spirituality in the curriculum are explored in depth. Selected readings, lecture, small and large group discussions of cases and issues, and individual projects will all be used.

530 Seminar in Analysis of Approaches for Teaching Reading (3)

June 19-July 19 Designed to aid experienced teachers who possess background in teaching of reading, this course presents a variety of approaches and actual analysis of approaches. Prerequisites: teaching experience and a basic course in the teaching of reading.

556 Elementary School Curriculum (3)

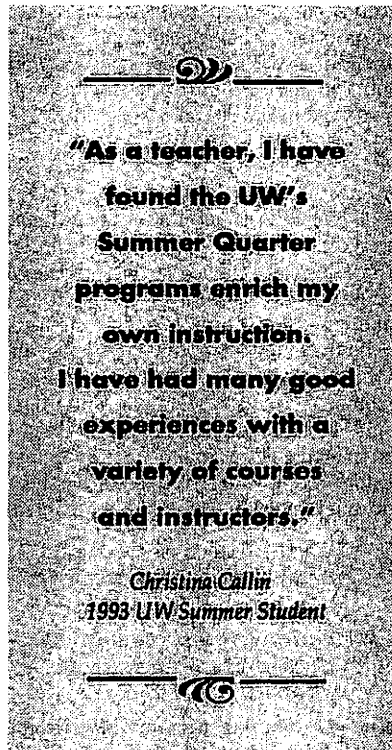
June 19-July 19 Study of elementary school curriculum, its design, rationale and delivery. Current trends and issues affecting elementary school curriculum analyzed.

558 Secondary School Curriculum (3)

June 19-July 19 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)

June 19-July 19 Intensive study of the basic principles and procedures utilized in the development of curricula. Prerequisite: teaching practicum or equivalent experience.



563 Current Issues in Language Arts Education (1-3, max. 6)

June 19-July 3 Discussion of problems and issues of current interest and importance in language arts education. Prerequisite: EDC&I 561.

570 Seminar in Science Education: Elementary Emphasis (3)

June 19-July 19 Investigation of curriculum and instruction in science, with particular emphasis on current literature and research. Prerequisite: 470 or equivalent. Credit/no credit only.

571 Seminar in Science Education: Secondary Emphasis (3)

June 19-July 19 Investigation of curriculum and instruction in science, with particular emphasis on current literature and research. Prerequisite: 471 or equivalent. Credit/no credit only.

601A 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). Credit/no credit only.

Courses by special arrangement

Undergraduate Research, Field Study, Independent Studies in Education, Independent Study or Research

Educational Leadership and Policy Studies (EDLPS)

M204 Miller Hall, DQ-12
Telephone: 543-1891

Provides 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 are offered.

496 Workshop in Educational Programs and Problems (1-6, max. 12)

A. Authority, Freedom and Culture—Survey of Educational Philosophies (3)

June 19-July 19 Surveys various educational philosophies by addressing the themes of Authority, Freedom and Culture. Following the outline of Jose Spring's book *Wheels in the Head: Educational Philosophies of Authority, Freedom and Culture from Socrates to Paul Frieri*, readings and discussion will center on: (1) autocratic and democratic forms of education; (2) dissenting traditions in education; (3) the politics of culture; and (4) education and equality of political power. Following this, attention turns to Maxine Greene's *The Dialectic of Freedom*, a more narrative treatment of the three themes of Authority, Freedom and Culture, and discussion centers on the role of education in the United States today.

505 Transition to Leadership (3-6, max. 6)

June 12-16 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.)

TWO EDUCATIONAL LEADERSHIP AND POLICY STUDIES COURSES

Special Topics in Educational Leadership: Stress in the Workplace

August 7-11
EDLPS 519A, 3 credits

Material representing a broad range of approaches are covered—from those which discuss specific techniques to relieve job-induced stress to those which discuss it in terms of the quest for happiness.

Workshop in Educational Programs and Problems

Authority, Freedom and Culture: A Survey of Educational Philosophies

June 19-July 19
EDLPS 496, 3 credits

Surveys various educational philosophies by addressing the themes of Authority, Freedom and Culture. Following the outline of Jose Spring's book *Wheels in the Head: Educational Philosophies of Authority, Freedom and Culture from Societas to Paul Fiere*, readings and discussion center on: (1) autocratic and democratic forms of education; (2) dissenting traditions in education; (3) the politics of culture; and (4) education and equality of political power. Following this, attention turns to Maxine Greene's *The Dialectic of Freedom*, a more narrative treatment of the three themes of Authority, Freedom and Culture, and discussion centers on the role of education in the United States today.

519 Special Topics in Educational Leadership (1-3, max. 9)

A. Stress in the Workplace (3)

August 7-11 Material representing a broad range of approaches are covered—from those which discuss specific techniques to relieve job-induced stress to those which discuss it in terms of the quest for happiness.

B. Religious Right and Public Education (3)

June 20-August 3 Compares the ideological perspectives of the "religious right" with those of "secular humanism." Materials written by representatives of these two perspectives are examined. The course could be especially useful to educators whose policies are being challenged by the "religious right" as well as students who are wanting an entry point for a more extended study of religion and public education.

530 History of Educational Thought (3)

June 19-July 19 An overview of the influence of cultural context on educational theory and practice from classical times to the present. [The whole of a culture—its institutions, texts, rituals and techniques—can be understood as the result of human efforts to learn from experience and to pass that knowledge on to future generations. In this course students explore education through periods of history and ask questions about education in textbooks, examine the ideas of leading educators and how to look to see if the meaning of education may have changed in democracy.]

579 Special Topics in Organizational and Policy Analysis (1-3, max. 9)

A. Creating the Learning Community: Rethinking American Education (3)

August 7-11 Since its inception, American education has been compartmentalized and isolated (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 an educational system 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, participants 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 the ability to think differently about what it means to be educated and how to create conditions that make such an education possible. This course is appropriate for those who aspire to leadership positions and are interested in a new way of conceptualizing the purpose, role and structure of public education.

B. Liberal-Conservative Debate in Education (3)

June 26-July 19 This course is especially useful to students who wish to consider the ideological basis for the politics of education. The books covered begin with a religious right critique of the common schools. Next comes a conservative/traditional critique of liberal studies in higher education, followed by a comparison of liberal and Marxist perspectives of education. Finally, there is a Marxist examination of the influence of conservative politics on education.

Courses by special arrangement

Independent Study or Research, Internship

Educational Psychology (EDPSY)

312 Miller Hall, DQ-12
Telephone: 543-6347

The 1995 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 educational research, special seminars in school counseling and neuropsychology.

Interested students will find core classes available in human learning, basic educational statistics and methods of educational research.

490 Basic Educational Statistics (3)

Measures of central tendency and variability, point and interval estimation, linear correlation, hypothesis testing. Prerequisite: entry code.

542 Career Development (3)

June 19-July 19 Emphasis on vocational development theory and research. Psychological, social and economic determinants of vocational development and choice are examined as a basis for vocational counseling. Prerequisite: graduate standing or permission of instructor, entry code. Credit/no credit only.

555 Seminar in Counseling Specialty (1-2, max. 6)**A. The School Counselor: Professional Functions (2)**

June 26-July 6 An introduction to the roles and functions of a school counselor. Who is a guidance counselor? What part does he or she play in the school? Emphasis is placed on the development of a comprehensive guidance program in a school. Ethical, legal and professional issues are also explored. This is a required course for certification in School Counseling. Prerequisite: entry code. Credit/no credit only.

B. Violence and Gangs in Schools (2)

July 20-28 An exploration of the prevalence of violence in public schools and the related question of gangs. Emphasizes a psychological understanding of violence and gang activities in developing ways and means of dealing with their related problems. Sociological factors are also considered. This course will satisfy as a topical seminar for the purpose of certification in School Counseling. Prerequisite: entry code. Credit/no credit only.

566 Case Study Seminar (1, max. 4)**A. Continuing Counseling Certification (1)**

June 19-30 Concurrent registration in EDPSY 566B is required. Integrates theoretical concepts with practice/service issues. Cases selected for discussion represent a wide range of problems and agency settings, including school and child problems. Prerequisite: entry code. Credit/no credit only.

B. Continuing Counseling Certification (1)

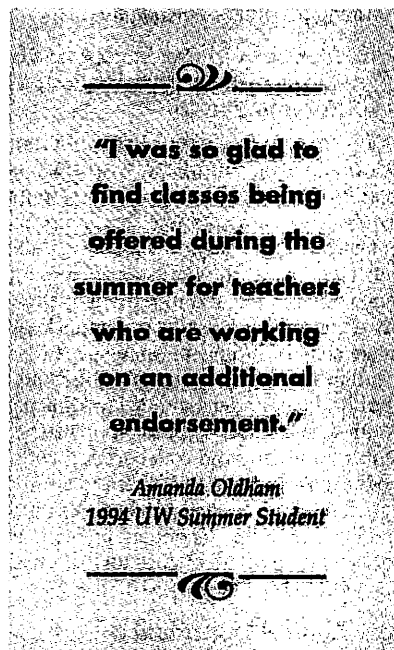
June 19-30 Concurrent registration in EDPSY 566A is required. Integrates theoretical concepts with practice/service issues. Cases selected for discussion represent a wide range of problems and agency settings, including school and child problems. Prerequisite: entry code. Credit/no credit only.

571 Educational Applications of Neuropsychology: Assessment and Intervention (5)

Students observe and administer neuropsychological tests to plan and carry out educational interventions for children with neuropsychological disorders for which school psychologists can provide assessment and consultation. Prerequisites: 540 or equivalent course in individual testing, 471 or permission of instructor, and entry code.

581 Seminar in Educational Psychology (1-3, max. 15)**A. The Thematic Apperception Test (3)**

June 19-August 18 Students learn how to administer, score and interpret the TAT test (including the childrens' version), which is designed for school psychologists, school counselors and related professionals. An important aspect of the course is the intervention strategies that can be developed by school psychologists and school counselors who utilize the TAT stories. Prerequisite: 541 or an equivalent graduate level course in psychological and educational testing, and entry code. Credit/no credit only.

**B. History and Systems (3)**

June 19-July 19 Provides background in the philosophical roots of the field of psychology, as well as a survey of the development of the science and practice of psychology. The course is designed to meet the background requirements for individuals interested in psychology licensure. Independent research will be required. Prerequisite: entry code. Credit/no credit only.

C. Crisis Intervention (2)

July 24-August 3 Addresses the theory, as well as provides a practical format for the delivery of crisis interventions. The course is designed for anyone who works in a position that may require addressing individual life crises, including positions as counselors, social workers, psychologists, nurses and teachers. The instructor, a former crisis center director, will provide experiential training in the process of crisis intervention. Prerequisite: entry code. Credit/no credit 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. Prerequisite: 490, entry code (312 Miller Hall).

Courses by special arrangement

Undergraduate Research, Field Study, Independent Studies in Education, Independent Study or Research, Case Study Seminar, Internship, Practicum

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)

June 19-July 19 Atypical children studied from the point of view of the classroom teacher.

414 Introduction to Early Childhood Special Education (3)

June 19-July 19 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)

June 19-July 19 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)**

June 19-August 18 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). Credit/no credit only.

B. Inclusion (3)

July 20-August 18 Provides students with information regarding the philosophy, instructional strategies and implementation resources of inclusive education. The questions addressed 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.

CLASSES TO BETTER UNDERSTAND STUDENTS AND THEIR NEEDS

Seminar in Educational Psychology: Crisis Intervention

July 24-August 3
EDPSY 581C, 2 credits

Addresses the theory, as well as provides a practical format for the delivery of crisis interventions. The course is designed for anyone who works in a position that may require addressing individual life crises, including positions as counselors, social workers, psychologists, nurses and teachers. The instructor, a former crisis center director, will provide experiential training in the process of crisis intervention. Prerequisite: entry code. Credit/no credit only.

Seminar in Counseling Specialty: Violence and Gangs in Schools

July 20-28
EDPSY 555B, 2 credits

An exploration of the prevalence of violence in public schools and the related question of gangs. Emphasizes a psychological understanding of violence and gang activities in developing ways and means of dealing with their related problems. Sociological factors are also considered. This course will satisfy as a topical seminar for the purpose of certification in School Counseling. Prerequisite: entry code. Credit/no credit only.

C. Techniques of Consultation and Collaboration in Special Education (3)

June 19-July 19 Focuses on the role of the special educator as consultant or collaborator in inclusive classroom or resource settings. Course content will include specific strategies for providing appropriate services for children with disabilities in general education settings. Cases generated by the class and the instructor will be used to illustrate concepts presented.

D. Classroom Management (3)

July 20-August 18 Focuses on positive classroom management techniques and ways of effectively communicating with students, parents and school-site personnel. Teaching social skills and developing a classroom management style are also among the other issues explored.

F. Teaching in the Inclusive Classroom from a Special Education Perspective (6)

June 19-July 19 This joint Curriculum and Instruction-Special Education workshop is designed for general education teachers in grades four to twelve who are interested in improving their instruction of students with mild disabilities in their classrooms. The workshop focuses on topics such as adapting and modifying instruction, study skills and social skills training, classroom management (including self-management), grading and graduation requirements, IEPs and deferred diplomas, understanding laws that pertain to youth with special needs, communicating with parents and others, and collaborating with special education teachers and others. In addition to assigned readings, participants will be involved in small group and independent projects, analysis of written and video cases and discussions. Meets with EDC&I 495A.

513 Clinical Appraisal of Exceptional Children (3)

July 20-August 18 Diagnostic instruments used in the clinical appraisal of exceptional children. Theoretical and measurement considerations are used to buttress practical experiences in appraisal related to intervention.

514 Specific Literacy Techniques for Elementary Students with Mild Disabilities (3)

June 19-July 19 Emphasis on basic prereading and reading skills, such as phonics and structural analysis, specifically for the young disabled child. Acquisition of comprehension skills by the disabled. Diagnosis of reading problems; published materials appropriate for children with disabilities, material modification.

520 Seminar in Applied Special Education (1-12, max. 12)

C. Specific Numeracy Techniques for Elementary Students with Mild Disabilities (3)

July 20-August 18 Provides teachers with effective methods of numeracy for students with disabilities, and ways to integrate it into inclusive elementary settings. Effective and efficient methodology for the classroom, and a spectrum of the current research are also presented.

Courses by special arrangement

Field Study, Independent Studies in Education, 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). Credit/no credit only.

423 Educating Diverse Groups (3)

July 20-August 18 Background information is provided on socioethnic/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)

Selective, in-depth participation and teaching experiences for postbaccalaureate students 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). Credit/no credit 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:

- MUSAP 220 MIDI Techniques
- MUSED 402 Rock and Roll Roots for Music Educators
- MUSED 496 Special Topics in Music Education:
 - A. Teaching Music Through Folk Dance
 - E. PCs for Marching Band: Arranging and Drill Writing
 - G. General Music in Middle School Through Guitar

For a complete list of courses, see pages 29-32.

Intensive language courses

Courses are offered in the following languages:

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

Advanced Study Program for high school students

The Advanced Study Program allows qualified, high-achieving high school students to enroll in UW courses during the summer. Students must have completed their high school freshman year by June 26. Each student enrolling for credit establishes a UW transcript. For details, see page 128.

UW Distance Learning

There is no limit to the number of distance learning credits which may be used for continuing certification and endorsements. For a list of courses, see pages 150-152, or call (206) 543-2320 for a UW Distance Learning Bulletin.

Content-area courses for educators

This is a partial list of individual departmental offerings of interest to educators. Some special courses include:

- AIS 431 History of American Indian Education (page 10)
- DRAMA 494 Special Studies in Theatre and Drama: The Internet and Mosaic: Tools for Learning (page 19)
- ENGL 475 Colloquium in English for Teachers: Seattle Tutoring Center Writing Link (page 21)
- FM 400 Forestry in Washington (page 59)
- GPHYS 480 Special Topics in Geophysics: Earth Sciences for Teachers (page 23)
- LIBR 598 Special Topics in Librarianship: Picture Books: Evaluation and Use (page 62)
- MATH 170 Mathematics for Elementary School Teachers (page 28)
- MATH 411♦ 412▲ Introduction to Modern Algebra for Teachers (page 28)
- MATH 444, 445 Geometry for Teachers (page 29)
- PHYS 405, 407 Physical Science for Teachers (page 34)
- PSYCH 410 Child and Adolescent Behavior Disorders (page 36)
- SPHSC 449C♦ Special Studies in Speech Pathology and Audiology: Children's Language Disorders: An Overview of Service Delivery (page 40)
- SPHSC 581 Management of Hearing-Impaired Children (page 41)
- SPCH 341♦ Oral Interpretation of Children's Literature (page 42)
- WOMEN 415♦ Gender Equity in Education (page 43)

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.

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 48 for details.

Puget Sound Writing Project

Affiliated with the National Writing Project, the Puget Sound Writing Project 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. The application deadline is May 1, 1995. Some spaces may be available after the deadline. For a brochure and application, please call (206) 543-2320. The application form at the back of this bulletin is not applicable.

Using the Internet for Curriculum Development

This hands-on five day course (Aug. 14-18) will explore the educational resources available to teachers and librarians on the Internet. For a brochure and application for this course offered through UW Extension, call (206) 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 (CHEM E)

105 Benson Hall, BF-10
Telephone: 543-2250

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.

405 Construction Planning and Scheduling (3)

Principles of construction planning and scheduling, including network analysis of construction activities, examination of arrow and precedence diagrams, time-cost tradeoffs, resource leveling, resource allocation, PERT, integrated cost/schedule systems, computer applications and a CPM project.

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: 441, 442.

481 Environmental Engineering Design (3)

Introduction to the theory and practice of planning and design of urban water supply, sewerage, solid wastes and drainage collection systems. Evaluation of service areas and service requirements and their relationships to urban and regional planning activities. Engineering methods and computer programs for designing basic system elements. Prerequisite: 351.

499 Special Projects: Transportation, Construction and Geometronics (1-5, max. 6)

Individual undergraduate research projects. Maximum of six credits allowed toward an undergraduate degree. Prerequisite: permission of instructor.

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: permission of instructor.

Course by special arrangement

Independent Study or Research

Transportation, Surveying and Construction Engineering (CETS)

599 Special Topics: Transportation, Construction and Geometronics (2-5, max. 15)

Prerequisite: permission of instructor.

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.

Course by special arrangement

Independent Study or Research

Computer Science and Engineering (CSE)

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

142 Computer Programming for Engineers and Scientists I (4) NW, Q/SR

Computer programming in high-level language. Algorithmics (variables, expressions, statements); abstraction (data types, subprograms, packages, generics); analysis (correctness, efficiency, numerics). Design and analysis: specification, coding, documentation, testing, debugging, evaluation. Using software tools. Not available for credit to those who have taken 210 or ENGR 141. Offered jointly with ENGR 142.

143 Computer Programming for Engineers and Scientists II (5) NW, Q/SR

Topics include analyzing algorithms; using/writing standard software components (queues, stacks, tables) implemented by private types, generic packages, and dynamic data structures. Last two weeks survey computer science topics. Not available for credit to students who have completed CSE 211. Prerequisite: ENGR/CSE 142.

Courses by special arrangement

Reading and Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation

Electrical Engineering (EE)

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: 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 (5)

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: 233, MATH 324.

371 Digital Circuits and Systems (5)

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 275 or CSE 143.

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: operational amplifiers, differential amplifiers, active filters, voltage references and regulators. Prerequisite: 332.

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: 341, ENGR 230 recommended or permission of instructor. 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

142 Computer Programming for Engineers and Scientists I (4)

Basic programming-in-the-small abilities and concepts. Highlights include procedural and functional abstraction with simple built-in data type manipulation. Basic abilities of writing, executing and debugging programs. Offered jointly with CSE 142. Not available for credit to students who have completed CSE 210 or ENGR 141.

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 five-credit composition course; all ESL required courses.

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.

315 Probability and Statistics for Engineers (3)

Application of probability theory and statistics to engineering problems, distribution theory and discussion of particular distributions of interest in engineering, statistical estimation and data analysis. Illustrative statistical applications may include quality control, linear regression, analysis of variance and experimental design. Prerequisite: MATH 307.

321 Engineering Cooperative Education (2-, max. 16)

Engineering practicum; integration of classroom theory with on-the-job training. Periods of full-time work alternate with periods of full-time study. Open only to students who have been admitted to the Engineering Cooperative Education Program. Requires subsequent completion of ENGR 322 to obtain credit. Credit/no credit only. Prerequisite: entry code (Loew 353).

322 Engineering Cooperative Education Postwork Seminar (0)

Reporting and evaluation of co-op work experience, and discussion of current topics in engineering. To be taken during the first quarter in school following each work session. Prerequisite: entry code (Loew 353).

323 Engineering Cooperative Education-Parallel (1-, max. 12)

Engineering practicum; integration of classroom theory with on-the-job training. Part-time work concurrent with study. Open only to students who have been admitted to Engineering Cooperative Education Program. Requires subsequent completion of ENGR 322 to obtain credit. Credit/no credit only. Prerequisite: entry code (Loew 353).

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).

499HA Special Projects in Engineering/Honors (1-3, max. 6)

Prerequisite: entry code (Loew 356).

Materials Science and Engineering (MSE)

302 Roberts Hall, FB-10
Telephone: 543-2600

553 Vacuum Science and Technology (3)

Fundamental theory and gas kinetics and treatment of gas flow, working principles of vacuum pumps and gauges, characteristics required of the vacuum components, material selection, funda-

mentals essential to vacuum system design. Covers both fundamental and practical aspects of modern vacuum science and technology

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, 260, 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 (T C)

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. Credit/no credit 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

The College of Forest Resources has expanded its offerings this summer, providing several courses of interest to summer-only students and to educators. A general introduction to the wide ranging field of forestry, including environmental issues, is presented in *CFR 101 Forests and Society*. *UHF 470 Urban Forest Landscapes* focuses on a range of factors that differentiate urban forest landscapes along the urban to wildland gradient. *ESC 350 Wildlife Biology and Conservation* focuses on wildlife aspects and the interrelationships between wild animals and humans. *FM 400 Forestry in Washington* is specifically tailored for teachers and education majors and examines the components of contemporary forestry practice and issues and their importance to the economy and quality of life in Washington state.

At the plant level, *UHF 202 Plants in Cities: An Introduction to Urban Horticulture* covers the use of plants in cities and implications in society, business, environment and quality of life in urban areas. *UHF 331 Landscape Plant Recognition* cov-

ers cultivated plant nomenclature and field recognition of important groups of woody and herbaceous landscape plants.

F E 340 Plane Surveying is a theory and practice course which covers the proper use of a variety of survey instruments and the appropriate techniques for data recording and presentation, including incorporation into GIS.

Those seeking to understand the creative process in general, including computer-aided creative thinking, will be interested in **PSE 309 Creativity and Innovation**.

College of Forest Resources (CFR)

101 Forests and Society (5) NW

Survey course covering forest ecosystems of the world, history of forestry and forest conservation, how forest ecosystems function, wildlife in forests, environmental issues in forestry, forest management, economics and products, and new approaches to forest management. Open to majors and nonmajors.

Courses by special arrangement

Graduate Studies, Independent Study or Research, Master's Thesis, Doctoral Dissertation

Ecosystem Science and Conservation (ESC)

350 Wildlife Biology and Conservation (4) NW

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.

412 Field Survey of Wildland Soils (3) NW

Designed to give students experience in studying soils in remote areas where little information is available about the site. Class includes a field trip across the Cascade Mountains. The route crosses the Cascades just north of Glacier Peak. Prior to the field trip, students and faculty will discuss the hiking area, soil and ecosystem changes, wilderness use and other topics of interest.

521 Current Topics in Ecosystem Science (2, max. 6)

Consideration of current literature and topics in forest ecosystems and tree physiology.

Courses by special arrangement

Undergraduate Studies, Internship, Wildlife Senior Project Proposal, Senior Project, Wildlife Senior Thesis, Graduate Studies in Forest Soils, Graduate Studies in Ecosystem Science, Graduate Studies in Forest Pathology, Graduate Studies in Wildlife Science

Forest Engineering (F E)

340 Plane Surveying (4)

Surveying theory and practice with emphasis on plane surveying. Proper use of survey instruments including engineer's tape, theodolite, level, and rods to measure and establish angles and distances. Appropriate techniques for data recording, reduction and written form presentation, drafting using CADD and COGO packages, and incorporation into GIS.

404 Forest Engineering Field Seminar (1)

Forest engineering activities examined and discussed during three all-day site visits. Opportunity for forest engineering and practitioners, faculty and students to interact in an informal, content-rich environment. Prerequisite: forest engineering student or permission of instructor.

Course by special arrangement

Undergraduate Studies, Graduate Studies in Forest Influences, Graduate Studies in Forest Engineering, Graduate Teaching Practicum, Current Topics in Wildland Hydrology

Forest Resources Management (F M)

400 Forestry in Washington (5)

Examines the components of contemporary forestry practices and issues and their importance to the economy and quality of life in Washington state. For education majors, selected laboratory sessions provide hands-on experience for classrooms K-12 using the Project Learning Tree activity guides. One all-day field trip.

540 Forest Health and Landscape Management (5)

Field course addressing forest health/landscape management through current field studies. Course covers ecological background, scientific issues, silviculture/protection activities, socioeconomic consequences, policy influences, market influences and the role of technology. All-day field trips one day each week. Prerequisite: permission of instructor.

568 Graduate Studies in Forest Economics (1-5)

This course focuses on topical issues in forest economics such as the case for and against log exports, capturing value-added products, the economics of environmental issues, sustainable forestry, forest products certification and exploring environmental impacts.

574 Seminar in Forest Products Marketing (1-5)

Evaluate and discuss current research topics in the area of marketing, marketing research, and international marketing of forest products. Presentation of a critical review of a published research paper based on research interests.

580 Seminar in Research Analysis (5)

Seminar for M.S./Ph.D. students working on data analysis and writing. Students will discuss the analysis of different forms of data. Each student will write the analytical chapter of his/her thesis as well as review and critique chapters from other students' theses.

Courses by special arrangement

Undergraduate Studies, Internship, Senior Project, Graduate Studies in Forest Fire Control, Graduate Studies in Forest Entomology, Graduate Studies in Forest Mensuration, Graduate Studies in Forest Management, Graduate Studies in Forest Photogrammetry, Graduate Studies in Forest Policy Analysis, Graduate Studies in Forest Resource Planning, Graduate Studies in Forest Sociology, Readings in Silviculture

Paper Science and Engineering (PSE)

309 Creativity and Innovation (2) VLPA

Understanding creativity and creative thinking; its challenges and dynamics through knowledge, judgment, planning and observation. Techniques of creative thinking. Design and development of creative games. Computer-aided creative thinking. Creation, protection and exploitation of a useful idea, including bargaining and negotiations. Prerequisite: junior standing or permission of instructor. Offered jointly with CHEM E 309.

Course by special arrangement

Undergraduate Studies, Graduate Studies in Forest Products, Internship

Urban Horticulture (UHF)

202♦ Plants in Cities: An Introduction to Urban Horticulture (3) NW, I&S

Introduction to the use of plants in cities for the benefit of people who live there, including plant selection, production, design, utilization, maintenance and management with implications in society, business, environment and quality of life in urban areas. Intended primarily for nonmajors and potential majors.

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. Offered jointly with BOT 331. Recommended: BOT 113.

470 Urban Forest Landscapes (5)

A comprehensive view of urban forestry and urban forest landscapes, including a close examination of factors that differentiate urban forest landscapes along the urban-wildland gradient. Factors include legal, social, political, administrative, physical and biological variations.

479 ▲ Field Studies in Restoration Ecology (5)

Structure and process in ecological/urban restoration. The relationship between the functions that an ecosystem performs and what can be created or reinforced by restoration. Review of applied techniques in environments which are amenable to restoration. Analysis of planning, execution, monitoring and end product of restoration efforts. Relationships between ecological theory and performance. Three weekend field trips are required.

Course by special arrangement

Undergraduate Studies, Internship, Senior Project in Urban Forestry

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: 685-2021

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

291 Analysis for Biologists (5) NW, Q/SR

Calculus for biologists. Differentiation and integration of single- and multiple-parameter models are presented using examples from biology and ecology. Both numerical and analytic techniques in the analysis of problems are presented.

340 Applications for Computers to Natural Resource Problems (2) NW

An introductory course in computing for undergraduates in fisheries and forestry emphasizing use of personal computers. Use of existing software for spreadsheet analysis, database concepts, graphics, routine statistical analysis and text processing. Introduction to simulations. Prerequisite: 381 or equivalent introductory statistics course.

381 Introduction to Probability and Statistics (5) NW, Q/SR

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.

392 Techniques of Applied Mathematics in Biology I (3) NW

Ordinary differential equations—linear and nonlinear; systems of differential equations; approximation techniques, numerical solution techniques; applications to biological processes. Pre-

requisites: 292 or MATH 126 or permission of instructor.

482 Statistical Inference in Applied Research (5) NW

Statistics for biologists. Parametric and nonparametric 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 1995 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 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 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, 1995.

Non-law students matriculated at the University of Washington enroll using STAR. Other individuals, including non-law students matriculated at other schools or colleges, should complete the Summer Quarter 1995 application form on the inside back cover of this bulletin.

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) I&S

Understanding the legal system, its functions in the socio-economic order, legal reasoning and the legal profession. This course considers materials and methods of law study, the anatomy of a legal dispute, analysis of judicial decisions, the criminal justice system, interpretation of statutes and the role of the courts. Students can take term a, term b, or both. Meets with POL S 499D, SO JU 450B and O E 200. Open to non-law students only.

416/B516◆ International Contracting: Negotiation and Drafting—U.S./Asia Commercial Transactions (3)

A skills course designed to introduce the student to the process and problems of negotiating and drafting international agreements. The course will involve client interviewing and counseling as well as the negotiation and drafting of a contract between parties in the United States and Japan. It will be conducted with students from the School of Business Administration as clients. Open to law and non-law students. Meets with POL S 499C.

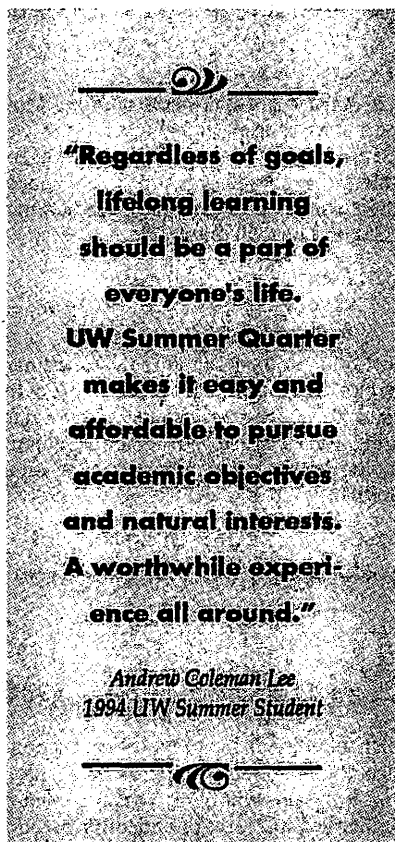
442/A542▲ Land Law and the Urban Environment (3)

Examination of the major legal tools available to shape the urban environment by controlling the use of the land. Considers zoning, subdivision controls, urban renewal, private land-use restrictions and the rules of nuisance law. Open to law and non-law students. Credit/no credit only.

447/A547◆ Critical Perspectives on Law (3)

This course examines law and legal institutions from the perspectives of three relatively recent critical "schools" of American jurisprudence: critical legal studies, feminist legal theory and critical race theory. What do scholars writing from these perspectives have to say about the difference between law and society? Law and politics? Law and oppression? Law and non-law in general? The concept of "outsider jurisprudence" is

explored, along with the application to legal studies of various traditional and nontraditional methods of social criticism. Open to law and non-law students, but a firm general background knowledge of the American political and constitutional system is presupposed. (Not available to students who have already taken *Critical Legal Studies* [Law A547].) Meets with POL S 499E and SO JU 450C.



476/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. Meets with POL S 499F.

477/B577◆ Law and Literature (3)

An examination of the interaction between law and literature. Students will explore the way literary portrayals of legal issues, lawyers and the legal system differ from or resemble "traditional"

legal texts and consider the influence that literature and literary techniques may have upon judges, lawyers and the practice of law. Secondary material, including literary criticism, critical race and gender legal scholarship and analysis of law as literature will also be related to the texts read in the course. A paper may be submitted in lieu of the final exam. Open to law and non-law students. Meets with C LIT 496◆.

489/A589▲ Law and Aging (3)

Surveys the principal areas of law of special concern to aging population. Attention will be given to the demographic, economic and historic context in which the current issues arise with specific consideration to 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 counseling 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. Courses also are 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 Hanne Albrechtsen, Associate Professor, The Royal School of Librarianship, Copenhagen, Denmark; James Hambleton, Executive Director, Law Library, Texas Wesleyan University, Irving, Texas; Dr. Herman Totten, Regents Professor, School of Library and Information Sciences, University of North Texas, Denton, Texas; and Dr. F. William Summers, School of Library and Information Studies, Florida State University, Tallahassee, Florida.

Students in other programs are encouraged to enroll in these courses offered by the Graduate School of Library and Information Science.

Library and Information Science (LIBR)

133 Suzzallo Library, FM-30
Telephone: 543-1794

503♦ Bibliographic Data Bases (4)

June 19-July 19 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.

528▲ Literature Searching (3)

July 21-August 16 Concepts and techniques of professional literature searches, using a variety of standard search languages on representative types of bibliographic data bases and on-line reference resources. Analysis and evaluation of data bases. Prerequisites: 503 or permission of instructor; recommended 501.

577♦ Law Library Administration (4)

June 19-July 19 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. Credit/no credit 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. Credit/no credit only.

598♦ Special Topics in Librarianship

A. Classification and Indexing of Technical Documents and Software (3)

June 19-30 Presents the principles of description and subject analysis of software applications and components through analysis and development of different types of subject representations, such as indices and classification systems for software and technical documentation, as well as through various approaches to text analysis. General principles for classification and indexing are introduced as a basis for applying and developing specific approaches to classification and indexing of software. Subject analysis will consider different styles of text composition and writing (composition studies) for reading and understanding the documentation. Course will address how catalogs and databases of reusable software concepts can be applied to support the software development process in different domains, by offering reuse of domain-specific design knowledge as alternatives to following generic models for software system design. Credit/no credit only.

B. Information Resources in Culturally Diverse Communities (3)

July 3-14 Information resources, methods and services to meet access needs of ethnic cultural minorities. Issues in the provision of information services to ethnic cultural minority communities. Study of the needs and cultural milieus of these communities. Materials and methods for serving these groups. Credit/no credit only.

598▲ Special Topics in Librarianship

C. Picture Books: Evaluation and Use (3)

July 20-August 2 An in-depth study of Mother Goose, poetry, concept, alphabet, counting, wordless, informational, contemporary realism, folktale and memorable animal picture books for children, with emphasis on their evaluation and use. Credit/no credit only.

D. Managing Information Organizations for Human Services (3)

August 7-18 Course examines the fundamental principles of management in the context of technological and social changes affecting information organizations. Focuses on the management of technology to serve the needs of people. Credit/no credit 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: 543-5145

510♦ Topics in Medical History and Ethics (*, max. 6)

A. Evolutionary Ethics (2)

Seminar exploring background and implications of ideas in *The Temptations of Evolutionary Ethics* by Paul Farber. Prerequisite: graduate standing; entry code required. Credit/no credit only.

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 29.

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. Credit/no credit only.

551 Experimental and Molecular Pathology (2-5, max. 20)

Prerequisite: entry code. May be repeated for credit. Credit/no credit 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 observa-

tion 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, crytochemistry 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)

G424 Health Sciences Center, SJ-40
Telephone: 543-0950

503 Physiological Instrumentation (4)

Introduction to linear systems and electronic circuits. Topics include basic circuit theory; step and sinusoidal response of first- and second-order linear systems (RLC circuits, mechanical and hydraulic systems); bode plots; Fourier analysis; operational amplifier circuits. Associated laboratory exercises. Prerequisites: beginning calculus, permission of instructor.

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 Readings 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

T310 Health Sciences Center, SC-72
Undergraduate Program, 543-8736
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 T310 Health Sciences Center, SC-72, or call (206) 543-8736 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. Credit/no credit 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.

590 Special Topics in Nursing Research (2-3, max. 9)

Examination of a specific research method, with evaluation of appropriateness, efficiency, rigor of measurement, and potential for inference for nursing research. Prerequisites: minimum of 5 credits of basic nursing research methodology at graduate level and permission of instructor.

A. Interventions

B. Qualitative Methods

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.

529◆ Seminar in Care Systems Management (3)

Nursing science framework for analysis of the performance of care systems and of innovative change in care systems. Improving care through the use of leadership, quality improvement, and clinical and organizational effectiveness. For nonmajors in care systems management.

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.

- A. *Multicultural Family Health (3)*
- B. *Social Construction of Health and Illness (3)*

575 Death Influence in Clinical Practice (2-4)

Analysis and study of social, cultural and psychological conditions that influence human death in modern society. Research findings, selected readings and direct experience provide direction for examination of philosophic, theoretical, and pragmatic issues underlying choices and decisions in clinical practice. Open to graduate students with permission of instructor. Limited to 16 students.

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.

511 Seminar in Neonatal Nursing (3)

Neonatal neurobehavioral and physiologic adaptation within context of physical and social environment. Neonatal responses to alterations in growth and illness. Assessment modalities and therapeutic strategies used during the neonatal period. Prerequisite: 529 or permission of instructor.

512 Advanced Practicum in Parent and Child Nursing (2-12, max. 25)

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. Credit/no credit only.

516 Nursing Management of Acutely Ill Children and Their Environments (1-5)

Nursing management of children with acute illnesses. Scientific principles, theories and research used in planning, implementing and evaluating nursing care of children at different levels of acuity and their families. Prerequisite: permission of instructor.

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.

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, implemen-

tation 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 selected situations in area of clinical interest. Minimum of seven hours of guided experience weekly. Prerequisites: 541.

- A. *Acute/Critical Care*
- B. *Acute/Critical Care*
- C. *AOA Primary Care*
- E. *AOA Primary Care*
- F. *AOA Primary Care*

550 Seminar in Neuroscience Nursing (3)

Guided survey of clinical and experimental literatures regarding selected concepts of human functioning mediated by the nervous system: consciousness, mentation, movement, sensation, integrated regulation, coping with disability. Clinical and research measurement, current research and implications for further research, clinical applications.

561 Pain Management (3)

Course focuses on nursing management of pain as a multidimensional phenomenon. Pharmacologic and nonpharmacologic therapeutics are critically reviewed for appropriateness in treatment of acute, chronic and cancer pain. Nursing actions to initiate and maintain optimal therapy, based on individual responses, are reviewed and evaluated. Research-based clinical decisions are practiced.

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.

515 Memory Theory and Implications for Health Care (3)

Presents comparative analysis of research, theories of memory and their physiological basis. Means of measuring memory are critically evaluated. Current clinical problems and the therapeutic and care interventions using memory theory and rehabilitation are evaluated. Prerequisite: graduate or advanced undergraduate standing, or GNM or NM standing with permission of instructor.

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.

555 Advanced Clinical Therapeutics Seminar (4)

Opportunities to test and evaluate selected theories presented in 554. Faculty and preceptor supervision in clinical agencies guide students' therapeutic skills in working with individuals, groups and families. Collaborative interactions with interdisciplinary team members. Prerequisite: concurrent registration in 554, or permission of instructor.

565 Self-Management Strategies and Techniques in Patient Care (3)

Theories underlying cognitive/behavioral self-management strategies and techniques in patient care. Evaluation of the clinical appropriateness and utility for nursing. Application to such clinical problems as abstinence in the recovering alcoholic, depression and eating disorders. Prerequisite: graduate standing or permission of faculty.

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

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) NW**

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

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) NW

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 didactic course work. Under direct supervision of Student Health Service pharmacist and University Hospital pharmacists. Prerequisites: pharmacy major and entry code. Credit/no credit 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. Credit/no credit 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. Credit/no credit 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. Credit/no credit 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. Credit/no credit 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. Credit/no credit 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.

493 Medical Literature Evaluation (2)

Introduction to steps involved in the assessment of primary and other literature sources. Students required to read and critique medical literature. Classes conducted in journal club format. Prerequisite: 309

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. Credit/no credit 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. Credit/no credit 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)

504 Administrative Ethics (3)

Moral dilemmas that confront public managers. Critical view of societal and political values that prescribe moral behavior. Organizational and professional ethics. Ethical problems of public organization managers. Systematic means for understanding, analyzing and coping with moral issues that appear in a career.

Instructor: Margaret A. Grimaldi is the Ethics Administrator for the King County Board of Ethics, Seattle, Washington. Before coming to King County in 1992, she taught European history and political science for the University of Maryland and the University of Wisconsin in their overseas program.

595 Topics in Environmental Policy and Management (3, max. 12)

U. Public Responsibilities and Private Choices: Emerging Environmental Approaches (3)

Environmental policy for both pollution related problems and natural resource conservation issues is at a crossroads. Single chemical, single media, single species approaches are revealing significant wear and tear in addressing the critical issues of the day. New concepts and tools, some in isolation and some in an emerging context, are being developed to confront the daunting challenges of resource depletion and overall pollutant loadings. The course will relate how comparative risk assessment, pollution prevention, market incentives and ecosystem management, and other concepts contribute to the aspirations and definition of achieving sustainable

development. The course will conclude with an examination of key global environmental challenges and an analysis of selected strategies to meet these challenges.

Instructor: William R. Ross, President of Ross and Associates Environmental Consulting, Ltd., an environmental and natural resources consulting firm located in Seattle, Washington. Ross is the former commissioner of the Alaska Department of Environmental Conservation, and has held numerous other natural resource policy positions within the government.

598♦ Administrative Skills Workshops (1-3)

U. Oral Communication for Public Administrators (1)

June 21, 28, July 5, 12 and 19 only Public sector administrators speak to diverse and sometimes hostile audiences. This workshop focuses on skills critical to presenting your message effectively. Skills include: analyzing your audience, organizing a persuasive message, focusing listeners attention, answering hostile questions. In class videotaping with playback and discussion.

Instructor: Michael Shadow, Ph.D., prepares public sector leaders for presentations, public appearances and media interviews. His international clients include leaders of government, judges, directors of agencies and heads of non-profits who must be effective when explaining, defending or proposing their policies, budgets or decisions.

V. Total Quality Management (1)

June 19, 21, 26 and 28 only This course discusses the concepts, principles, methods and tools of work process improvement and the management possibilities to support work.

Instructor: Helen Harte is the Director of Quality Resources at Pacific Medical Center, where she serves as an internal consultant in quality management. She has a Master's Degree in Public Administration from the University of Washington.

W. 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 explores two of the most perplexing: working with boards of directors and with volunteers. The first half of the workshop deals with understanding the roles and functions of different types of non-profit boards. The workshop's second component focuses upon issues of effective recruitment, utilization and management of volunteers, combined with the successful integration of volunteers into the organization.

Instructor: Lynne Iglitzin, Ph.D., has served as executive director of two national organizations, and as a board member of numerous nonprofit organizations.

599♦ Special Topics (2-6)

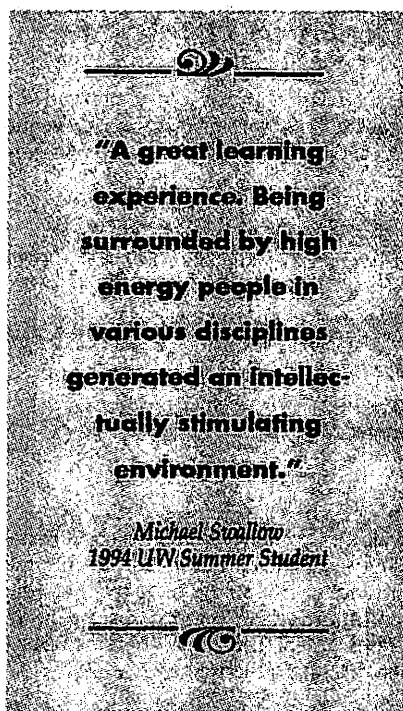
A. Media Relations (3)

Gives students an understanding of the media, including the value of developing effective working relationships with members of the press, and the tools to develop such relationships. Students will develop media relations plans as part of the course work.

Instructor: Jan Hinman is a veteran Seattle-area newspaper reporter and now operates Communication Concepts, a writing and media relations business.

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 aca-

demical 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)

Offered jointly with STAT 578A. Prerequisite: entry code. Credit/no credit only.

B. Drug Evaluation (3)

Offered jointly with STAT 578B. Prerequisite: entry code. Credit/no credit 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. Offered jointly 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. Credit/no credit 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.

590 Selected Topics (1-6)

A. Topic to be arranged

In-depth study of a current environmental health topic. Prerequisite: entry code. Credit/no credit 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.

Courses by special arrangement

Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation, Doctoral Research Rotations, Field Studies

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.

Offered jointly with HSERV 505. Prerequisite: M.D., O.D., or permission of instructor. Credit/no credit 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. Offered jointly 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. Offered jointly 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. Offered jointly 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. Offered jointly with EPI 525. Prerequisite: M.D., O.D., or permission of instructor. Credit/no credit 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 economic policies. Students participate in a case study formulating a pharmaceutical policy in a developing country. Offered jointly 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)

Credit/no credit only.

Courses by special arrangement

Independent Study or Research, Fieldwork in Community Medicine, MHA Field Project, Master's Thesis

Pathobiology (PABIO)

F143 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. Credit/no credit 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. Credit/no credit 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.

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. Credit/no credit only.

Courses by special arrangement

Tutorial or Dissertation

Social Work (SOC W) M.S.W. Program

515 Foundation Practicum
(1-8, max. 12)

Credit/no credit only.

525 Advanced Practicum
(2-10, max. 24)

Agency-based advanced practicum. Prerequisite: 515, foundation courses and social work major. Credit/no credit only.

599 Readings in Social Work (*)

Credit/no credit only. Prerequisite: permission of instructor.

Courses by special arrangement

Independent Study or Research, Master's Thesis

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. 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. 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

Evening Degree Program

Evening Degree Programs are available at the University of Washington in Seattle and at UW 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, business, English, history, humanities, political science, psychology, social sciences and sociology may be earned through the Seattle program. Master's degree programs in construction management and social work are also offered. UW

Bothell and 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 pages 69-70 are offered in Seattle. Evening degree students have priority in registering for these classes. Other individuals can register for these classes beginning June 19, 1995. Please see pages 71-73 for summer evening degree classes at UW Bothell and Tacoma. Continuing UW students who enrolled for Spring Quarter 1995 in Seattle or at UW Bothell or Tacoma 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 an application to the Evening Degree Program in Seattle, call (206) 543-6160. Please call UW Bothell at (206) 685-5300 or UW Tacoma at (206) 552-4400 for information about evening programs at the branch campuses.

College of Architecture and Urban Planning

Building Construction (B CON)

500 Design and Construction Law (3)

Study of contract law as applied to the design and construction practices. Emphasizes 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. Emphasizes the use 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.

College of Arts and Sciences

Anthropology (ANTH)

434 Comparative Morals and Value Systems (3) I&S

Moral basis of human society and comparison of value systems based on anthropological studies. Prerequisite: 202 or permission of instructor.

Art History (ART H)

202 Survey of Western Art: Medieval and Renaissance (5) VLPA

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

203 Survey of Western Art: Modern (5) VLPA

Western art from 1520 to the present.

Communications (CMU)

202 The Phenomena of Communicating (5) I&S

Types of communicating behaviors in progressively more complex situations, from individual cognition through interpersonal interactions to mass communications.

English (ENGL)

324 Shakespeare After 1603 (5) VLPA

Shakespeare's career as a dramatist after 1603. Study of comedies, tragedies and romances.

354 American Literature: The Early Modern Period (5) VLPA

Literary responses to the disillusionment after World War I, experiments in form and in new ideas of a new period. Works by such writers as Anderson, Toomer, Cather, O'Neill, Frost, Pound, Eliot, Cummings, Hemingway, Fitzgerald, Faulkner, Stein, Hart Crane, Stevens and Porter.

Geography (GEOG)

349 Geography of International Trade (5) I&S

Examines international production and the circulation of commodities. Resource extraction and the international division of labor established during colonialism; production and trade during the period; contemporary movement of commodities; role of the state in different economics and growing Pacific Rim influence.

History of Asia (HSTAS)

454 History of Modern China (5) I&S

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

Modern European History (HSTEU)

304 Cultural History of Renaissance Europe (5) I&S, VLPA

Examination of Medicean Florence, late 16th century France, Elizabethan England, and the baroque courts of the early 17th century as cultural centers. Includes analysis of painters such as Botticelli and Rubens; poets such as Ronsard and Donne; philosophers such as Pico and Montaigne; and playwrights such as Marlowe, Shakespeare and Lope de Vega.

Political Science (POL S)

447 Comparative Politics Seminar (5, max. 10) I&S

Selected comparative political problems, political institutions, processes and issues in comparative perspective. Strongly recommended: 204.

YA. Choosing Winners: Electoral Systems and Democracy (5)

YB. Politics of European Community (5)

Psychology (PSYCH)

305 Abnormal Psychology (5) I&S

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.

Sociology (SOC)

352 The Family (5) I&S

The family as a social institution. Historical changes and societal variation in family patterns. Changes over the life cycle. Alternative family forms.

460 Social Differentiation (5) I&S

Analysis of societal organization based on sex, age, residence, occupation, community, class, caste and race.

Women Studies (WOMEN)

313 Women in Politics (5) I&S

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. Prerequisite: 200 or a political science course.

School of Business Administration

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.

International Business (I BUS)

300 International Environment of Business (5)

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' performances as managers, consumers and citizens. Prerequisites: ECON 200, 201, junior standing, admission to business administration or permission of undergraduate office.

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, junior standing, and admission to business administration or permission of undergraduate office.

Organization and Environment (O E)

302 Organization and Environment (4)

Political, social and legal environment of business. Critical managerial issues from historical, theoretical, ethical perspectives; their impact on organization. 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.

UW Bothell and UW Tacoma Campuses

To apply for summer-only admission at UW Bothell or UW Tacoma, 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 UW Bothell at 685-5300, 1-800-736-6650, or 685-5303 (TDD); or UW Tacoma at 552-4400, 1-800-736-7750 or 552-4413 (TDD).

UW Bothell Campus

Business Program

All business courses meet June 19-August 18.

BBUS 300 Managing in Organizations (5)

Creative and innovative approaches to management, including leading management theories and strategies and their real-world applications. This course includes: recent case studies of world-class organizations, new research findings, and presentations by leading business executives.

BBUS 320 Introduction to Marketing Management (5)

Focuses on designing tools, concepts and strategies for problem solving in marketing management.

BBUS 340 Operations and Project Management (5)

Focuses on understanding the techniques in planning, operating and controlling the production process. Problems include: manufacturing, inventory systems, production scheduling, improvement curves, productivity in service organizations and total quality management.

BBUS 350 Business Finance (5)

Focuses on understanding the sources, uses, costs and control of funds in business organization. Issues include: the internal management of working capital, sources of capital, financing new ventures, capital budgeting and financing the growth of businesses.

BMGMT 450 Leadership and Decision Making (5)

The manager is seen as business leader and decision maker. Various leadership theories, styles and behaviors. Decision-making models and techniques.

BMKTG 460 Marketing Research (5)

Designed to provide the student with a thorough understanding of basic concepts and knowledge of the major methodologies of marketing research. Covers the entire research process—ranging from problem definition, research design, questionnaire construction and sample selection to data collection and analysis. Provides a good introduction to various standard and state-of-the-art data analysis techniques and software packages.

Education Program (BEDUC)

All education courses meet June 26-July 26.

520 History of African Americans in Seattle: Content and Methods (3)

Focuses on the content and methods teachers need to incorporate information about the history of Seattle's African American community into their courses. Primary emphasis is on the period from the massive influx of rural African American's into Seattle beginning with World War II to the transformation of African American leadership in the 1960s from an integrationist to a "black power" stance. *The Forging of a Black Community: Seattle's Central District From 1870 Through the Civil Rights Era* by Quintard Taylor will be the main text for the course. Offered jointly with EDC&I 505D.

534 Process Writing Across the Curriculum (3)

An overview of research and theory on writing development in children and youth. Examines the relationships among reading, writing and content knowledge acquisition. Methods for teaching writing in the classroom are discussed and critiqued.

551 Theories of Organizational Change and School Reform (3)

A course on current theories of organizational change and implications of those theories for contemporary school reform initiatives. Designed to increase the effectiveness of teachers' contributions to school reform.

555 Families, Communities and Schools (3)

An examination of forms of collaboration, contention and controversy in the relationships between schools, the families of students and local communities from historical, sociological and political perspectives. Topics include analysis of changing family structures, critique of "traditional" models of parent involvement in formal schooling, competing definitions of "community" and alternative models of family and community collaboration.

591 ♦ Special Topics in Education (1-5, max. 10)

A. Cooperative Learning (3)

Students in this class are exposed to current theories of cooperative learning. Working in small groups, participants apply models aimed at creating a positive classroom atmosphere, generating cooperative attitudes, selecting appropriate learning activities and evaluating group work. The role of the teacher and the effect of competition on student learning is also examined. Credit/no credit only.

B. Seminar in Research and Writing for Educators (3)

A capstone course on research methods and professional writing in education. Open to majors only. Prerequisite: permission of program director.

Courses by special arrangement

Independent Study, Practicum

Liberal Studies (BLS)

All liberal studies courses meet June 19-July 28.

304 Personality (5)

A comprehensive survey of research and theory on what distinguishes one person from another. Covers (1) the nature of individual differences, (2) research, (3) assessment and (4) theories of change within the psychoanalytic, dispositional, phenomenological, behavioristic and transpersonal perspectives. Emphasizes cultural influences in perspective.

315 Understanding Statistics (5)

Prepares students for the critical reading of reports and articles that contain statistical material in their field of study. Course covers basic probability concepts, statistical calculations, data analysis and statistical tests. The personal computer is an integral part of the course; used both to develop statistical concepts and show students how to do statistical analysis on the computer. Students will be expected to do hands-on work on the PC. Prerequisite: knowledge of algebra.

Liberal Studies: Comparative U.S. Studies (BLSUS)

All liberal studies courses meet June 19-July 28.

315 Democratic Capitalism (5)

Examination of the interaction between markets and politics. Special attention is given to the challenge democratic rule exerts upon private property and the corresponding challenge of capitalism to norms of equality and justice.

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, into a desert—always going to a mythical West. This course explores in literary texts, 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)

A critical examination of American Indian education from a historical and topical perspective; review federal, state and tribal policies and programs; and discuss the educational aspirations of American Indian people within the context of national educational goals. Consists of lectures, guest lectures (when available), readings and discussions of selected topics and themes.

475 Chicano Literature and Culture (5)

Explores Mexican-American cultural expression in literary works in connection to significant non-literary influences on this expression, such as historical, political and mythical. The course encourages students to develop a broad view conducive to an academically sound study of the subject and recognition of the plurality in American culture.

Liberal Studies: Comparative International Studies (BLSIN)

All liberal studies courses meet June 19-July 28.

374 Major Figures of German Literature (5)

Covers shorter texts in translation by prominent authors who wrote in the German language, such as Luther, Goethe, Kleist, von Arnim, Hoffmann, Marx, Nietzsche, Mann, Kafka, Freud, Grass and Handke. Emphasis is on the critical examination of these texts in their historical and cultural context. Lectures and discussions familiarize students with a broad range of tools employed in contemporary literary and cultural criticism. Readings are supplemented by the viewing and discussion of theatrical and cinematic adaptations.

**390 Special Topics (5, max. 15)
A. Democratic Prospects for Eastern Europe (5)**

Must be taken in conjunction with BLSUS 315.

C. Madness in Literature and Film (5)

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.

452 Marx, Nietzsche, Freud (5)

Explores the challenges of traditional Western conceptions of the self, knowledge, history and art by these classic authors of modernity through the close examination and discussion of some of their most influential texts: Marx's *The German Ideology*, Nietzsche's *On the Genealogy of Morals* and Freud's *The Interpretation of Dreams* and *Civilization and its Discontents*. Particular attention is paid to the significance of their writings to contemporary critical theory and to questions of interpretation within the humanities.

UW Tacoma Campus

Business Program

TMGMT 430A Managing Employees (5)

Focuses on managing employees as a human resource function in the organization. Skills in planning, forecasting, training, performance appraisal, wage and salary administration, benefit programs and discipline are emphasized which are critical for attracting, developing and maintaining an effective work force over the long term.

TMGMT 490 Special Topics (5, max. 25)

A. Small Business Development (5)

Strategic planning, analysis and problem solving for small businesses. Topics include small business startup, managing growth, improving efficiency and managing employees. Course project emphasizes developing managerial skills. Prerequisites: TBUS 300 and TBUS 320.

TMKTG 490 Professional Sales Management (5)

Sales training, organization, planning and management: development of the knowledge and skills to adjust to dynamic technological and market changes in today's competitive environment. Topics include the management of the sales force, methods of sales, costs, performance analysis, developments in communications and computer technology, rising customer expectations, globalization of markets and reward systems.

Teacher Certification Program (TEDUC)

451 Topics in Literacy: Beginning and Remedial Reading (3)

Designed to provide students with both the theoretical and empirical foundations for designing and delivering beginning and remedial instruction. Content covered includes assumptions underlying the two major approaches to beginning reading instruction, evaluation and modification of curriculum materials, and methods for monitoring student progress toward literacy.

461 Topics in Numeracy: Foundations of Mathematics Instruction (3)

Introduces preservice teachers to the issues, methods and materials they will encounter when they begin teaching mathematics. The course also outlines instructional approaches especially effective with students who may be at risk for academic failure.

462 Topics in Content Instruction: Integrated Instruction for Social Studies (3)

This course is intended to help prospective teachers acquire the knowledge and skills to teach the democratic ideal, cultural diversity, economic development, global perspective and participatory citizenship in their classrooms.

471 Diversity and Equity in Schools and Curriculum (3)

Designed to help prospective teachers acquire instructional methods and multicultural understanding necessary to address the learning needs of a diverse student population.

472 Theories of Child Development and Learning (3)

Designed to give preservice teachers the theoretical, conceptual and empirical bases to examine learners, learning and teaching. The translation of theory into practice using classroom examples is also emphasized.

473 Classroom Assessment (3)

Helps teachers explore various forms of assessment and understand their effects on students.

474 Social Dynamics of Schools (1)

Helps prepare teachers for full participation in school. Provides insights into the nature of group dynamics by developing a commitment to group decision-making, and by teaching modes of conflict resolution.

Master of Education Program (TEDUC)

501 Education in Society: Political, Economical and Cultural Perspectives (3)

An inquiry into the social forces that impinge upon, augment or contradict the educational mission of public schools. Topics include relationships between education and social power, issues of gender, race and class, the sources of crisis in learning and schooling, school reform and the potential for teacher-led educational change.

504 Understanding Educational Research (3)

An introduction to research in the behavioral and social sciences relevant to the study of education. Designed to give students the opportunity to review and critically analyze research representing

several methodologies. This is a consumer-oriented course. Emphasis is placed on the evaluation of research literature and the generalizability of research findings.

522 Multicultural Education: Critical Issues (3)

A critical exploration of the major intellectual, political and pedagogical issues in multicultural education. Students 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.

532A Integrated Curriculum: Classroom Design and Instruction Strategies (3)

Deals with the pedagogical issues encountered by elementary, junior and senior high school teachers who plan to develop interdisciplinary instruction. Students are encouraged to ask critical questions, hypothesize possible solutions and explore ways which promote high-level thinking and stress democratic values.

540♦ Children and Youth At-Risk: Critical Issues (3)

Designed to provide several perspectives on the at-risk student. The first half of the course focuses on determining who these students are and identifying conditions that place them at-risk. The second half of the course emphasizes 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.

591 Special Topics in Integrated Curriculum (1-3, max. 9)

A. Exploring Critical Health Issues in Health and Society Through Children's and Young Adult Literature (3)

June 19-July 19 Health issues have become a personal and societal concern. This course provides relevant information on current health issues, creates conceptual frameworks on health education, and explores ways to integrate health issues with reading, writing, literature, social studies and health sciences in the K-12 curriculum.

B. Curriculum Design in Educational Technology (3)

July 20-August 18 Provides advanced study in the use of new tools of educational technology: laser disk, CD-ROM, computer software, multimedia, the Internet, etc. Course methods include reading and discussion; research and evaluation;

the study of curriculum theory and design; and hands-on use of the new tools of educational technology. Students design for classroom use units that use these tools. Prerequisite: TEDUC 566 or permission of the instructor.

Courses by special arrangement

Independent Study, Practicum, Culminating Project

Liberal Studies (TLS)

353 The End of the Modern World: 1600-2000 (5)

The "modern" period will probably be dated in history books as running from 1600-2000, identified as such not only by the rise of science and technology, but also by a characteristic set of fundamental images and assumptions. This course investigates the origin and influence of these images and assumptions and discusses the forces that are undermining them. Concludes with a consideration of what may replace them in the course of the next few decades.

453A Health, Illness and Culture (5)

Explores meanings of health and illness in contemporary American culture. Also considered are historical, cross-cultural and literary examples. Conversely, health, illness and therapeutic and preventive practices provide crucial insights into aspects of American culture and society.

Liberal Studies: Comparative U.S. Studies (TLSUS)

432 Schooling in the United States (5)

An historical examination of formal education in the United States from the colonial period to the present, with special consideration of the forms and content of schooling for working people, women, African Americans, Native Americans and other minority populations. Students inquire into the meaning of specific forms of schooling over time, the nature and context of educational reforms, changes in pedagogy and structures, and the historical landscape.

485A Media Genres (5)

Study of genre, the thematic classification of films (e.g. westerns, musicals) and television programming (e.g. news, sitcoms). What are the "rules" of a genre and how may a particular movie or TV program bend them? How does a genre evolve over time, and what is its social and historical relevance? How has the industry used genres? Specific topics will vary, but might include comedy, news/documentary, musical and social-problem melodramas. May be repeated for credit with instructor's approval.

Liberal Studies: Comparative International Study (TLSIN)

324A Modern Latin America (5)

A multi-disciplinary examination of Latin America with a social science emphasis. Includes a brief history of the region, sociological analysis of various Latin American institutions (The Church, the military, the labor movement, etc.), a consideration of migration issues and development economics, and a brief section on culture. The course concludes with an examination of contemporary Latin American political and social issues.

342A Third World Cities (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.

426♦ The Soviet Experience (5)

Soviet society and politics since the Bolshevik Revolution. Looks at the nature of the Revolution, liberalization during the NEP period, Stalinism, World War II, and the changes taking place during the Krushchev and Brezhnev eras. Focuses on how the lives of Soviet people changed during 70 years of their country's history.

451♦ Contemporary Theories of Culture (5, max. 10)

Recent anthropological theory and contemporary cultural theory. The course is 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 cultural; the social body; self and other; gender and sexuality. May be repeated for credit with instructor's approval.

490A Special Topics (3-5, max. 15)

M. Contemporary China (5)

Courses by special arrangement

Internship, Senior Thesis, Directed Readings, Undergraduate Research

UW Summer 1995 Time Schedule

Time Schedule

The information published in this bulletin is subject to change. The instructor for a particular course may change, or the instructor may use assistants to teach the course and courses may not meet each day listed. Additionally, courses listed may be cancelled due to insufficient enrollment. Departmental phone numbers and course descriptions are included in the course listing section, pages 7-73. For information about STAR registration, see *How to Register Using STAR*, pages 132-134. See pages 147-149 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.

Class Location
If followed by **, the location is to be arranged.

CR/NC ONLY
Course is offered for credit/no credit grading only. See page 139 for more grade information.

ARR
Days and times to be arranged.

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 EC = 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

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 130 for registration period dates.

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).

General education requirements

VLPA = Visual, literary and performing arts

I&S = Individual and society

NW = Natural world

GE = Nonspecified general education

QSR = Quantitative, symbolic or formal reasoning

C = English composition

Sample of a Time Schedule listing

Department	Course number	Course title	General Education Requirement	Class location	Instructor
C LIT	357	LITERATURE & FILM	VLPA	KNE 110	SHAVIRO
> 2933	A 5	MW 130-350			
%	Schedule line number (SLN)	OFFERED JOINTLY WITH ENGL 345 A			
	Section Credits	ADD CODE REQUIRED (PD.3)			
	Special program code	EC SEE INSTRUCTOR			
	Entry code or faculty number required symbol	Days and time	Comments and registration restrictions		

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

COLLEGE OF ARCHITECTURE & URBAN PLANNING

ARCHITECTURE

ENTRY CODES AVAILABLE IN GLD 208

- ARCH 151 APPREC OF ARCH II (VLPA)
1085 U 3 MW 630-800P ARC 147 DEINES,K
- ARCH 403 ARCH PROBLEMS
1086 A 6 MWF 110-540 ARC 218
OFFERED JOINTLY WITH ARCH 506 A
CAUP, ARCH MAJORS ONLY (PD.1)
PREREQ: ARCH 302, CAUP 401
- ARCH 412 ARCH ILLUS PRESEN
1087 A 3 TTh 830-1020 GLD 240 SHARPE,B
ARCH ILLUS & PRESENTATION
- ARCH 415 ARCH SKETCHING
1088 A 3 TTh 830-1040 GLD 110 LEHMANN,A
NO FRESHMEN, SOPHMRS
- ARCH 420 STRUCTURAL DSGN I
1089 U 4 TTh 430-630P GLD 436 ONUYE,B
STRUCTURAL DESIGN I
- ARCH 452 PUGET SND ARC&TONNS
1090 U 3 TTh 630-930P ARC 102 HILDEBRAND
TERM A
- ARCH 460 DESGN THRY & ANALYS (VLPA)
1091 U 3 M 600-855P ARC 102 SELIGMANN,C
MEETS WRITING COURSE REQUIREMENT
NO FRESHMEN, SOPHMRS
- ARCH 478 ARCH CAD SYSTEMS
1092 A 4 TTh 430-630P GLD 240 HUDACEK,D
OPEN TO OUTSIDE PROFESSIONALS
JOHNSON,B
BASIC COMPUTER LITERACY HIGHLY REC
- ARCH 498 SPECIAL PROJECTS
1094 A 4 MTHF 830-100 GLD 106
TERM A
NO FRESHMEN (PD.1)
DESIGN DRAWING I
- 1095 B 4 MTHF 830-100 GLD 106
TERM B
NO FRESHMEN (PD.1)
DESIGN DRAWING II
- 1096 C 6 MWF 110-520
INTRO TO ARCHITECTURAL DESIGN
- 1097 FA 5 TTh 700-820P GLD 322 STAMETS,J
TO BE ARRANGED * *
PLUS PHOTO LAB/ TO BE ARRANGED
- ARCH 499 UNDERGRAD RESEARCH
>1099 A 1-6 TO BE ARRANGED * *
- ARCH 506 ADV ARCH STUDIES
1100 A 6 MWF 110-540 ARC 218
OFFERED JOINTLY WITH ARCH 403 A
NO FRESHMEN, SOPHMRS, JUNIORS, SENIORS
ARCH MAJORS ONLY (PD.1)
- ARCH 596 PROF FIELD WORK
>1102 A VAR TO BE ARRANGED * * DEINES,K
CREDIT/NO CREDIT ONLY
- ARCH 598 SPECIAL TOPICS
>1103 U 3 TTh 630-800P GLD 142 DAVIDSON,J
VIRTUAL ENVIRONMENTS
- ARCH 600 INDEPNNT STDY/RSCH
>1104 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
ARCH MAJORS ONLY
- ARCH 700 MASTERS THESIS
>1106 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
ARCH MAJORS ONLY

BUILDING CONSTRUCTION

ENTRY CODES ARE AVAILABLE IN ARC 116

- B CON 310 CONST CONTR DOCS I
1189 A 3 MW 530-650P GLD 322 ANDERSON,D
NO FRESHMEN, SOPHMRS
OTHERS BY PERM
- B CON 312 BLDG CONST INTRO
1190 A 3 TTh 530-650P ARC 019 BENTIL,K
NO FRESHMEN, SOPHMRS
OTHERS BY PERM
- B CON 313 CONST METH & MAT I
1191 A 3 MW 700-820P ARC 019 PACE,C
NO FRESHMEN, SOPHMRS
OTHERS BY PERM
- B CON 499 UNDERGRAD RESEARCH
>1192 A VAR TO BE ARRANGED * *
B CON MAJORS ONLY

LANDSCAPE ARCHITECTURE

ENTRY CODES ARE AVAILABLE IN GLD 348

- L ARCH 300 INTRO LA DESIGN (VLPA)
2269 A 6 MWF 110-500 GLD 312 ROBERTSON,I
- L ARCH 406 INDIV DSGN STUDIO
>2270 A 6 TO BE ARRANGED * * STREATFIELD
L ARCH MAJORS ONLY
- L ARCH 450 HST ENV DES PAC NW (VLPA)
2271 U 3 MW 600-720P GLD 435 STREATFIELD
MEETS WRITING COURSE REQUIREMENT
- L ARCH 476 PROFESSL OPERATION
>2272 A 3-6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
L ARCH MAJORS ONLY
- L ARCH 498 SPECIAL PROJECTS
>2273 A 6 MWF 110-500 GLD 317 WITHERSPOON
TERM A
ADD CODE REQUIRED (PD.1)
HYPER MEDIA COMPUTER STUDIO
- >2274 B 6 TTh 800-530 GLD 435 KOEPKE,J
TERM A STOKES,D
OFFERED JOINTLY WITH L ARCH 598 B
ADD CODE REQUIRED (PD.1)
RESTORATION DESIGN: ECOLOGICAL &
ARTISTIC FIELD STUDIES OF WASH'S
NATIVE PLANT COMMUNITIES
- 2275 C 3 TTh 1040-1200 GLD 436 SCHAUMAN,S
TERM A
CREDIT/NO CREDIT ONLY
WOMEN AND LANDSCAPE
- 2276 D 3 TO BE ARRANGED * * RICE,A
TERM A
DESIGN GRAPHIC WKSH: SAN JUAN ISL
WEEK LONG WKSH: SPECIAL MTG *
- L ARCH 499 UNDERGRAD RESEARCH
>2277 A 1-6 TO BE ARRANGED * *
L ARCH MAJORS ONLY
- L ARCH 598 SPECIAL TOPICS
>2278 B 6 TTh 800-530 GLD 435
TERM A
OFFERED JOINTLY WITH L ARCH 498 B
- L ARCH 600 INDEPNNT STDY/RSCH
>2279 A VAR TO BE ARRANGED * *
- L ARCH 601 INTERNSHIP
>2280 A 3-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
L ARCH MAJORS ONLY
- L ARCH 700 MASTERS THESIS
>2281 A VAR TO BE ARRANGED * *
GRADS ONLY
L ARCH MAJORS ONLY

URBAN PLANNING, DEPARTMENT OF ARCHITECTURE & URBAN PLANNING

CAUP 270 CNPUTRS ENV DES PLN
1318 A 3 TTh 1030-1220 GLD 240 JOHNSON,B

URBAN PLANNING

ENTRY CODES AVAILABLE IN GLD 410

- URBDP 422 GIS PLAN ANALYSIS
3681 A 3 MW 1000-150 GLD 236 BELL,E
SENIORS, GRADS ONLY
PREREQ: GEOG 460/ URBDP 420; OR
PERM OF INSTR
- URBDP 451 HOUSING (I&S)
>3682 A 3 MW 400-550 GLD 436 STOLOFF,J
PREREQ: URBDP 300 OR PERM OF INSTR;
6/19 - 8/2
- URBDP 498: SPECIAL TOPICS
>3683 A 3 W 630-950P GLD 436
CREDIT/NO CREDIT ONLY
SENIORS, GRADS ONLY
PREREQ: URBDP 580 OR LAW CLASS IN
ENVIRONMENTAL LAW OR LAND USE LAW;
BEYOND ZONING: THE LAND USE
ENVIRONMENTAL NEXUS; 6/19 - 8/29
- 3684 B 4 TTh 600-850P GLD 435 SEPLER,R
CREDIT/NO CREDIT ONLY PHILP,K
SITE PLANNING FOR SUBDIVISIONS &
PLANNED UNIT DEVELOPMENTS;
6/19 - 8/18; PLUS 2 SAT'S TO BE *
3685 C 3 TTh 600-850P GLD 317 LA FOND,M
TERM A
CREDIT/NO CREDIT ONLY
NEIGHBORHOOD PLANNING & COMMUNITY
SUSTAIN-ABILITY
- 3686 D 3 M 500-750P GLD 442 SAKRISON,R
LAND USE & WATER
- 3687 E 3 MW 600-850P GLD 424 KHIATI,T
MACINTOSH WORKSHOP ON DIGITAL
GRAPHIC MEDIA
- 3688 F 3 TTh 900-1100 GLD 322 ASSAF,D
TTh 1100-1250 GLD 424
CREDIT/NO CREDIT ONLY
THE COMPUTER AS TOOL IN RESEARCH
& PROFESSIONAL DOCUMENT PREPARATION
- 3689 G 3 TTh 200-450 GLD 240 ASSAF,D
TTh 200-450 GLD 424
TERM B
CREDIT/NO CREDIT ONLY
DESKTOP PUBLISHING ON THE
MACINTOSH
- URBDP 499 SPECIAL PROJECTS
>3690 A VAR TO BE ARRANGED * * RYAN,D
- URBDP 547 PROFESSIONAL PROJ
>3691 A 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. GLD 410
- URBDP 600 INDEPNNT STDY/RSCH
>3692 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. GLD 410
- URBDP 700 MASTERS THESIS
>3693 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. GLD 410
- URBDP 800 DOCTORAL DISSERTATN
>3694 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. GLD 410

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
I&S = Individuals and societies
NW = Natural world
QSR = Quantitative, symbolic or formal reasoning
C = English composition

H = Honors course
> Limited enrollment in this section. Students
must obtain entry code or faculty number.
% New course

PD1 = Period I (May 1-26)
PD2 = Period II (May 30-June 18)
PD3 = Period III (June 19-30)
PD4 = Period IV (July 3-Aug. 6)

DEPT COURSE TITLE
SUN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
SUN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
SUN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

COLLEGE OF ARTS & SCIENCES

AMERICAN ETHNIC STUDIES, DEPT. OF

AFRO-AMERICAN STUDIES

AFRAM 201 INTRO BLACK STUDIES (I&S)
1044 A 5 MTWThF 1050-100 SMI 115 BUTLER, J
TERM A

AFRAM 260 BLK MALE/FEM & FAM (I&S)
1045 A 5 MTWThF 1050-100 SMI 404 SCOTT, J
TERM B
OFFERED JOINTLY WITH SOC 260 A

AFRAM 309 INTENSIVE SWAHILI
>1046 A 15 MTWThF 940-100 LOW 205 MAULANA, S
INTENSIVE BEGINNING SWAHILI

AFRAM 358 LIT OF BLK AMERICA (VLPA)
1047 A 5 MTWThF 1200-210 SIG 229
TERM B
OFFERED JOINTLY WITH ENCL 358 A

AFRAM 490 RES BLK COMMUNITY
>1048 A 3-5 TO BE ARRANGED * *
INSTRUCTOR I.D. PDL 8504

AMERICAN ETHNIC STUDIES

AES 150 AMER ETHNIC HISTORY (I&S)
1042 A 5 MTWThF 830-1040 SMI 115 GAMBOA, E
TERM A

AES 499 IND STDY & RESEARCH
>1043 A 3-5 TO BE ARRANGED * *
AES MAJORS ONLY

ASIAN-AMERICAN STUDIES

AAS 205 ASIAN AMER CULTURES (I&S)
1000 A 5 MTWThF 940-1040 SIG 226 SO, C

AAS 206 CONTEMP PROB AS AM (I&S)
1001 A 5 MTWThF 1200-100 SMI 107 SO, C

AAS 499 UNDERGRAD IND STDY
>1002 A 3-5 TO BE ARRANGED * *

CHICANO STUDIES

CHSTU 201 INTRO CHICANO STDY (I&S)
1424 A 5 MTWThF 110-320 DEN 312 FRIAZ, G
TERM A

CHSTU 256 CHICANA ISSUES (I&S)
1425 A 5 MTWThF 940-1150 DEN 310 SALAS, E
TERM B

CHSTU 391 INDEP STUDY
>1426 A 1-6 TO BE ARRANGED * *

ANTHROPOLOGY, DEPARTMENT OF

AMERICAN INDIAN STUDIES

AIS 110 SONG & DANCE TRADS (VLPA)
1049 A 3 MW 900-1150 MUS 216 CUNNINGHAM
TERM A

AIS 317 AM IND SOUTHWEST (I&S)
1050 A 5 MTWThF 110-320 PAR 108 WITHERSPOON
TERM A

AIS 431 HIST AMERINDN EDUCTN (I&S)
3915 A 5 MTWThF 900-1200 SMI 105 HEIN
TERM A JUNE 26 - JULY 19

AIS 475 SPEC TOP IND ST (I&S)
1051 A 5 MTh 110-230 SMI 205 SEABURG, W

AIS 499 INDEPENDENT STUDY
>1052 A 1-5 TO BE ARRANGED * *
JUNIORS, SENIORS ONLY
INSTRUCTOR I.D. PDL C514

ANTHROPOLOGY

ENTRY CODES AVAILABLE IN DEN #302
INSTRUCTOR I.D. AVAILABLE IN DEN #032

ANTH 100 INTRO TO ANTHRO (I&S)
1064 A 5 MTWThF 940-1040 BROWN, M

ANTH 202 PRIN SOCIOCUL ANTH (I&S)
1065 A 5 MTWThF 940-1040 DEN 216 VAN FLEET, S
MEETS WRITING COURSE REQUIREMENT

ANTH 203 INTRO TO ANTH LING (VLPA/I&S)
1066 A 5 MTh 830-930 SMI 304 FORTENBERY
OFFERED JOINTLY WITH LING 203 A

ANTH 301 HUMAN NATURE & CUL (I&S)
1067 A 3 TTh 940-1120 LOW 106 MORAN, P
MEETS WRITING COURSE REQUIREMENT

ANTH 321 ANTH OF RELIGION (I&S)
1068 A 3 TWTh 830-930 SMS 030 JOLLES, C

ANTH 353 ANTH STUDY OF WOMEN (I&S)
1069 A 5 MTWThF 1050-100 DEN 209 JACOBS, S
TERM A
OFFERED JOINTLY WITH WOMEN 353 A

ANTH 405 PEOPLES OF RUSSIA (I&S)
1070 A 5 MTWThF 1050-1150 DEN 209 JOLLES, C
TERM B
OFFERED JOINTLY WITH SISRE 405 A

ANTH 426 PEASANT CULT & SOC (I&S)
1071 A 5 MTWThF 830-930 DEN 209 EPSTEIN, L
TERM B

ANTH 429 EXPRESSIVE CULTURE (VLPA)
1072 A 5 TTh 1050-120 DEN 216 SPEED, C
MEETS WRITING COURSE REQUIREMENT
NO FRESHMEN, SOPHMRS

ANTH 431 ORAL TRADITIONS (VLPA)
1073 A 5 MTh 1050-1220 DEN 318 SEABURG, W
PLUS 2 HRS *

ANTH 451 PHONOLOGY I (VLPA/I&S)
1074 A 4 MTWThF 1200-130 SMI 304 KAISSE, E
TERM A
OFFERED JOINTLY WITH LING 451 A

ANTH 452 PHONOLOGY II (VLPA/I&S)
1075 A 4 MTWThF 1200-130 SMI 304 HARGUS, S
TERM B
OFFERED JOINTLY WITH LING 452 A

ANTH 461 SYNTAX I (VLPA/I&S)
1076 A 4 MTWThF 220-350 SMI 304
TERM B
OFFERED JOINTLY WITH LING 461 A

ANTH 466 ANTH HONORS THESIS (I&S)
>1077 A 1-9 TO BE ARRANGED * *
H

ANTH 475 PERSPECTS MED ANTH (I&S)
1078 A 5 MTWThF 940-1140 SAV 142 MCCRATH, B
TERM A
OFFERED JOINTLY WITH HSERV 475 A
JUNIORS, SENIORS, GRADS ONLY
NO FRESHMEN, SOPHMRS

ANTH 489 ANTH PRACTICUM
>1079 A 3-9 TO BE ARRANGED * *

ANTH 499 UNDERGRAD RESEARCH
>1080 A VAR TO BE ARRANGED * *

ANTH 600 INDEPNENT STDY/RSCH
>1081 A VAR TO BE ARRANGED * *

ANTH 700 MASTERS THESIS
>1082 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ANTH 800 DOCTORAL DISSERTATN
>1083 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ARCHEOLOGY

ENTRY CODES AVAILABLE IN DEN #302
INSTRUCTOR I.D. AVAILABLE IN DEN #032

ARCHY 105 WORLD PREHISTORY (I&S)
1107 A 5 MTWThF 940-1040 DEN 209 LINSE, A

ARCHY 205 PRINCIPLES OF ARCHY (I&S)
1108 A 5 MTWThF 1050-1150 DEN 212 GREENLEE, D

ARCHY 304 NEW WORLD ARCHY (I&S)
1109 A 3 MWF 940-1040 SMS 8014 KORNBACKER

ARCHY 466 ARCHY HONORS THESIS (I&S)
>1110 A 1-9 TO BE ARRANGED * *
H

ARCHY 499 UNDERGRAD RESEARCH
>1111 A VAR TO BE ARRANGED * *

ARCHY 591 ADVANCE FIELD ARCHY
>1112 A 6 TO BE ARRANGED * *
GRADS ONLY DUNNELL, R

ARCHY 600 INDEPNENT STDY/RSCH
>1113 A VAR TO BE ARRANGED * *

ARCHY 601 INTERNSHIP
>1114 A 3 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY

PHYSICAL ANTHROPOLOGY

ENTRY CODES AVAILABLE IN DEN #302
INSTRUCTOR I.D. AVAILABLE IN DEN #032

PHY A 201 PRIN PHYSICAL ANTH (NW)
3092 A 5 MTWThF 830-930 DEN 216

PHY A 370 INTRO TO PRIMATES (NW)
3093 A 5 MTWThF 940-1040 SMS 125

PHY A 466 BIOCLTR HONORS THES (NW)
>3094 A 1-9 TO BE ARRANGED * *
H

PHY A 499 UNDERGRAD RESEARCH
>3095 A VAR TO BE ARRANGED * *

PHY A 600 INDEPNENT STDY/RSCH
>3096 A VAR TO BE ARRANGED * *

APPLIED MATHEMATICS

AMATH 600 INDEPNENT RSCH/STDY
>1053 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

AMATH 800 DOCTORAL DISSERTATN
>1054 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ART, DEPARTMENT OF

ART

EC/DC FOR U-GRAD AVAILABLE IN ART 104/543-0646
EC FOR GRADS ARE AVAILABLE IN ART 102/ 543-0970
NO AUDITORS PERMITTED IN STUDIO CLASSES 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.

ART 121 DRAWING I (VLPA)
1115 A 5 MWF 830-1150 ART 304
ADD CODE REQUIRED (PD.3)

1116 B 5 MWF 110-430 ART 327
ADD CODE REQUIRED (PD.3)

1117 C 5 TThF 830-1150 ART 327 HURLEY, D
ADD CODE REQUIRED (PD.3)

ART 122 DRAWING II (VLPA)
1118 A 5 TThF 830-1150 ART 301 PAMULA, K
ADD CODE REQUIRED (PD.3)

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	DAY	TIME	BLDG	ROOM	INSTRUCTOR	
SUN	SECTION	CRD	COMMENTS					SUN	SECTION	CRD	COMMENTS					SUN	SECTION	CRD	COMMENTS					
ART Continued																								
ART	123	2-DIMENSION DESIGN																						
	1119 A 5	MW	830-1150		ART	110																		

DEPT	COURSE	TITLE	DEPT	COURSE	TITLE	DEPT	COURSE	TITLE
SLM	SECTION	CRD	SLM	SECTION	CRD	SLM	SECTION	CRD
SPEC	CODE	COMMENTS	SPEC	CODE	COMMENTS	SPEC	CODE	COMMENTS

JAPANESE

JAPAN 134 FIRST-YR INTEN JAPN (VLP)
 2258 AA 15 MTWThF 830-930 THO 101
 MTWThF 940-100 SMI 405
 ADD CODE REQUIRED (PD.3)
 EC QM M225; PLACEMENT TEST REQUIRED
 IF ANY NON-UN PRIOR KNOWLEDGE/STUDY
 OF LANG; NO AUDITORS

2259 AB 15 MTWThF 830-930 THO 101
 MTWThF 940-100 SAV 211
 ADD CODE REQUIRED (PD.3)
 EC QM 225; PLACEMENT TEST REQUIRED
 IF ANY NON-UN PRIOR KNOWLEDGE/STUDY
 OF LANG; NO AUDITORS

JAPAN 234 SECND-YR INTEN JAPN (VLP)
 2260 AA 15 MTWThF 830-930 SAV 316 KOTAS, A
 MTWThF 940-100 SAV 316
 ADD CODE REQUIRED (PD.3)
 EC QM M214; PLACEMENT TEST REQUIRED
 IF ANY NON-UN PRIOR KNOWLEDGE/STUDY
 OF LANG; NO AUDITORS

2261 AB 15 MTWThF 830-930 SAV 316 KOTAS, A
 MTWThF 940-100 CMJ 8004
 ADD CODE REQUIRED (PD.3)
 EC QM M214; PLACEMENT TEST REQUIRED
 IF ANY NON-UN PRIOR KNOWLEDGE/STUDY
 OF LANG; NO AUDITORS

JAPAN 311 THIRD-YEAR JAPANESE (VLP)
 2262 AA 5 MTWThF 830-930 SMI 313 HASEGAWA, M
 MTWThF 940-100 DEN 304
 ADD CODE REQUIRED (PD.3)
 EC QM M212; PREREQ: 213 OR PLACE-
 MENT BY EXAMINATION; NO AUDITORS
 CONCURRENT REG IN 312, 313 REQUIRED

JAPAN 312 THIRD-YEAR JAPANESE (VLP)
 2263 AA 5 MTWThF 830-930 SMI 313 HASEGAWA, M
 MTWThF 940-100 DEN 304
 ADD CODE REQUIRED (PD.3)
 EC QM M212; PREREQ: 311 OR PLACE-
 MENT BY EXAMINATION; NO AUDITORS
 CONCURRENT REG IN 311, 313 REQUIRED

JAPAN 313 THIRD-YEAR JAPANESE (VLP)
 2264 AA 5 MTWThF 830-930 SMI 313 HASEGAWA, M
 MTWThF 940-100 DEN 304
 ADD CODE REQUIRED (PD.3)
 EC QM M212; PREREQ: 312 OR PLACE-
 MENT BY EXAMINATION; NO AUDITORS
 CONCURRENT REG IN 311, 312 REQUIRED

JAPAN 499 UNDERGRAD RESEARCH
 >2265 A 3-5 TO BE ARRANGED * *
 EC QM 225

KOREAN

KOREAN 301 INTRO TO KOREAN
 >2266 A 5 MTWThF 830-100 THO 125 KIM, S
 EC QM M244; CONCUR REG IN 302,
 303 REQUIRED

KOREAN 302 INTRO TO KOREAN
 >2267 A 5 MTWThF 830-100 THO 125 KIM, S
 EC QM M244; CONCUR REG IN 301,
 303 REQUIRED

KOREAN 303 INTRO TO KOREAN
 >2268 A 5 MTWThF 830-100 THO 125 KIM, S
 EC QM M244; CONCUR REG IN 301,
 302 REQUIRED

ASTRONOMY

ENTRY CODES ARE AVAILABLE IN PHY 260

ASTR 101 ASTRONOMY (NW)
 1167 AA 5 TTh 1050-1220 BNS 117 SULLIVAN, W
 M 1050-1150 PAB A216
 W 1050-1150 PAB A216

1168 AB 5 TTh 1050-1220 BNS 117 SULLIVAN, W
 M 1200-100 PAB A216
 W 1200-100 PAB A216

1169 AC 5 TTh 1050-1220 BNS 117 SULLIVAN, W
 M 940-1040 PAB A216
 W 940-1040 PAB A216

1170 AD 5 TTh 1050-1220 BNS 117 SULLIVAN, W
 M 110-210 PAB A216
 W 110-210 PAB A216

ASTR 150 THE PLANETS (NW)
 1171 AA 5 MW 1050-1220 ARC 147
 T 940-1040 PAB A210
 Th 940-1040 PAB A210

1172 AB 5 MW 1050-1220 ARC 147
 T 1050-1150 PAB A210
 Th 1050-1150 PAB A210

1173 AC 5 MW 1050-1220 ARC 147
 T 1200-100 PAB A210
 Th 1200-100 PAB A210

1174 AD 5 MW 1050-1220 ARC 147
 T 830-930 PAB A210
 Th 1050-1150 PAB A210

ASTR 499 UNDERGRAD RESEARCH
 >1175 A VAR TO BE ARRANGED * *

ASTR 581 TECH OPTICAL ASTRON
 1176 AA 5 TTh 110-240 PAB A212 MORGAN, J
 F 220-420 PAB A212

ASTR 600 INDEPNMT STDY/RSCH
 >1177 A VAR TO BE ARRANGED * *

ASTR 800 DOCTORAL DISSERTATN
 >1178 A VAR TO BE ARRANGED * *

ATMOSPHERIC SCIENCE

ATH S 101 WEATHER (NW)
 1179 AA 5 MTWTh 940-1040 ATG 310C
 F 940-1040 ATG 310C
 REC FOR NON-MAJORS

ATH S 492 METEOR/CLMNTLGY READ
 >1180 A VAR TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 INSTR I.D. ATG 408; PERM OF INSTR

ATH S 600 INDEPNMT STDY/RSCH
 >1181 A VAR TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 INSTRUCTOR I.D. ATG 408

ATH S 700 MASTERS THESIS
 >1182 A VAR TO BE ARRANGED * *
 INSTRUCTOR I.D. ATG 408

ATH S 800 DOCTORAL DISSERTATN
 >1183 A VAR TO BE ARRANGED * *
 INSTRUCTOR I.D. 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 (NW)
 1247 AA 5 MTWTh 940-1040 HCK 132 KEELY, T
 Th 1050-1250 HCK 344
 1248 AB 5 MTWTh 940-1040 HCK 132 KEELY, T
 F 940-1140 HCK 344
 1249 AC 5 MTWTh 940-1040 HCK 132 KEELY, T
 F 1200-200 HCK 344

**FOR BIOLOGY 201 AND 203: PRIOR OR CURRENT
 ENROLLMENT IN CHEN 140, 150, AND 160 REQUIRED.
 BIOL 201 REQUIRED FOR 203. NO REPEAT REGIS-
 TRATION ALLOWED PERIOD I AND II. STUDENTS NOT
 ATTENDING THE FIRST LAB MAY BE DROPPED.

BIOL 201 INTRODUCTRY BIOLOGY (NW)
 1250 AA 5 MTWTh 1200-100 AND 223
 W 830-1150 HCK 143
 ADD CODE REQUIRED (PD.3)
 1251 AB 5 MTWTh 1200-100 AND 223
 W 830-1150 HCK 147
 ADD CODE REQUIRED (PD.3)
 1252 AC 5 MTWTh 1200-100 AND 223
 Th 830-1150 HCK 143
 ADD CODE REQUIRED (PD.3)

1253 AD 5 MTWTh 1200-100 AND 223
 Th 830-1150 HCK 147
 ADD CODE REQUIRED (PD.3)
 1254 AE 5 MTWTh 1200-100 AND 223
 Th 110-430 HCK 147
 ADD CODE REQUIRED (PD.3)

**FOR BIOLOGY 201 AND 203: PRIOR OR CURRENT
 ENROLLMENT IN CHEN 140, 150, AND 160 REQUIRED.
 BIOL 201 REQUIRED FOR 203. NO REPEAT REGIS-
 TRATION ALLOWED PERIOD I AND II. STUDENTS NOT
 ATTENDING THE FIRST LAB MAY BE DROPPED.

BIOL 203 INTRODUCTRY BIOLOGY (NW)
 1255 AA 5 TWThF 1200-100 HCK 132 OCONNOR, E
 WAALAND, S
 W 110-430 HCK 243
 ADD CODE REQUIRED (PD.3)
 1256 AB 5 TWThF 1200-100 HCK 132 OCONNOR, E
 WAALAND, S
 W 110-430 HCK 247
 ADD CODE REQUIRED (PD.3)
 1257 AC 5 TWThF 1200-100 HCK 132 OCONNOR, E
 WAALAND, S
 Th 830-1150 HCK 243
 ADD CODE REQUIRED (PD.3)
 1258 AD 5 TWThF 1200-100 HCK 132 OCONNOR, E
 WAALAND, S
 Th 830-1150 HCK 247
 ADD CODE REQUIRED (PD.3)
 1259 AE 5 TWThF 1200-100 HCK 132 OCONNOR, E
 WAALAND, S
 Th 110-430 HCK 243
 ADD CODE REQUIRED (PD.3)
 1260 AF 5 TWThF 1200-100 HCK 132 OCONNOR, E
 WAALAND, S
 Th 110-430 HCK 247
 ADD CODE REQUIRED (PD.3)

BOTANY

BOTANY 113 PLANT IDENT & CLASS (NW)
 1274 AA 5 MW 110-210 HCK 132 DENTON, A
 MW 220-540 HCK 224 DENTON, A
 FIELD TRIPS
 1275 AB 5 MW 110-210 HCK 132 DENTON, A
 MW 220-540 HCK 246 DENTON, A

BOTANY 331 LSCAPE PLANT RECOG (NW)
 1276 A 3 TTh 110-510 HCK 324 TSUKADA, M
 TERM A
 OFFERED JOINTLY WITH UHF 331 A

BOTANY 458 ALPINE PLANT ECOL (NW)
 >1277 A 5 TTh 1050-1210 JHN 053 EDWARDS, O
 TERM B
 EC HCK 430; PERM OF INSTR ONLY
 FIELD TRIPS; 10 CREDITS BIOLOGICAL
 SCIENCES REQUIRED

BOTANY 498 SPEC PROB IN BOTANY
 >1278 A 1-15 TO BE ARRANGED * *
 INSTRUCTOR I.D. HCK 430
 >1279 B 1-15 TO BE ARRANGED * *
 H

BOTANY 511 SCAN EM & EDS
 >1280 A 2-3 TO BE ARRANGED * *
 INSTRUCTOR I.D. HCK 430

BOTANY 597 ADVAN READ IN BOT
 >1282 A 1-3 TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 INSTRUCTOR I.D. HCK 430

BOTANY 598 FIELD STDIES IN BOT
 >1283 A 1-6 TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 INSTRUCTOR I.D. HCK 430

BOTANY 599 LAB STDIES IN BOT
 >1284 A 1-6 TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 INSTRUCTOR I.D. HCK 430

BOTANY 600 INDEPNMT STDY/RSCH
 >1285 A 1-9 TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 INSTRUCTOR I.D. HCK 430

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR
SLM	SECTION	CRD	DAY	TIME	COMMENTS	SLM	SECTION	CRD	DAY	TIME	COMMENTS	SLM	SECTION	CRD	DAY	TIME	COMMENTS
BOTANY Continued																	
BOTANY 700 MASTERS THESIS >1287 A 1-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. HCK 430																	
BOTANY 800 DOCTORAL DISSERTATION >1289 A 1-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. HCK 430																	
CHEMISTRY																	
ALL OVERLOADS FOR CHEM LECTURE COURSES WILL BE MADE AVAILABLE ON STAR AT THE BEGINNING OF REGISTRATION PERIOD II. ADD CODES AND DROP CODES ARE REQUIRED FOR ALL CHEM LAB COURSES DURING REGISTRATION PERIOD III, AVAILABLE IN BAG 271.																	
CHEM 120 INTRO GEN CHEM (NW) 1339 AA 5 MWThF 1200-100 BAG 261 X Th 130-330 BAG 133 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1340 AB 5 MWThF 1200-100 BAG 261 X F 130-330 BAG 133 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3)						**CHEM 151 - PREREQ: CHEM 140/141 CHEM 151 GENERAL CHEM LAB (NW) 1354 AA 1 M 220-320 BAG 131 W 1230-330 BAG 236 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1355 AB 1 M 220-320 BAG 131 W 1230-330 BAG 236 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1356 AC 1 M 220-320 BAG 131 W 1230-330 BAG 236 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1357 AD 1 M 220-320 BAG 131 Th 1230-330 BAG 236 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1358 AE 1 M 220-320 BAG 131 Th 1230-330 BAG 236 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3)						CHEM 224 ORG CHEM SHORT PROG (NW) 1373 AA 4 MWF 940-1150 BAG 261 TTh 830-930 BAG 261 TERM B 1374 AB 4 MWF 940-1150 BAG 261 TTh 940-1040 BAG 261 TERM B 1375 AC 4 MWF 940-1150 BAG 261 TTh 1050-1150 BAG 261 TERM B CHEM 237 ORGANIC CHEMISTRY (NW) 1376 AA 4 MWF 110-210 BAG 261 T 940-1040 PAB B164 1377 AB 4 MWF 110-210 BAG 261 T 1050-1150 BAG 154 1378 AC 4 MWF 110-210 BAG 261 T 110-210 BAG 261					
**CHEM 140 - THURS MTG IS OPT'L TUTORIAL CHEM 140 GENERAL CHEMISTRY (NW, QSR) 1341 AA 4 MWF 940-1040 BAG 131 T 830-930 BAG 154 Th 940-1040 BAG 131 1342 AB 4 MWF 940-1040 BAG 131 T 940-1040 PAB A118 Th 940-1040 BAG 131 1343 AC 4 MWF 940-1040 BAG 131 T 1200-100 BAG 154 Th 940-1040 BAG 131 1344 AD 4 MWF 940-1040 BAG 131 T 110-210 PAB B109 Th 940-1040 BAG 131 1345 AE 4 MWF 940-1040 BAG 131 T 220-320 BAG 261 Th 940-1040 BAG 131						**CHEM 160 - TUES MTG IS OPT'L TUTORIAL CHEM 160 GENERAL CHEMISTRY (NW) 1359 AA 4 MWF 830-930 BAG 131 Th 830-930 PAB A212 T 830-930 BAG 131 1360 AB 4 MWF 830-930 BAG 131 Th 940-1040 BNS 115 T 830-930 BAG 131 1361 AC 4 MWF 830-930 BAG 131 Th 1200-100 BAG 154 T 830-930 BAG 131 1362 AD 4 MWF 830-930 BAG 131 Th 110-210 BAG 261 T 830-930 BAG 131						**CHEM 238 - PREREQ: CHEM 237 CHEM 238 ORGANIC CHEMISTRY (NW) 1379 AA 4 MWF 1050-1150 BAG 154 Th 940-1040 CHL 036 1380 AB 4 MWF 1050-1150 BAG 154 Th 1050-1150 BAG 154 CHEM 239 ORGANIC CHEMISTRY (NW) 1381 A 3 MWF 830-930 BAG 154 PREREQ: CHEM 238					
CHEM 141 GENERAL CHEM LAB (NW) 1346 AA 1 M 110-210 BAG 131 Th 110-410 BAG 291 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1347 AB 1 M 110-210 BAG 131 Th 110-410 BAG 291 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1348 AC 1 M 110-210 BAG 131 F 110-410 BAG 291 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1349 AD 1 M 110-210 BAG 131 F 110-410 BAG 291 CREDIT/NO CREDIT ONLY ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3)						**CHEM 161 - PREREQ: CHEM 150/151 CHEM 161 GENERAL CHEM LAB (NW) 1363 AA 2 M 1200-100 BAG 131 W 1200-400 BAG 290 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1364 AB 2 M 1200-100 BAG 131 W 1200-400 BAG 290 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1365 AC 2 M 1200-100 BAG 131 F 1200-400 BAG 290 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1366 AD 2 M 1200-100 BAG 131 F 1200-400 BAG 290 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3)						**CHEM 241 - PREREQ: 223/161 OR 237/161 CHEM 241 ORGANIC CHEM LAB (NW) 1382 AA 3 M 110-210 BAG 154 TTh 1230-350 CHB 111 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1383 AB 3 M 110-210 BAG 154 TTh 1230-350 CHB 127 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1384 AC 3 M 110-210 BAG 154 WF 1230-350 CHB 111 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1385 AD 3 M 110-210 BAG 154 WF 1230-350 CHB 127 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3)					
**CHEM 150 - THURS MTG IS OPT'L TUTORIAL CHEM 150 GENERAL CHEMISTRY (NW) 1350 AA 4 MWF 1050-1150 BAG 131 T 830-930 PAB A212 Th 1050-1150 BAG 131 1351 AB 4 MWF 1050-1150 BAG 131 T 940-1040 CHL 036 Th 1050-1150 BAG 131 1352 AC 4 MWF 1050-1150 BAG 131 T 1200-100 BAG 261 Th 1050-1150 BAG 131 1353 AD 4 MWF 1050-1150 BAG 131 T 110-210 BAG 154 Th 1050-1150 BAG 131						CHEM 199 SPECIAL PROBLEMS >1367 A 1 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. BAG 109C >1368 B 1 TO BE ARRANGED * * H CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. BAG 109C CHEM 220 INTRO ORG & BIOCHEM (NW) 1369 AA 5 MWThF 940-1040 BAG 154 W 830-1040 CHB 112 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) CHEM 223 ORG CHEM SHORT PROG (NW) 1370 AA 4 MWF 940-1150 BAG 261 TTh 830-930 BAG 261 TERM A 1371 AB 4 MWF 940-1150 BAG 261 TTh 940-1040 BAG 261 TERM A 1372 AC 4 MWF 940-1150 BAG 261 TTh 1050-1150 BAG 261 TERM A						**CHEM 242 - PREREQ: CHEM 238 & 241 CHEM 242 ORGANIC CHEM LAB (NW) 1386 AA 3 M 1200-100 BAG 154 TTh 110-430 CHB 112 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1387 AB 3 M 1200-100 BAG 154 TTh 110-430 CHB 128 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1388 AC 3 M 1200-100 BAG 154 WF 110-430 CHB 112 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) 1389 AD 3 M 1200-100 BAG 154 WF 110-430 CHB 128 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3) CHEM 299 SPEC PROBS/RPT WRITG >1390 A 1 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY MEETS WRITING COURSE REQUIREMENT INSTRUCTOR I.D. BAG 109C >1391 B 1 TO BE ARRANGED * * H CREDIT/NO CREDIT ONLY MEETS WRITING COURSE REQUIREMENT INSTRUCTOR I.D. BAG 109C **CHEM 321 - FRIDAY MEETING IS OPTIONAL TUTORIAL CHEM 321 QUANTITATIVE ANALYS (NW) 1392 AA 5 MW 830-930 BAG 261 TTh 1200-430 BAG 191 F 830-930 BAG 261 ADD CODE REQUIRED (PD.3) DROP CODE REQUIRED (PD.3)					

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > Limited enrollment in this section. Students must obtain entry code or faculty number.
 % New course

PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

DEPT COURSE TITLE
SLM SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
SLM SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
SLM SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

CHEMISTRY Continued

1393 AB 5 MW 830-930 BAG 261
WF 1200-430 BAG 191
F 830-930 BAG 261
ADD CODE REQUIRED (PD.3)
DROP CODE REQUIRED (PD.3)

CHEM 399 UNDERGRAD RESEARCH
>1395 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. BAG 109C
>1396 B VAR TO BE ARRANGED * *
H CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. BAG 109C

CHEM 455 PHYSICAL CHEMISTRY (NW)
1397 A 3 MW 940-1040 CHL 101
Th 940-1040 CHL 101
THURSDAY MEETING IS OPTN'L TUTORIAL

CHEM 456 PHYSICAL CHEMISTRY (NW)
1398 A 3 MW 1050-1150 BNS 117

CHEM 499 UG RES/REPORT WRITG
>1399 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
MEETS WRITING COURSE REQUIREMENT
INSTRUCTOR I.D. BAG 109C
>1400 B VAR TO BE ARRANGED * *
H CREDIT/NO CREDIT ONLY
MEETS WRITING COURSE REQUIREMENT
INSTRUCTOR I.D. BAG 109C

CHEM 590 SNRN GENERAL CHEM
1403 A 1 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

CHEM 591 SNRN INORGANIC CHEM
1404 A 1 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

CHEM 592 SNRN ANALYTCL CHEM
1405 A 1 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

CHEM 593 SNRN ORGANIC CHEM
1406 A 1 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

CHEM 595 SNRN PHYSICAL CHEM
1407 A 1 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

CHEM 600 INDEPENDNT STDY/RSCH
>1408 A VAR TO BE ARRANGED * *
FACULTY I.D. BAG 109D

CHEM 700 MASTERS THESIS
>1409 A VAR TO BE ARRANGED * *
FACULTY I.D. BAG 109D

CHEM 800 DOCTORAL DISSERTATN
>1410 A VAR TO BE ARRANGED * *
FACULTY I.D. BAG 109D

CLASSICS, DEPARTMENT OF CLASSICS

CLAS 101 LAT & GRK CURR USE (VLPA)
1434 A 2 TTh 830-930 DEN 310
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
1435 B 2 TTh 940-1040 DEN 307
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
1436 C 2 TTh 1050-1150 ART 004
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
1437 U 2 M 700-900P DEN 212
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
CLAS 205 BIOSCIENTIFIC VOCAB (VLPA)
1438 A 3 MW 830-930 BNS 115
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS

1439 B 3 MW 940-1040 BNS 115
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
1440 C 3 MW 1050-1150 DEN 216
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
1441 D 3 MW 1200-100 BNS 115
CREDIT/NO CREDIT ONLY
NO AUDITORS; NO OVERLOADS
CLAS 424 EPIC TRADITION (VLPA)
1442 A 5 MTWThF 940-1150 WFS 201
OFFERED JOINTLY WITH C LIT 424 A
CLAUSS, J
CLAS 430 GRK & ROM MYTHOLOGY (VLPA)
1443 A 3 MW 1050-1150 DEN 314
CLAS 495 SENIOR ESSAY (VLPA)
>1444 A 1-3 TO BE ARRANGED * *
MEETS WRITING COURSE REQUIREMENT
INSTRUCTOR I.D. DEN 218
CLAS 700 MASTERS THESIS
>1445 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. DEN 218
CLAS 800 DOCTORAL DISSERTATN
>1446 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. DEN 218

GREEK

GREEK 101 ELEMENTARY GREEK
2123 A 5 MTWThF 830-1040 DEN 213
TERM A
NO AUDITORS
GREEK 102 ELEMENTARY GREEK
2124 A 5 MTWThF 830-1040 DEN 213
TERM B
NO AUDITORS
GREEK 461 EARLY GRK LIT (VLPA)
2125 A 5 TTh 110-310 DEN 213
HALLERAN, M
HOMER'S ODYSSEY
GREEK 490 SUPERVISED STUDY
>2126 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. DEN 218
GREEK 590 SUPERVISED STUDY
>2127 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. DEN 218
GREEK 600 INDEPENDNT STDY/RSCH
>2128 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. DEN 218

LATIN

LATIN 101 ELEMENTARY LATIN
2297 A 5 MTWThF 830-1040 DEN 212
TERM A
NO AUDITORS
LATIN 102 ELEMENTARY LATIN
2298 A 5 MTWThF 830-1040 DEN 212
TERM B
NO AUDITORS
LATIN 402 MEDIEVAL LAT POETRY (VLPA)
2299 A 5 MW 110-310 DEN 213
CROPP, L
LATIN 490 SUPERVISED STUDY
>2300 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. DEN 218
LATIN 520 SEMINAR
>2301 A 5 MTh 330-510 DEN 210
CLAUSS, J
EC DEN 218
ENRIUS' ANNALES
LATIN 590 SUPERVISED STUDY
>2302 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. DEN 218

LATIN 600 INDEPENDNT STDY/RSCH
>2303 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. DEN 218

COMMUNICATIONS

CMU 201 HST OF CMU & JRLISM (I&S)
1447 A 5 MTWThF 830-930 CMU 332
ADD CODE REQUIRED (PD.3)
EC CMU 118
CMU 203 MASS CMU & SOCIETY (I&S)
1448 A 5 MW 940-1120 CMU 104
ADD CODE REQUIRED (PD.3)
EC CMU 118
CMU 315 WRIT RSCH MAS MEDIA (I&S)
>1449 ZD 2 MW 830-1030 CMU 202
CREDIT/NO CREDIT ONLY
MEETS WRITING COURSE REQUIREMENT
EC CMU 118
>1450 ZP 2 TTh 830-1030 CMU 202
CREDIT/NO CREDIT ONLY
MEETS WRITING COURSE REQUIREMENT
EC CMU 118
CMU 320 LEGAL ASPECTS CMU (I&S)
1451 A 5 MTWThF 940-1150 CMU 326
PEMBER, D
TERM A
ADD CODE REQUIRED (PD.3)
EC CMU 118
CMU 328 NEWS LAB (I&S)
>1452 A 8 MW 1050-1250 CMU 222
MEETS WRITING COURSE REQUIREMENT
EC CMU 222; PLUS ADOTL TIME *
CMU 330 PRIN PUB RELATIONS (I&S)
1453 A 5 TTh 1030-1250 CMU 104
FEARN-BANKS
MEETS IN MEDIA ROOM
CMU 339 PROB PUBLIC RELATNS (I&S)
>1454 A 5 TTh 830-1000 CMU 8027
FEARN-BANKS
CMU 341 BEG AD COPY/LAYOUT (I&S)
>1455 A 5 TTh 1050-130 CMU 8023
SAMPSON, A
MEETS WRITING COURSE REQUIREMENT
EC CMU 118
CMU 345 ADVER CAMPAIGNS (I&S)
>1456 A 5 TTh 830-1030 CMU 104
SAMPSON
EC CMU 118
CMU 349 ADVERT INTERN
>1457 A 2-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. CMU 118
CMU 354 BAS VISUAL CMU (I&S)
1458 A 3 TTh 1200-130 THO 215
BAKER, W
CMU 358 TV NEWS REPTG-EDITG (I&S)
>1459 A 5 MW 1210-210 CMU 230
BAKER, W
EC CMU 118; PLUS ADOTL TIME *
CMU 367 BROADCAST INTERN
>1460 A 2-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. CMU 118
CMU 399 E.J. INTERNSHIP
>1461 A 2-6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. CMU 118
CMU 405 MASS COMMUNCTN RSCH (I&S)
1462 A 5 MTWThF 940-1150 ARC 133
STAMM, K
TERM A
CMU 419 GOVT & MASS CMU (I&S)
1463 A 5 MTWThF 940-1150 CMU 226
KIELBOWICZ
TERM A
CMU 423 JOURNALISM ETHICS (I&S)
1464 A 5 MTWThF 830-1030 LOW 217
SIMPSON, R
TERM A

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	DEPT	COURSE	TITLE	DEPT	COURSE	TITLE
BLN	SECTION	CRD	BLN	SECTION	CRD	BLN	SECTION	CRD
SPEC CODE			SPEC CODE			SPEC CODE		
DAY TIME COMMENTS			DAY TIME COMMENTS			DAY TIME COMMENTS		
BLDG ROOM INSTRUCTOR			BLDG ROOM INSTRUCTOR			BLDG ROOM INSTRUCTOR		
COMMUNICATIONS Continued								
CMU	475	CUK INTL RELATIONS (I&S)	C	LIT 422	STUDIES IN GENRE (VLPA)	DANCE	490	SPECIAL STUDIES (VLPA)
1465	A 5	MTWThF 110-320 CMU 228 GIFFARD,C	1296	A 5	MTWThF 1200-100 THO 101 KONICK,W	1521	A 2	MW 220-405 MNY 267 LEPORE,J
TERM A			THE NOVEL			TERM A		
CMU	486	TELECOM POLICY/RSCH (I&S)	C	LIT 424	EPIC TRADITION (VLPA)	ADD CODE REQUIRED (PD.3)		
1466	A 5	MTWThF 940-1150 CMU 214 BOWES,J	1297	A 5	MTWThF 940-1150 WFS 201 CLAUSS,J	AFRO-CARIBBEAN		
TERM B			OFFERED JOINTLY WITH CLAS 424 A			PREREQ: ONE YEAR OF DANCE		
CMU	498	PROBLEMS OF CMU	C	LIT 490	DIRECTED STDY/RSCH	DANCE	600	INDEPENDNT STDY/RSCH
>1467	A 1-5	TO BE ARRANGED * *	>1298	A 1-5	TO BE ARRANGED * *	>1522	A 1-9	TO BE ARRANGED * *
INSTRUCTOR I.D. CMU 118			INSTRUCTOR I.D. PDL B531			GRADS ONLY		
CMU	550	ADV CMU METHODS	C	LIT 495	HONORS THESIS (VLPA)	DANCE MAJORS ONLY		
>1468	A 1-3	TO BE ARRANGED * *	>1299	A 4	TO BE ARRANGED * *	DRAMA		
EC CMU 221			H INSTRUCTOR I.D. PDL B531			DRAMA	101	INTRO TO THEATRE (VLPA)
CMU	597	PRACTCN IN CMU RSCH	C	LIT 496	SPEC STDYS COMP LIT (VLPA)	1626	AA 5	MWF 1200-100 MEB 103
>1469	A 1-3	TO BE ARRANGED * *	1300	A 3	MTWThF 940-1040 * * O'NEILL,K	TTh 1200-100 SAV 153		
EC CMU 221			TERM A			NO DRAMA MAJORS		
CMU	598	SELECTED READINGS	C	LIT 599	SPEC SEMINAR/CONFER	1627	AB 5	MWF 1200-100 MEB 103
>1470	A 1-5	TO BE ARRANGED * *	>1301	A 1-9	TO BE ARRANGED * *	TTh 110-210 SAV 153		
INSTRUCTOR I.D. CMU 221			INSTRUCTOR I.D. PDL B531			NO DRAMA MAJORS		
CMU	600	INDEPENDNT STDY/RSCH	C	LIT 600	INDEPENDNT STDY/RSCH	DRAMA	201	DRAMATIC ACTION (VLPA)
>1471	A VAR	TO BE ARRANGED * *	>1302	A VAR	TO BE ARRANGED * *	1628	A 5	MTWThF 940-1040 HUT 130 WOLCOTT,J
INSTRUCTOR I.D. CMU 221			INSTRUCTOR I.D. PDL B531			DRAMA	302	PLAY ANALYSIS (VLPA)
CMU	700	MASTERS THESIS	C	LIT 700	MASTERS THESIS	1629	A 5	MTWThF 1200-100 HUT 130
>1472	A VAR	TO BE ARRANGED * *	>1303	A VAR	TO BE ARRANGED * *	MEETS WRITING COURSE REQUIREMENT		
INSTRUCTOR I.D. CMU 221			INSTRUCTOR I.D. PDL B531			DRAMA	454	PROJECTS IN ACTING (VLPA)
CMU	800	DOCTORAL DISSERTATN	C	LIT 800	DOCTORAL DISSERTATN	>1630	A 3	WF 110-430 HUT 202 JENKINS,M
>1473	A VAR	TO BE ARRANGED * *	>1304	A VAR	TO BE ARRANGED * *	TERM A		
INSTRUCTOR I.D. CMU 221			INSTRUCTOR I.D. PDL B531			EC HUT 101; SUBMIT RESUME FOR ELIG- IBILITY; IN THE LIGHT OF ACTION: THE LEGACY OF STANISLAVSKI		
COMPARATIVE HISTORY OF IDEAS								
A COMPLETE LIST OF CHID CORE COURSES ARE AVAILABLE AT THE CHID OFFICE, PDL B102 OR CALL 543-7333.								
CHID	491	SENIOR THESIS (I&S)	DANCE	101	INTRO TO DANCE (VLPA)	DRAMA	490	SPEC STDY ACT-DIRCT (VLPA)
>1416	A 5	TO BE ARRANGED * *	1512	A 5	MTWThF 830-950 MNY 265 KYLE,P	1632	A 2	TTh 220-350 HUT 202 SMITH,D
INSTRUCTOR I.D. PDL B102D			ADD CODE REQUIRED (PD.3)			TERM A		
CHID	492	SENIOR THESIS (I&S)	BEGINNING; NO PREREQ			CREDIT/NO CREDIT ONLY		
>1417	A 5	TO BE ARRANGED * *	1513	B 5	MTWThF 830-950 MNY 266 FARMER-LUND	BEGINNING TAP DANCE		
INSTRUCTOR I.D. PDL B102D			ADD CODE REQUIRED (PD.3)			DRAMA	491	SPEC STDY DSGN-TECH (VLPA)
CHID	493	SENIOR THESIS (I&S)	BEGINNING; NO PREREQ			1633	A 5	MTWThF 900-400 HUT 205
>1418	A 5	TO BE ARRANGED * *	DANCE	110	JAZZ TECHNIQUE I (VLPA)	TERM A		
INSTRUCTOR I.D. PDL B102D			1514	A 2	MTWTh 220-340 MNY 265 SIMPSON,M	INTENSIVE STAGE LIGHTING DESIGN		
CHID	499	UNDERGRAD IND STDY	TERM A			WORKSHOP JUNE 19 - 25 ONLY		
>1419	A 1-5	TO BE ARRANGED * *	1515	B 2	MTWTh 220-340 MNY 266 KYLE,P	DRAMA	494	STUDIES THEA&DRAMA (VLPA)
INSTRUCTOR I.D. PDL B102D			ADD CODE REQUIRED (PD.3)			1635	A 5	MTWThF 110-320 CMU B015 WOLCOTT,J
			BEGINNING LEVEL; NO PREREQ			TERM A		
COMPARATIVE LITERATURE								
ENTRY CODES FOR ALL CLASSES AVAILABLE FROM INSTRUCTORS ONLY; INDEPENDENT STUDY AND SPECIAL SEMINARS AVAILABLE IN PDL B-531								
C	LIT 230	INTRO TO FOLKLORE (VLPA/I&S)	DANCE	111	JAZZ TECHNIQUE I (VLPA)	DRAMA	495	DESIGN-TECH PRACTCM (VLPA)
1291	A 5	MTWThF 220-430 LOW 201 DUBOIS,T	1516	A 2	MTWTh 110-230 MNY 266 KANE,M	1636	A 3	MWF 940-100 HUT 135 KURITZ,L
TERM A			TERM B			TERM A		
OFFERED JOINTLY WITH SCAND 230 A			ADD CODE REQUIRED (PD.3)			ASPECTS OF STAGE		
C	LIT 240	WRITING IN C LIT (C)	BEGINNING LEVEL; NO PREREQ			COSTUME PRODUCTION		
1292	A 5	MTWThF 940-1040 LOW 218	DANCE	201	BALLET TECHNIQUE 2 (VLPA)			
ADD CODE REQUIRED (PD.3)			1517	B 2	MTWTh 300-420 MNY 266 KANE,M			
C	LIT 330	EUROPEAN FAIRY TALE (VLPA)	TERM B					
1293	A 5	MTWThF 1050-100 CMU 120 ROSSEL,S	ADD CODE REQUIRED (PD.3)					
TERM A			BEGINNING LEVEL; NO PREREQ					
C	LIT 357	LITERATURE & FILM (VLPA)	DANCE	202	BALLET TECHNIQUE 2 (VLPA)			
1294	U 5	MW 630-930P THO 101 SHAVIRO,S	1518	A 3	MTWTh 1000-1145 MNY 265 WILEY,H			
OFFERED JOINTLY WITH ENCL 345 U			TERM A					
C	LIT 421	LIT & OTHER DISCIP (VLPA)	ADD CODE REQUIRED (PD.3)					
1295	A 5	MW 940-1150 SMI 305 DUNLOP,W	INTERMEDIATE/ADVANCED LEVEL					
OFFERED JOINTLY WITH ENCL 363 A			DANCE	204	MODERN TECHNIQ II (VLPA)			
NO GRADS			1520	A 2	MWF 1200-145 MNY 265 LEPORE,J			
SHAKESPEARE AND OPERA			TERM A					

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > Limited enrollment in this section. Students must obtain entry code or faculty number.
 % New course

PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

Summer Quarter Time Schedule

Table with columns: DEPT, COURSE, TITLE, BLN, SECTION, CRD, DAY, TIME, BLDG, ROOM, INSTRUCTOR, SPEG CODE. Includes sections for ENGLISH Continued, ENGL 242, 283, 284, 311, 321, 323, 326, 333.

Table with columns: DEPT, COURSE, TITLE, BLN, SECTION, CRD, DAY, TIME, BLDG, ROOM, INSTRUCTOR, SPEG CODE. Includes sections for ENGL 334, 337, 340, 345, 352, 355, 358, 363, 370, 381, 383, 384, 471, 475.

Table with columns: DEPT, COURSE, TITLE, BLN, SECTION, CRD, DAY, TIME, BLDG, ROOM, INSTRUCTOR, SPEG CODE. Includes sections for ENGL 483, 485, 491, 492, 493, 498, 499, 506, 562, 586, 590, 591, 597, 600, 601, 700, 800.

ENVIRONMENTAL STUDIES

Table with columns: DEPT, COURSE, TITLE, BLN, SECTION, CRD, DAY, TIME, BLDG, ROOM, INSTRUCTOR, SPEG CODE. Includes ENV 5 203 PHYSICAL ENVIRONMENT (NW).

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

- VLPA = Visual, literary and performing arts
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PD4 = Period IV (July 3-Aug. 6)

University of Washington

DEPT BLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG ROOM	INSTRUCTOR	DEPT BLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG ROOM	INSTRUCTOR	DEPT BLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG ROOM	INSTRUCTOR
ENVIRONMENTAL STUDIES Continued							<p>GEOG 326 INTRO GEOG RESEARCH (I&S,QSR) 2081 A 5 MTWTF 1200-100 SMI 113 1ST FRI MEETING BEGINS 7/1 - 8/19</p> <p>GEOG 336 CHINA (I&S) 2082 A 5 MW 100-310 SMI 211 OAKES,T</p> <p>GEOG 360 PRINCPLS CARTOGRAPHY (I&S,QSR) 2083 A 5 MMF 830-1000 SMI 404 DEVINE,N</p> <p>GEOG 448 GEOGR OF TRANSPORT (I&S) 2084 A 5 TTh 220-430 SMI 407 HAYUTH,Y TERM B</p> <p>GEOG 499 SPECIAL STUDIES >2085 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. SMI 3038</p> <p>GEOG 600 INDEPNMT STDY/RSCH >2086 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. SMI 3038</p> <p>GEOG 700 MASTERS THESIS >2087 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. SMI 3038</p> <p>GEOG 800 DOCTORAL DISSERTATN >2088 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. SMI 3038</p>	<p>GERMAN 101 FIRST-YEAR GERMAN 2103 A 5 MTWTF 940-1040 DEN 317</p> <p>GERMAN 103 FIRST-YEAR GERMAN 2104 A 5 MTWTF 940-1040 DEN 305</p> <p>GERMAN 121 FRST-YR READ GERMAN 2105 A 5 MTWTF 830-1040 DEN 314 TERM A CREDIT/NO CREDIT ONLY</p> <p>GERMAN 122 FRST-YR READ GERMAN 2106 A 5 MTWTF 830-1040 DEN 314 TERM B CREDIT/NO CREDIT ONLY</p> <p>GERMAN 200 INTENS 2ND YR GERM (VLPA) 2107 A 15 MTWTF 830-100 DEN 316 HERTLING,G STUDENTS MUST REG FOR ALL 15 CR</p> <p>GERMAN 299 SUPERVISED STUDY >2108 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. DEN 340C</p> <p>GERMAN 390 GERM STUDIES-ENGL (VLPA) 2109 A 5 MTWTF 940-1150 DEN 310 SCHLIPPHACK TERM A INTENTIONAL PHALLACY:THE CONSTRUCTION OF GENDER IN LITERARY TEXTS OF THE MODERN GERMAN TRADITION</p> <p>GERMAN 444 THESIS IN GERMANICS (VLPA) >2110 A 5 TO BE ARRANGED * *</p> <p>GERMAN 445 NON THESIS IN GERMAN (VLPA) >2111 A 5 TO BE ARRANGED * * H</p> <p>GERMAN 497 STUDIES GERMAN LIT 2112 A 5 MTWTF 110-320 DEN 313 JAEGER,C TERM B PLUS FRIDAY TO BE ARRANGED THOMAS MANN AND MYTHOLOGY</p> <p>GERMAN 498 STUDIES GERMAN LANG 2113 A 5 MTWTF 110-320 DEN 313 VOYLES,J TERM A PLUS FRIDAY TO BE ARRANGED SURVEY OF THE GERMANIC LANGUAGES</p> <p>GERMAN 499 STDYS GERMAN CULTURE >2114 A 1-6 TO BE ARRANGED * * INSTRUCTOR I.D. DEN 340C</p> <p>GERMAN 600 INDEPNMT STDY/RSCH >2115 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. DEN 340C</p> <p>GERMAN 700 MASTERS THESIS >2116 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. DEN 340C</p> <p>GERMAN 800 DOCTORAL DISSERTATN >2117 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. DEN 340C</p>												
GENERAL STUDIES							GEOLOGY							GEOPHYSICS						
<p>GEN ST 350 INDEPENDENT FLDWK >2064 A 1-6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. CMU 009</p> <p>GEN ST 391 SUP STDY SEL FIELDS >2065 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. CMU 009</p> <p>GEN ST 493 SENIOR STUDY >2066 A 5 TO BE ARRANGED * * GEN ST MAJORS ONLY INSTRUCTOR I.D. CMU 009</p>							<p>GEOL 101 INTRO TO GEOL SCI (NW) 2089 AA 5 TTh 900-1050 SMI 205 M 830-1130 JHN 161</p> <p>GEOL 306 EVOL OF THE EARTH (NW) 2090 AA 5 MMF 1130-140 JHN 137 NESBITT,E TTh 1130-140 JHN 137 TERM B</p> <p>**GEOL 308 - STUDENT HAS CHOICE OF ATTENDING LAB/FIELD TRIP ON EITHER WEEK DAYS OR WEEKENDS</p> <p>GEOL 308 GEOL OF NORTHWEST (NW) 2091 AA 5 TTh 1100-100 SMI 205 SWANSON,T TO BE ARRANGED * * 2092 AB 5 TTh 1100-100 SMI 205 SWANSON,T TO BE ARRANGED * *</p> <p>GEOL 312 NW VOLC AND GLAC (NW) 2093 A 3 TTh 1050-1150 DEN 305 IRVING,A TWO SATURDAY FIELD TRIPS TBA</p> <p>GEOL 401 FIELD GEOLOGY (NW) >2094 A 10 TO BE ARRANGED * * EC JHN 063 2095 B 10 TO BE ARRANGED * *</p> <p>GEOL 498 UNDERGRAD THESIS (NW) >2096 A 5 TO BE ARRANGED * * EC JHN 063</p> <p>GEOL 499 UNDERGRAD RESEARCH >2097 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. JHN 063</p> <p>GEOL 600 INDEPNMT STDY/RSCH >2098 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTR I.D. JHN 063 OR CALL 543-1190</p> <p>GEOL 700 MASTERS THESIS >2099 A VAR TO BE ARRANGED * * INSTR I.D. JHN 063 OR CALL 543-1190</p> <p>GEOL 800 DOCTORAL DISSERTATN >2100 A VAR TO BE ARRANGED * * INSTR I.D. JHN 063 OR CALL 543-1190</p>							<p>GPHYS 480 SPEC TOPICS GEOPHY (NW) >2118 A 2-6 MTWTF 900-1200 JHN 164 BROWN,J DE COSMO,J TTh 100-220 JHN 164 TERM A DROP CODE REQUIRED CLASS WIL START ON JUNE 26</p> <p>GPHYS 499 INDEPENDENT STUDY >2119 A 1-5 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY DROP CODE REQUIRED JUNIORS, SENIORS ONLY INSTRUCTOR I.D. ATG 218</p> <p>GPHYS 600 INDEPNMT STDY/RSCH >2120 A VAR TO BE ARRANGED * * DROP CODE REQUIRED GRADS ONLY GPHYS MAJORS ONLY INSTRUCTOR I.D. ATG 218</p>						
GENETICS							GERMANICS													
<p>GENET 371 INTRO GENETICS (NW) 2067 AA 5 MTWTh 1050-1150 HCK 132 T 110-210 HCK 316 2068 AB 5 MTWTh 1050-1150 HCK 132 Th 110-210 HCK 316</p> <p>GENET 499 UNDERGRAD RESEARCH >2069 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. HSJ J205</p> <p>GENET 501 INTR RSCH MATERIAL >2070 A 3 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY GRADS ONLY GENET MAJORS ONLY</p> <p>GENET 600 INDEPNMT STDY/RSCH >2071 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY GRADS ONLY ONLY MAJORS FROM INDGP COLLEGE GENET MAJORS ONLY</p> <p>GENET 700 MASTERS THESIS >2072 A 1-9 TO BE ARRANGED * * GRADS ONLY ONLY MAJORS FROM INDGP COLLEGE GENET MAJORS ONLY</p> <p>GENET 800 DOCTORAL DISSERTATN >2073 A VAR TO BE ARRANGED * * GRADS ONLY GENET MAJORS ONLY</p>							<p>GERMAN 100 INTEN FIRST-YR GERM 2101 A 15 MTWTF 830-100 DEN 315 BANSLEBEN,M STUDENTS MUST REG FOR ALL 15 CR 2102 B 15 MTWTF 830-100 DEN 306 BARRACK,C STUDENTS MUST REG FOR ALL 15 CR</p>													
GEOGRAPHY																				
<p>GEOG 100 INTRO TO GEOGRAPHY (I&S) 2074 AA 5 MMF 940-1040 SMI 205 QAZI,J TTh 940-1040 SAV 209 2075 AB 5 MMF 940-1040 SMI 205 TTh 940-1040 THO 202</p> <p>GEOG 102 WORLD REGIONS (I&S) >2076 A 5 MTWTF 830-930 SMI 405 MATHEWSON,D</p> <p>GEOG 205 PHYSICAL ENVIRONMENT (NW) 2077 AA 5 MMF 1050-1150 SMI 205 BECKER,L TTh 940-1040 SMI 404 OFFERED JOINTLY WITH ENV S 203 AA 2078 AB 5 MMF 1050-1150 SMI 205 BECKER,L TTh 1050-1150 QUG 224 OFFERED JOINTLY WITH ENV S 203 AB</p> <p>GEOG 277 GEOGRAPHY OF CITIES (I&S) 2079 A 5 MTWTF 830-1040 SMI 407 HODGE,D TERM A</p> <p>GEOG 304 WESTERN EUROPE (I&S) 2080 A 5 TTh 1050-100 SMI 407 HAYUTH,Y TERM A</p>																				

Summer Quarter Time Schedule

DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR	DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR	DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR
GEOPHYSICS Continued						HISTORY OF ASIA						INTERNATIONAL STUDIES (AFRICAN STUDIES)					
GPHYS 700 MASTERS THESIS >2121 A VAR TO BE ARRANGED * * DROP CODE REQUIRED GRADS ONLY GPHYS MAJORS ONLY INSTRUCTOR I.D. ATG 218						HSTAS 202 MODERN INDIAN CIV (I&S) 2190 A 5 MTWThF 940-1150 SMI 105 CONLON, F TERM B						SISAF 499 UNDERGRAD RESEARCH >3433 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
GPHYS 800 DOCTORAL DISSERTATN >2122 A VAR TO BE ARRANGED * * DROP CODE REQUIRED GRADS ONLY GPHYS MAJORS ONLY INSTRUCTOR I.D. ATG 218						HSTAS 221 HISTORY OF SE ASIA (I&S) 2191 A 5 MTWThF 1200-210 SMI 407 THOMPSON, M TERM B OFFERED JOINTLY WITH SISSE 221 A						INTERNATIONAL STUDIES (CANADIAN STUDIES)					
HISTORY, DEPARTMENT OF						HISTORY OF THE AMERICAS						STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.					
ANCIENT & MEDIEVAL HISTORY						HSTAA 201 SURV HIST OF U S (I&S) 2181 A 5 TWh 1200-140 SMI 102 FOWLER, W						SISCA 499 UNDERGRAD RESEARCH >3434 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
HSTAM 340 MEDIEVAL WOMEN (I&S) 2188 A 5 MTWThF 940-1150 SAV 317 STACEY, R TERM A						HSTAA 303 MOD AM CIVL FR 1877 (I&S) 2182 A 5 TTh 940-1220 SMI 120 SHARBACH, S						INTERNATIONAL STUDIES (EAST ASIAN)					
HSTAM 402 CLASSICAL GREECE (I&S) 2189 A 5 MTWThF 1050-1150 MUS 223 MARTIN, S						HSTAA 373 SOCL HST AMER WOMEN (I&S) 2183 A 5 MTWThF 830-1040 SMI 102 YEE, S TERM B OFFERED JOINTLY WITH WOMEN 383 A						STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.					
HISTORY						HSTAA 411 US-CIV WR & RECNSTR (I&S) 2184 A 5 MTWThF 830-1040 PAR 106 MCKENZIE, R TERM A						SISEA 499 UNDERGRAD RESEARCH >3435 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
HIST 112 THE MEDIEVAL WORLD (I&S) 2134 A 5 MTWThF 830-930 CMU 120 STACEY, R						HSTAA 432 HIST WASH & PAC N W (I&S) 2185 A 5 MTWThF 940-1040 SMI 304 CATTON, T						SISEA 600 INDEPNONT STDY/RSCH >3436 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
HIST 113 THE MODERN WORLD (I&S) 2135 A 5 MTWThF 1050-1150 SMI 102 BRIDGMAN, J						HSTAA 445 US ECONOMIC HISTORY (I&S) 2186 A 5 MTWThF 1050-100 MLR 301 VEENENDAAL, T TERM A						SISEA 700 MASTERS THESIS >3437 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
HIST 193 WRLD HST 1750-PRES (I&S) 2136 A 5 MW 110-350 SMI 105 WOOD, A						HSTAA 488 CARIBBEAN & C AMER (I&S) 2187 A 5 TTh 1050-100 SMI 211 MARQUARDT, S						INTERNATIONAL STUDIES (JEWISH STUDIES)					
HIST 345 WAR & SOCIETY (I&S) 2137 A 5 MTWThF 830-930 SMI 120 BRIDGMAN, J						MODERN EUROPEAN HISTORY						STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.					
HIST 449 COMP LABOR HST (I&S) >2138 A 5 TWh 300-600 SMI 111 HONEY, M TERM B EC SMI 203A						HSTEU 422 FR RVBNAP 1789-1815 (I&S) 2192 A 5 MTWThF 940-1150 SMI 115 JONAS, R TERM B						SISJE 499 UNDERGRAD RESEARCH >3438 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
HIST 481 ECON HIST EUROPE (I&S) 2139 A 5 MW 1200-210 SMI 307 THOMAS, R OFFERED JOINTLY WITH ECON 460 A MEETS WRITING COURSE REQUIREMENT						HSTEU 452 E EUROPE SINCE 1918 (I&S) 2193 A 5 MTWThF 940-1150 SAV 243 FELAK, J TERM A						INTERNATIONAL STUDIES (LATIN AMERICAN STUDIES)					
HIST 495 HISTORY INTERNSHIP >2140 A 1-5 TO BE ARRANGED * * EC SMI 203A HISTORY INTERNSHIP						HSTEU 454 BALTIC HISTORY (I&S) 2194 A 5 MTWThF 940-1150 CMU 226 PLAKANS, B TERM B						STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.					
HIST 498 COLLOQUIUM IN HIST (I&S) >2141 A 3-5 W 830-1040 SMI 306 FOWLER, W MEETS WRITING COURSE REQUIREMENT EC SMI 203A						HSTEU 476 MODERN IRISH HIST (I&S) 2195 A 5 MTWThF 830-1040 MLR 301 BEHLMER, G TERM A						SISLA 490 SPECIAL TOPICS (I&S) 3439 A 5 MTWThF 1200-210 CMU 226 ADLUM, C TERM A OFFERED JOINTLY WITH POL S 447 A "THE CUBAN REVOLUTION"					
>2142 B 3-5 Th 1200-210 SMI 2038 STACEY, R MEETS WRITING COURSE REQUIREMENT EC SMI 203A						JACKSON SCHOOL INTERNATIONAL STUDIES						SISLA 499 UNDERGRAD RESEARCH >3441 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
>2143 C 3-5 Th 110-320 SMI 109 JONAS, R MEETS WRITING COURSE REQUIREMENT EC SMI 203A						INTERNATIONAL STUDIES (COMPARATIVE RELIG)						STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.					
HIST 499 UNDERGRAD RESEARCH >2144 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. SMI 203A						RELIG 220 INTRO NEN TESTAMENT (VLPA/I&S) 3379 A 5 MTWThF 830-930 THO 235 WILLIAMS, M						RELIG 240 HEBREW BIBLE (VLPA/I&S) 3380 A 5 MTWThF 1200-210 THO 235 JAFFEE, M TERM B OFFERED JOINTLY WITH NEAR E 240 A					
HIST 600 INDEPNONT STDY/RSCH >2145 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. SMI 206C						RELIG 324 EMERG CHRISTIANITY (I&S) 3381 A 5 MTWThF 1050-1150 SAV 125 WILLIAMS, M						RELIG 499 UNDERGRAD RESEARCH >3382 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
HIST 700 MASTERS THESIS >2146 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. SMI 206C						RELIG 499 UNDERGRAD RESEARCH >3383 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111						INTERNATIONAL STUDIES (MIDDLE EASTERN)					
HIST 800 DOCTORAL DISSERTATN >2147 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. SMI 206C												SISME 600 INDEPENDENT STUDY >3442 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					
												SISME 700 MASTERS THESIS >3443 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111					

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > = Limited enrollment in this section. Students must obtain entry code or faculty number.
 % = New course

PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

University of Washington

DEPT BLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT BLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT BLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG	ROOM	INSTRUCTOR
INTERNATIONAL STUDIES (RUSSIAN, E EUROPEAN & CENT ASIAN)								SIS 450 WOMEN FAM 3RD WORLD (I&S)								MATHEMATICS							
STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.								3429 A 5 MTWThF 830-1040 THO 334 NEUHOUSER,K TERM A OFFERED JOINTLY WITH SOC 450 A SIS MAJORS ONLY (PD.1)								STUDENTS PLANNING TO TAKE ANY OF THE CLASSES MATH 111, 120, OR 124 MUST SATISFY MINIMUM PLACEMENT 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 POL C-36.							
SISRE 405 PEOPLES OF RUSSIA (I&S)								SIS 498 READINGS IN INTL ST (I&S)								MATH 111 ALGEBRA WITH APPL (NW,QSR)							
3444 A 5 MTWThF 1050-1150 DEN 209 JOLLES,C TERM B OFFERED JOINTLY WITH ANTH 405 A SOPHOMRS, JUNIORS, SENIORS, GRADS ONLY								>3430 A 5 W 110-310 THO 217 KIEVAL,H MEETS WRITING COURSE REQUIREMENT EC THO 111; HERETICS, EXOTICS, & DEVIANTS: PERCEPTIONS OF DIFFERENCE IN WESTERN SOCIETIES								2402 A 5 MTWThF 830-930 SIG 134 2403 B 5 MTWThF 940-1040 LOW 201 2404 C 5 MTWThF 1050-1150 LOW 201 2405 D 5 MTWThF 1200-100 SIG 226							
SISRE 445 POL & SOC EAST EUR (I&S)								SIS 499 UNDERGRAD RESEARCH								MATH 112 BUSINESS & ECON CALC (NW,QSR)							
3445 A 5 MTWThF 1050-100 THO 202 RAMET,S TERM B OFFERED JOINTLY WITH POL S 445 A								>3431 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								2406 A 5 MTWThF 940-1040 CMU 332 2407 B 5 MTWThF 1050-1150 MEB 103 2408 U 5 MTh 700-845P SIG 325							
SISRE 499 UNDERGRAD RESEARCH								SIS 600 INDEPNENT STDY/RSCH								STUDENTS MUST SATISFY MINIMUM PLACEMENT REQUIREMENTS. SEE NOTE AT THE BEGINNING OF MATHEMATICS LISTINGS.							
>3446 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								>3432 A 1-9 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								MATH 120 PRECALCULUS (NW)							
SISRE 600 INDEPNENT STDY/RSCH								LINGUISTICS								MATH 124 CALC ANALYT GEOM I (NW,QSR)							
>3447 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								LING 200 INTRO LING THOUGHT (VLPA,I&S,QSR)								2412 A 5 MTWThF 830-930 WFS 201 2413 B 5 MTWThF 940-1040 CMU 120 2414 C 5 MTWThF 1050-1150 SAV 245 2415 U 5 MTh 700-845P SIG 229							
SISRE 700 MASTERS THESIS								LING 203 INTRO TO ANTH LING (VLPA,I&S)								MATH 125 CALC ANALYT GEOM II (NW)							
>3448 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								2361 A 5 MTh 830-930 SMI 304 FORTENBERY OFFERED JOINTLY WITH ANTH 203 A								2416 A 5 MTWThF 830-930 SAV 245 2417 B 5 MTWThF 940-1040 EEB 108 2418 C 5 MTWThF 1050-1150 HCK 324 2419 U 5 MTh 700-845P SIG 227							
INTERNATIONAL STUDIES (SOUTH ASIAN)								LING 347 PSYCH OF LANGUAGE I (VLPA/I&S)								MATH 126 CALC ANYL GEOM III (NW)							
STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.								2362 A 5 MWF 1200-130 GLD 322 CORINA,D OFFERED JOINTLY WITH PSYCH 347 A								2420 A 5 MTWThF 830-930 SMS 026 2421 B 5 MTWThF 940-1040 SMI 313 2422 C 5 MTWThF 1050-1150 SMI 313 2423 U 5 MTh 700-845P SIG 226							
SISSA 499 UNDERGRAD RESEARCH								LING 400 SUR LING MTHD & THY (VLPA,QSR)								MATH 170 MATH ELEM SCH TEACH (NW)							
>3449 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								2363 A 4 MWF 830-1040 LOW 106 TERM A								2424 A 3 TTh 1050-1150 MEB 242 CREDIT/NO CREDIT ONLY							
SISSA 600 INDEPNENT STDY/RSCH								LING 449 SECOND-LANG LRNG (VLPA)								MATH 205 ELEM LINEAR ALGEBRA (NW)							
>3450 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								2364 A 3 MWF 220-320 LOW 113 COACHMAN,M								2425 A 3 MWF 940-1040 SMI 311							
SISSA 700 MASTERS THESIS								LING 451 PHONOLOGY I (VLPA/I&S)								MATH 301 ELEM NUMBER THEORY (NW)							
>3451 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								2365 A 4 MTWThF 1200-130 SMI 304 KAISSE,E TERM A OFFERED JOINTLY WITH ANTH 451 A								2426 A 3 MWF 1200-100 SIG 227							
INTERNATIONAL STUDIES (SOUTHEAST ASIAN)								LING 452 PHONOLOGY II (VLPA/I&S)								MATH 307 INTRO TO DIFF EQ (NW)							
STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.								2366 A 4 MTWThF 1200-130 SMI 304 HARCUS,S TERM B OFFERED JOINTLY WITH ANTH 452 A								2427 A 3 MWF 830-930 SIG 231 2428 B 3 MWF 940-1040 CHL 036 2429 C 3 MWF 1050-1150 EEB 108 2430 U 3 TTh 630-750P SIG 134							
SISSE 221 HISTORY OF SE ASIA (I&S)								LING 461 SYNTAX I (VLPA/I&S)								MATH 308 LINEAR ALGEBRA (NW)							
3452 A 5 MTWThF 1200-210 SMI 407 THOMPSON,M TERM B OFFERED JOINTLY WITH HSTAS 221 A								2367 A 4 MTWThF 220-350 SMI 304 TERM B OFFERED JOINTLY WITH ANTH 461 A								2431 A 3 MWF 830-930 MOR 234 2432 B 3 MWF 940-1040 DEN 307 2433 C 3 MWF 1050-1150 GLD 322							
SISSE 499 UNDERGRAD RESEARCH								LING 499 UNDERGRAD RESEARCH								MATH 309 LINEAR ANALYSIS (NW)							
>3457 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. THO 111								>2368 A 1-5 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. PDL A210								2434 A 3 MWF 940-1040 GLD 435							
INTERNATIONAL STUDIES								LING 531 PROBS IN ROMAN LING								MATH 324 ADV CALCULUS I (NW)							
STUDENTS NOT ATTENDING THE FIRST WEEK OF THE QTR MAY BE DROPPED.								>2369 A 2-5 MTWThF 940-1150 PDL B202 TERM A								2435 A 3 MWF 940-1040 ECL 001 2436 B 3 MWF 1050-1150 SMS B014							
SIS 201 INTRO INTL POL ECON (I&S)								LING 600 INDEPNENT STDY/RSCH								MATH 325 ADV CALCULUS II (NW)							
3425 A 5 MTWThF 940-1150 THO 334 JONES,C TERM B								>2370 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. PDL A210								2437 A 3 MWF 1050-1150 CHL 105							
SIS 330 POL ECON OF DEVELOP (I&S)								LING 700 MASTERS THESIS								MATH 390 PROB STAT ENG SCI (NW)							
3426 A 5 MTWThF 940-1150 CMU 232 POZNANSKI,K TERM A								>2371 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. PDL A210								2438 AA 4 MTh 1050-1150 DEN 307 Th 1200-100 SMI 105 OFFERED JOINTLY WITH STAT 390 AA 2439 AB 4 MTWTh 1050-1150 DEN 307 Th 110-210 SMI 105 OFFERED JOINTLY WITH STAT 390 AB							
SIS 426 WORLD POLITICS (I&S)								LING 800 DOCTORAL DISSERTATN															
3427 A 5 MTWThF 110-320 SMI 313 CAPORASO,J TERM B OFFERED JOINTLY WITH POL S 426 A								>2372 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. PDL A210															
SIS 444 PEASANTS IN POLITIC (I&S)																							
3428 A 5 MTWThF 940-1150 THO 235 SORENSEN,C TERM A OFFERED JOINTLY WITH POL S 446 A																							

University of Washington

DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR	DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR	DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR
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APPLIED MUSIC Continued

ENTRY CODES ARE AVAILABLE IN MUS 116

MUSAP 513	TRUMPET	>2609 A 2-3	TO BE ARRANGED	* *	TERM A
MUSAP 516	HARP	>2610 A 2-3	TO BE ARRANGED	* *	
MUSAP 517	PERCUSSION	>2611 A 2-3	TO BE ARRANGED	* *	
MUSAP 520	VOICE	>2612 A 3	TO BE ARRANGED	* *	
MUSAP 524	VIOLIN-VIOLA	>2613 A 3	TO BE ARRANGED	* *	
MUSAP 525	VIOLONCELLO	>2614 A 3	TO BE ARRANGED	* *	
MUSAP 529	CLARINET	>2615 A 3	TO BE ARRANGED	* *	
MUSAP 532	HORN	>2616 A 3	TO BE ARRANGED	* *	
MUSAP 533	TRUMPET	>2617 A 3	TO BE ARRANGED	* *	TERM A
MUSAP 536	HARP	>2618 A 3	TO BE ARRANGED	* *	
MUSAP 537	PERCUSSION	>2619 A 3	TO BE ARRANGED	* *	
MUSAP 538	GUITAR	>2620 A 3	TO BE ARRANGED	* *	TERM A
MUSAP 570	VOICE	>2621 A 3	TO BE ARRANGED	* *	
MUSAP 574	VIOLIN-VIOLA	>2622 A 3	TO BE ARRANGED	* *	
MUSAP 579	CLARINET	>2623 A 3	TO BE ARRANGED	* *	
MUSAP 582	HORN	>2624 A 3	TO BE ARRANGED	* *	
MUSAP 583	TRUMPET	>2625 A 3	TO BE ARRANGED	* *	TERM A
MUSAP 587	PERCUSSION	>2626 A 3	TO BE ARRANGED	* *	

MUSIC

STUDENTS, MAJORS AND NON-MAJORS, MUST MEET ALL PREREQUISITES, PERMISSION AND ATTENDANCE REQUIREMENTS OR BE DISENROLLED BY THE THIRD DAY OF THE QUARTER.

ENTRY CODES AVAILABLE IN MUS 116.

OVERLOADS ARE ISSUED FROM INSTRUCTORS DURING THE FIRST WEEK OF THE QUARTER FOR COURSES THAT ALLOW OVERLOADS.

MUSIC 116	ELEM MUSIC THEORY (VLPA)	2660 A 2	MTWTh 1050-1150	MUS 126	KAPPY,D
		2661 B 2	MTWTh 1050-1150	MUS 126	KAPPY,D
MUSIC 120	SURVEY OF MUSIC (VLPA)	2662 A 5	MTWThF 830-1030	MUS 126	TARICANI,J
MUSIC 162	AKER POP SONG (VLPA)	2663 A 5	MTWThF 110-210	MUS 126	
MUSIC 317	MUSIC CULT OF WORLD (VLPA/I&S)	2664 A 5	MTWThF 1050-1250	MUS 213	ELLINGSON,T

MUSIC 331	HISTORY OF JAZZ (VLPA)	2665 A 3	MTWTh 830-1030	MUS 213	COLLIER,T
MUSIC 344	PSYCHOLOGY OF MUSIC (VLPA/I&S)	2666 A 3	TTh 830-1000	MUS 223	LADEN,B
MUSIC 379	JUNIOR RECITAL (VLPA)	>2667 A 1	TO BE ARRANGED	* *	
MUSIC 389	WORLD MUSIC (VLPA/I&S)	>2668 A 2-3	TO BE ARRANGED	* *	
		>2669 B 2-3	TO BE ARRANGED	* *	
MUSIC 479	SENIOR RECITAL (VLPA)	>2670 A 1	TO BE ARRANGED	* *	
MUSIC 484	CHORAL REP: 20 CENT (VLPA)	2671 A 3	MTWThF 100-320	MUS 114	CONLON,J
		2673 B	VAR TTh 230-320	MUS 126	
MUSIC 499	UNDERGRAD RESEARCH	>2672 A	VAR TO BE ARRANGED	* *	
		>2673 B	VAR TTh 230-320	MUS 126	
MUSIC 559	MASTERS RECITAL	>2674 A 3	TO BE ARRANGED	* *	
MUSIC 580	ADVANCED CONDUCTING	2675 A 3	MTWThF 830-1015	MUS 114	SALZMAN,T
MUSIC 583	ADV CHORAL CONDUCTG	>2676 A 3	MTWThF 1030-1230	MUS 114	CONLON,J
MUSIC 589	WORLD MUSIC LAB	>2677 A 3	TO BE ARRANGED	* *	
		>2678 B 3	TO BE ARRANGED	* *	
MUSIC 590	DOCTORAL RECITAL	>2679 A	2-6 TO BE ARRANGED	* *	
MUSIC 599	ADV SELECTED TOPICS	>2680 A 2	TTh 940-1150	MUS 212	DEACON,T
		>2681 B 3	MTWThF 830-1015	MUS 313	COLWELL,R
		>2682 C 3	MTWTh 100-600	MUS 313	NETTL,B
		>2683 D 2	TTh 940-1150	MUS 212	
MUSIC 600	INDEPNDNT STDY/RSCH	>2684 A	VAR TO BE ARRANGED	* *	
MUSIC 700	MASTERS THESIS	>2685 A	VAR TO BE ARRANGED	* *	
MUSIC 800	DOCTORAL DISSERTATN	>2686 A	VAR TO BE ARRANGED	* *	

MUSIC EDUCATION

ENTRY CODES ARE AVAILABLE IN MUS 116

MUSED 401	TIN PAN ALLEY MUSED (VLPA)	2627 A 1	MTWTh 330-600	MUS 212	COLLIER,T
MUSED 402	ROCK & ROLL ROOTS (VLPA)	2628 A 1	MTWTh 330-600	MUS 212	COLLIER,T
MUSED 405	MARCHING BAND TECHS (VLPA)	2629 A 2	MTWTh 1030-1220	MUS 114	SALZMAN,T
MUSED 410	INST REHEARSAL TECH (VLPA)	2630 A 3	MTWThF 100-320	MUS 114	SALZMAN,T
MUSED 431	CURRIC IN MUS ED (VLPA)	2631 A 3	MTWThF 830-1015	MUS 313	KLINGER,R
MUSED 475	TONG MUSIC OF CLTRS (VLPA)	2632 A 1	MTWTh 100-320	MUS 313	CAMPBELL,P
		2633 B 1	MTWTh 100-320	MUS 027	BURTON,
		2634 C 1	MTWTh 330-600	MUS 027	BURTON,
MUSED 496	SPEC MUS ED TOPICS (VLPA)	2635 A 1	MTWTh 330-600	MUS 313	CAMPBELL,P
		2636 B 3	MTWThF 1050-1150	MUS 035	SZABO,
		2637 C 1	MTWTh 100-320	MUS 313	MAY,W
		2638 D 2	MTWTh 330-600	MUS 035	CUMMINGS,R
		2639 E 2	MTWTh 330-600	MUS 012	CHENAULT,J
		2640 F 1	MTWThF 700-900P	MUS 114	SALZMAN,T
		2641 G 1	MTWTh 100-320	MUS 313	ADKINS,
		2642 H 1	MTWTh 330-600	MUS 114	DEMAREST,S
		2643 J 1	MTWTh 100-320	MUS 313	ADKINS,
		2644 K 1	MTWTh 330-600	MUS 114	DEMAREST,S
MUSED 501	INTRO RESEARCH	2645 A 3	MTTh 830-1015	MUS 027	DEMAREST,S

DEPT	COURSE	TITLE	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	DAY	TIME	BLDG	ROOM	INSTRUCTOR
BLN	SECTION	CRD						BLN	SECTION	CRD						BLN	SECTION	CRD					
SPEC	CODE	COMMENTS						SPEC	CODE	COMMENTS						SPEC	CODE	COMMENTS					

PHYSICS Continued

*PHYS 119 ALL LABS - EC REQUIRED BEGINNING 6/19. OBTAIN EC FROM TA AT 1ST LAB; ATTENDANCE REQUIRED AT 1ST LB OR STUDENT WILL BE DROPPED.

PHYS 119 GENERAL PHYSICS LAB (NW)
 3109 ZA 1 M 110-430 PAB B125
 CREDIT/NO CREDIT ONLY
 ADD CODE REQUIRED (PD.3)
 3110 ZB 1 W 110-430 PAB B125
 CREDIT/NO CREDIT ONLY
 ADD CODE REQUIRED (PD.3)
 3111 ZC 1 Th 110-430 PAB B125
 CREDIT/NO CREDIT ONLY

**PHYS 121 ALL SECTIONS - EC REQ BEGINNING 6/19. OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION; ATTENDANCE REQ AT 1ST TUTORIAL OR STUDENT WILL BE DROPPED FOR NON-ATTENDANCE; CONCURRENT REGISTRATION IN A 131 LAB SECTION REQUIRED.

PHYS 121 MECHANICS (NW, OSR)
 3112 AA 4 M/WTh 830-930 PAB A118
 W 1050-1150 PAB B164
 CONCURR REG IN PHYS 131 REQ'D
 ADD CODE REQUIRED (PD.3)
 3113 AB 4 M/WTh 830-930 PAB A118
 W 1200-100 PAB B164
 CONCURR REG IN PHYS 131 REQ'D
 ADD CODE REQUIRED (PD.3)
 3114 AC 4 M/WTh 830-930 PAB A118
 Th 940-1040 PAB B164
 CONCURR REG IN PHYS 131 REQ'D
 ADD CODE REQUIRED (PD.3)
 3115 AD 4 M/WTh 830-930 PAB A118
 Th 1050-1150 PAB B164
 CONCURR REG IN PHYS 131 REQ'D
 ADD CODE REQUIRED (PD.3)
 3116 AE 4 M/WTh 830-930 PAB A118
 Th 110-210 PAB B164
 CONCURR REG IN PHYS 131 REQ'D
 ADD CODE REQUIRED (PD.3)

**PHYS 122 ALL SECTIONS - EC REQ BEGINNING 6/19. OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION; ATTENDANCE REQ AT 1ST TUTORIAL OR STUDENT WILL BE DROPPED FOR NON-ATTENDANCE; CONCURRENT REGISTRATION IN A 132 LB SECTION REQUIRED.

PHYS 122 ELMAG & OSCIL MOTN (NW)
 3117 AA 4 M/WTh 940-1040 PAB A118
 W 830-930 PAB B156
 CONCURR REG IN PHYS 132 REQ'D
 ADD CODE REQUIRED (PD.3)
 3118 AB 4 M/WTh 940-1040 PAB A118
 W 1050-1150 PAB B156
 CONCURR REG IN PHYS 132 REQ'D
 ADD CODE REQUIRED (PD.3)
 3119 AC 4 M/WTh 940-1040 PAB A118
 W 1200-100 PAB B156
 CONCURR REG IN PHYS 132 REQ'D
 ADD CODE REQUIRED (PD.3)

**PHYS 123 ALL SECTIONS - BEGINNING 6/19 (NOT BEFORE) EC REQUIRED; OBTAIN EC AT 1ST TUTORIAL SESSION; ATTENDANCE REQ AT 1ST TUTORIAL OR STUDENT WILL BE DROPPED FOR NON-ATTENDANCE; CONCURR REG IN A 133 LB SECTION REQUIRED.

PHYS 123 WAVES (NW)
 3120 AA 4 M/WTh 1050-1150 PAB B118
 Th 830-930 PAB B156
 CONCURR REG IN PHYS 133 REQ'D
 ADD CODE REQUIRED (PD.3)
 3121 AB 4 M/WTh 1050-1150 PAB B118
 Th 940-1040 PAB B156
 CONCURR REG IN PHYS 133 REQ'D
 ADD CODE REQUIRED (PD.3)
 3122 AC 4 M/WTh 1050-1150 PAB B118
 Th 1200-100 PAB B156
 CONCURR REG IN PHYS 133 REQ'D
 ADD CODE REQUIRED (PD.3)
 3123 AD 4 M/WTh 1050-1150 PAB B118
 Th 110-210 PAB B156
 CONCURR REG IN PHYS 133 REQ'D
 ADD CODE REQUIRED (PD.3)

**PHYS 131 ALL LABS - BEGINNING 6/19 (NOT BEFORE) EC REQUIRED; OBTAIN EC FROM TA AT 1ST TUTORIAL SESSION; ATTENDANCE REQ AT 1ST LB OR STUDENT WILL BE DROPPED; CONCUR REG IN A 121 LC SECTION REQUIRED.

PHYS 131 EXPTL PHYSICS (NW)
 3124 ZA 1 M 110-430 PAB B108
 ADD CODE REQUIRED (PD.3)
 3125 ZB 1 M 110-430 PAB B110
 ADD CODE REQUIRED (PD.3)
 3126 ZC 1 W 110-430 PAB B108
 ADD CODE REQUIRED (PD.3)
 3127 ZD 1 W 110-430 PAB B110
 ADD CODE REQUIRED (PD.3)
 3128 ZE 1 Th 110-430 PAB B108
 ADD CODE REQUIRED (PD.3)

**PHYS 132 ALL LABS - BEGINNING 6/19 (NOT BEFORE) EC REQUIRED; OBTAIN EC FROM TA AT 1ST LAB; ATTENDANCE REQ AT 1ST LAB OR STUDENT WILL BE DROPPED; CONCUR REG IN A 122 SECTION REQUIRED.

PHYS 132 EXPTL PHYSICS (NW)
 3129 ZA 1 M 110-430 PAB B176
 ADD CODE REQUIRED (PD.3)
 3130 ZB 1 W 110-430 PAB B176
 ADD CODE REQUIRED (PD.3)
 3131 ZC 1 Th 110-430 PAB B176
 ADD CODE REQUIRED (PD.3)
 3132 ZD 1 F 940-1240 PAB B176

**PHYS 133 ALL LABS - BEGINNING 6/19 (NOT BEFORE) EC REQUIRED; OBTAIN EC FROM TA AT 1ST LAB; ATTENDANCE REQ AT 1ST LB OR STUDENT WILL BE DROPPED; CONCUR REG IN A 123 LC SECTION REQUIRED.

PHYS 133 EXPTL PHYSICS (NW)
 3133 ZA 1 M 110-430 PAB B123
 ADD CODE REQUIRED (PD.3)
 3134 ZB 1 W 110-430 PAB B123
 ADD CODE REQUIRED (PD.3)
 3135 ZC 1 Th 110-430 PAB B123
 ADD CODE REQUIRED (PD.3)
 3136 ZD 1 F 940-1240 PAB B123
 ADD CODE REQUIRED (PD.3)

PHYS 224 THERMAL PHYSICS (NW)
 3137 A 3 M/WTh 830-930 PAB A110

PHYS 225 MODERN PHYSICS (NW)
 3138 A 3 M/WTh 1050-1150 PAB B110

PHYS 334 ELECT CIRCUITS LAB (NW)
 3139 AA 3 TTh 1130-1230 PAB B109 HECKEL,B
 TTh 100-430 PAB B260
 TERM A
 3140 AB 3 TTh 1130-1230 PAB B109 HECKEL,B
 MW 100-430 PAB B260
 TERM A

PHYS 335 ELECT CIRCUITS LAB (NW)
 3141 AA 3 TTh 1130-1230 PAB B109 HECKEL,B
 TTh 100-430 PAB B260

TERM B
 3142 AB 3 TTh 1130-1230 PAB B109 HECKEL,B
 MW 100-430 PAB B260
 TERM B

PHYS 401 SPECIAL PROBLEMS
 >3143 A VAR TO BE ARRANGED * *
 CALL 543-2772 FOR DETAILS OR COME TO PAB C139A
 >3144 B VAR TO BE ARRANGED * *
 H EC CALL 685-2046

PHYS 405 PHYS SCI FOR TEACHS (NW)
 >3145 A 5 TO BE ARRANGED * *
 EC CALL 685-2046

PHYS 406 PHYS SCI FOR TEACHS (NW)
 >3146 A 5 TO BE ARRANGED * *
 EC CALL 685-2046

PHYS 407 PHYSICS FOR TEACHRS (NW)
 >3147 A 5 TO BE ARRANGED * *
 MEETS WRITING COURSE REQUIREMENT
 EC CALL 685-2046

PHYS 408 PHYSICS FOR TEACHRS (NW)
 >3148 A 5 TO BE ARRANGED * *
 MEETS WRITING COURSE REQUIREMENT
 EC CALL 685-2046

PHYS 409 PHYSICS FOR TEACHRS (NW)
 >3149 A 5 TO BE ARRANGED * *
 MEETS WRITING COURSE REQUIREMENT
 EC CALL 685-2046

PHYS 410 SCI INSERVICE TCHRS (NW)
 3150 A 1-2 TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 CALL 685-2046 FOR INFO

PHYS 427 APPL OF PHYSICS (NW)
 >3151 A 3 TO BE ARRANGED * *
 EC CALL 685-2046

PHYS 588 SKNR COSMIC RAY PHY
 3152 A VAR F 330-500 PAB A110
 CREDIT/NO CREDIT ONLY
 COSMIC RAY PHY

PHYS 600 INDEPNONT STDY/RSCH
 >3153 A VAR TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 OBTAIN FACULTY CODE FROM INSTR

PHYS 800 DOCTORAL DISSERTATN
 >3154 A VAR TO BE ARRANGED * *
 CREDIT/NO CREDIT ONLY
 OBTAIN FACULTY CODE FROM INSTR

POLITICAL SCIENCE, DEPARTMENT OF

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 III: STUDENT'S 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 (I&S)
 3156 A 5 MTWThF 110-210 SHI 120 GOLDBERG,E

POL S 202 INTRO TO AMER POL (I&S)
 3167 A 5 MTWThF 1050-1150 MEB 238

POL S 203 INTRO INTERNATL REL (I&S)
 3168 A 5 MTWThF 1200-100 CMJ 326

POL S 204 INTRO TO COMPAR POL (I&S)
 3169 A 5 MTWThF 830-1040 SHI 102 HANSON,S
 TERM A

POL S 212 PHIL OF FEMINISM (I&S)
 3170 A 5 MTWThF 1200-100 PAR 108 BROKES,A
 OFFERED JOINTLY WITH PHIL 206 A
 NO FRESHMEN

POL S 305 POL & COMMUNICATION (I&S)
 3173 A 5 MTWThF 1050-1150 AND 223
 NO FRESHMEN

POL S 321 AMER FOREIGN POLICY (I&S)
 3174 A 5 MTWThF 940-1150 SAV 341 MAJESKI,S
 TERM A
 NO FRESHMEN

POL S 324 EUROPE IN WORLD POL (I&S)
 3175 A 5 MTWThF 940-1040 AND 223 KEELER,J
 NO FRESHMEN

POL S 326 SCAND IN WORLD AFRS (I&S)
 3177 A 5 MTWThF 940-1150 SAV 249 INGEBRTSEN
 TERM A
 OFFERED JOINTLY WITH SCAND 326 A
 NO FRESHMEN (PD.1&2)

POL S 346 WESTERN EUROPE GOVT (I&S)
 3178 A 5 MTWThF 830-930 JHA 111 KEELER,J
 NO FRESHMEN

Summer Quarter Time Schedule

DEPT BLM SPEC	COURSE SECTION CRD CODE	TITLE CRD DAY TIME COMMENTS	BLDG ROOM	INSTRUCTOR	DEPT BLM SPEC	COURSE SECTION CRD CODE	TITLE CRD DAY TIME COMMENTS	BLDG ROOM	INSTRUCTOR	DEPT BLM SPEC	COURSE SECTION CRD CODE	TITLE CRD DAY TIME COMMENTS	BLDG ROOM	INSTRUCTOR
POLITICAL SCIENCE Continued					SOCIETY & JUSTICE					PSYCHOLOGY				
POL S	354	AM ELECTIONS & VOTE (I&S)			SO JU	310	RESEARCH IN SO/JU (I&S)			PSYCH	101	PSYCH AS SOC SCI (I&S)		
3179	A 5	TTh 110-320	THO 135	MC CRONE, D	>3466	A 1-5	TO BE ARRANGED * *			3238	A 5	MTWThF 1050-1150	SAV 239	FELDMAN, J
POL S	356	SOCIETY & POLITICS (I&S)			>3467	A 5	TTh 940-100	SME 109	PENDLETON, M	3239	U 5	TTh 550-820P	THO 101	LEONESIO, R
3180	A 5	MTWThF 110-320	SME 305	BURSTEIN, P	PSYCHOLOGY					PSYCH	102	PSYCH - NATURAL SCI (NW)		
TERM A OFFERED JOINTLY WITH SOC 356 A MEETS WRITING COURSE REQUIREMENT					3240	A 5	MTWThF 830-930	AND 223	VITIELLO, M	PSYCH	200	COMP ANIM BEHAV (NW)		
POL S	360	AM CONST LAW (I&S)			3241	A 5	MTWThF 940-1040	MEB 134	BARASH, D	3242	A 3	TTh 110-250	PAB A110	SMOLL, F
3181	A 5	MW 110-320	THO 135		PREREQ: 102 OR BIOL 102					PSYCH	201	HUMAN PERFOR ENHANC (I&S)		
NO FRESHMEN					3243	A 4	MTWThF 940-1040	GLD 436	COOLIDGE, T	3244	AA 4	TWTh 1050-1150	PAB A118	PASSER, M
POL S	361	AM CIVIL LIBERTY (I&S)			F 830-930 GLD 436					PSYCH	210	PSYCH-HUMAN SEXLTLY (I&S)		
3182	A 5	MTWThF 830-1040	SAV 216	MC CANN, M						3248	A 4	MW 1200-210	PAB A118	MCDERMOTT, L
TERM A NO FRESHMEN										PSYCH	213	ELEM PSYCH STAT (OSR)		
POL S	383	ENVIRON POLITICS (I&S)								3249	A 6	MWF 220-430	BNS 117	MIYAMOTO, J
3183	A 5	MTWThF 940-1040	SAV 241							PSYCH MAJORS ONLY (PD.1) PREREQ: MATH 111 OR 120				
NO FRESHMEN										PSYCH	222	SURV-PHYSIOL PSYCH (NW)		
POL S	407	INTERNATL CONFLICT (I&S)								3250	A 3	MWF 830-930	SME 211	RICHARDSON
3184	A 5	MTWThF 830-930	ART 317							PREREQ: BIOL SCI NO OR 101 OR 102				
NO FRESHMEN										PSYCH	231	LAB HUMAN PERFORM (I&S)		
POL S	410	TECHNOLOGY & POL (I&S)								3251	ZN 3	MWF 1200-210	GTH 053	
3185	A 5	MTWThF 1050-100	BLD 392	LITFIN, K						MEETS WRITING COURSE REQUIREMENT PSYCH MAJORS ONLY SENIORS ONLY (PD.1) PREREQ: 209 & 213 OR 217; PLUS ADDT'L TIME *				
NO FRESHMEN										PSYCH	232	LAB ANIMAL LEARNING (NW)		
POL S	418	RNC'S & WORLD ORDER (I&S)								3252	ZN 3	MTWThF 940-1040	GTH 051	
3186	A 5	MTWThF 940-1150	LOW 114	PALACIOS, J						MEETS WRITING COURSE REQUIREMENT PSYCH MAJORS ONLY SENIORS ONLY (PD.1) ADD CODE REQUIRED (PD.3) PLUS ADOTL TIME *				
TERM A NO FRESHMEN										PSYCH	233	LAB ANIMAL BEHAVIOR (NW)		
POL S	426	WORLD POLITICS (I&S)								>3253	ZN 5	MWF 110-320	HCK 346	
3187	A 5	MTWThF 110-320	SME 313	CAPORASO, J						MEETS WRITING COURSE REQUIREMENT PSYCH MAJORS ONLY SENIORS ONLY (PD.1) EC'S GTH 114				
TERM B OFFERED JOINTLY WITH SIS 426 A NO FRESHMEN										PSYCH	240	BEHAVIOR MOD (I&S)		
POL S	435	JAPAN (I&S)								3254	A 4	MTWThF 1050-1150	SIG 227	MANGELSDORF
3903	A 5	MTWThF 1200-100	* *	AN, Z						PREREQ: 101 OR 102				
NO FRESHMEN										PSYCH	257	PSYCH SEX DIFFS (I&S)		
POL S	445	EASTERN EUROPE GOVT (I&S)								3255	AA 5	MTWTh 1200-100	MOR 220	DAHL, B
3188	A 5	MTWThF 1050-100	THO 202	RAMET, S						F 830-930 CHL 036 OFFERED JOINTLY WITH WOMEN 257 AA				
TERM B OFFERED JOINTLY WITH SISRE 445 A NO FRESHMEN										3256	AB 5	MTWTh 1200-100	MOR 220	DAHL, B
POL S	446	PEASANTS IN POLITIC (I&S)								F 940-1040 MEB 242 OFFERED JOINTLY WITH WOMEN 257 AB				
3189	A 5	MTWThF 940-1150	THO 235	SORENSEN, C						3257	AC 5	MTWTh 1200-100	MOR 220	DAHL, B
TERM A OFFERED JOINTLY WITH SIS 444 A NO FRESHMEN										F 1050-1150 LOW 217 OFFERED JOINTLY WITH WOMEN 257 AC				
POL S	447	COMP POLITICS SEM (I&S)								3258	AD 5	MTWTh 1200-100	MOR 220	DAHL, B
3190	A 5	MTWThF 1200-210	CMU 226	ADLUM, C						F 1200-100 LOW 113 OFFERED JOINTLY WITH WOMEN 257 AD				
TERM A OFFERED JOINTLY WITH SISLA 490 A MEETS WRITING COURSE REQUIREMENT NO FRESHMEN THE CUBAN REVOLUTION										PSYCH	305	ABNORMAL PSYCHOLOGY (I&S)		
POL S	481	BIG CITY POLITICS (I&S)								3259	AA 5	MTWTh 940-1040	MUE 153	GEORGE, W
3191	A 5	MTWThF 940-1150	SIG 225	OLSON, D						F 940-1040 PAB B164 OPT'L LINKED WRITING COURSE: SEE ENGL 198				
TERM A NO FRESHMEN										3260	AB 5	MTWTh 940-1040	MUE 153	GEORGE, W
POL S	489	H-HONORS SR THESIS (I&S)								F 1050-1150 AND 008 OPT'L LINKED WRITING COURSE: SEE ENGL 198				
>3192	A 5	TO BE ARRANGED * *								3261	AC 5	MTWTh 940-1040	MUE 153	GEORGE, W
MEETS WRITING COURSE REQUIREMENT POL S HONORS ONLY										F 1200-100 JHA 111 OPT'L LINKED WRITING COURSE: SEE ENGL 198				
POL S	496	INTERNSHIP								3262	AD 5	MTWTh 940-1040	MUE 153	GEORGE, W
>3193	A 5	TO BE ARRANGED * *								F 110-210 BNS 115 OPT'L LINKED WRITING COURSE: SEE ENGL 198				
NO FRESHMEN										PSYCH	306	DEVELOPMENTAL PSYCH (I&S)		
>3194	B 5	TO BE ARRANGED * *								3263	AA 5	MTWTh 1050-1150	MUE 153	
CREDIT/NO CREDIT ONLY NO FRESHMEN										F 830-930 AND 010 3264				
POL S	499	RESEARCH/READINGS								AB 5	MTWTh 1050-1150	MUE 153		
>3196	A 2-5	TO BE ARRANGED * *								F 940-1040 ARC 102 3265				
NO FRESHMEN										AC 5	MTWTh 1050-1150	MUE 153		
										F 1050-1150 PAB B109 3266				
										AD 5	MTWTh 1050-1150	MUE 153		
										F 1200-100 PAB B109				
										PSYCH	322	INTRO DRUGS & BEHAV (NW)		
										3268	A 3	MWF 830-930	GTH 057	DIAZ, J
										PREREQ: PSYCH 222				

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > = Limited enrollment in this section. Students must obtain entry code or faculty number.
 % = New course

PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

Summer Quarter Time Schedule

DEPT SPEC	COURSE SECTION CODE	TITLE CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT SPEC	COURSE SECTION CODE	TITLE CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT SPEC	COURSE SECTION CODE	TITLE CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
			COMMENTS						COMMENTS						COMMENTS								

ITALIAN Continued

2251 B 5 MTWThF 1050-100 SMI 311
TERM A

ITAL 102 ELEMENARY
2252 A 5 MTWThF 830-1040 LOW 111
TERM B

ITAL 134 FIRST YEAR INTENSIVE
2253 A 15 MTWThF 1200-320 LOW 101

ITAL 390 SUPERVISED STUDY
>2254 A 2-6 TO BE ARRANGED * *

ITAL 499 SPEC TOPICS
>2255 A 1-5 TO BE ARRANGED * *

ITAL 590 SPEC SMNR & CONFER
>2256 A 1-10 TO BE ARRANGED * *

ITAL 600 INDEPNONT STDY/RSCH
>2257 A VAR TO BE ARRANGED * *

ROMANCE LANGUAGES & LITERATURE

ROMAN 600 INDEPNONT STDY/RSCH
>3406 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ROMAN 700 MASTERS THESIS
>3407 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ROMAN 800 DOCTORAL DISSERTATN
>3408 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ROMANCE LINGUISTICS

ROM LI 499 SPECIAL TOPICS
>3403 A 1-5 TO BE ARRANGED * *

ROM LI 590 SPEC SMNR & CONFER
>3404 A 1-10 TO BE ARRANGED * *

ROM LI 600 INDEPNONT STDY/RSCH
>3405 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

SPANISH

PLACEMENT BY EXAM OR PREREQUISITES FOR 102 AND 103. ENTRY BY PLACEMENT EXAM REQUIRES ENTRY CODES PDL C-252 PERIOD I ONLY. ATTENDANCE REQUIRED TO MAINTAIN REGISTRATION. NO OVERLOADS 100 AND 200 LEVELS.

SPAN 101 ELEMENARY
3527 A 5 MTWThF 830-1040 MOR 225
TERM A

3528 B 5 MTWThF 940-1150 SIG 224
TERM A

3529 C 5 MTWThF 1050-100 ARC 102
TERM A

SPAN 102 ELEMENARY
3531 A 5 MTWThF 830-1040 LOW 101
TERM B

3532 B 5 MTWThF 940-1150 THO 235
TERM B

3533 C 5 MTWThF 1050-100 LOW 111
TERM B

SPAN 103 ELEMENARY
3534 A 5 MTWThF 1200-210 LOW 115
TERM A

3535 B 5 MTWThF 1050-100 MOR 230
TERM A

SPAN 134 INTEN FIRST YR SPAN
3536 A 15 MTWThF 1050-210 DEN 317
3537 B 15 MTWThF 1050-210 PAR 310
3538 C 15 MTWThF 1050-500 RAI 109

SPAN 201 INTERMEDIATE (VLPA)
3539 A 5 MTWThF 1050-100 LOW 118
TERM A

SPAN 202 INTERMEDIATE (VLPA)
3540 A 5 MTWThF 1050-100 ARC 019
TERM B

SPAN 203 INTERMEDIATE (VLPA)
3541 A 5 MTWThF 940-1150 MLR 302B O'HARA, E
TERM A

SPAN 301 GRAMMAR & LEXICON (VLPA)
3542 A 5 MTWF 940-1150 BLD 286
TERM A

SPAN 390 SUPERVISED STUDY
>3543 A 2-6 TO BE ARRANGED * *
3544 B 5 MTWThF 940-1150 LOW 117 PENNA, C
TERM B

SPAN 474 CONT LAT-AM FICT (VLPA)
3545 A 5 MTWThF 330-540 DEN 211 STEELE, C
TERM B

SPAN 491 INDV AUTH-SPEC TOPC (VLPA)
3546 A 5 MTWThF 940-1150 LOW 101 FLORES, L
TERM A
MEETS WRITING COURSE REQUIREMENT

SPAN 499 SPEC TOPICS
>3547 A 1-5 TO BE ARRANGED * *

SPAN 590 SPEC SMNR & CONFER
>3548 A 1-10 TO BE ARRANGED * *

SPAN 600 INDEPNONT STDY/RSCH
>3549 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

SCANDINAVIAN LANGUAGES & LITERATURE

BALTIC STUDIES

BALTIC 150 INTENS LITHUANIAN
3904 A 15 MTWThF 830-1150 * *
X MTWThF 110-210 DEN 315

BALTIC 200 BALTIC CULTURE
3908 A 15 MTWThF 220-430 DEN 316
X TERM B

SCANDINAVIAN

SCAND 230 INTRO TO FOLKLORE (VLPA/I&S)
3419 A 5 MTWThF 220-430 LOW 201 DUBOIS, T
TERM A
OFFERED JOINTLY WITH C LIT 230 A

SCAND 326 SCAND IN WORLD AFRS (I&S)
3420 A 5 MTWThF 940-1150 SAV 249 INGEBRITSEN
TERM A
OFFERED JOINTLY WITH POL S 326 A

SCAND 499 INDEP STUDY/RSRCH
>3421 A 1-5 TO BE ARRANGED * *
INSTRUCTOR I.D. RAI 318

SCAND 600 INDEPNONT STDY/RSCH
>3422 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. RAI 318

SCAND 700 MASTERS THESIS
>3423 A VAR TO BE ARRANGED * *

SCAND 800 DOCTORAL DISSERTATN
>3424 A VAR TO BE ARRANGED * *

SWEDISH

SWED 150 INTENSIVE SWEDISH
3634 A 15 MTWThF 830-1150 LOW 222 BUTLER-WALL
MTWThF 110-210 LOW 222

SLAVIC LANGUAGES & LITERATURE

CZECH

CZECH 401 ELEMENARY CZECH
1500 A 5 MTWThF 110-430 THO 125 TURBOVA, M
CONCURRENT REGIS IN 402 & 403 REQ'D

CZECH 402 ELEMENARY CZECH
1501 A 5 MTWThF 110-430 THO 125 TURBOVA, M
CONCURRENT REGIS IN 401 & 403 REQ'D

CZECH 403 ELEMENARY CZECH
1502 A 5 MTWThF 110-430 THO 125 TURBOVA, M
CONCURRENT REGIS IN 401 & 402 REQ'D

RUSSIAN

RUSS 150 INTSV FRST-YR RUSS
3409 AA 15 MTWThF 110-210 THO 101 AUGEROT, J
MTWThF 1050-1150 MOR 220
MTWThF 830-1040 LOW 118
3410 AB 15 MTWThF 110-210 THO 101 AUGEROT, J
MTWThF 1050-1150 MOR 220
MTWThF 830-1040 LOW 116
3411 AC 15 MTWThF 110-210 THO 101 AUGEROT, J
MTWThF 1050-1150 MOR 220
MTWThF 830-1040 CMU 228

**RUSS 250 - STUDENTS NOT PRESENT ON FIRST DAY OF CLASS FOR DIAGNOSTIC TEST MAY BE DROPPED.

RUSS 250 INTSV SECOND-YR RUSS (VLPA)
3412 AA 15 MTWThF 1050-1150 SMI 304 WEST, J
MTWThF 830-1040 ART 004
3413 AB 15 MTWThF 1050-1150 SMI 304 WEST, J
MTWThF 830-1040 SIG 325

**RUSS 350 - STUDENTS NOT ATTENDING FIRST THREE DAYS OF CLASS MAY BE DROPPED

RUSS 350 INTSV THIRD-YR RUSS (VLPA)
3414 AA 15 MTWThF 940-1040 SIG 227 HANEY, J
MTWThF 830-930 SIG 227
MTWThF 1050-1150 SIG 226
3415 AB 15 MTWThF 940-1040 SIG 227 HANEY, J
MTWThF 830-930 SMI 111
MTWThF 1050-1150 CMU 230

RUSS 450 INTS FOURTH-YR RUSS (VLPA)
3416 A 15 MTWThF 830-1150 LOW 112 POLACK, Z

RUSS 499 DIRECTED STUDY/RSCH
>3417 A 1-5 TO BE ARRANGED * *
INSTR I.D. SMI M253 OR 543-6848

RUSS 600 INDEPNONT STDY/RSCH
>3418 A VAR TO BE ARRANGED * *
INSTR I.D. SMI M253 OR 543-6848

SLAVIC

SLAV 498 SENR HONORS THESIS (VLPA)
>3458 A 3-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. SMI M253 OR 543-6848

SLAV 499 DIRECTED STUDY/RSCH
>3459 A 1-5 TO BE ARRANGED * *
INSTR I.D. SMI M253 OR 543-6848

SLAVIC LANGUAGES & LITERATURE

SLAVIC 600 INDEPNONT STDY/RSCH
>3460 A VAR TO BE ARRANGED * *
INSTR I.D. SMI M253 OR 543-6848

SLAVIC 800 DOCTORAL DISSERTATN
>3461 A VAR TO BE ARRANGED * *
INSTR I.D. SMI M253 OR 543-6848

SOCIETY AND JUSTICE

SEE: POLITICAL SCIENCE, DEPARTMENT OF

SOCIOLOGY

NO OVERLOADS. SOCIOLOGY MAJORS WHO NEED CLASSES TO GRADUATE SHOULD MAKE ADVISING APPOINTMENT.

SOC 110 SURVEY SOCIOLOGY (I&S)
3470 B 5 MTWThF 940-1040 SAV 245 SCHWEIDER, J
3471 D 5 MTWThF 1050-1150 LOW 218 BATES, K
MEETS WRITING COURSE REQUIREMENT

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
I&S = Individuals and societies
NW = Natural world
QSR = Quantitative, symbolic or formal reasoning
C = English composition

H = Honors course
> Limited enrollment in this section. Students must obtain entry code or faculty number.
% New course

PD1 = Period I (May 1-26)
PD2 = Period II (May 30-June 18)
PD3 = Period III (June 19-30)
PD4 = Period IV (July 3-Aug. 6)

Summer Quarter Time Schedule

DEPT COURSE TITLE BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR SPEC CODE COMMENTS

DEPT COURSE TITLE BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR SPEC CODE COMMENTS

DEPT COURSE TITLE BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR SPEC CODE COMMENTS

SPEECH & HEARING SCIENCES Continued

3584 CA 1-9 TO BE ARRANGED * * TO BE ARRANGED * * CREDIT/NO CREDIT ONLY AURAL REHAB-ADULT; PLUS ADDTL HRS 3585 EA 1-9 Th 1200-1250 * * MANCL,L W 900-120 CDC 314 CREDIT/NO CREDIT ONLY HI RISK INF FOLL 3586 FA 1-9 * TO BE ARRANGED * * LABIAK,J CREDIT/NO CREDIT ONLY CALIBRATION 3587 CA 1-9 TO BE ARRANGED * * SANBORN,E TO BE ARRANGED * * CREDIT/NO CREDIT ONLY GEN ASSES; PLUS ADDTL HRS 3588 HA 1-9 Th 1200-100 * * MANCL,L FOLSOM,R W 200-420 * * CREDIT/NO CREDIT ONLY ABR ASSES - INFANT 3589 IA 1-9 Th 830-1200 * * LABIAK,J FOLSOM,R CREDIT/NO CREDIT ONLY ABR ASSES ADULT SPHSC 599 RSCH PRACTICUM >3590 A VAR TO BE ARRANGED * * EC EQL 203 SPHSC 600 INDEPNNT STDY/RSCH >3591 A 1-9 TO BE ARRANGED * * INSTRUCTOR I.D. EQL 203 SPHSC 601 INTERNSHIP 3592 A 3-9 TO BE ARRANGED * * SANBORN,E CREDIT/NO CREDIT ONLY INTERNSHIP IN AUDIOLOGY >3593 S 3-9 MW 100-400 * * ALARCON,N CREDIT/NO CREDIT ONLY EC EQL 203; INTERNSHIP IN SPEECH PATHOLOGY SPHSC 700 MASTERS THESIS >3594 A 1-9 TO BE ARRANGED * * INSTRUCTOR I.D. EQL 203 SPHSC 800 DOCTORAL DISSERTATN >3595 A 1-9 TO BE ARRANGED * * INSTRUCTOR I.D. EQL 203

SP CHU 334 ESSNTLS OF ARGUMENT (VLPA/I&S) 3514 U 5 MW 700-920P DEN 205 ADD CODE REQUIRED (PD.3) SP CHU 341 INTERP CHILDREN LIT (VLPA) 3515 A 3 MTWTF 830-930 RAI 121 POST,R TERM A ADD CODE REQUIRED (PD.3) SP CHU 373 PRIN GROUP DISCUSSN (VLPA/I&S) 3516 A 5 TTh 1050-100 SMS 230 BAUMAN,I F 1050-1150 RAI 121 ADD CODE REQUIRED (PD.3) SP CHU 474 CHU IN CONFLICT (VLPA/I&S) 3517 A 5 MTWTF 1050-1150 SMS 026 PHILIPSEN,G ADD CODE REQUIRED (PD.3) SP CHU 475 ORG COMMUNICATION (VLPA/I&S) 3518 A 5 TTh 940-1150 RAI 121 TRETNEY, A F 940-1040 RAI 121 ADD CODE REQUIRED (PD.3) SP CHU 498 SPEC TOPICS SP CHU 3519 A 5 MTWTF 940-1140 RAI 116 POST,R TERM A ADD CODE REQUIRED (PD.3) FROM STAGE TO SCREEN: PERFORMING PLAYS 3520 B 5 TTh 830-1040 SMS 230 BAUMAN,I F 830-930 DEN 310 ADD CODE REQUIRED (PD.3) COMMUNICATION & FAMILY SP CHU 499 UNDERGRAD RESEARCH >3521 A 1-5 TO BE ARRANGED * * INSTRUCTOR I.D. RAI 205 >3522 B 1-5 TO BE ARRANGED * * NYQUIST,J EC RAI 104; MEDIA INTERNSHIP SP CHU 600 INDEPNNT STDY/RSCH >3523 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. RAI 205 >3524 B VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. RAI 205 SP CHU 700 MASTERS THESIS >3525 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. RAI 205 SP CHU 800 DOCTORAL DISSERTATN >3526 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. RAI 205

OFFERED JOINTLY WITH MATH 394 A 3606 B 3 MWF 1050-100 SIG 325 TERM A OFFERED JOINTLY WITH MATH 394 B STAT 395 PROBABILITY II (NW) 3607 A 3 MWF 830-1040 MOR 230 TERM B OFFERED JOINTLY WITH MATH 395 A 3608 B 3 MWF 1050-100 SIG 229 TERM B OFFERED JOINTLY WITH MATH 395 B STAT 499 UNDERGRAD RESEARCH >3609 A 1-5 TO BE ARRANGED * * INSTR I.D. PHONE 543-8296 OR E-MAIL KRISTINGSTAT.WASHINGTON.EDU STAT 578 SPEC TOP ADV BIOST 3610 A 3 TTh 830-1040 HST T531 OFFERED JOINTLY WITH BIOST 578 A CREDIT/NO CREDIT ONLY "SPATIAL STATISTICS" >3611 B 3 MW 200-400 HST T531 FISHER,L OFFERED JOINTLY WITH BIOST 578 B CREDIT/NO CREDIT ONLY "DRUG EVALUATION" EC HSD F600, 543-1044 3612 C 3 MW 200-400 HST T539 OFFERED JOINTLY WITH BIOST 578 C CREDIT/NO CREDIT ONLY EC HSD F600, 543-1044 3613 D 3 MW 1100-1220 HST T530 OFFERED JOINTLY WITH BIOST 578 D EC HSD F600, 543-1044 STAT 599 STAT CONSULTING >3614 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY EC PDL B309 & INSTR PERM STAT 600 INDEPNNT STDY/RSCH >3615 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. PDL B309 STAT 700 MASTERS THESIS >3616 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. PDL B309 STAT 800 DOCTORAL DISSERTATN >3617 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. PDL B309

SPEECH COMMUNICATION

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 III. PERMISSION INFORMATION AVAILABLE IN RAI 205. SOME CLASSES REQUIRE PERMISSION TO ADD DURING ALL REGISTRATION PERIODS: SEE INDIVIDUAL COURSE LISTING FOR ADDITIONAL PERMISSION INSTRUCTIONS. SP CHU 102 SPCH INDVCL SOCIETY (VLPA/I&S) 3507 A 5 MTWTF 940-1040 SHI 211 PHILIPSEN,G ADD CODE REQUIRED (PD.3) SP CHU 103 INTERPERSONAL CHU (VLPA/I&S) 3508 A 5 MW 1050-100 RAI 109 MANUSOV,V F 1050-1150 RAI 109 ADD CODE REQUIRED (PD.3) 3509 B 5 MTWTF 830-1040 RAI 105 PARKS,M TERM A ADD CODE REQUIRED (PD.3) SP CHU 220 INTRO TO PUBLIC SPK (VLPA/I&S) 3510 A 5 MTWTF 1050-100 RAI 105 TERM A ADD CODE REQUIRED (PD.3) 3511 B 5 MTWTF 830-930 RAI 107 ADD CODE REQUIRED (PD.3) 3512 U 5 TTh 700-920P SAV 146 CAMPBELL,J ADD CODE REQUIRED (PD.3) SP CHU 301 INTERVIEWING (VLPA/I&S) 3513 A 5 MTWTF 940-1150 RAI 107 WARNICK,B TERM A ADD CODE REQUIRED (PD.3)

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 (NW,OSR) 3596 AA 5 MWF 830-930 MEB 238 TTh 830-930 SAV 241 3597 AB 5 MWF 830-930 MEB 238 TTh 940-1040 MEB 242 3598 AC 5 MWF 830-930 MEB 238 TTh 1050-1150 SMS 125 3599 AD 5 MWF 830-930 MEB 238 TTh 1200-100 DEN 205 STAT 311 ELEMNTS STAT METHOD (NW,OSR) 3601 AA 5 MWF 830-930 SHI 205 TTh 830-930 SIG 231 OFFERED JOINTLY WITH ECON 311 AA 3602 AB 5 MWF 830-930 SMI 205 TTh 940-1040 SIG 231 OFFERED JOINTLY WITH ECON 311 AB STAT 390 PROB STAT ENG SCI (NW) 3603 AA 4 MTWTh 1050-1150 DEN 307 Th 1200-100 SMI 105 OFFERED JOINTLY WITH MATH 390 AA 3604 AB 4 MTWTh 1050-1150 DEN 307 Th 110-210 SMI 105 OFFERED JOINTLY WITH MATH 390 AB STAT 394 PROBABILITY I (NW) 3605 A 3 MWF 830-1040 SAV 343 TERM A

WOMEN STUDIES

WOMEN 205 GLOBAL PERSPC WOMEN (I&S) 3720 A 5 MTWTF 940-1150 SAV 335 SUNINDYO,S % TERM A ADD CODE REQUIRED (PD.3) STUDENTS WHO DO NOT ATTEND THE FIRST DAY AND WEEK OF CLASS MAY BE DROPPED. WOMEN 206 PHIL FEMINISM (I&S) 3721 A 5 MTWTF 1200-100 PAR 108 BROKES,A OFFERED JOINTLY WITH POL S 212 A WOMEN 257 PSYCH SEX DIFF (I&S) 3722 AA 5 MTWTh 1200-100 MOR 220 MACAULAY,J F 830-930 CHL 036 OFFERED JOINTLY WITH PSYCH 257 AA 3723 AB 5 MTWTh 1200-100 MOR 220 MACAULAY,J F 940-1040 MEB 242 OFFERED JOINTLY WITH PSYCH 257 AB 3724 AC 5 MTWTh 1200-100 MOR 220 MACAULAY,J F 1050-1150 LOW 217 OFFERED JOINTLY WITH PSYCH 257 AC 3725 AD 5 MTWTh 1200-100 MOR 220 MACAULAY,J F 1200-100 LOW 113 OFFERED JOINTLY WITH PSYCH 257 AD WOMEN 353 ANTH STUDY OF WOMEN (I&S) 3726 A 5 MTWTF 1050-100 DEN 209 JACOBS,S TERM A OFFERED JOINTLY WITH ANTH 353 A ADD CODE REQUIRED (PD.3) PREREQ: 200 & ANTH 202 OR PERM

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

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University of Washington

DEPT	COURSE	TITLE	BLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR

WOMEN STUDIES Continued

WOMEN 355 GENDER & MASCULINITY (I&S)
3727 A 5 MW 110-320 THO 119 CLATTERBAUGH

**WOMEN 357 - PREREQ: PSYCH 101, 102 OR 257 OR WOMEN 200 OR 257

WOMEN 357 PSYCHOBIOL OF WOMEN (NW)
3728 AA 5 TTh 1200-210 PAB A118
F 830-930 CHL 101
OFFERED JOINTLY WITH PSYCH 357 AA
3729 AB 5 TTh 1200-210 PAB A118
F 940-1040 THO 202
OFFERED JOINTLY WITH PSYCH 357 AB
3730 AC 5 TTh 1200-210 PAB A118
F 1050-1150 LOW 220
OFFERED JOINTLY WITH PSYCH 357 AC
3731 AD 5 TTh 1200-210 PAB A118
F 1200-100 LOW 222
OFFERED JOINTLY WITH PSYCH 357 AD

WOMEN 383 SOCL HST AMER WOMEN (I&S)
3732 A 5 MThWThF 830-1040 SMI 102 YEE, S
TERM B
OFFERED JOINTLY WITH HSTAA 373 A
MEETS WRITING COURSE REQUIREMENT
ADD CODE REQUIRED (PD.3)
PREREQ: 200 OR 283 OR HSTAA 201
OR PERM

WOMEN 415 GENDER EQUITY IN ED (I&S)
3733 A 3 MThWThF 940-1230 ARC 019 KOHL, J
TERM B
MEETS WRITING COURSE REQUIREMENT
NO FRESHMEN (PD.283)
SEXISM IN AMERICAN SCHOOLS
7/20 - 8/3; INTENSIVE 2 WEEK COURSE

WOMEN 456 FEM RACISM & ANTI-RAC (I&S)
>3734 A 5 MThWThF 110-320 THO 334 TWINE, F
TERM A
PREREQ: WOMEN 200 & WOMEN 322
STUDENTS WHO DO NOT ATTEND 1ST DAY
AND WEEK OF CLASS MAY BE DROPPED

WOMEN 497 FIELDWORK WOMEN ST
>3735 A 3-15 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. PDL B110C

WOMEN 499 UNDERGRAD RESEARCH
>3736 A 1-5 TO BE ARRANGED * *
INSTRUCTOR I.D. PDL B110C

ZOOLOGY

ENTRY CODES ARE AVAILABLE IN KIN 106

ZOOL 118 SURVEY OF PHYSIOL (NW)
3737 A 5 MThWThF 830-930 HCK 132 PETERSEN, K

**ZOOL 119 ALL LABS - STUDENTS NOT ATTENDING 1ST LAB MAY BE DROPPED

ZOOL 119 ELEM PHYSIOL LAB (NW)
3738 ZN 1 T 1050-100 HCK 346 PETERSEN, K
3739 ZD 1 Th 1050-100 HCK 346 PETERSEN, K
3740 ZP 1 T 110-310 HCK 346 PETERSEN, K

**ZOOL 451 ALL SECTIONS - STUDENTS NOT ATTENDING 1ST LAB MAY BE DROPPED

ZOOL 451 VERTEBRATE ZOOLOGY (NW)
3742 AA 5 MWF 1050-1150 HCK 316 O'REILLY, K
MM 110-430 HCK 447
MEETS WRITING COURSE REQUIREMENT
PLUS 2 WEEKEND FIELD TRIPS;
NOT OPEN TO THOSE WHO HAVE TAKEN
ZOOL 362
3743 AB 5 MWF 1050-1150 HCK 316 O'REILLY, K
TTh 110-430 HCK 447
MEETS WRITING COURSE REQUIREMENT
PLUS 2 WEEKEND FIELD TRIPS;
NOT OPEN TO THOSE WHO HAVE TAKEN
ZOOL 362

ZOOL 498 SPEC PROB IN ZOOL
>3744 A 1-5 TO BE ARRANGED * *
INSTR I.D. KIN 106 OR CALL 685-8241

ZOOL 600 INDEPNONT STDY/RSCH
>3748 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. KIN 106 OR CALL 685-8240

ZOOL 700 MASTERS THESIS
>3750 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. KIN 106 OR CALL 685-8240

ZOOL 800 DOCTORAL DISSERTATN
>3752 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. KIN 106 OR 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 SUMNER QTR.

OVERLOADS ARE ALSO AVAILABLE FOR ACCOUNTING MJRS CLOSED OUT OF ACCOUNTING 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 ACCTG
1003 A 3 MW 830-1000 THO 202
NO FRESHMEN
1004 B 3 MW 1050-1220 DEN 305
NO FRESHMEN
1005 U 3 MW 530-650P BLM 213
NO FRESHMEN

ACCTG 220 FUND FIN ACCTG
1006 A 3 TTh 800-930 SMI 404
1007 B 3 TTh 1050-1220 BLM 414
1008 U 3 TTh 530-650P BLM 202

ACCTG 230 FUND MGRAL ACCTG
1009 A 3 TTh 800-930 SAV 125
1010 B 3 TTh 1050-1220 BLM 416
1011 U 3 MW 530-650P BLM 313

ACCTG 301 INTERMED ACCTG I
1012 A 3 MW 940-1110 RAI 121
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 302 INTERMED ACCTG II
1013 A 3 MW 800-930 BLM 304
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 303 INTERMED ACCTG III
1014 A 3 TTh 730-900 BLM 312
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 311 COST ACCOUNTING
1015 A 3 MW 940-1110 GUG 317
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 330 ACCTG INFO SYSTEMS
1016 A 3 TTh 940-1110 BLM 312
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 371 AUD OR INDS INTRSHIP
1017 A 2 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 411 AUDIT STANDRDS PRIN
1018 A 3 MW 1200-130 BLM 212
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 421 TAX EFF OF BUS DECS
1019 A 3 TTh 940-1110 GUG 317
NO FRESHMEN
ACCTG MAJORS ONLY

1020 B 3 TTh 110-240 BLM 312
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 450 BUSINESS TAXATION
1021 A 3 MW 800-930 BLM 312
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 451 INDIV INC TAXATION
1022 A 3 MW 940-1110 BLM 312
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 485 ADV FIN ACCTG
1023 A 3 TTh 140-310 SAV 125
NO FRESHMEN
ACCTG MAJORS ONLY

ACCTG 499 UNDERGRAD RESEARCH
>1024 A 1-6 TO BE ARRANGED * *
NO FRESHMEN
ONLY MAJORS FROM B A COLLEGE
ACCTG MAJORS ONLY
INSTRUCTOR I.D. FROM INSTRUCTOR

ACCTG 531 TAX-TIMING-PERIODS
1025 A 3 MW 1130-1250 BLM 314
ACCTG MAJORS ONLY
GRADS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)
CRAD BA, OTHERS BY PERM;
EC PER III

ACCTG 550 COMS IN PROF ACCTG
1026 A 4 TO BE ARRANGED * *
GRADS ONLY (PD.1&2)
B A, ACCTG MAJORS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)
OTHERS BY PERMISSION

ACCTG 557 TAX CON PLA AND RES
1027 A 4 MW 730-920 BLM 204
GRADS ONLY (PD.1&2)
ACCTG MAJORS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)
CRAD BA, OTHERS BY PERM
EC PER III

ACCTG 579 SPEC TOPICS ACCTG
1028 A 4 TTh 1200-120 BLM 204
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
OTHERS BY PERM
1029 B 4 TTh 730-850 BLM 306
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
ADD CODE REQUIRED (PD.3)
OTHERS BY PERM

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	BLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SPEC	CODE	COMMENTS									SPEC	CODE	COMMENTS									SPEC	CODE	COMMENTS								

ACCOUNTING Continued

ACCTG 600 INDEPNNT STDY/RSCH
>1030 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

BUSINESS ADMINISTRATION, DEPT. OF

BUSINESS ADMINISTRATION

B A 371 CO-OP IN BUSINESS
>1184 A 2 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
B A MAJORS ONLY
INSTRUCTOR I.D. FROM INSTRUCTOR
DOES NOT APPLY TO BA DEGREE

B A 800 DOCTORAL DISSERTATN
>1185 A 1-9 TO BE ARRANGED * *

BUSINESS COMMUNICATION

B CKU 301 BASIC WRITTN BUS CKU
1186 A 4 MW 110-320 DEN 310 COETHALS, C
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)
1187 B 4 TTh 940-1150 BLM 204 WHELAN, J
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)
1188 C 4 TTh 110-320 THO 231 WHELAN, J
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

BUSINESS ECONOMICS

B ECON 300 MANAGERIAL ECON
1193 A 3 TTh 800-930 BLM 304
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE
1194 B 3 MW 1200-130 BLM 204
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE
B ECON 420 FINANCIAL MARKETS
1195 A 4 TTh 940-1150 BLM 212
NO FRESHMEN, SOPHMRS
B A MAJORS ONLY (PD.1)
ONLY MAJORS FROM B A COLLEGE (PD.2&3)
B ECON 427 INTERNATIONAL FIN
1196 A 4 MW 1200-210 BLM 312 GLASSMAN, D
NO FRESHMEN, SOPHMRS
B A MAJORS ONLY (PD.1)
ONLY MAJORS FROM B A COLLEGE (PD.2&3)
B ECON 499 UNDERGRAD RESEARCH
>1197 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR
B ECON 600 INDEPNNT STDY/RSCH
>1198 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

BUSINESS POLICY

B POL 470 BUSINESS POLICY
1199 A 4 TTh 720-930 DEN 317
NO FRESHMEN, SOPHMRS, JUNIORS
ONLY MAJORS FROM B A COLLEGE
1200 B 4 TTh 940-1150 BLM 304
NO FRESHMEN, SOPHMRS, JUNIORS
ONLY MAJORS FROM B A COLLEGE
B POL 471 SMALL BUSINESS MGMT
1201 A 4 MW 940-1150 BLM 204
NO FRESHMEN, SOPHMRS, JUNIORS
ONLY MAJORS FROM B A COLLEGE

1202 B 4 TTh 940-1150 SMS 030
NO FRESHMEN, SOPHMRS, JUNIORS
ONLY MAJORS FROM B A COLLEGE

B POL 480 BUSINESS SIMULATION
1203 A 5 MW 830-1030 ARC 102
NO FRESHMEN, SOPHMRS, JUNIORS
ONLY MAJORS FROM B A COLLEGE

B POL 499 UNDERGRAD RESEARCH
>1204 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

FINANCE

FIN 350 BUSINESS FINANCE
2023 A 4 MW 940-1150 BLM 304
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE
2024 U 4 TTh 700-850P BLM 202
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

FIN 453 FINANCL THRY&ANLYS
2025 A 4 MW 940-1150 BLM 212
NO FRESHMEN, SOPHMRS
B A MAJORS ONLY (PD.1)
ONLY MAJORS FROM B A COLLEGE (PD.2&3)

FIN 460 INVESTMENTS
2026 A 4 TTh 1200-210 BLM 206
NO FRESHMEN, SOPHMRS
B A MAJORS ONLY (PD.1)
ONLY MAJORS FROM B A COLLEGE (PD.2&3)
2027 B 4 TTh 940-1150 THO 101
NO FRESHMEN, SOPHMRS
B A MAJORS ONLY (PD.1)
ONLY MAJORS FROM B A COLLEGE (PD.2&3)

FIN 499 UNDERGRAD RESEARCH
>2028 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

FIN 560 INVESTMENTS
2029 A 4 TTh 220-430 BLM 206
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
ADD CODE REQUIRED (PD.3)
EC MKZ 110; OTHERS BY PERM

FIN 600 INDEPNNT STDY/RSCH
>2030 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

HUMAN RESOURCE MANAGE & ORGANIZ BEHAVIOR

HRMOB 301 PERS SYS & IND REL
2148 A 3 MW 940-1110 BLM 314
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

HRMOB 400 MGT OF ORG BEH
2149 A 4 MW 720-930 DEN 317
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE
2150 B 4 MW 110-310 AND 223
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

HRMOB 410 STAFFING
2151 A 4 MW 1200-210 BLM 206
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

HRMOB 460 NEGOTIATIONS
2152 A 4 TTh 940-1150 PAR 305

HRMOB 499 UNDERGRAD RESEARCH
>2153 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

HRMOB 515 PERF APPRSL & COMP
2154 A 4 TTh 1200-210 BLM 212 HUBER, V
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
ADD CODE REQUIRED (PD.3)

HRMOB 520 COLLECT BARG
2155 A 4 TTh 940-1150 BLM 306
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
ADD CODE REQUIRED (PD.3)
EC MKZ 110; OTHERS BY PERM

HRMOB 550 LEADERSHIP
2156 A 4 MW 1200-210 BLM 306 WOODNORTH, R
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
ADD CODE REQUIRED (PD.3)
EC MKZ 110; OTHERS BY PERM

HRMOB 560 NEGOTIATIONS
2157 A 4 TTh 110-310 THO 217
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
ADD CODE REQUIRED (PD.3)
EC MKZ 110; OTHERS BY PERM

INFORMATION SYSTEMS

I S 300 MGMT INFO SYSTEMS
2206 AA 4 TTh 940-1120 BLM 314
F 940-1150 BLM 402
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE
ADD CODE REQUIRED (PD.3)
2207 BA 4 MW 830-1010 SAV 209
Th 830-1040 BLM 402
ONLY MAJORS FROM B A COLLEGE
ADD CODE REQUIRED (PD.3)
2208 CA 4 TTh 110-320 BLM 306
F 110-320 BLM 402
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

I S 320 DATA STR & FILE SYS
2209 A 4 MW 940-1150 BLM 414
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

I S 422 APPL PRGM FOR I S
2210 A 4 MW 110-320 BLM 314
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

I S 460 SYS ANLYS & DESGN I
2211 A 4 TTh 110-320 BLM 414
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

I S 461 SYS ANLYS& DESGN II
>2212 A 4 MW 940-1150 BLM 408
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

I S 470 BUSINESS DATA COMM
2213 A 4 TTh 940-1150 BLM 408
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

I S 495 PRACTICAL EXPERIENCE
2214 A 1-4 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)

I S 499 UNDERGRAD RESEARCH
>2215 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

I S 600 INDEPNNT STDY/RSCH
>2216 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110
INDEPENDENT RESEARCH

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
I&S = Individuals and societies
NW = Natural world
QSR = Quantitative, symbolic or formal reasoning
C = English composition

H = Honors course
> Limited enrollment in this section. Students must obtain entry code or faculty number.
% New course

PD1 = Period I (May 1-26)
PD2 = Period II (May 30-June 18)
PD3 = Period III (June 19-30)
PD4 = Period IV (July 3-Aug. 6)

DEPT	COURSE	TITLE	BLM SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SPEC CODE		COMMENTS							

DEPT	COURSE	TITLE	BLM SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SPEC CODE		COMMENTS							

DEPT	COURSE	TITLE	BLM SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SPEC CODE		COMMENTS							

INTERNATIONAL BUSINESS

I BUS 300 INTL ENVRT BUSNS
2199 AA 5 MW 940-1150 THO 101 SULLIVAN,J
F 940-1040 BLM 304 PARK,S
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A
COLLEGE (PD.1&2)

I BUS 330 DEVELOPING NATIONS
>2200 A 4 MW 110-320 SMI 115 WILSON,T
NO FRESHMEN, SOPHMRS
ADD CODE REQUIRED (PD.1&2)

I BUS 440 BUSINESS IN JAPAN
2201 A 4 MW 110-320 BLM 414 SULLIVAN,J
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

I BUS 470 MGT INTL TRADE OPNS
2202 A 4 TTh 940-1150 SWS 032 RALSTON,J
NO FRESHMEN, SOPHMRS, JUNIORS
SIS, B A, ACCTG MAJORS ONLY (PD.1)
ADD CODE REQUIRED (PD.3)

I BUS 499 UNDERGRAD RESEARCH
>2203 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

I BUS 550 FIELD STDY INTL BUS
2204 A 4 TTh 110-320 SMI 115 RALSTON,J
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
ADD CODE REQUIRED (PD.3)
NO FRESHMEN, SOPHMRS, JUNIORS (PD.3)

I BUS 600 INDEPNNT STDY/RSCH
>2205 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

MARKETING

MKTG 301 MARKETING CONCEPTS
2552 A 4 MW 940-1150 BLM 206 BRUNEL,F
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A
COLLEGE (PD.1&2)
ADD CODE REQUIRED (PD.3)

2553 B 4 TTh 1200-210 BLM 314 BRUNEL,F
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A
COLLEGE (PD.1&2)
ADD CODE REQUIRED (PD.3)

MKTG 335 PRIN OF SELLING
2554 A 4 TTh 940-1150 MLR 316 MILLER,C
% NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

2555 U 4 TTh 530-720P BLM 302 MILLER,C
% NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

MKTG 340 ADVERTISING
2556 A 4 TTh 110-320 CMU 8006 SEVERN,J
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

2557 B 4 MW 110-320 SMI 309 STEARNS,E
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

MKTG 450 CONSUMER BEHAVIOR
2558 A 4 MW 1200-210 BLM 304 YALCH,R
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE (PD.1)
ADD CODE REQUIRED (PD.3)

MKTG 499 UNDERGRAD RESEARCH
>2559 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

MKTG 579 SPEC TOPICS IN MKTG
2560 A 4 TTh 1050-100 LOW 113 ERICKSON,C
OFFERED JOINTLY WITH IND E 599 A
GRADS ONLY
NO FRESHMEN, SOPHMRS, JUNIORS
ACCTG, BUS AD MAJORS ONLY
ADD CODE REQUIRED (PD.3)

MKTG 600 INDEPNNT STDY/RSCH
>2561 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

OPERATIONS MANAGEMENT

OPMGT 301 PRIN OPER MGT
2785 A 4 MW 940-1150 BLM 416
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

2786 B 4 MW 110-320 SMI 405
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

OPMGT 499 UNDERGRAD RESEARCH
>2787 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

OPMGT 600 INDEPNNT STDY/RSCH
>2788 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

ORGANIZATION & ENVIRONMENT

O E 200 INTRODUCTION TO LAW
2719 A 5 MTWTF 1050-1150 * *
OFFERED JOINTLY WITH LAW 300 A
NO FRESHMEN
FULL TERM 5 CREDIT COURSE

O E 302 ORG & ENVIRONMENT
2720 A 4 MW 940-1150 SMI 120
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

2721 B 4 TTh 220-420 DEN 317
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

2722 C 4 MW 220-420 DEN 205
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

O E 403 COMMERCIAL LAW
2723 A 5 MWF 1200-130 SWS 8014
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A
COLLEGE (PD.1&2)

2724 B 5 MWF 1001-1130 SWS 030

O E 440 ORG STRUCTURE
2725 A 3 TTh 800-930 BLM 206
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

2726 B 3 TTh 1200-130 SAV 127
NO FRESHMEN, SOPHMRS
ONLY MAJORS FROM B A COLLEGE

2727 C 3 TTh 1130-100 BLM 312

O E 499 UNDERGRAD RESEARCH
>2728 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

QUANTITATIVE METHODS

QMETH 201 STATISTICAL ANLYS (NW, OSR)
3321 AA 4 MW 940-1040 CLK 120
TTh 940-1040 BLM 206
NO FRESHMEN

3322 BA 4 MW 1050-1150 SAV 209
TTh 1050-1150 BLM 206
NO FRESHMEN

QMETH 499 UNDERGRAD RESEARCH
>3323 A 1-6 TO BE ARRANGED * *
ONLY MAJORS FROM B A COLLEGE
INSTRUCTOR I.D. FROM INSTRUCTOR

QMETH 520 STAT APPL LIN MOD
3324 A 4 MW 940-1150 BLM 306 TAMURA,H
GRADS ONLY
BUS AD, ACCTG MAJORS ONLY
ADD CODE REQUIRED (PD.3)
EC MKZ 110; OTHERS BY PERM

QMETH 600 INDEPNNT STDY/RSCH
>3325 A 1-9 TO BE ARRANGED * *
GRADS ONLY
ACCTG, BUS AD MAJORS ONLY
INSTRUCTOR I.D. MKZ 110

SCHOOL OF DENTISTRY

DENTISTRY

DENTAL HYGIENE

D HYG 404 FIELD EXP ORAL HLTH
>1503 A 2 TO BE ARRANGED * * CHIN,M
DROP CODE REQUIRED
NO FRESHMEN, SOPHMRS, JUNIORS
EC/DC HSD D583; REFUGEE/SR; LIMIT
1 STUDENT/SESSION (8:00-12:00 OR
1:00-5:00; PERM OF INSTR

>1504 B 2 TO BE ARRANGED * * JEFFCOOT,E
DROP CODE REQUIRED
EC/DC HSD D583
HEALTH DEPT; PERM OF INSTR

>1505 C 2 M 800-1200 * * SPADAFORA,A
DROP CODE REQUIRED
EC/DC HSD D583 OR CALL 543-5820
FOSS HOME; PERM OF INSTR

>1506 D 2 TO BE ARRANGED * * KAY,M
WELLS,N
DROP CODE REQUIRED
EC/DC HSD D583
HARBORVIEW; LIMIT 1 STUDENT/SESSION

D HYG 497 DIR STDY OH PROFS
>1507 A VAR TO BE ARRANGED * * WELLS,N
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED
EC/DC HSD D583 OR CALL 543-5820
PERM OF INSTR

>1508 B VAR TO BE ARRANGED * * CAMERON,C
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED
EC/DC HSD D583 OR CALL 543-5820
PERM OF INSTR

>1509 C VAR TO BE ARRANGED * * FALES,M
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 * * WELLS,N
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 * * FALES,M
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
>1606 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

DPHS 550P P-DIR STDYS DPHS
>1607 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

>1608 B VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PERSONAL COMPUTING APPLICATIONS
7/5 -8/11

Summer Quarter Time Schedule

DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG ROOM	INSTRUCTOR	DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG ROOM	INSTRUCTOR	DEPT SLN SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG ROOM	INSTRUCTOR	
DENTAL PUBLIC HEALTH SCIENCES																					
Continued																					
>1609	C VAR	TO BE ARRANGED CREDIT/NO CREDIT ONLY CLERKSHIP HEALTH POLICY																			
1610	D VAR	MMF 1230-130 CREDIT/NO CREDIT ONLY BEHAVIORAL DENTAL RESEARCH 7/3 - 8/11			HST T474A	WEINSTEIN, P															
>1611	E VAR	TO BE ARRANGED CREDIT/NO CREDIT ONLY ORAL MOTOR BEHAVIOR																			
1612	F 1-4	MMF 800-930 CREDIT/NO CREDIT ONLY BIOSTATISTICS; 7/3 - 8/11			HST T359	DE ROUEN, T															
>1613	R 6	TO BE ARRANGED CREDIT/NO CREDIT ONLY DIRECTED RESEARCH IN PUBLIC HEALTH DENTISTRY; (SURF PROGRAM)																			
DPHS 569 CLN EPI & STDY DSGN																					
1614	A 3	TTh 800-920 CREDIT/NO CREDIT ONLY EPIDEMIOLOGY; 7/6 - 8/10			HST T359	DE ROUEN, T															
DPHS 640P P-I:FEARFUL PHOBIC																					
1615	A 1	M 930-1230 CREDIT/NO CREDIT ONLY				GETZ, T MILGROM, P															
1616	B 1	M 130-430 CREDIT/NO CREDIT ONLY																			
1617	C 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1618	D 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1619	E 1	W 930-1230 CREDIT/NO CREDIT ONLY																			
1620	F 1	W 130-430 CREDIT/NO CREDIT ONLY																			
1621	G 1	Th 930-1230 CREDIT/NO CREDIT ONLY																			
1622	H 1	Th 130-430 CREDIT/NO CREDIT ONLY																			
1623	I 1	F 930-1230 CREDIT/NO CREDIT ONLY																			
1624	J 1	F 130-430 CREDIT/NO CREDIT ONLY																			
DPHS 660 DENTAL FEAR CLINIC																					
>1625	A 2	TO BE ARRANGED CREDIT/NO CREDIT ONLY																			
DENTISTRY																					
ENTRY CODES ARE AVAILABLE IN HSD D323																					
DENT 520P	P-CLIN PRACT MGMT 1																				
1523	A 1	M 130-220 CREDIT/NO CREDIT ONLY				CHASTEEN, J															
DENT 540	DENTAL IMPLANTS																				
1524	A 2	M 730-920 % CREDIT/NO CREDIT ONLY																			
DENT 550P	P-SPEC STUDIES DENT																				
>1525	A VAR	TO BE ARRANGED CREDIT/NO CREDIT ONLY																			
>1526	R 6	TO BE ARRANGED CREDIT/NO CREDIT ONLY DIRECTED RESEARCH IN DENTISTRY (SURF PROGRAM)																			
>1527	S 1	TO BE ARRANGED CREDIT/NO CREDIT ONLY RESEARCH METHODS SEMINAR																			
DENT 554P	P-CLIN PRACT MGMT 2																				
1528	A 1	F 130-430 CREDIT/NO CREDIT ONLY				CHASTEEN, J															
DENT 561	FORENSIC ODONT																				
>1529	A 1	TO BE ARRANGED CREDIT/NO CREDIT ONLY																			
DENT 565	DENTAL PHOTOGRAPHY																				
1530	A 2	TO BE ARRANGED CREDIT/NO CREDIT ONLY				CLARK, J															
DENT 640P	P-GERIATR EXTRAKULR																				
1531	A 2	Th 930-1230 CREDIT/NO CREDIT ONLY																			
1532	B 2	Th 130-430 CREDIT/NO CREDIT ONLY																			
DENT 645P	P-HOSP ROTATION																				
1533	A 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1534	B 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1535	C 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1536	D 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1537	E 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1538	F 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1539	G 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
1540	H 2	Sat. 800-500 CREDIT/NO CREDIT ONLY																			
DENT 657 CLINIC																					
1541	A 1	T 930-1230 % CREDIT/NO CREDIT ONLY																			
1542	B 1	T 130-430 % CREDIT/NO CREDIT ONLY																			
DENT 659 CLINIC																					
1543	AA 1	M 930-1230 CREDIT/NO CREDIT ONLY				HARRINGTON STEINER, J															
1544	AB 1	M 930-1230 CREDIT/NO CREDIT ONLY																			
1545	AC 1	M 930-1230 CREDIT/NO CREDIT ONLY																			
1546	AD 1	M 930-1230 CREDIT/NO CREDIT ONLY																			
1547	AE 1	M 930-1230 CREDIT/NO CREDIT ONLY																			
1548	AF 1	M 930-1230 CREDIT/NO CREDIT ONLY																			
1549	BA 1	M 130-430 CREDIT/NO CREDIT ONLY				NATKIN, E															
1550	BB 1	M 130-430 CREDIT/NO CREDIT ONLY																			
1551	BC 1	M 130-430 CREDIT/NO CREDIT ONLY																			
1552	BD 1	M 130-430 CREDIT/NO CREDIT ONLY			HST T663																
1553	BE 1	M 130-430 CREDIT/NO CREDIT ONLY				FRANK, R															
1554	CA 1	T 930-1230 CREDIT/NO CREDIT ONLY				HARRINGTON PITTS, D															
1555	CB 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1556	CC 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1557	CD 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1558	CE 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1559	CF 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1560	CG 1	T 930-1230 CREDIT/NO CREDIT ONLY																			
1561	DA 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1562	DB 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1563	DC 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1564	DD 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1565	DE 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1566	DF 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1567	DG 1	T 130-430 CREDIT/NO CREDIT ONLY																			
1568	EA 1	W 930-1230 CREDIT/NO CREDIT ONLY				PITTS, D															
1569	EB 1	W 930-1230 CREDIT/NO CREDIT ONLY																			
1570	EC 1	W 930-1230 CREDIT/NO CREDIT ONLY				FRANK, R															
1571	ED 1	W 930-1230 CREDIT/NO CREDIT ONLY																			
1572	EF 1	W 930-1230 CREDIT/NO CREDIT ONLY																			
1573	EG 1	W 930-1230 CREDIT/NO CREDIT ONLY																			
1574	EH 1	W 930-1230 CREDIT/NO CREDIT ONLY																			
1575	FA 1	W 130-430 CREDIT/NO CREDIT ONLY																			
1576	FB 1	W 130-430 CREDIT/NO CREDIT ONLY																			
1577	FC 1	W 130-430 CREDIT/NO CREDIT ONLY																			
1578	FD 1	W 130-430 CREDIT/NO CREDIT ONLY																			

DEPT SLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT SLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT SLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY	TIME	BLDG	ROOM	INSTRUCTOR
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ORAL SURGERY Continued

O S 651P P-HARBORVIEW ROTAT
2742 A 10 TO BE ARRANGED * *
H CREDIT/NO CREDIT ONLY
HARBORVIEW

O S 652P P-TEXAS ROTATION
2743 B 10 TO BE ARRANGED * * WORTHINGTON
H CREDIT/NO CREDIT ONLY
SMITH HOSP TEXAS

PEDODONTICS

ENTRY CODES ARE AVAILABLE IN HSD D323

PEDO 520P P-PEDIATRIC DENT
2989 AA 4 Th 900-1050 HSD D209 * *
Th 1100-1250 * *
F 1000-1230 * *
2990 AB 4 Th 900-1050 HSD D209 * *
Th 1100-1250 * *
F 1000-1230 * *
2991 AC 4 Th 900-1050 HSD D209 * *
Th 1100-1250 * *
F 1000-1230 * *
2992 AD 4 Th 900-1050 HSD D209 * *
Th 1100-1250 * *
F 1000-1230 * *
2993 AE 4 Th 900-1050 HSD D209 * *
Th 1100-1250 * *
F 1000-1230 * *

PEDO 550P P-DIR STDYS PEDO
>2994 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
>2995 R 6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
DIRECTED RESEARCH IN PEDIATRIC
DENTISTRY; (SURF PROGRAM)

PEDO 560 INTRO PED DENT
2996 A 1 TO BE ARRANGED * * DAVIS, J
X

PEDO 630P P-CLINICAL PEDO
2997 A 1 M 930-1230 * * PETERSON, D
2998 B 1 M 130-430 * *
2999 C 1 T 930-1230 * *
3000 D 1 T 130-430 * *
3001 E 1 W 930-1230 * *
3002 F 1 W 130-430 * *
3003 G 1 Th 930-1230 * *
3004 H 1 Th 130-430 * *
3005 I 1 F 930-1230 * *
3006 J 1 F 130-430 * *

PEDO 650P P-PEDO EXTRAMURALS
3007 A 2 TO BE ARRANGED * * DOMOTO, P
CREDIT/NO CREDIT ONLY KODAY, M
YAKIMA VALLEY FARM WORKERS CLINIC

PEDO 660 CLIN PED DENT
3008 A 5 TO BE ARRANGED * *
X

ENDODONTICS

ENTRY CODES ARE AVAILABLE IN HSD D323

ENDO 550P P-DIR STDYS ENDO
>1784 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
>1785 R 6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
DIRECTED RESEARCH IN ENDODONTICS
(SURF PROGRAM)

ENDO 583 ENDODONTIC SEMINAR
1786 A 2 TO BE ARRANGED * * PITTS, D

ENDO 587 ENDODONTIC SEMINAR
1787 A 2 TO BE ARRANGED * *

ENDO 590 TREATMNT PLANN SMNR
1788 A 2 TO BE ARRANGED * * HARRINGTON
NATKIN, E
PITTS, D
STEINER, J

ENDO 593 CLIN PRACTICE TEACH
>1789 A 1 TO BE ARRANGED * *

ENDO 600 INDEPNMT STDY/RSCH
>1790 A 1-9 TO BE ARRANGED * *

ENDO 660 CLINICAL ENDODONTICS
>1791 A 4 TO BE ARRANGED * *

ORAL BIOLOGY

ENTRY CODES ARE AVAILABLE IN HSD D323

ORALB 449 UNDERGRAD RESEARCH
>2789 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ORALB 550P P-DIR STDYS ORALB
>2790 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
>2791 B 2 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
ADVANCED ORAL PATHOLOGY
>2792 R 6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
DIRECTED RESEARCH IN ORAL BIOLOGY
(SURF PROGRAM)

ORALB 565 CLIN ORAL PATHOLOGY
2793 A 1-3 TO BE ARRANGED * * ODA, D
MORTON, T

ORALB 566 SURG ORAL PATHOLOGY
2794 A 2-4 TO BE ARRANGED * * MORTON, T
ODA, D

ORALB 570 SEMINAR ORAL PATH
2795 A 1-3 TO BE ARRANGED * * MORTON, T
ODA, D

ORALB 578 RESEARCH TECHNIQUES
>2796 A 2-4 TO BE ARRANGED * *

ORALB 600 INDEPNMT STDY/RSCH
>2797 A VAR TO BE ARRANGED * *

ORALB 700 MASTERS THESIS
>2798 A VAR TO BE ARRANGED * *

ORALB 800 DOCTORAL DISSERTATN
>2799 A VAR TO BE ARRANGED * *

ORAL MEDICINE

ENTRY CODES ARE AVAILABLE IN HSD D323

ORALM 404 DECOD AUX DIDACTIC
2800 A VAR TO BE ARRANGED * * MARTIN, M
BY PERM ONLY

ORALM 449 DIR STDY OOTP
>2801 A VAR TO BE ARRANGED * * MARTIN, M
CREDIT/NO CREDIT ONLY

ORALM 460 DECOD AUX CLINIC
2802 A VAR TO BE ARRANGED * * MARTIN, M
CHIN, M
PREREQ: 404, BY PERM ONLY

ORALM 520P P-ORAL RADIOLOGY
2803 AA 2 Th 800-850 HST T739 HOLLENDER, L
MT 700-850 * * HOLLENDER, L
2804 AB 2 Th 800-850 HST T739 HOLLENDER, L
MT 700-850 * * HOLLENDER, L

ORALM 528 CASE PLANNING
2805 AA 2 F 800-950 HST T739
X
2806 AB 2 F 800-950 HST T739
X
2807 AC 2 F 800-950 HST T739
X
2808 AD 2 F 800-950 HST T739
X

ORALM 529 PHYSICAL DIAGNOSIS
2809 A 1 TO BE ARRANGED * *
X
2810 AA 1 TO BE ARRANGED * *
X
2811 AB 1 TO BE ARRANGED * *
X
2812 AC 1 TO BE ARRANGED * *
X
2813 AD 1 TO BE ARRANGED * *
X

ORALM 530 GRWTH/DVLP DISABLED
2814 AA 3 W 900-1150 HST T739
X
2815 AB 3 W 900-1150 HST T739
X
2816 AC 3 W 900-1150 HST T739
X
2817 AD 3 W 900-1150 HST T739
X

ORALM 550P P-DIR STDYS IN O D
>2818 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
>2819 R 6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
DIRECTED RESEARCH IN ORAL MEDICINE
(SURF PROGRAM)

ORALM 564 ADV DECOD DIDACTIC
2820 A VAR TO BE ARRANGED * * MARTIN, M
DECOD I, PERM OF INSTR

ORALM 565 ORAL M CLIN CONF
2821 A VAR W 730-820 * * SOMMERS, E

ORALM 576 ORAL MED LIT REVIEW
2822 A 1 W 830-920 * * TRUELOVE, E

ORALM 580 CONCEPTS ORAL RAD
2823 A 2 W 1000-1120 * * HOLLENDER, L
CREDIT/NO CREDIT ONLY

ORALM 584 DECOD FIELD PRACT
2824 A VAR TO BE ARRANGED * * STIEFEL, D
DECOD III, PREREQ: 404 OR 564 OR
PERM OF INSTR

ORALM 600 INDEPNMT STDY/RSCH
>2825 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

ORALM 630P P-OTDP CLINIC
2826 AA 1 M 930-1230 * * PERSSON, R
CREDIT/NO CREDIT ONLY
2827 AB 1 M 930-1230 * *
CREDIT/NO CREDIT ONLY
2828 BA 1 M 130-430 * *
CREDIT/NO CREDIT ONLY
2829 BB 1 M 130-430 * *
CREDIT/NO CREDIT ONLY
2830 CA 1 T 930-1230 * *
CREDIT/NO CREDIT ONLY
2831 CB 1 T 930-1230 * *
CREDIT/NO CREDIT ONLY
2832 DA 1 T 130-430 * *
CREDIT/NO CREDIT ONLY
2833 DB 1 T 130-430 * *
CREDIT/NO CREDIT ONLY
2834 EA 1 W 930-1230 * *
CREDIT/NO CREDIT ONLY
2835 EB 1 W 930-1230 * *
CREDIT/NO CREDIT ONLY
2836 FA 1 W 130-430 * *
CREDIT/NO CREDIT ONLY
2837 FB 1 W 130-430 * *
CREDIT/NO CREDIT ONLY
2838 GA 1 Th 930-1230 * *
CREDIT/NO CREDIT ONLY
2839 GB 1 Th 930-1230 * *
CREDIT/NO CREDIT ONLY
2840 HA 1 Th 130-430 * *
CREDIT/NO CREDIT ONLY
2841 HB 1 Th 130-430 * *
CREDIT/NO CREDIT ONLY
2842 IA 1 F 930-1230 * *
CREDIT/NO CREDIT ONLY

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	SLM SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	SLM SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
ORAL MEDICINE Continued										ORTHODONTICS									
<p>2843 IB 1 F 930-1230 * * PERSSON,R CREDIT/NO CREDIT ONLY</p> <p>2844 JA 1 F 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>2845 JB 1 F 130-430 * * PERSSON,R CREDIT/NO CREDIT ONLY</p> <p>ORALM 650P P-ORALM CLIN ELECT 2846 A 3 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>CLINICAL ORAL MEDICINE CONFERENCE 2847 B 1 W 730-820 * * CREDIT/NO CREDIT ONLY</p> <p>2848 C 1-6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>DENT CARE FOR HOMELESS 2849 D 1 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>CEREBRAL PALSY, PERM OF INSTR 2850 E 3 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>CLINICAL ORAL MEDICINE 2851 F 3 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>CLINICAL ORAL MEDICINE CONFERENCE 2852 G 3 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>CURRENT LITERATURE SEMINAR</p> <p>ORALM 660 ROTAT IN MED DISCIP 2853 A 1-4 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>ORALM 663 INTRO ED METH DENT 2854 A 2 TO BE ARRANGED * * TERM B</p> <p>ORALM 664 ADV DECOD CLINICAL 2855 A VAR TO BE ARRANGED * * DECOD II, PREREQ: 564 OR PERM OF INSTR</p> <p>ORALM 665 ORAL M CLINIC 2856 A VAR TO BE ARRANGED * * TRUELOVE,E</p> <p>ORALM 670 CLIN ORALM TEACH 2857 A 1-4 TO BE ARRANGED * * SOMMERS,E</p>										<p>ORTHODONTICS</p> <p>ENTRY CODES ARE AVAILABLE IN HSD D323</p> <p>ORTHOD 449 DIR STDYS IN ORTHO >2858 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>ORTHOD 522P P-ADJUNCTIVE ORTHO 2859 AA 2 T 900-950 HST T739 RAMSAY,D T 1000-1250 * * 2860 AB 2 T 900-950 HST T739 RAMSAY,D T 1000-1250 * * 2861 AC 2 T 900-950 HST T739 RAMSAY,D T 1000-1250 * * 2862 AD 2 T 900-950 HST T739 RAMSAY,D T 1000-1250 * *</p> <p>ORTHOD 550P P-DIR STDYS ORTHO >2863 A 1-2 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>INDEPENDENT RESEARCH IN ORTHODONTICS.</p> <p>>2864 R 6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>DIRECTED RESEARCH IN ORTHODONTICS (SURF PROGRAM)</p> <p>ORTHOD 560 ORTHO SEMINAR 2865 A 1-5 MThF 800-930 * * SHAPIRO,P</p> <p>ORTHOD 562 ORTHO THEORY 2866 A 2 T 830-1000 * * LITTLE,R</p> <p>ORTHOD 570 ROENTGNGR CEPHLNTRY 2867 A 2 Th 100-300 * *</p>									
<p>ORTHOD 580 OROFACIAL BIOLOGY 2868 A VAR F 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>ORTHOD 582 ADULT ORTHO SEM 2869 A 2 W 130-230 * *</p> <p>ORTHOD 585 SURG ORTHO 2870 A 3 T 800-1200 * *</p> <p>ORTHOD 597 PRECLINIC TECHNIQUE 2871 A VAR M 130-330 * *</p> <p>ORTHOD 600 INDEPNENT STDY/RSCH >2872 A VAR TO BE ARRANGED * *</p> <p>ORTHOD 630P P-ORTHOD CLINIC 2873 A 1 M 930-1230 * * 2874 B 1 M 130-430 * * 2875 C 1 T 930-1230 * * 2876 D 1 T 130-430 * * 2877 E 1 W 930-1230 * * 2878 F 1 W 130-430 * * 2879 G 1 Th 930-1230 * * 2880 H 1 Th 130-430 * * 2881 I 1 F 930-1230 * * 2882 J 1 F 130-430 * *</p> <p>ORTHOD 660P P-CLINICAL ORTHO 2883 A 1-6 MThF 930-1200 * * SHAPIRO,P</p> <p>ORTHOD 682 ADULT ORTHO CLINIC 2884 A 1 W 230-430 * *</p>										<p>PERIODONTICS</p> <p>ENTRY CODES ARE AVAILABLE IN HSD D323</p> <p>PERIOD 449 DIR STDYS IN PERIO >3038 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>PERIOD 527P P-INTRO TO PERIO 3039 A 1 W 800-850 HST T739 WEINBERG,A</p> <p>PERIOD 550P P-DIR STDYS PERIO >3040 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>>3041 R 6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>DIRECTED RESEARCH IN PERIODONTICS (SURF PROGRAM)</p> <p>PERIOD 561 PERIODNTL CASE MNGT 3042 A 2 M 930-1120 HST T635 AMMONS,W</p> <p>PERIOD 577 REVIEW OF LIT 3043 A 2 M 130-330 HST T635 M 200-400 * *</p> <p>PERIOD 582 TREATMNT PLANN SHNR >3044 A 1 Th 800-850 HST T635 AMMONS,W CREDIT/NO CREDIT ONLY</p> <p>PERIOD 585 PERIO THERAPY SHNR 3045 A 1 T 800-850 HST T635 CREDIT/NO CREDIT ONLY</p> <p>PERIOD 592 PRESCRIPTION SURG 3046 A 1 TO BE ARRANGED * * AMMONS,W</p> <p>PERIOD 600 INDEPNENT STDY/RSCH >3047 A VAR TO BE ARRANGED * *</p> <p>PERIOD 620P P-INTRO CLIN PERIO 3048 A 1 Th 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>3049 B 1 Th 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>3050 C 1 Th 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>3051 D 1 Th 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>3052 E 1 Th 130-430 * * CREDIT/NO CREDIT ONLY</p> <p>PERIOD 660 CLIN PERIODONTICS 3053 A 2-6 TO BE ARRANGED * * X</p>									
<p>PERIOD 663 PRE-PROS CLIN PERIO 3054 A VAR TO BE ARRANGED * * YUODELIS,R CREDIT/NO CREDIT ONLY</p>										<p>PROSTHODONTICS</p> <p>ENTRY CODES ARE AVAILABLE IN HSD D323</p> <p>PROS 550P P-DIR STDYS PROS >3211 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>>3212 R 6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>DIRECTED RESEARCH IN PROSTHODONTICS (SURF PROGRAM)</p> <p>PROS 563 MAXILLO PROS I 3213 A 1 TO BE ARRANGED * * RUBENSTEIN</p> <p>PROS 574 PROS VISUAL AIDS 3214 A 1 TO BE ARRANGED * * BOLENDER,C</p> <p>PROS 630P P-CLINICAL PROS 3215 A 1 F 130-430 * * 3216 B 1 F 130-430 * * BRUDVIK,J 3217 C 1 F 130-430 * * 3218 D 1 F 130-430 * * 3219 E 1 F 130-430 * *</p> <p>PROS 660 CLINICAL PROS 3220 A 2 TO BE ARRANGED * * BRUDVIK,J</p>									
<p>RESTORATIVE DENTISTRY</p> <p>ENTRY CODES ARE AVAILABLE IN HSD D323</p> <p>RES D 449 DIR STDYS IN RES D >3384 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>RES D 523P P-INTRO OPER DENT 3385 AA 2 M 900-950 HST T739 POWELL,L M 1000-1150 * * POWELL,L 3386 AB 2 M 900-950 HST T739 POWELL,L M 1000-1150 * * POWELL,L 3387 AC 2 M 900-950 HST T739 POWELL,L M 1000-1150 * * POWELL,L 3388 AD 2 M 900-950 HST T739 POWELL,L M 1000-1150 * * POWELL,L 3389 AE 2 M 900-950 HST T739 POWELL,L M 1000-1150 * * POWELL,L 3390 AF 2 M 900-950 HST T739 POWELL,L M 1000-1150 * *</p> <p>RES D 531P P-RESTORATIVE DENT 3391 A 2 TO BE ARRANGED * *</p> <p>RES D 550P P-DIR STDYS IN RESO >3392 R 6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>DIRECTED RESEARCH IN RESTORATIVE DENTISTRY; (SURF PROGRAM)</p> <p>RES D 589 REV LIT OCCLUSION 3393 A 2 Th 100-500 HSD D751 TOWNSEND,J</p> <p>RES D 590 FIXED PROS 3394 A 2 TO BE ARRANGED * *</p> <p>RES D 600 INDEPNENT STDY/RSCH >3395 A VAR TO BE ARRANGED * *</p> <p>RES D 620P P-INTRO RESO CLINIC 3396 A 1 W 130-430 * * 3397 B 1 W 130-430 * * 3398 C 1 W 130-430 * * 3399 D 1 W 130-430 * *</p> <p>RES D 650 RES E CLIN ELECTIVE 3400 A 1-6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY</p> <p>RES D 659P P-RES D EXT LEARN 3401 A VAR TO BE ARRANGED * * BALES,D CREDIT/NO CREDIT ONLY</p> <p>RES D 660 ORAL REHABILITATION 3402 A 2-6 TO BE ARRANGED * * YUODELIS,R</p>																			

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 OSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > = Limited enrollment in this section. Students must obtain entry code or faculty number.
 % = New course

PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

University of Washington

DEPT	COURSE	TITLE	BLD	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLD	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLD	ROOM	INSTRUCTOR
SLN	SECTION	CRD	DAY	TIME	COMMENTS	SLN	SECTION	CRD	DAY	TIME	COMMENTS	SLN	SECTION	CRD	DAY	TIME	COMMENTS

COLLEGE OF EDUCATION

COLLEGE OF EDUCATION

EDUCATION LEADERSHIP AND POLICY STUDIES

EDLPS 496 WKSP ED PROG & PROB
1739 A 3 MW 900-1140 * * HUTCHINSON
TERM A

EDLPS 505 TRANS TO LEADERSHIP
>1741 A 3 MTWThF 800-500 MLR 320 SIROTNIK, K
TERM A
CREDIT/NO CREDIT ONLY
EC MLR M206 (543-1891)
JUNE 12-16

EDLPS 519 SPEC TOP ED LDRSH
1742 A 3 MTWThF 830-230 THO 325 OSTRANDER, K
TERM B
STRESS IN THE WORKPLACE
COURSE RUNS FROM 8/7-11

1743 B 3 MTWThF 830-1040 MLR 411 OSTRANDER, K
TERM B
RELIGIOUS RIGHT AND PUBLIC
EDUCATION
JULY 20-AUGUST 3

EDLPS 530 HIST OF ED THOUGHT
1744 A 3 MW 110-400 SAV 241 BEADIE, N
TERM A

EDLPS 549 SPEC TOP EDUC STDS
>1745 A 1-3 MTWTh 830-1040 MLR 411
TERM A
EC MLR 211; 5TH QTR ELEM TEP ONLY

EDLPS 579 SPEC TOP ORG & POL
1746 A 3 MTWThF 830-230 MLR 320 BAMBURG, J
TERM B
CREATING THE LEARNING COMMUNITY:
RETHINKING AMERICAN EDUCATION
8/7 - 8/11

1747 B 3 MW 830-1040 CMU 230 OSTRANDER, K
TERM A
LIBERAL-CONSERVATIVE DEBATE IN
EDUCATION; 6/27 - 7/1

EDLPS 600 INDEPNONT STDY/RSCH
>1748 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. MLR M204
OR CALL 543-1836

EDLPS 601 INTERNSHIP
>1749 A 3-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. MLR M206
OR CALL 543-1891

EDUCATION

EDUC 700 MASTERS THESIS
>1782 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. MLR 206 OR CALL 543-7833
OPEN ONLY TO MASTERS DEGREE STUDENT
IN EDUC PERM OF FACULTY SUPERVISOR
AND GRAD PROGRAM COORDINATOR

EDUC 800 DOCTORAL DISSERTATN
>1783 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. MLR 206 OR CALL 543-7833
OPEN ONLY TO DOCTORAL DEGREE STDNITS
IN EDUC PERM OF SUPERVISORY
COMMITTEE CHAIR AND GRAD PROG COORD

EDUCATIONAL CURRICULUM & INSTRUCTION

EDC&I 424 MULTI ETHNIC C & I
1693 A 3 MTWThF 110-430 MLR 302A GAY, C
TERM A
6/19 - 6/30

EDC&I 425 INSTR STRAT MIN STU
1694 A 3 MTWThF 830-930 MLR 104 VASQUEZ, J
TERM A
LRNG VARIABLES OF MINORITY YOUTH

1695 B 3 MTWThF 940-1040 MLR 104 VASQUEZ, J
TERM B
LRNG VARIABLES OF MINORITY YOUTH

EDC&I 453 TCH BIL/BICUL ST
1696 A 3 MTWThF 1050-1150 MLR 411 VASQUEZ, J
TERM A

EDC&I 456 WRKSH- LANG ARTS
1697 A 3 MTWThF 1200-430 MLR 104 HANSEN-KRENI
TERM B
7/25 - 7/31; MULTICULT LIT: K-12

1698 B 3 MTWThF 1050-1150 MLR 104 O'KEEFFE, C
TERM B
ESL RDNG

1699 C 3 MTWThF 130-430 NOC * OLSTAD, R
TERM B
OFFERED JOINTLY WITH EDC&I 473 C
7/24-8/4
PACIFIC SCIENCE CENTER
WORKSHOP-SCIENCE AND
CHILDREN, S LIT & SCIENCE

EDC&I 457 TEACHING ESL
1700 A 3 MTWThF 940-1040 MLR 104 MESSINGER, P
TERM A

EDC&I 468 WRKSH-SOC STUDIES
1701 A 3 MTWThF 110-430 SMI 113 PARKER, W
TERM A
OFFERED JOINTLY WITH EDC&I 468 B
6/19 - 6/30; TEACHING WITH BIOGRAP-
HIES: AN INTEGRATED APPROACH
INTEGRATED APPROACH

3905 B 3 MTWThF 210-440 MLR 316 KALTSOUNIS
TERM A
OFFERED JOINTLY WITH MUSEUM 488 A
USING MUSEUMS FOR TEACHING AND
LEARNING; 7/3 - 7/18

1702 C 3 MTWThF 110-430 * * OLSTAD, R
TERM B
OFFERED JOINTLY WITH EDC&I 473 D
PACIFIC SCIENCE CENTER; 8/7 - 8/18
WORKSHOP: SCIENCE AND SOCIAL
STUDIES IN THE COMMUNITY

EDC&I 472 ENVIRON ED TEACHERS
1703 A 3 MTWThF 230-430 MLR 212 SMITH, J
TERM A
6/26 - 7/13

EDC&I 473 WRKSH-SCIENCE
1704 A 3 MTWThF 1050-1150 MLR 424 SMITH, J
TERM A
SCIENCE TECHNOLOGY AND THE INTERNET
6/21 - 7/19

1705 B 3 MTWThF 130-430 NOC * OLSTAD, R
TERM A
CREDIT/NO CREDIT ONLY
WEATHER FOR TEACHERS; 7/3 - 7/14
PACIFIC SCIENCE CENTER

1706 C 3 MTWThF 130-430 NOC * OLSTAD, R
H TERM B
OFFERED JOINTLY WITH EDC&I 456 C
CREDIT/NO CREDIT ONLY
PACIFIC SCIENCE CNTR; 7/24 - 8/4
WRKSH-SCIENCE AND
CHILDRENS LIT & SCI

1707 D 3 MTWThF 130-430 PSC * OLSTAD, R
H TERM B
OFFERED JOINTLY WITH EDC&I 468 C
CREDIT/NO CREDIT ONLY
PACIFIC SCIENCE CNTR; 8/7 - 8/18
WORKSHOP SCIENCE AND SOCIAL
STUDIES IN THE COMMUNITY

EDC&I 494 WKSH IMPRVE CURRIC
>1708 A 3 MTWThF 1050-1150 MLR 104 GEHRKE, N
TERM A
CREDIT/NO CREDIT ONLY
INTEGRATING THE CURRICULUM

>1709 B 3 TTh 940-1240 MLR 424 BAKER, L
TERM A
THE INTERNET: ACCESS & USE IN EDUC

>1710 C 4 TO BE ARRANGED * * KALTSOUNIS
TERM A
CREDIT/NO CREDIT ONLY
EC MLR 115
JAPAN INSTIT FOR SOCIAL & ECON AFF

EDC&I 495 IMPRVHNT OF TEACHNG
1712 A 6 MTWThF 110-430 MLR 104 GEHRKE, N
TERM A
OFFERED JOINTLY WITH EDSPE 496 F
CREDIT/NO CREDIT ONLY
TEACHING IN THE INCLUSIVE CLASSROOM

1713 B 3 MTWThF 830-930 MLR 104 O'KEEFFE, C
TERM B
ESL MATERIALS

EDC&I 496 WKSHP INSTRCTN IMPR
1715 B 3 MTWThF 1200-100 MLR 104 MCKEAN, B
TERM A
CREDIT/NO CREDIT ONLY
TEACHING AND LEARNING IN THE
GRAPHIC LIVELY ARTS

1716 C 3 MTWTh 1200-210 MLR 411 SCHILL, D
TERM A
VISUAL LITERACY IN THE
CONTEXT OF MEDIA

1717 D 3 MTWTh 220-430 MLR 411 SCHILL, D
TERM A
ART METHODS THROUGH TECHNOLOGY

1719 U 3 MTWThF 440-730P MLR 212 MUKHOPADHYAY
TERM A
CREDIT/NO CREDIT ONLY
6/19 - 6/29; MAKING THE BRIDGE:
ELEMENTARY SCHOOL TEACHING FROM
THE MULTICULTURAL PERSPECTIVE

1720 V 3 TTh 440-730P MLR 424 LEVIN, J
TERM A
DESIGN AND AUTHORIZING OF MULTIMEDIA
PROGRAMS FOR THE CLASSROOM

EDC&I 499 UNDERGRAD RESEARCH
>1721 A 2-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. MLR 122

EDC&I 500 FIELD STUDY
>1722 A 3/6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. MLR 122.

EDC&I 505 SEM IN CURR & INSTR
>1723 A 3 MTWThF 1200-430 MLR 320 VALENCIA, S
TERM A
6/22 - 6/29; DESIGNING AND USING
CLASSROOM LITERACY PORTFOLIOS
EC MLR 122; CO-ENROLLMENT IN
EDC&I 505B PERMITTED

>1724 B 3 MTWThF 110-430 SMI 318 AU, K
TERM A
6/29 - 7/10; IMPROVING THE LITERACY
ACHIEVEMENT OF STUDENTS OF DIVERSE
CULTURAL BACKGROUNDS; EC MLR 122

1725 C 3 MTWThF 110-350 MLR 112 HANSEN-KRENI
7/11 - 7/24
ADULT AUTHORS OF COLOR:
READINGS FOR TEACHERS

>1726 D 3 MTWThF 110-430 MLR 320 TAYLOR, Q
TERM A
OFFERED JOINTLY WITH B EDUC 520 A
7/10 - 7/19
HISTORY OF AFRICAN AMERICANS IN
SEATTLE: CONTENT AND METHODS
EC MLR 122

1727 U 3 MTWThF 700-930P MLR 112 SEBESTA, S
TERM A
6/27 - 7/11; THEMES & EVOCATIONS:
LIT IN CLASSROOMS K-12

>1728 V 3 TTh 440-700P MLR 320 DAVIS, O
TERM A
EC 122; RELIGION AND SPIRITUALITY
IN THE CURRICULUM

EDC&I 530 SMNR ANLYS APP RDNG
1729 A 3 MWF 1050-100 THO 202 WEINER, S
TERM A

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	SLN SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	SLN SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	SLN SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
EDUCATIONAL CURRICULUM & INSTRUCTION										COLLEGE OF ENGINEERING																			
Continued										AERONAUTICS & ASTRONAUTICS																			
EDUCATIONAL PSYCHOLOGY										CHEMICAL ENGINEERING																			
<p>EDUCATIONAL CURRICULUM & INSTRUCTION Continued</p> <p>EDC&I 556 ELEM SCH CURRICULUM 1730 U 3 MW 430-650P MLR 112 HUNKINS, F TERM A OFFERED JOINTLY WITH EDC&I 558 U CREDIT/NO CREDIT ONLY</p> <p>EDC&I 558 SECD SCHL CURRIC 1731 U 3 MW 430-650P MLR 112 HUNKINS, F TERM A OFFERED JOINTLY WITH EDC&I 556 U</p> <p>EDC&I 559 PRNC/PRC CURRIC DVL 1732 A 3 MTWTF 1200-100 MLR 302B HUNKINS, F TERM A</p> <p>EDC&I 563 CRNT ISS LNG ART ED 1733 A 3 MTWTF 940-1150 MLR 320 HANSEN-KRENI TERM A 6/19 - 7/3</p> <p>EDC&I 570 SMNR SCI EDUC-ELEM 1734 A 3 MTWTF 830-930 MLR 212 OLSTAD, R TERM A OFFERED JOINTLY WITH EDC&I 571 A CREDIT/NO CREDIT ONLY</p> <p>EDC&I 571 SMNR SCI EDUC-SECD 1735 A 3 MTWTF 830-930 MLR 212 OLSTAD, R TERM A OFFERED JOINTLY WITH EDC&I 570 A CREDIT/NO CREDIT ONLY</p> <p>EDC&I 599 INDEP STUDIES EDUC >1736 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 122</p> <p>EDC&I 600 INDEPNNT STDY/RSCH >1737 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 122</p> <p>EDC&I 601 INTERNSHIP >1738 A 3-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 122</p>										<p>1772 D 3 MW 830-1150 MLR 102T HADREAS, C TERM B NO FRESHMEN, SOPHMS CLASSROOM MANAGEMENT</p> <p>1773 F 6 MTWTF 110-430 MLR 104 LOVITT, T TERM A OFFERED JOINTLY WITH EDC&I 495 A TEACHING IN THE INCLUSIVE CLASSROOM FROM A SPECIAL EDUCATION PERSPECTIVE</p> <p>EDSPE 500 FIELD STUDY >1775 A 1-6 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 102</p> <p>EDSPE 513 CLINICAL APPRAISAL 1776 A 3 MW 110-430 MLR 112 MADGE, S TERM B</p> <p>EDSPE 514 FUND READ DIS CHLDR 1777 A 3 TTh 110-430 MLR 302B MADGE, S TERM A NO FRESHMEN, SOPHMS SPECIFIC LITERACY TECH FOR ELEM STUDENTS WITH MILD DISABILITIES</p> <p>EDSPE 520 SEN APPL SPEC ED 1778 C 3 MW 830-1150 MLR 112 MADGE, S TERM B NO FRESHMEN, SOPHMS, JUNIORS SPECIFIC NUMERACY TECHNIQUES FOR ELEMENTARY STUDENTS WITH MILD DISABILITIES</p> <p>EDSPE 599 INDEP STUDIES EDUC >1779 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 102</p> <p>EDSPE 600 INDEPNNT STDY/RSCH >1780 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 102</p> <p>EDSPE 601 INTERNSHIP >1781 A 3-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 102</p>																			
<p>EDC&I 556 ELEM SCH CURRICULUM 1730 U 3 MW 430-650P MLR 112 HUNKINS, F TERM A OFFERED JOINTLY WITH EDC&I 558 U CREDIT/NO CREDIT ONLY</p> <p>EDC&I 558 SECD SCHL CURRIC 1731 U 3 MW 430-650P MLR 112 HUNKINS, F TERM A OFFERED JOINTLY WITH EDC&I 556 U</p> <p>EDC&I 559 PRNC/PRC CURRIC DVL 1732 A 3 MTWTF 1200-100 MLR 302B HUNKINS, F TERM A</p> <p>EDC&I 563 CRNT ISS LNG ART ED 1733 A 3 MTWTF 940-1150 MLR 320 HANSEN-KRENI TERM A 6/19 - 7/3</p> <p>EDC&I 570 SMNR SCI EDUC-ELEM 1734 A 3 MTWTF 830-930 MLR 212 OLSTAD, R TERM A OFFERED JOINTLY WITH EDC&I 571 A CREDIT/NO CREDIT ONLY</p> <p>EDC&I 571 SMNR SCI EDUC-SECD 1735 A 3 MTWTF 830-930 MLR 212 OLSTAD, R TERM A OFFERED JOINTLY WITH EDC&I 570 A CREDIT/NO CREDIT ONLY</p> <p>EDC&I 599 INDEP STUDIES EDUC >1736 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 122</p> <p>EDC&I 600 INDEPNNT STDY/RSCH >1737 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 122</p> <p>EDC&I 601 INTERNSHIP >1738 A 3-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 122</p>										<p>>1756 B 2 MTWTF 100-400 MLR 402T BASHEY, H TERM B CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 SPECIAL DATES: 07/20 - 07/28 VIOLENCE & GANGS IN SCHOOLS</p> <p>EDPSY 566 CASE STUDY SMNR >1757 A 1 MTWTF 130-240 MLR 402P NELSON, M TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 6/19/95 - 06/30/95; CONCUR REG IN 566B REQ; CONTINUING COUNSELING CERTIFICATION</p> <p>>1758 B 1 MWF 250-400 MLR 402P NELSON, M TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 6/19/95 - 06/30/95; CONCUR REG IN 566A REQ; CONTINUING COUNSELING CERTIFICATION</p> <p>EDPSY 571 NEUROPSY INTERVEN >1759 A 5 TTh 900-1150 MLR 216 SEMRUD-CLIKE EC MLR 322 OR CALL 543-1846</p> <p>EDPSY 581 SMNR EDUC PSYCH >1760 A 3 MW 800-930 MLR 402T BASHEY, H CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 "THE THEMATIC APPERCEPTION TEST"</p> <p>>1761 B 3 MTWTF 1050-1250 MLR 402P NELSON, M TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 "HISTORY AND SYSTEMS"</p> <p>>1762 C 2 MTWTF 940-1200 MLR 402P NELSON, M TERM B CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 SPECIAL DATES 07/24 - 08/03 "CRISIS INTERVENTION"</p> <p>EDPSY 591 MTHD EDUCATNL RSRCH >1763 A 3 TTh 1050-1240 SAV 132 TAYLOR, C EC MLR 312 OR CALL 543-1139</p> <p>EDPSY 599 INDEP STUDIES EDUC >1764 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p> <p>EDPSY 600 INDEPNNT STDY/RSCH >1765 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p> <p>EDPSY 601 INTERNSHIP >1766 A 3-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p>																			
<p>EDPSY 449 LAB IN EDUC PSYCH >1750 N 2 MW 110-320 THO 235 TAYLOR, C TERM A EC MLR 211; 5TH QTR ELEM TEP ONLY</p> <p>EDPSY 490 BASIC EDUC STATISTICS >1751 A 3 TTh 1050-1240 MLR 112 NO FRESHMEN EC MLR 312 OR CALL 543-1139</p> <p>EDPSY 499 UNDERGRAD RESEARCH >1752 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p> <p>EDPSY 500 FIELD STUDY >1753 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p> <p>EDPSY 542 CAREER DEVELOPMENT >1754 A 3 TTh 800-1100 MLR 402T BASHEY, H TO BE ARRANGED * *</p> <p>TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970</p> <p>EDPSY 555 SMNR COUNCL SPEC >1755 A 2 MTWTF 100-420 MLR 402T BASHEY, H TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 SPECIAL DATES: 06/26 - 07/06 INTRODUCTION TO PROFESSIONAL FUNCTIONS OF A SCHOOL COUNSELOR</p>										<p>SPECIAL EDUCATION</p> <p>EDSPE 404 EXCEPTIONAL CHLDRN 1767 A 3 TTh 110-430 THO 202 HASAN, H TERM A NO FRESHMEN, SOPHMS</p> <p>EDSPE 414 INTRO TO EC SPEC ED 1768 A 3 TTh 830-1150 MLR 102T HADREAS, C TERM A NO FRESHMEN, SOPHMS</p> <p>EDSPE 419 INT FAMILY DIS CH 1769 A 3 MW 110-430 SMI 109 HADREAS, C TERM A NO FRESHMEN, SOPHMS</p> <p>EDSPE 496 WKSP IN SPEC EDUC >1770 A 1-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 102</p> <p>1771 B 3 TTh 830-1150 SMI 109 KELLEY, B TERM B NO FRESHMEN, SOPHMS INCLUSION</p>																			
<p>EDPSY 449 LAB IN EDUC PSYCH >1750 N 2 MW 110-320 THO 235 TAYLOR, C TERM A EC MLR 211; 5TH QTR ELEM TEP ONLY</p> <p>EDPSY 490 BASIC EDUC STATISTICS >1751 A 3 TTh 1050-1240 MLR 112 NO FRESHMEN EC MLR 312 OR CALL 543-1139</p> <p>EDPSY 499 UNDERGRAD RESEARCH >1752 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p> <p>EDPSY 500 FIELD STUDY >1753 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. MLR 312</p> <p>EDPSY 542 CAREER DEVELOPMENT >1754 A 3 TTh 800-1100 MLR 402T BASHEY, H TO BE ARRANGED * *</p> <p>TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970</p> <p>EDPSY 555 SMNR COUNCL SPEC >1755 A 2 MTWTF 100-420 MLR 402T BASHEY, H TERM A CREDIT/NO CREDIT ONLY EC MLR 402 OR CALL 543-4970 SPECIAL DATES: 06/26 - 07/06 INTRODUCTION TO PROFESSIONAL FUNCTIONS OF A SCHOOL COUNSELOR</p>										<p>CHEMICAL ENGINEERING</p> <p>ENTRY CODES ARE AVAILABLE IN BNS 105</p> <p>CHEM E 309 CREAT INNOVATION (VLPA) 1411 A 2 TTh 1050-1150 BNS 115 OFFERED JOINTLY WITH PSE 309 A</p> <p>CHEM E 499 UNDERGRAD RESEARCH >1412 A 1-6 TO BE ARRANGED * *</p>																			

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts

I&S = Individuals and societies

NW = Natural world

QSR = Quantitative, symbolic or formal reasoning

C = English composition

H = Honors course

> = Limited enrollment in this section. Students must obtain entry code or faculty number.

% = New course

PD1 = Period I (May 1-26)

PD2 = Period II (May 30-June 18)

PD3 = Period III (June 19-30)

PD4 = Period IV (July 3-Aug. 6)

DEPT	COURSE	TITLE	SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	SUN	SECTION	CRD
SPEC	CODE	COMMENTS								

DEPT	COURSE	TITLE	SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	SUN	SECTION	CRD
SPEC	CODE	COMMENTS								

DEPT	COURSE	TITLE	SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	SUN	SECTION	CRD
SPEC	CODE	COMMENTS								

CHEMICAL ENGINEERING Continued

CHEN E 600 R INDPNT STDY/RSH
>1413 A VAR TO BE ARRANGED * *

CHEN E 700 MASTERS THESIS
>1414 A VAR TO BE ARRANGED * *
GRADS ONLY

CHEN E 800 DOCTORAL DISSERTATN
>1415 A VAR TO BE ARRANGED * *
GRADS ONLY

CIVIL ENGINEERING, DEPARTMENT OF CIVIL ENGINEERING CORE COURSES

ENTRY CODES ARE AVAILABLE IN MOR 201

CIVE 380 ELEM STRUCT II
1427 A 3 MTW 830-930 MOR 221 ELIAS,Z
CIV E MAJORS ONLY

CIVE 405 CONST PLAN AND SCHE
1428 AA 3 MTWTH 1050-120 MOR 221 HINZE,J
TERM A
CIV E MAJORS ONLY

CIVE 451 DES NET STRUC
1429 A 3 MW 220-430 MOR 221 STANTON,J
CIV E MAJORS ONLY

CIVE 481 ENVRN ENGR DESIGN
1430 A 3 MW 940-1040 MOR 234 BOGAN,R
F 940-1150 MOR 234
CIV E MAJORS ONLY

CIVE 499 SPECIAL PROJECTS
>1431 A 1-5 TO BE ARRANGED * *
INSTRUCTOR ID MOR 201A

CIVE 700 MASTERS THESIS
>1432 A VAR TO BE ARRANGED * *
INSTRUCTOR ID MOR 201A

CIVE 800 DOCTORAL DISSERTATN
>1433 A VAR TO BE ARRANGED * *
INSTRUCTOR ID MOR 201A

ENVIRONMENTAL ENGINEERING & SCIENCE

CEWA 599 SPECIAL TOPICS
>1323 A 2-5 TO BE ARRANGED * *
INSTRUCTOR I.D. MOR 201A

CEWA 600 INDPNT STDY/RSCH
>1324 A 1-9 TO BE ARRANGED * *
INSTRUCTOR I.D. MOR 201A

STRUCTURAL & GEOTECHNICAL ENGR & MECH

CESM 599 SPECIAL TOPICS
>1319 A 2-5 TO BE ARRANGED * *
INSTRUCTOR I.D. MOR 201A

CESM 600 INDPNT STDY/RSCH
>1320 A 1-9 TO BE ARRANGED * *
INSTRUCTOR I.D. MOR 201A

TRANSPORTATION SURVEYING & CONST ENGR

CETS 599 SPECIAL TOPICS
>1321 A 2-5 TO BE ARRANGED * *
INSTRUCTOR I.D. MOR 201A

CETS 600 INDPNT STDY/RSCH
>1322 A 1-9 TO BE ARRANGED * *
INSTRUCTOR I.D. MOR 201A

COMPUTER SCIENCE & ENGINEERING

ENTRY CODES ARE AVAILABLE IN SIG 114

CSE 142 COMPUTER PROG I (NW,OSR)
1482 AA 4 MWF 1200-100 GUG 224
Th 940-1040 MOR 230
OFFERED JOINTLY WITH ENGR 142 AA
PRESCI,PREMAJ,PRENCR MAJORS
ONLY (PD.1)
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1483 AB 4 MWF 1200-100 GUG 224
Th 940-1040 LOW 220
OFFERED JOINTLY WITH ENGR 142 AB
PRESCI,PREMAJ,PRENCR MAJORS
ONLY (PD.1)
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1484 AC 4 MWF 1200-100 GUG 224
Th 1050-1150 LOW 220
OFFERED JOINTLY WITH ENGR 142 AC
PRESCI,PREMAJ,PRENCR MAJORS
ONLY (PD.1)
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1485 AD 4 MWF 1200-100 GUG 224
Th 1050-1150 LOW 217
OFFERED JOINTLY WITH ENGR 142 AD
PRESCI,PREMAJ,PRENCR MAJORS ONLY (PD.1)
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1486 AE 4 MWF 1200-100 GUG 224
Th 1200-100 LOW 220
OFFERED JOINTLY WITH ENGR 142 AE
PRESCI,PREMAJ,PRENCR MAJORS ONLY (PD.1)
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1487 AF 4 MWF 1200-100 GUG 224
Th 1200-100 LOW 222
OFFERED JOINTLY WITH ENGR 142 AF
PRESCI,PREMAJ,PRENCR MAJORS ONLY (PD.1)
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1488 AG 4 MWF 1200-100 GUG 224
Th 110-210 LOW 113
OFFERED JOINTLY WITH ENGR 142 AG
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

1489 AH 4 MWF 1200-100 GUG 224
Th 110-210 LOW 102
OFFERED JOINTLY WITH ENGR 142 AH
ADD CODE REQUIRED (PD.3)
STUDENTS WHO HAVE TAKEN 210 WILL
NOT RECEIVE CREDIT FOR CSE/ENGR 142

CSE 143 COMPUTER PROG II (NW,OSR)
1490 AA 5 MWF 110-210 SIG 134
TTh 940-1040 PAB 8109
ADD CODE REQUIRED (PD.3)
PREREQ: 210 OR 142, OR ENGR 142 OR
PERM OF INSTR; STUDENTS WHO HAVE
TAKEN CSE 211 WILL NOT RECEIVE
CREDIT FOR CSE 143

1491 AB 5 MWF 110-210 SIG 134
TTh 940-1040 SIG 134
ADD CODE REQUIRED (PD.3)
PREREQ: 210 OR 142, OR ENGR 142 OR
PERM OF INSTR; STUDENTS WHO HAVE
TAKEN CSE 211 WILL NOT RECEIVE
CREDIT FOR CSE 143

1492 AC 5 MWF 110-210 SIG 134
TTh 1050-1150 ARC 147
ADD CODE REQUIRED (PD.3)
PREREQ: 210 OR 142, OR ENGR 142 OR
PERM OF INSTR; STUDENTS WHO HAVE
TAKEN CSE 211 WILL NOT RECEIVE
CREDIT FOR CSE 143

1493 AD 5 MWF 110-210 SIG 134
TTh 1050-1150 SIG 231
ADD CODE REQUIRED (PD.3)
PREREQ: 210 OR 142, OR ENGR 142 OR
PERM OF INSTR; STUDENTS WHO HAVE
TAKEN CSE 211 WILL NOT RECEIVE
CREDIT FOR CSE 143

CSE 498 SENIOR PROJECT
>1494 A 1-9 TO BE ARRANGED * *
INSTRUCTOR I.D. SIG 114

>1495 B 1-9 TO BE ARRANGED * *
H INSTRUCTOR I.D. SIG 114

CSE 499 READING & RESEARCH
>1496 A 1-24 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
ONLY MAJORS FROM A & S, ENCR
COLLEGE (PD.1)
C SCI, CMP E MAJORS ONLY (PD.1)
INSTRUCTOR I.D. SIG 114

CSE 600 INDPNT STDY/RSCH
>1497 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
CSE MAJORS ONLY
INSTRUCTOR I.D. SIG 114

CSE 700 MASTERS THESIS
>1498 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
CSE MAJORS ONLY
INSTRUCTOR I.D. SIG 114

CSE 800 DOCTORAL DISSERTATN
>1499 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
CSE MAJORS ONLY
INSTRUCTOR I.D. SIG 114

ELECTRICAL ENGINEERING

ENTRY CODES ARE AVAILABLE IN EEB 215

E E 235 SIGNAL ANALYSIS
1637 AA 4 MWF 940-1040 AND 010
T 830-1030 MUE 154
ONLY MAJORS FROM ENCR COLLEGE
E, E, CMP E MAJORS ONLY (PD.1)

E E 331 DEVICES/CIRCUITS I
1638 AA 5 MWF 830-930 LOW 117
T 940-1240 LOW 220
E, E, CMP E MAJORS ONLY

E E 332 DEVICES/CIRCUITS II
1639 AA 5 MTHF 940-1040 LOW 102
T 110-410 LOW 113
E, E, CMP E MAJORS ONLY

1640 AB 5 MTHF 940-1040 LOW 102
Th 110-410 LOW 118
E, E, CMP E MAJORS ONLY

E E 361 APPL EM
1641 AA 5 MWF 1200-100 EEB 108
W 220-520 LOW 220
E, E, CMP E MAJORS ONLY

1642 AB 5 MWF 1200-100 EEB 108
Th 830-1230 CHL 105
E, E, CMP E MAJORS ONLY

E E 371 DIGITAL CIR & SYSTE
1643 AA 5 MWF 1050-1150 GUG 410
T 110-310 LOW 118
ONLY MAJORS FROM ENCR COLLEGE
E, E, CMP E MAJORS ONLY

1644 AB 5 MWF 1050-1150 GUG 410
Th 830-1030 MUE 154
ONLY MAJORS FROM ENCR COLLEGE
E, E, CMP E MAJORS ONLY

E E 399 SPEC TPCS ELEC ENGR
>1645 A 1-5 TO BE ARRANGED * *

DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR
SLN	SECTION	CRD	DAY	TIME	COMMENTS	SLN	SECTION	CRD	DAY	TIME	COMMENTS	SLN	SECTION	CRD	DAY	TIME	COMMENTS
SPEC	CODE					SPEC	CODE					SPEC	CODE				

NUCLEAR ENGINEERING

NJC E 700 MASTERS THESIS
>2697 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

NJC E 800 DOCTORAL DISSERTATN
>2698 A 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

INDUSTRIAL ENGINEERING

IND E 499 SPECIAL PROJECTS IE
>2222 A 2-5 TO BE ARRANGED * *

IND E 599 SPECIAL TOPICS IE
>2223 A 4 TTh 1050-100 LOW 113 HEIM,JOE
OFFERED JOINTLY WITH MKTG 579 A
GRADS ONLY (PD.1&2)
IND E MAJORS ONLY (PD.1&2)
PEMM PRG. COURSE
2224 B 3 W 100-420 * * SMITH,R
>2225 C 1-3 TO BE ARRANGED * *

MATERIALS SCIENCE & ENGINEERING

MSE 499 SPECIAL PROJECT
>2562 A VAR TO BE ARRANGED * *

MSE 553 VAC SCI AND TECHNOL
2563 A 3 M 940-1040 MUE 154 ORUJIC,F
W 940-1150 GUG 224

MSE 600 INDEPENDENT STUDY
>2566 A VAR TO BE ARRANGED * *

MSE 700 MASTERS THESIS
>2569 A VAR TO BE ARRANGED * *

MSE 800 DOCTORAL DISSERTATN
>2572 A VAR TO BE ARRANGED * *

MECHANICAL ENGINEERING, DEPT. OF

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 MFG PROCESSES
2373 AA 3 TTh 110-210 MEB 238
T 830-1130 EGA 116
IND E,M E MAJORS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)

2374 AB 3 TTh 110-210 MEB 238
T 220-520 EGA 116
IND E,M E MAJORS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)

2375 AC 3 TTh 110-210 MEB 238
Th 220-520 EGA 116
IND E,M E MAJORS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)

2376 AD 3 TTh 110-210 MEB 238
M 110-410 EGA 116
IND E,M E MAJORS ONLY (PD.1&2)
ADD CODE REQUIRED (PD.3)

M E 333 INTRO TO FLUID MECH
2377 A 4 MTh 940-1040 MOR 221
T 940-100 BAG 131
M E MAJORS ONLY

M E 353 MACHN DESGN ANLYS
2378 A 4 MTh 1050-1150 MOR 225
M 220-520 MEB 134
M E MAJORS ONLY

M E 395 INTRO MECH DESIGN
2379 AA 4 MTh 830-930 MEB 134
T 220-420 MEB 134
M E MAJORS ONLY

M E 434 ADV MECH ENGR LAB
2380 A 3 MW 110-320 MEB 238
MW 110-320 LOW 112
MW 110-320 MEB 103
M E MAJORS ONLY

M E 469 APPL OF DYN IN ENGR
2381 A 4 MTh 1050-100 SIG 134
M E MAJORS ONLY

M E 499 SPECIAL PROJECTS
>2382 A 2-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
M E MAJORS ONLY

>2383 B 2-5 TO BE ARRANGED * *
M E MAJORS ONLY

M E 599 SPECIAL PROJECTS
>2384 A 1-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
M E MAJORS ONLY

>2385 B 1-5 TO BE ARRANGED * *
GRADS ONLY
M E MAJORS ONLY

M E 600 INDEPENDNT STDY/RSCH
>2388 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
M E MAJORS ONLY

>2389 B VAR TO BE ARRANGED * *
GRADS ONLY
M E MAJORS ONLY

M E 700 MASTERS THESIS
>2392 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
M E MAJORS ONLY

>2393 B VAR TO BE ARRANGED * *
GRADS ONLY
M E MAJORS ONLY

M E 800 DOCTORAL DISSERTATN
>2396 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
GRADS ONLY
M E MAJORS ONLY

>2397 B VAR TO BE ARRANGED * *
GRADS ONLY
M E MAJORS ONLY

TECHNICAL COMMUNICATION

T C 495 PROF PRACTICE
>3635 A 3-5 TO BE ARRANGED * * WILLIAMS,T
CREDIT/NO CREDIT ONLY
EC LOW 014

T C 499 SPECIAL PROJECTS
>3636 A 2-5 TO BE ARRANGED * *
INSTRUCTOR I.D. LOW 014

>3637 H 2-5 TO BE ARRANGED * *
INSTRUCTOR I.D. LOW 014

T C 599 SPECIAL PROJECTS
>3638 A 1-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. LOW 014

T C 600 IND STUDY/RESEARCH
>3639 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. LOW 014

T C 601 INTERNSHIP
>3640 A 3-9 TO BE ARRANGED * *
INSTRUCTOR I.D. LOW 014

T C 700 MASTER'S THESIS
>3641 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. LOW 014

COLLEGE OF FOREST RESOURCES

COLLEGE OF FOREST RESOURCES

COLLEGE OF FOREST RESOURCES

CFR 101 FORESTS AND SOCIETY (NW)
1325 A 5 MTWThF 940-1040 MOR 116 DONLDE,B
BRIGGS,D
EDMONDS,R

CFR 590 GRADUATE STUDIES
>1326 A 1-5 TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

CFR 600 INDEPENDNT STDY/RSCH
>1327 A VAR TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

CFR 700 MASTERS THESIS
>1328 A VAR TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

CFR 800 DOCTORAL DISSERTATN
>1329 A VAR TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

ECOSYSTEM SCIENCE & CONSERVATION

ESC 300 INTERNSHIP
>1957 A 3-5 TO BE ARRANGED * *
DROP CODE REQUIRED

ESC 350 WILDLIFE BIOL&CONSV (NW)
1958 A 4 MTWTh 1050-1150 AND 008 MANUHAL,D
WEST,S
AGEE,J

ESC 412 FIELD SURVEY SOILS (NW)
1959 A 3 TO BE ARRANGED * * HARRISON
HENRY
ZABONSKI

ESC 492 UNDERGRAD STUDIES
>1960 A 1-5 TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

ESC 494 WILDLIFE PROPOSAL
>1961 A 3 TO BE ARRANGED * *
% MEETS WRITING COURSE REQUIREMENT
FACULTY CODES AVAILABLE IN AND 116

ESC 495 SENIOR PROJECT
>1962 A 5 TO BE ARRANGED * *
MEETS WRITING COURSE REQUIREMENT
NO FRESHMEN,SOPHMS
ONLY MAJORS FROM FOR COLLEGE
FACULTY CODES AVAILABLE IN AND 116

ESC 496 WILDLF SENIOR THESIS
>1963 A 5 TO BE ARRANGED * *
MEETS WRITING COURSE REQUIREMENT
FACULTY CODES AVAILABLE IN AND 116

ESC 510 GD STDYS FOR SOILS
>1964 A 1-5 TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

ESC 520 GRAD STDY ECO SCI
>1965 A 1-5 TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

ESC 521 CURR PROB ECO SCI
1966 A 2 TTh 940-1040 AND 010 BRUBAKER,L
KINCKLEY,T

ESC 538 GD STDYS FOR PATH
>1967 A 1-5 TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

ESC 555 GD STDY WILDLFE SCI
>1968 A 1-5 TO BE ARRANGED * *
FACULTY CODES AVAILABLE IN AND 116

ESC 601 INTERNSHIP
>1969 A 3-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC AND 116

Summer Quarter Time Schedule

DEPT COURSE BLN SECTION SPEC CODE	TITLE CRD DAY TIME COMMENTS	BLDG ROOM	INSTRUCTOR	DEPT COURSE BLN SECTION SPEC CODE	TITLE CRD DAY TIME COMMENTS	BLDG ROOM	INSTRUCTOR	DEPT COURSE BLN SECTION SPEC CODE	TITLE CRD DAY TIME COMMENTS	BLDG ROOM	INSTRUCTOR
FOREST ENGINEERING											
F E 340	PLANE SURVEYING	1970 A 4	MTWTh 830-930	AND 010	PICKFORD,S FRIDLEY,J						
F E 404	F E FIELD SEMINAR	1971 A 1	M 830-100	NOC *							
						X CREDIT/NO CREDIT ONLY					
F E 492	UNDERGRAD STUDIES	>1972 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE IN AND 116					
F E 515	GD STDYS FOR INFL	>1973 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE IN AND 116					
F E 529	CURRENT F E TOPICS	>1974 A 1	TO BE ARRANGED * *			FRIDLEY,J					
						CREDIT/NO CREDIT ONLY EC AND 116					
F E 540	GD STDYS FOR ENGR	>1975 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE IN AND 116					
F E 591	TEACHING PRACTICUM	>1976 A 1-5	TO BE ARRANGED * *			H CREDIT/NO CREDIT ONLY EC AND 116					
FOREST MANAGEMENT											
F M 300	PROFESS FOR INTERN	>1977 A 3-5	TO BE ARRANGED * *			ONLY MAJORS FROM FOR COLLEGE					
F M 400	FORESTRY IN WASH	1978 A 5	MTWThF 940-1040	AND 008	WACAR,J						
F M 492	UNDERGRAD STUDIES	>1979 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 495	SENIOR PROJECT	>1980 A 5	TO BE ARRANGED * *			MEETS WRITING COURSE REQUIREMENT FACULTY CODES AVAILABLE AND 116					
F M 508	SIL PRESC PREP	1981 A 4	TO BE ARRANGED * *			OLIVER,C					
						SILVICULTURE INST ENROLLES ONLY					
F M 530	GD STDYS FIRE CNTRL	>1982 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 537	GD STDYS FOR ENT	>1983 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 540	FOREST HEALTH MGMT	>1984 A 5	MTWThF 940-1040	PAR 310	OLIVER						
						X					
F M 541	READINGS IN SILVIC	1985 A 1-5	TO BE ARRANGED * *			OLIVER,C					
F M 563	GD STDYS MENSURATN	>1986 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 565	GD STDYS FOR MGMT	>1987 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 566	GD STDYS FOR PHOTG	>1988 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 568	GD STDYS FOR ECON	>1989 A 3	MW 830-930	PAB A212	PAUN,D BARE,B SCHREUDER,G						
						CURRENT TOPICS IN FOR ECONOMICS					
F M 570	GRD STDYS POL ANLYS	>1990 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
FOREST ENGINEERING (Continued)											
F M 572	GRD STDYS RESRC PLNG	>1991 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 574	SEM FOR PROD MARKET	1992 A 1-5	MW 940-1040	QLD 317	PAUN,D SCHREUDER,G						
						X					
F M 579	GRD STDYS FORST SOCL	>1993 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
F M 580	SEM RESEARCH ANLYS	1994 A 5	MTWThF 1050-1150	QLD 117	SHANNON						
						X					
F M 601	INTERNSHIP	>1995 A 3-9	TO BE ARRANGED * *			CREDIT/NO CREDIT ONLY EC AND 116					
PAPER SCIENCE & ENGINEERING											
PSE 309	CREAT INNOVATION (VLP)	3222 A 2	TTh 1050-1150	BNS 115	ALLAN,G						
						OFFERED JOINTLY WITH CHEM E 309 A					
PSE 492	UNDERGRAD STUDIES	>3223 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE IN AND 116					
PSE 497	PLP & PPR INTERN I	>3224 A 1	TO BE ARRANGED * *			GUSTAFSON,R HOOGSON,K					
						MEETS WRITING COURSE REQUIREMENT EC AND 116					
PSE 570	GD STDYS FOR PROD	>3225 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE IN AND 116					
URBAN HORTICULTURE											
UHF 202	INTRO URBAN HORT (I&S/NW)	3674 AA 3	MW 800-930	AND 008	TUKEY,H						
						MW 940-1110					
						TERM A					
UHF 331	LSCAPE PLANT RECOG (NW)	3675 A 3	TTh 110-510	HCK 324	TSUKADA,M						
						TERM A					
						OFFERED JOINTLY WITH BOTANY 331 A					
UHF 470	URBAN FOR LANDSCAPE	3676 A 5	T 1230-530	CHL 105	WACAR BRADLEY WOLF						
						X					
UHF 479	FIELD RESTORATION	3677 A 5	TTh 830-1040	CUH *	EWING,K. GONZALEZ						
						X					
						TERM B					
						FIELD STUDIES IN RESTORATION ECOLOGY; PLUS 3 WEEKEND FIELD TRIPS					
UHF 492	UGRAD STUDY URB FOR	>3678 A 1-5	TO BE ARRANGED * *			FACULTY CODES AVAILABLE AND 116					
INTERDISCIPLINARY GRADUATE PROGRAMS											
INDIVIDUAL PHD											
IPHD 600	INDEPNNT STDY/RSCH	>2248 A	VAR TO BE ARRANGED * *			GRADS ONLY					
MUSEOLOGY											
IPHD 800	DOCTORAL DISSERTATN	>2249 A	VAR TO BE ARRANGED * *			GRADS ONLY					
MUSEOLOGY (Continued)											
MUSEUM 488	SPC TPC MUSEOLOGY	>3907 A 3	MTWThF 210-440	MLR 316	KALTSOURNIS						
						X					
						TERM A					
						OFFERED JOINTLY WITH ED&I 468 A USING MUSEUMS FOR TEACHING AND LEARNING; 7/3 - 7/18 EC'S 3-1847					
NUTRITIONAL SCIENCE											
NUTR 461	DIET THERAPY	>2712 A 4	TO BE ARRANGED * *			RAI 229					
						CREDIT/NO CREDIT ONLY					
NUTR 532	FLDKW PUB HLTH NUTR	>2713 A 2-12	TO BE ARRANGED * *			KARKECK,J ADAMS,S					
						CREDIT/NO CREDIT ONLY EC RAI 305; 6/24 - 8/23					
NUTR 537	LABORATORY ROTATION	>2714 ZA 1-4	TO BE ARRANGED * *			ROSENFELD,M LEBOEUF,R					
						EC RAI 305					
NUTR 561	CLIN NUTR FIELDWORK	>2715 ZN 1-3	TO BE ARRANGED * *			KARKECK,J ADAMS,S					
						CREDIT/NO CREDIT ONLY EC RAI 305					
NUTR 600	INDEPNNT STDY/RSCH	>2716 A	VAR TO BE ARRANGED * *			CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. RAI 305					
NUTR 700	MASTERS THESIS	>2717 A	VAR TO BE ARRANGED * *			CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. RAI 305					
NUTR 800	DOCTORAL DISSERTATN	>2718 A	VAR TO BE ARRANGED * *			CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. RAI 305					
QUANTITATIVE ECOLOGY & RESOURCE MGMT											
QERM 600	INDEPNNT STDY/RSCH	>3318 A	VAR TO BE ARRANGED * *								
QERM 700	MASTER'S THESIS	>3319 A	VAR TO BE ARRANGED * *								
QERM 800	DOCTORAL DISSERTATN	>3320 A	VAR TO BE ARRANGED * *								
INTERSCHOOL OR INTERCOLLEGE PROGRAMS											
ADV MATERIALS & MANUFACTURING PROCESSES											
AMMAP 500	ADV TEAMING FNDNTLS	>1055 UA 1-9	TO BE ARRANGED * *								
						1056 UB 1-9 TO BE ARRANGED * *					
AMMAP 550	TEAM NETWORK DVMPT	1057 UA 1-9	TO BE ARRANGED * *								
BIOENGINEERING											
BIOEN 499	SPECIAL PROJECTS	>1242 A 2-6	TO BE ARRANGED * *			INSTRUCTOR I.D. HHL 309					
BIOEN 599	SPEC TOPICS BIOENG	>1243 A 1-6	TO BE ARRANGED * *			INSTRUCTOR I.D. HHL 309					

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLPA = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > = Limited enrollment in this section. Students must obtain entry code or faculty number.
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PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
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 PD4 = Period IV (July 3-Aug. 6)

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	SLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	SLM	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
LAW B Continued											LIBR 700 MASTERS THESIS										
>2343 B 1-12 TO BE ARRANGED * * TERM A CREDIT/NO CREDIT ONLY DROP CODE REQUIRED LAW, LAW C, LAW V, IS LAW MAJORS ONLY >2344 C 1-12 TO BE ARRANGED * * TERM B DROP CODE REQUIRED LAW, LAW C, LAW V, IS LAW MAJORS ONLY >2345 D 1-12 TO BE ARRANGED * * TERM B CREDIT/NO CREDIT ONLY DROP CODE REQUIRED LAW, LAW C, LAW V, IS LAW MAJORS ONLY											>2359 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY										
SCHOOL OF LIBRARY & INFORMATION SCIENCE											SCHOOL OF MEDICINE										
LIBRARY & INFORMATION SCIENCE											ANESTHESIOLOGY										
ENTRY CODES ARE AVAILABLE IN SUZ 133 LIBR 503 BIBLIO DATABASES 2350 A 4 MWF 1230-330 SUZ 127 BROOKS, T TERM A LIBR MAJORS ONLY ADDIT'L LAB TIME TO BE * OTHERS BY PERM SUZ 133 LIBR 528 LITERATURE SRCHNG 2351 B 3 MWF 1230-300 SUZ 127 MIGNON, E TERM B LIBR MAJORS ONLY OTHERS BY PERM SUZ 133; 7/21 - 8/16 ADDITIONAL LAB TIME TO BE ARRANGED LIBR 577 LAW LIBRARY ADMIN 2352 A 4 MWF 900-1230 * * HAMBLETON, J TERM A CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY OTHERS BY PERM SUZ 133 JUNE 19 - JULY 19 LIBR 590 DIRECTED FIELD WORK 2353 F 4 TO BE ARRANGED * * VAN ORDEN, P CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY LIBR 598 SPEC TOPICS IN LIBR 2354 A 3 MTWTF 830-1130 SUZ 127 ALBRECHTSEN TERM A CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY OTHERS BY PERM; 6/19 - 6/30 CLASSIFICATION AND INDEXING OF TECHNICAL DOCUMENTS AND SOFTWARE 2355 B 3 MTWTF 830-1130 SUZ 127 TOTTEM, H TERM A CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY OTHERS BY PERM; 7/3 - 7/14 MTWTF 8:30-12:00 MEETS 7/03-7/07 MT 8:30-12:00 MEETS 7/10-7/11 WTHF 8:30-11:30 MEETS 7/12-7/14 INFORMATION RESOURCES IN CULTURALLY DIVERSE COMMUNITIES 2356 C 3 MTWTF 830-1130 SUZ 127 DOLL, C TERM B CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY OTHERS BY PERM; 7/20 - 8/2 PICTURE BOOKS: EVALUATION AND USE 2357 D 3 MTWTF 830-1130 SUZ 127 SUMMERS, F W TERM B CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY OTHERS BY PERM; 8/7 - 8/18 MANAGING INFORMATION ORGANIZATIONS FOR HUMAN SERVICES LIBR 600 INDEPENDNT STDY/RSCH >2358 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY LIBR MAJORS ONLY											COURSES NUMBERED WITH A P SUFFIX ARE NOT GRADUATE COURSES BUT ARE INTENDED FOR MEDICAL STUDENTS ONLY ANEST 498 UNDERGRAD THESIS >1058 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. HSB 881415 ANEST 499 UNDERGRAD RESEARCH >1059 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. HSB 881415 ANEST 501P P-PRECEP ANESTHESIA >1060 A 1 TO BE ARRANGED * * FACULTY I.D. HSB 881415										
											BIOCHEMISTRY										
											BIOC 499 UNDERGRAD RESEARCH >1216 A 1 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. HSJ 3405 BIOC 517 PROTEIN STRUCTURE 1217 A 1 TO BE ARRANGED * * BAKER, D % CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 518 SIGNALING IN DEVEL 1218 A 1 TO BE ARRANGED * * RUOHOLA-BAKE % CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 526 GROWTH & DEVLDP DIFF 1219 A 1 TO BE ARRANGED * * HAUSCHKA, S CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 529 MOL BIO EARLY DEVEL 1220 A 1 TO BE ARRANGED * * KIMELMAN, D CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 536 CONTROL CELL GROWTH 1221 A 1 TO BE ARRANGED * * MORRIS, D CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 537 REG GENE EXPRESSION 1222 A 1 TO BE ARRANGED * * PALMITER, R CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 539 IMMUNOBIOLOGY 1223 A 1 TO BE ARRANGED * * PERLMUTTER CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 555 BIOC CONNECT TISSUE 1224 A 1 TO BE ARRANGED * * BORNSTEIN, P CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 557 CALCIUM BIND PROT 1225 A 1 TO BE ARRANGED * * DAVIS, T CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY										
											BIOC 558 PROTEIN PHOSPHORYL										
											1226 A 1 TO BE ARRANGED * * FISCHER, E CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 559 MEMBRANE BIOCHEM 1227 A 1 TO BE ARRANGED * * CLONSET, J CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 560 PROTEIN FOLDING 1228 A 1 TO BE ARRANGED * * BAKER, D % CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 561 ORIGIN OF POLARITY 1229 A 1 TO BE ARRANGED * * RUOHOLA-BAKE % CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 565 PLANT MOLEC GENET 1230 A 1 TO BE ARRANGED * * CORDON, M CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 566 MUSCLE GROWTH 1231 A 1 TO BE ARRANGED * * HAUSCHKA, S CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 568 G PRO SIGNAL TRANS 1232 A 1 TO BE ARRANGED * * HURLEY, J CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 569 INDUCTIVE EARLY DEV 1233 A 1 TO BE ARRANGED * * KIMELMAN, D CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 576 SEQ ANALYS GROW REG 1234 A 1 TO BE ARRANGED * * MORRIS, D CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 577 GENE REG TRANS MICE 1235 A 1 TO BE ARRANGED * * PALMITER, R CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 579 MOL BIOL IMMUNE SYS 1236 A 1 TO BE ARRANGED * * PERLMUTTER CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 587 STRUCT EVOL REG PRO 1237 A 1 TO BE ARRANGED * * WALSH, K CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 588 MOL BIOL YEAST GENE 1238 A 1 TO BE ARRANGED * * YOUNG, E CREDIT/NO CREDIT ONLY GRADS ONLY BIOC MAJORS ONLY BIOC 600 INDEPENDNT STDY/RSCH >1239 A VAR TO BE ARRANGED * * PERM BY INSTR BIOC 700 MASTERS THESIS >1240 A VAR TO BE ARRANGED * * PERM BY INSTR BIOC 800 DOCTORAL DISSERTATN >1241 A VAR TO BE ARRANGED * * PERM BY INSTR										

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

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 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
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 > = Limited enrollment in this section. Students
 must obtain entry code or faculty number.
 % = New course

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 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

DEPT	COURSE	TITLE	BLN	SECTION	CRD	DAY	TIME	BLDG	ROOM	DESTRUCTOR	DEPT	COURSE	TITLE	BLN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR							
SPEC	CODE	COMMENTS									SPEC	CODE	COMMENTS									SPEC	CODE	COMMENTS															
BIOLOGICAL STRUCTURE											LABORATORY MEDICINE																												
B STR 498	H-UNDERGRAD THESIS	>1205 A VAR TO BE ARRANGED			*						C MED 531	LAB ANIM DISEASES	>1312 B 3	TO BE ARRANGED	*							IMMUN 800	DOCTORAL DISSERTATN	>2221 A VAR	TO BE ARRANGED	*													
		INSTRUCTOR I.D. HSD GS17																																					
B STR 499	UNDERGRAD RESEARCH	>1206 A VAR TO BE ARRANGED			*						C MED 540	ANIMAL MODELS	>1313 B 1	TO BE ARRANGED	*																								
		INSTRUCTOR I.D. HSD GS17																																					
B STR 525	BRAIN DISSECTION	>1207 A 2			*					SUNDSTEN, J	C MED 590	SEL TOPICS ANIM MED	>1314 B 2	TO BE ARRANGED	*																								
		EC HSD GS17																																					
B STR 540	SPEC PROB IN ANAT	>1208 A 1-6			*						C MED 600	RESEARCH	>1315 A 1-9	TO BE ARRANGED	*																								
		EC HSD GS17																																					
B STR 555	LAB ROTATION IN BST	>1209 A 5			*						C MED 601	INTERNSHIP ROTATION	>1316 A 1	TO BE ARRANGED	*																								
		INSTRUCTOR I.D. HSD GS17																																					
B STR 584	NEUROGENESIS SEMR	1210 A 1			*						C MED 700	MASTERS THESIS	>1317 A 1-9	TO BE ARRANGED	*																								
		X																																					
B STR 594	SEMINAR MYOGENESIS	1211 A 1			*					NAKEROFF, M	FAMILY MEDICINE, DEPARTMENT OF																												
		CREDIT/NO CREDIT ONLY									FAMILY MEDICINE																												
B STR 598	BIO STR READING	>1212 A 2			*						ENTRY CODES ARE AVAILABLE IN HSD E304																												
		CREDIT/NO CREDIT ONLY									FAMED 499 UNDERGRAD RESEARCH																												
		INSTRUCTOR I.D. HSD GS17									>1996 A VAR TO BE ARRANGED																												
B STR 600	INDEPNDNT STDY/RSCH	>1213 A VAR			*						INSTRUCTOR I.D. HSD E304																												
		INSTRUCTOR I.D. HSD GS17									FAMED 501P P-INT FAM MED PRCPPT																												
B STR 700	MASTERS THESIS	>1214 A VAR			*						>1997 A 2.5 TO BE ARRANGED																												
		ADD CODE REQUIRED (PO.1)									EC HSD E304																												
		INSTRUCTOR I.D. HSD GS17									FAMED 505P P-RUR/URB PRECEPT																												
B STR 800	DOCTORAL DISSERTATN	>1215 A VAR			*						>1998 A VAR TO BE ARRANGED																												
		INSTRUCTOR I.D. HSD GS17									EC HSD E304																												
											HUMAN BIOLOGY																												
											HUBIO 500P P-MED PRACPRECP WAN																												
											2196 A 1 TO BE ARRANGED																												
											ONLY MAJORS FROM MED COLLEGE																												
											MED, MED C MAJORS ONLY																												
											WANI ONLY																												
											HUBIO 501P P-HU BIO SPEC PROJ																												
											2197 A VAR TO BE ARRANGED																												
											ONLY MAJORS FROM MED COLLEGE																												
											MED, MED C MAJORS ONLY																												
											2198 B VAR TO BE ARRANGED																												
											ONLY MAJORS FROM MED COLLEGE																												
											MED, MED C MAJORS ONLY																												
											IMMUNOLOGY																												
											IMMUN 499 UNDERGRAD RESEARCH																												
											>2217 A VAR TO BE ARRANGED																												
											CREDIT/NO CREDIT ONLY																												
											DROP CODE REQUIRED																												
											JUNIORS, SENIORS ONLY																												
											IMMUN 599 TOPICS IMMUNOLOGY																												
											>2218 ZN VAR TO BE ARRANGED																												
											CREDIT/NO CREDIT ONLY																												
											IMMUN, MED C MAJORS ONLY																												
											IMMUN 600 INDEPNDNT STDY/RSCH																												
											>2219 A VAR TO BE ARRANGED																												
											CREDIT/NO CREDIT ONLY																												
											IMMUN, MED C MAJORS ONLY																												
											IMMUN 700 MASTER'S THESIS																												
											>2220 A VAR TO BE ARRANGED																												
											CREDIT/NO CREDIT ONLY																												
											IMMUN, MED C MAJORS ONLY																												
											MEDICAL HISTORY & ETHICS																												
											ENTRY CODES ARE AVAILABLE IN HSA A204																												
											MHE 498 UNDERGRAD THESIS																												
											>2525 A VAR TO BE ARRANGED																												
											INSTRUCTOR I.D. HSA A204																												
											MHE 499 UNDERGRAD RESEARCH																												
											>2526 A VAR TO BE ARRANGED																												
											INSTRUCTOR I.D. HSA A204																												

Summer Quarter Time Schedule

DEPT BLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR	DEPT BLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR	DEPT BLM SPEC	COURSE SECTION CODE	TITLE CRD COMMENTS	DAY TIME	BLDG ROOM	INSTRUCTOR
MEDICAL HISTORY & ETHICS Continued						NEUR 8 489 UNDERGRAD RESEARCH						MICROM 532 SEM IN GEN MICRO					
>2527 A 2 TO BE ARRANGED * *						>2691 A VAR TO BE ARRANGED * * FIRST 6 WEEKS						>2543 A 1 TO BE ARRANGED * * LEIGH, J CREDIT/NO CREDIT ONLY GRADS ONLY MICROM MAJORS ONLY					
TERM A CREDIT/NO CREDIT ONLY THE TEMPTATIONS OF EVOLUTIONARY ETHICS						>2692 B VAR TO BE ARRANGED * * SECOND 6 WEEKS						>2544 A 2.5 MTWThF 1130-1220 * * SCHOENKNECHT CREDIT/NO CREDIT ONLY GRADS ONLY EC HSD G315 OR CALL 543-2572					
MHE 600 INDEPNMT STDY/RSCH						NEUR S 505P P-PRECEPT NEUROSURG						MICROM 555 ADV CLINICAL MICRO					
>2528 A VAR TO BE ARRANGED * *						>2693 A 1 TO BE ARRANGED * * MAYBERG, M EC (NS-9TH & CHERRY) GRADY, M						>2544 A 2.5 MTWThF 1130-1220 * * SCHOENKNECHT CREDIT/NO CREDIT ONLY GRADS ONLY EC HSD G315 OR CALL 543-2572					
INSTRUCTOR I.D. HSA A204						OBSTETRICS & GYNECOLOGY						MICROM 556 CLIN MICRO TNG&RSCH					
MHE 700 MASTERS THESIS						ENTRY CODES ARE AVAILABLE IN HSB 886678						>2545 A VAR TO BE ARRANGED * * SCHOENKNECHT CREDIT/NO CREDIT ONLY GRADS ONLY EC HSD G315					
>2529 A VAR TO BE ARRANGED * *						OB GYN 498 UNDERGRAD THESIS						MICROM 560 RES IN RETROVIROL					
INSTRUCTOR I.D. HSA A204						>2744 A VAR TO BE ARRANGED * * 12 WEEKS						2546 A 1 TO BE ARRANGED * * LINIAL, M CREDIT/NO CREDIT ONLY GRADS ONLY					
MEDEX						OB GYN 499 UNDERGRAD THESIS						MICROM 562 ONCOGE RETROVI SEM					
MEDEX 451 ANAT PHYSIOLOGY MX						>2745 A VAR TO BE ARRANGED * * 12 WEEKS						2547 A 1 TO BE ARRANGED * * LINIAL, M CREDIT/NO CREDIT ONLY GRADS ONLY					
2520 B 6 MTWThF 900-1200 HST T479 BLOMSTRAND						OB GYN 579P P-OB&GYN INVESTIGA						MICROM 585 RES CEL MOL BIOL					
TERM B 8/14 - 9/8						>2746 A VAR TO BE ARRANGED * *						2548 A 1 TO BE ARRANGED * * CHAMPOUX, J CREDIT/NO CREDIT ONLY GRADS ONLY MICROM MAJORS ONLY					
MEDICAL EDUCATION						MICROBIOLOGY						MICROM 600 INDEPNMT STDY/RSCH					
MEDED 499 UNDERGRAD RESEARCH						MICROM 301 GEN MICROBIOLOGY (NW)						>2549 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY GRADS ONLY ONLY MAJORS FROM MED COLLEGE MICROM MAJORS ONLY					
>2518 A VAR TO BE ARRANGED * *						2530 A 3 MWF 1050-1150 HST T435						MICROM 700 MASTERS THESIS					
CREDIT/NO CREDIT ONLY EC HSD E312						MICROM 302 GEN MICRO LAB (NW)						>2550 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY GRADS ONLY ONLY MAJORS FROM MED COLLEGE MICROM MAJORS ONLY					
CARLINE, J SCOTT, C IRBY, D						2531 ZN 2 MW 110-320 HST T370 ANDERSON, D MW 110-320 HST T376 MW 110-320 HST T380						MICROM 800 DOCTORAL DISSERTATN					
MEDED 599 INDEPNMT STDY/RSCH						NO AUDITORS; ATTENDANCE REQUIRED 1ST SESSION						>2551 A VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY GRADS ONLY ONLY MAJORS FROM MED COLLEGE MICROM MAJORS ONLY					
>2519 A VAR TO BE ARRANGED * *						2532 ZO 2 MW 330-540 HST T370 MW 330-540 HST T376 MW 330-540 HST T380						OPHTHALMOLOGY					
CREDIT/NO CREDIT ONLY EC HSD E312						NO AUDITORS; ATTENDANCE REQUIRED 1ST SESSION						OPHTH 498 UNDERGRAD THESIS					
SCHOOL OF MEDICINE						MICROM 320 MEDIA PREPARATION (NW)						>2774 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. HSB 88825					
CONJOINT (MEDICINE)						>2533 AA 2 W 1200-100 HST T360 PARKHURST, D TO BE ARRANGED * * CREDIT/NO CREDIT ONLY EC HST T382						OPHTH 499 UNDERGRAD RESEARCH					
CONJ 585 SURGICAL ANATOMY						MICROM 495 HONORS UNDERGR RSCH						>2775 A VAR TO BE ARRANGED * * INSTRUCTOR I.D. HSB 88825					
>1475 A 1-3 TO BE ARRANGED * *						>2535 A VAR TO BE ARRANGED * *						OPHTH 501P P-OPHTH PRECEP					
B STR RESP, PERM OF INSTR						H INSTRUCTOR I.D. HSD G315 OR CALL 543-2572						>2776 A 1 TO BE ARRANGED * * KINYOUN, J EC HSB 88825					
CONJ 698P P-FOREIGN MED CLERK						MICROM 496 UNDERGRAD LIBR RSCH						ORTHOPEDICS					
>1480 A VAR TO BE ARRANGED * *						>2536 A 2 TO BE ARRANGED * *						ENTRY CODES ARE AVAILABLE IN HSB 881033					
INSTRUCTOR I.D. HSA A320 SCHOOL OF MED RESP						CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. HSD G315 OR CALL 543-2572						ORTHOP 498 UNDERGRAD THESIS					
CONJ 699P P-CLIN CLERKSHIPS						MICROM 499 UNDERGRAD LAB RSCH						>2885 A VAR TO BE ARRANGED * *					
1481 A VAR TO BE ARRANGED * *						>2537 B 2 TO BE ARRANGED * *						ORTHOP 499 UNDERGRAD RESEARCH					
ONLY MAJORS FROM MED COLLEGE MED, MED C MAJORS ONLY						CREDIT/NO CREDIT ONLY MEETS WRITING COURSE REQUIREMENT INSTRUCTOR I.D. HSD G315 OR CALL 543-2572						>2886 A VAR TO BE ARRANGED * *					
MEDICINE						MICROM 500 INTRO TO RESEARCH						ORTHOP 505P P-PRECEPT ORTHP					
ENTRY CODES ARE AVAILABLE IN HSR RR513						>2540 A VAR TO BE ARRANGED * *						>2887 A 1 TO BE ARRANGED * *					
MED 498 UNDERGRAD THESIS						CREDIT/NO CREDIT ONLY INSTRUCTOR I.D. HSD G315 OR CALL 543-2572											
>2481 A VAR TO BE ARRANGED * *						MICROM 527 GENE REGULATION											
INSTRUCTOR I.D. HSB 88527D						2541 A 1 TO BE ARRANGED * * HUGHES, K CREDIT/NO CREDIT ONLY GRADS ONLY											
MED 499 UNDERGRAD RESEARCH						MICROM 528 SALMONELLA GENETICS											
>2482 A VAR TO BE ARRANGED * *						2542 A 1 TO BE ARRANGED * * HUGHES, K CREDIT/NO CREDIT ONLY GRADS ONLY											
INSTRUCTOR I.D. HSB 88527D																	
MED 505P P-PRECEP IN MED																	
>2483 A 1 TO BE ARRANGED * *																	
CREDIT/NO CREDIT ONLY EC HSB 88527D																	
MED 536 TOPICS CLIN NEUROL																	
>2484 A 1 Th 400-600 HST T360 LONGSTRETH CREDIT/NO CREDIT ONLY EC HSB 88527D																	
SWANSON, P																	
MED 642P P-CLINICAL ONCOLOGY																	
2489 A 8 TO BE ARRANGED * *																	
NEUROLOGICAL SURGERY																	
ENTRY CODES ARE AVAILABLE IN HSR RR744																	
NEUR S 498 UNDERGRAD THESIS																	
>2690 A VAR TO BE ARRANGED * *																	
WINN, H																	

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLP = Visual, literary and performing arts
 I&S = Individuals and societies
 NW = Natural world
 QSR = Quantitative, symbolic or formal reasoning
 C = English composition

H = Honors course
 > Limited enrollment in this section. Students must obtain entry code or faculty number.
 % New course

PD1 = Period I (May 1-26)
 PD2 = Period II (May 30-June 18)
 PD3 = Period III (June 19-30)
 PD4 = Period IV (July 3-Aug. 6)

DEPT COURSE TITLE
SLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
SLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
SLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

OTOLARYNGOLOGY, HEAD & NECK SURGERY

ENTRY CODES ARE AVAILABLE IN HSB B81165

OTOHN 498 UNDERGRAD THESIS
>2897 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSB B1165

OTOHN 499 UNDERGRAD RESEARCH
>2898 A VAR TO BE ARRANGED * *

PATHOLOGY

PATH 498 UNDERGRAD THESIS
>2921 A VAR TO BE ARRANGED * *

PATH-499 UNDERGRAD RESEARCH
>2922 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSA C516

PATH 501 CELLULAR RESP INJ
2923 A 3 TO BE ARRANGED * *

PATH 507 CELL PATHOLOGY
>2924 A 2 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
MOLECULAR BIOLOGY OF DISEASE

PATH 551 EXPR & MOLEC PATH
>2925 A 2-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC HSA C516

PATH 552 CONTEMP ANAT PATH
2926 A 2-5 TO BE ARRANGED * * SCHWARTZ,
CREDIT/NO CREDIT ONLY

PATH 563 NEUROPATHOLOGY
2927 A VAR TO BE ARRANGED * * SHAW, C
CREDIT/NO CREDIT ONLY ALVORD, E
PERM BY INSTR

PATH 564 NEUROPATH BRN MOD
>2928 A 4 TO BE ARRANGED * * ALVORD, E
CREDIT/NO CREDIT ONLY
EC HSA C516

PATH 584 NEURP BRN NDJ LAB
>2929 A 4 TO BE ARRANGED * * ALVORD, E
EC HSA C516

PATH 600 INDEPNNT STDY/RSCH
>2930 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. HSA C516

PATH 700 MASTERS THESIS
>2944 A VAR TO BE ARRANGED * *
PERM BY INSTR

PATH 800 DOCTORAL DISSERTATN
>2945 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSA C516
PERM BY INSTR

PEDIATRICS

ENTRY CODES ARE AVAILABLE IN HSR RR314

PEDS 498 UNDERGRAD THESIS
>3009 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSR RR314

PEDS 499 UNDERGRAD RESEARCH
>3010 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSR RR314
>3011 B VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC HSR RR314

PEDS 500P P-TOPICS ADOLES MED
3012 A 1 T 800-900 HST T360 SMITH, M
FARROW, J

PEDS 505P P-PRECEP IN PEDS
>3013 A 1 TO BE ARRANGED * *
EC HSR RR314/526-2008

PHARMACOLOGY

PHCOL 498 UNDERGRAD THESIS
>3068 A VAR TO BE ARRANGED * *
DROP CODE REQUIRED
PERM BY INSTR

PHCOL 499 UNDERGRAD RESEARCH
>3069 A VAR TO BE ARRANGED * *
DROP CODE REQUIRED

PHCOL 515 GEN PHARMACOL LAB
>3070 A VAR TO BE ARRANGED * *
FOR CR & PROF STDNTS WHO WANT RSCH
LB EXPERIENCE; PERM OF INSTR

PHCOL 519 INT LAB RES PHCOL
3071 A 4 TO BE ARRANGED * * KREBS, E
PHCOL MAJORS ONLY

PHCOL 600 INDEPNNT STDY/RSCH
>3072 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PHCOL MAJORS ONLY

PHCOL 700 MASTERS THESIS
>3073 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PHCOL MAJORS ONLY

PHCOL 800 DOCTORAL DISSERTATN
>3074 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PHCOL MAJORS ONLY

PHYSIOLOGY & BIOPHYSICS

ENTRY CODES ARE AVAILABLE IN HSD G424

P BIO 498 UNDERGRAD THESIS
>2903 A VAR TO BE ARRANGED * *
EC HSD G424; INSTR PERM ONLY

P BIO 499 UNDERGRAD RESEARCH
>2904 A VAR TO BE ARRANGED * *
EC HSD G424; INSTR PERM ONLY

P BIO 503 PHYSIOL INSTRUMENT
2905 A 4 MWF 930-1020 HST T359

P BIO 508 PHYSIOLOGY LAB
>2906 ZN 2-5 TO BE ARRANGED * *
EC HSD G424; PERM OF INSTR

P BIO 520 PHYSIOLOGY SEMINAR
>2907 A VAR TO BE ARRANGED * *
EC HSD G424

P BIO 521 BIOPHYSICS SEMINAR
>2908 A VAR TO BE ARRANGED * *
EC HSD G424

P BIO 522 SEL TOPICS RES PHYS
>2909 A 1-3 TO BE ARRANGED * * HILDEBRANDT
EC HSD G424; PERM OF INSTR

P BIO 527 RDGS ADV PHYS & BIO
>2910 A VAR TO BE ARRANGED * *
EC HSD G424

P BIO 600 INDEPNNT STDY/RSCH
>2911 A 1-9 TO BE ARRANGED * *
P BIO, BEH NR, MED C MAJORS ONLY

P BIO 700 MASTERS THESIS
>2912 A 1-9 TO BE ARRANGED * *
INSTRUCTOR I.D. HSD G424

P BIO 800 DOCTORAL DISSERTATN
>2913 A 1-9 TO BE ARRANGED * *
P BIO, MED C MAJORS ONLY
MSTP P BIO STUDENTS ALSO

PSYCHIATRY & BEHAVIORAL SCIENCES

PBSCI 499 H-UNDERGRAD RESCH
>2954 A VAR TO BE ARRANGED * *
H FACULTY CODES AVAIL FROM PAM JENSEN
HSB BB 1661, CALL 543-3925,
8:30 - 4:30

RADIATION ONCOLOGY

R ONC 499 UNDERGRAD RESEARCH
>3326 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. UMC NN136

R ONC 695P P-CLNCL CA MNGMT
3327 A VAR TO BE ARRANGED * *

RADIOLOGY

RADGY 498 UNDERGRAD THESIS
>3329 A VAR TO BE ARRANGED * * NELSON, J
EC HSR RR210

RADGY 499 UNDERGRAD RESEARCH
>3330 A VAR TO BE ARRANGED * * NELSON, J
EC HSR RR210

RADGY 580P P-NUCLR MED TECH
>3331 A 2.5 TO BE ARRANGED * * NELS, W
EC UMC NN203 GRAHAM, M
KROHN, K
CHESNUT, C
EARY, J

RADGY 600 INDEPNNT STDY/RSCH
>3332 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSR RR210

RADGY 693P P-INTRO CLIN RAD
3333 A 4 TO BE ARRANGED * * SCHULTE, S

RADGY 694P P-ADV CLIN CLERK
3334 A 8 TO BE ARRANGED * * SCHULTE, S

REHABILITATION MED

ENTRY CODES ARE AVAILABLE IN UMC CC902

REHAB 413 SPEC STDY PT
>3337 A 1-15 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. UMC CC902
3338 B 2 TTH 200-320 HSB B1602 GUTHRIE, M
CREDIT/NO CREDIT ONLY
ONLY MAJORS FROM MED COLLEGE
P T MAJORS ONLY
>3339 ZA 1-5 TO BE ARRANGED * * GUTHRIE, M
CREDIT/NO CREDIT ONLY
EC UMC CC902

REHAB 420 LOW EXTRM PROSTH I
3340 A 8 MTWTF 830-1150 HSB B8904 DRALLE, A
MF 100-450 HSB B8904
TWT 300-450 HSB B1404
ONLY MAJORS FROM MED COLLEGE
PR O MAJORS ONLY

REHAB 427 APPLIED P&O I
3341 A 1 W 100-200 HSB B8904 DRALLE, A
ONLY MAJORS FROM MED COLLEGE
PR O MAJORS ONLY

REHAB 430 ADV LIMS PROS ENG
3342 A 4 TTH 100-250 HSB B8904 YAMANE, A
ONLY MAJORS FROM MED COLLEGE OKUMURA, R
PR O MAJORS ONLY

REHAB 471 THERA EX PROCED I
3343 AA 5 TTH 1200-150 HSD E216 TROTTER, M
MW 1030-120 HSB B8912
MW 1030-120 HSB B8916
ONLY MAJORS FROM MED COLLEGE
P T MAJORS ONLY

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

PARENT & CHILD NURSING

PCN 509 WOMEN'S HEALTH
>2975 A 3 F 1230-320 HST T531 WOODS,N
EC HST T436 COCHRANE,B

PCN 511 NEONATAL NURSING
>2976 A 3 F 830-1200 HST T474 BLACKBURN,S
OFFERED JOINTLY WITH PCN 516 A
EC HST T436

PCN 512 PCN ADV PRACTICUM
>2977 A 2-12 TO BE ARRANGED * * SWANSON,K
TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC HST T436

>2978 B 2-12 TO BE ARRANGED * * SWANSON,K
TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC HST T436

2979 C 2-12 T 930-1050 HST T419 MAGYARY,D
CREDIT/NO CREDIT ONLY

>2980 G 2-12 TO BE ARRANGED * *
TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC HST T436

PCN 516 ACUTELY ILL CHILD
>2981 A 3 F 830-1200 HST T474 THOMAS,K
OFFERED JOINTLY WITH PCN 511 A
EC HST T436

PCN 519 PED PULMONARY NURS
>2982 A 2 F 1030-1230 HSD E216 RATCLIFFE,M
EC HST T436

PCN 532 PROF ISSUES PCN
>2983 A 2-3 T 100-300 HST T530 EYRES,S
EC HST T436

>2984 B 2-3 TO BE ARRANGED * * CARR,C
EC HST T436

PCN 542 CHILDBEARING I
2985 A 4 TO BE ARRANGED * * LUTZ,L
EC HST T436

PCN 573 SEL TOPICS IN PCN
>2986 S 4 TTh 930-1130 HST T360A MITCHELL,E
EC HST T436; ADVANCED TOPICS IN MACLAAREN,A
WOMENS HLTH CARE

PCN 600 INDEPNNT STDY/RSCH
>2987 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. HST T436

PCN 700 MASTERS THESIS
>2988 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. HST T436

PHYSIOLOGICAL NURSING

ENTRY CODES ARE AVAILABLE IN HST T617

PN 504 CLIN THERAPEUTICS
3155 A 3 T 830-1150 HST T359A HEITKEMPER
CUNNINGHAM

PN 510 CURRIC DEV IN N ED
3156 A 3 W 830-1150 HST T473 LOUSTAU,A

PN 544 CL PHYS N SEN II
3157 A 1-10 T 110-320 HST T616 BOND,E
ACUTE/CRITICAL CARE, PLUS 7 HRS *

3158 B 1-10 T 110-320 HST T616A
ACUTE/CRITICAL CARE, PLUS 7 HRS *

3159 C 1-10 T 110-320 HST T474 CALLUCCI,B
AOA PRIMARY CARE, PLUS 7 HRS *

3160 E 1-10 T 110-320 HST T525 CHRISTIANSON
AOA PRIMARY CARE

3161 F 1-10 T 930-1140 HST T616 KEARNES,D
AOA PRIMARY CARE

PN 550 SEN NEUROSCI NURSIN
3162 A 3 W 830-1150 HST T474 MITCHELL,P

PN 561 PAIN MANAGEMENT
3163 A 3 W 110-420 HST T658 WILKIE,D
X

PN 600 INDEPNNT STDY/RSCH
>3164 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. HST T617

PN 700 MASTERS THESIS
>3165 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. HST T617

PSYCHOSOCIAL NURSING

PSN 505 TOP PSYCHOSOC NURS
3226 C 3 T 900-1200 HST T408 ELMORE,S
BIOLOGIC INTERVENTIONS

3227 D 2 TO BE ARRANGED * * BETRUS,P
CREDIT/NO CREDIT ONLY BURR,R

>3228 H 2-10 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
NURS MAJORS ONLY
INSTRUCTOR I.D. HST T403
ADVANCE PRACTICE

PSN 509 VIOLENCE & AGGRESSN
3229 A 3 W 100-400 HST T663 BETRUS,P

PSN 513 SEM GROUP TREATMENT
3230 A 3 T 1200-300 HST T658 MURPHY,S

PSN 515 MEMORY AND HEALTH
3231 A 3 Th 900-1200 HST T657 WOLF-WILETS

PSN 553 ASSESSMENT IN PSN
3232 A 3 W 900-1200 HST T657 THOMAS,M

PSN 555 ADV CLIN THERAPEUT
3233 A 4 W 130-330 * * EGGERT,L

PSN 565 SELFROENT IN PT CARE
3234 A 3 W 415-715 HST T474 KOGAN,H

PSN 569 CONS HUM SERV SYSTEM
>3235 A 3 TO BE ARRANGED * * OSBORNE,O
TERM A
EC HST T403

PSN 600 INDEPNNT STDY/RSCH
>3236 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. HST T403

PSN 700 MASTERS THESIS
>3237 A 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. HST T403

COLLEGE OF OCEAN & FISHERY SCIENCES

FISHERIES, DEPARTMENT OF

FISHERIES

FISH 101 INTRO FISHERIES SCI (NW)
2031 A 5 MTWThF 830-930 FIS 201

FISH 498 INTERNSHIP
>2032 A 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

FISH 499 UNDERGRAD RESEARCH
>2033 B 1-5 TO BE ARRANGED * *
% SPECIAL PROBLEMS

FISH 501 INTERNSHIP
>2035 A 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

FISH 600 INDEPNNT STDY/RSCH
>2037 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

FISH 700 MASTERS THESIS
>2039 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

FISH 800 DOCTORAL DISSERTATN
>2041 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

FOOD SCIENCE

FD SC 600 INDEPNNT STDY/RSCH
>2021 A VAR TO BE ARRANGED * *

FD SC 700 MASTERS THESIS
>2022 A VAR TO BE ARRANGED * *

SCHOOL OF MARINE AFFAIRS

ENTRY CODES ARE AVAILABLE IN MAR 105

SMA 499 UNDERGRAD RESEARCH
>3462 A 1-3 TO BE ARRANGED * *
INSTR I.D. MAR 105 OR CALL 543-4326

SMA 600 INDEPNNT STDY/RSCH
>3463 A VAR TO BE ARRANGED * *
INSTR I.D. MAR 105 OR CALL 543-4326

>3464 B VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTR I.D. MAR 105 OR CALL 543-4326

SMA 700 MASTERS THESIS
>3465 A VAR TO BE ARRANGED * *
INSTR I.D. MAR 105 OR CALL 543-4326

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 SURVEY OCEANOGRAPHY (NW)
2763 AA 5 MTWTh 940-1040 OTB 014 STRICKLAND
F 940-1040 OTB 014
2764 U 5 TTh 700-940P OTB 014 STRICKLAND

OCEAN 499 UNDERGRAD RESEARCH
>2765 A 1-12 TO BE ARRANGED * *
INSTRUCTOR I.D. OTB 108

OCEAN 600 INDEPNNT STDY/RSCH
>2768 A VAR TO BE ARRANGED * *
GRADS ONLY
OCEAN MAJORS ONLY
OTHERS BY PERM

OCEAN 700 MASTERS THESIS
>2770 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. OTB 108

OCEAN 800 DOCTORAL DISSERTATN
>2772 A VAR TO BE ARRANGED * *
GRADS ONLY
OCEAN MAJORS ONLY
OTHERS BY PERM

SCHOOL OF PHARMACY

SCHOOL OF PHARMACY

MEDICINAL CHEMISTRY

MEDCH 499 UNDERGRAD RESEARCH
>2514 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSD H362

MEDCH 600 INDEPNNT STDY/RSCH
>2515 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

MEDCH 700 MASTERS THESIS
>2516 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

MEDCH 800 DOCTORAL DISSERTATN
>2517 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

PHARMACEUTICS

PCEUT 499 UNDERGRAD RESEARCH
>2971 A VAR TO BE ARRANGED * *
INSTRUCTOR I.D. HSD H362

DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR
SLM	SECTION	CRD	DAY	TIME	COMMENTS	SLM	SECTION	CRD	DAY	TIME	COMMENTS	SLM	SECTION	CRD	DAY	TIME	COMMENTS
SPEC	CODE					SPEC	CODE					SPEC	CODE				
PHARMACEUTICS Continued						BIOST 578 SPEC TOP ADV BIOST						ENV H 600 INDEPENDNT STDY/RSCH					
>2972 A 1-9 TO BE ARRANGED * *						1265 A 3 TTh 830-1040 HST T531 OFFERED JOINTLY WITH STAT 578 A CREDIT/NO CREDIT ONLY						>1939 A VAR TO BE ARRANGED * *					
PCEUT 700 MASTERS THESIS						1266 B 3 TTh 1200-120 HST T531 OFFERED JOINTLY WITH STAT 578 B CREDIT/NO CREDIT ONLY						ENV H 700 MASTERS THESIS					
>2973 A 1-9 TO BE ARRANGED * *						1267 C 3 MW 200-400 HST T359 FISHER, L OFFERED JOINTLY WITH STAT 578 C CREDIT/NO CREDIT ONLY						>1941 A VAR TO BE ARRANGED * *					
PCEUT 800 DOCTORAL DISSERTATN						1268 D 3 MW 1100-1220 HST T530 OFFERED JOINTLY WITH STAT 578 D EC PDL B309; NEW DRUG EVALS						ENV H 800 DOCTORAL DISSERTATN					
>2974 A 1-9 TO BE ARRANGED * *						BIOST 590 BIOSTAT CONSULTING						>1942 A VAR TO BE ARRANGED * *					
CREDIT/NO CREDIT ONLY						>1269 A VAR TO BE ARRANGED * *						CREDIT/NO CREDIT ONLY					
						BIOST 593 CANCER PREVENTN LAB						EPIDEMIOLOGY					
PHARMACY						>1270 ZN 3 TO BE ARRANGED * *						EPI 497 EPI SPEC ELECTVS					
PHARM 305 CLIN DISPENS PHARM						OFFERED JOINTLY WITH EPI 593 ZN PERM OF INSTR						>1945 A VAR TO BE ARRANGED * *					
>3055 A 3 TO BE ARRANGED * *						BIOST 600 INDEPENDNT STDY/RSCH						CREDIT/NO CREDIT ONLY					
EC HSD H362						>1271 A VAR TO BE ARRANGED * *						INSTRUCTOR I.D. HSD F342					
CREDIT/NO CREDIT ONLY						INSTRUCTOR I.D. HSD F600						MED STUDENTS ONLY					
PHARM 470 COMMUNITY PRACTICUM						BIOST 700 MASTERS THESIS						EPI 499 UNDERGRAD RESEARCH					
3056 A 8 TO BE ARRANGED * *						>1272 A VAR TO BE ARRANGED * *						>1946 A VAR TO BE ARRANGED * *					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY					
PHARM 471 INST DIST PRACTICUM						BIOST 800 DOCTORAL DISSERTATN						INSTRUCTOR I.D. HSD F342					
3057 A 4 TO BE ARRANGED * *						>1273 A VAR TO BE ARRANGED * *						EPI 525 TOPICS IN PREV MED					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						1948 A 2 MTh 230-430 HST T474 FOY, H					
PHARM 486 INST CLIN PRACTICUM						INSTRUCTOR I.D. HSD F600 (MS STUDENTS ONLY)						OFFERED JOINTLY WITH HSERV 505 A					
3058 A 4 TO BE ARRANGED * *						BIOST 800 DOCTORAL DISSERTATN						CREDIT/NO CREDIT ONLY					
PHARM MAJORS ONLY						>1273 A VAR TO BE ARRANGED * *						7/5 - 8/11					
PHARM 487 ADV CLIN PRACTICUM						CREDIT/NO CREDIT ONLY						EPI 527 PRACTL ISSUES EPID					
>3059 A 4 TO BE ARRANGED * *						INSTRUCTOR I.D. HSD F600 (PH D STUDENTS ONLY)						1949 A 2 Th 1030-1230 HST T530 VAUGHAN, T					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY					
PHARM 488 ELECT ADV PRACTICUM						INSTRUCTOR I.D. HSD F600						7/05 - 8/11					
>3060 A 1-16 TO BE ARRANGED * *						BIOST 800 DOCTORAL DISSERTATN						EPI 531 PROB INTERNATL HLTH					
PHARM MAJORS ONLY						>1273 A VAR TO BE ARRANGED * *						>1950 A 4 MTh 830-950 HSD E214 CLOYD, S					
EC HSD H362						CREDIT/NO CREDIT ONLY						X 7/05 - 8/11					
PHARM 489 DRUG INFORMATION						INSTRUCTOR I.D. HSD F600						EPI 542 CLINICAL EPI					
>3061 A 4-8 TO BE ARRANGED * *						PH D STUDENTS ONLY						1951 A 2 W 1030-1220 HST T531 WEISS, N					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						TERM B					
EC HSD H362						CREDIT/NO CREDIT ONLY						7/05 - 8/11					
PHARM 493 LITERATURE EVAL						CREDIT/NO CREDIT ONLY						EPI 592 PROGRAM SEMINARS					
>3062 A 2 TTh 500-700P HST T478 O SULLIVAN						CREDIT/NO CREDIT ONLY						>1952 F 1 M 1230-150 HST T530 CLOYD, S					
EC HSD H362						CREDIT/NO CREDIT ONLY						OFFERED JOINTLY WITH HSERV 592 F					
PHARM 495 SPEC STUDIES PHARM						CREDIT/NO CREDIT ONLY						GISH, O					
>3063 A VAR TO BE ARRANGED * *						CREDIT/NO CREDIT ONLY						INT'L HLTH PROG; TERM A&B					
EC HSD H362						CREDIT/NO CREDIT ONLY						EPI 593 CANCER PREVENTN LAB					
PHARM 499 UNDERGRAD RESEARCH						CREDIT/NO CREDIT ONLY						>1953 ZN 3 TO BE ARRANGED * *					
>3064 A VAR TO BE ARRANGED * *						CREDIT/NO CREDIT ONLY						OFFERED JOINTLY WITH BIOST 593 ZN					
CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY						EC HSD F342					
INSTRUCTOR I.D. HSD H362						CREDIT/NO CREDIT ONLY						EPI 600 INDEPENDNT STDY/RSCH					
PHARM 501 ORIENT PHARM D						CREDIT/NO CREDIT ONLY						>1954 A VAR TO BE ARRANGED * *					
3065 A 2 TO BE ARRANGED * *						CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						INSTRUCTOR I.D. HSD F342					
PHARM 587 ADV CLIN CLERKSHIP						CREDIT/NO CREDIT ONLY						EPI 700 MASTERS THESIS					
3066 A 1-15 TO BE ARRANGED * *						CREDIT/NO CREDIT ONLY						>1955 A VAR TO BE ARRANGED * *					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY					
PHARM 600 INDEPENDNT STDY/RSCH						CREDIT/NO CREDIT ONLY						INSTRUCTOR I.D. HSD F342					
>3067 A 1-9 TO BE ARRANGED * *						CREDIT/NO CREDIT ONLY						EPI 800 DOCTORAL DISSERTATN					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						>1956 A VAR TO BE ARRANGED * *					
CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY						CREDIT/NO CREDIT ONLY					
PHARM MAJORS ONLY						CREDIT/NO CREDIT ONLY						INSTRUCTOR I.D. HSD F342					
SCHOOL OF PUBLIC HEALTH & COMMUNITY MED						ENVIRONMENTAL HEALTH						HEALTH SERVICES					
BIOSTATISTICS						ENTRY CODES ARE AVAILABLE IN HSD F461						ENTRY CODES ARE AVAILABLE IN HSD F346					
BIOST 511 MED BIOMETRY I						ENV H 480 ENVRMTL HLTH PROBS						HSERV 475 PERSPECTS MED ANTH (I&S)					
1264 A 4 MTWThF 1000-1230 HST T625						>1928 A VAR TO BE ARRANGED * *						2158 A 5 MTWThF 940-1140 SAV 142 MCGRATH, B					
EC HSD F600; 7/5 - 8/12						ENV H MAJORS ONLY						TERM A					
						EC AVAILABLE IN HST T329						OFFERED JOINTLY WITH ANTH 475 A					
						ENV H 482 EH INTERNSHIP						JUNIORS, SENIORS, GRADS ONLY					
						1929 A 3-15 TO BE ARRANGED * *						HSERV 505 TOPICS IN PREV MED					
						CREDIT/NO CREDIT ONLY						2161 A 2 MTh 230-430 HST T474 FOY, H					
						ENV H MAJORS ONLY						OFFERED JOINTLY WITH EPI 525 A					
						ENV H 499 UNDERGRAD RESEARCH						CREDIT/NO CREDIT ONLY					
						>1930 A VAR TO BE ARRANGED * *						GRADS ONLY					
						ENV H 512 HAZARDOUS WASTE						7/5 - 8/11					
						1932 A 3 M&F 940-1040 HST T474A DE WALLE, F											
						ENV H 520 BIO EFF IONZ RAD											
						1933 A 3 TTh 940-1110 HST T360											
						ENV H 590 SELECTED TOPICS											
						>1934 A 1-6 TO BE ARRANGED * *											
						CREDIT/NO CREDIT ONLY											
						1935 B 2 MW 100-200 HST T474 DE WALLE, F											
						CREDIT/NO CREDIT ONLY											
						APP INFORMATICS EH											
						ENV H 595 RESEARCH ROTATION											
						>1936 A 3 TO BE ARRANGED * *											
						ENV H 599 FIELD STUDIES											
						>1937 A 2-6 TO BE ARRANGED * *											
						CREDIT/NO CREDIT ONLY											
						GRADS ONLY											
						ENVH/PC MAJORS ONLY											
						1938 B 2-6 TO BE ARRANGED * *											
						CREDIT/NO CREDIT ONLY											
						OCCUPATIONAL MEDICINE CLINIC											
						OCC MED FELLOWS ONLY											

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

- VLPA = Visual, literary and performing arts
- I&S = Individuals and societies
- NW = Natural world
- QSR = Quantitative, symbolic or formal reasoning
- C = English composition
- H = Honors course
- > = Limited enrollment in this section. Students must obtain entry code or faculty number.
- % = New course
- PD1 = Period I (May 1-26)
- PD2 = Period II (May 30-June 18)
- PD3 = Period III (June 19-30)
- PD4 = Period IV (July 3-Aug. 6)

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

DEPT COURSE TITLE
BLN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS

HEALTH SERVICES Continued

HSERV 511 INTRO TO HLTH SVCS
>2162 C 3 MTh 830-950 HSD E212
7/5-8/4

HSERV 512 INTRO NGMT HSERV
>2163 C 3 MTh 1230-330 HST T478
CREDIT/NO CREDIT ONLY
ENTRY CODES REQUIRED TO BE GIVEN
OUT BY CLINICAL SCHOLARS PROGRAM
OFFICE; 7/05 - 7/27

HSERV 531 PROB INTERNATL HLTH
>2164 A 4 MTh 830-950 HSD E214 GLOYD,S
7/5 - 8/18

HSERV 592 PROGRAM SEMINARS
>2172 F 1 M 1230-150 HST T530 GLOYD,S
OFFERED JOINTLY WITH EPI 592 F KISH,O
CREDIT/NO CREDIT ONLY KIMBALL,A
BEZRUCHKA,S

HSERV 595 FIELDWORK IN COMM H
>2173 A 1-12 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

HSERV 596 MHA FIELD PROJECT
>2174 A 3-6 TO BE ARRANGED * *

HSERV 597 INT HLTH PROJECT
>2175 A 12 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

HSERV 600 INDEPNNT STDY/RSCH
>2177 A VAR TO BE ARRANGED * *

HSERV 700 MASTERS THESIS
>2179 A VAR TO BE ARRANGED * *

PATHOBIOLOGY

ENTRY CODES ARE AVAILABLE IN HSD F167

PABIO 499 UNDERGRAD RESEARCH
>2914 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY

PABIO 511 PATHOBIOLOGICAL FRONTIERS
>2915 A 2 MTh 1130-1220 HST T635 KENNY,G
TERM A
CREDIT/NO CREDIT ONLY
EC HSD F143; 6/21 - 7/21

PABIO 583 MEMBRANE SEMINARS
>2916 A 1 Th 400-550 HSD E214 HAKOMORI,S
F 400-600 HSD E214 HAKOMORI,S
EC HSD F143
BIOMEMBRANE INSTITUTE (OFF-SITE)

PABIO 590 SELECTED TOPICS
>2917 A 1-6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
EC HSD F143

PABIO 600 INDEPNNT STDY/RSCH
>2918 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. HSD F143

PABIO 700 MASTERS THESIS
>2919 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. HSD F143

PABIO 800 DOCTORAL DISSERTATN
>2920 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. HSD F143

SCHOOL OF PUBLIC AFFAIRS

PUBLIC AFFAIRS

PB AF 504 ADMIN ETHICS
>2946 A 3 M 700-920P DEN 310 GRIMALDI,M
TERM A
EC PAR 208

PB AF 595 TOPICS ENV POL NGMT
>2947 U 3 M 600-820P DEN 310 ROSS,W
TERM B
EC PAR 208; PUBLIC RESPONSIBILITIES
& PRIVATE CHOICES: EMERGING
ENVIRONMENTAL APPROACHES

PB AF 598 SKILLS WORKSHOP
>2948 U 1 W 600-820P SMI 111 SHADOW,M
TERM A
CREDIT/NO CREDIT ONLY
EC PAR 208; ORAL COMMUNICATION FOR
PUBLIC ADMINISTRATORS; 6/21, 28,
7/5, 12, 19 ONLY

>2949 V 1 M 430-650P SMI 109 HARTE,H
TERM A
CREDIT/NO CREDIT ONLY
EC PAR 208; TOTAL QUALITY MANAGEMENT
6/19,21,26,28 ONLY

>2950 W 1 TTh 430-650P SMI 109 IGLITZIN,L
TERM A
CREDIT/NO CREDIT ONLY
EC PAR 208; BOARD & VOLUNTEER RELA-
TIONS FOR NON-PROFIT ORGANIZATIONS
6/20, 22, 27, 29 ONLY

PB AF 599 SPECIAL TOPICS
>2951 A 3 TTh 700-920P DEN 310 HINMAN,J
TERM A
EC PAR 208; MEDIA RELATIONS

PB AF 600 INDEPNNT STDY/RSCH
>2952 A VAR TO BE ARRANGED * *
GRADS ONLY
INSTRUCTOR I.D. PAR 208

PB AF 605 DEGREE PROJECT
>2953 A 1-6 TO BE ARRANGED * *
PB AF MAJORS ONLY
INSTRUCTOR I.D. PAR 208

SCHOOL OF SOCIAL WORK

STUDENTS MUST OBTAIN PERMISSION FROM INSTRUCTOR
FOR AN OVERLOAD, THEN PROCEED TO SWS 23C FOR AN
ENTRY CODE

SOCIAL WORK

SOCIAL WELFARE

ENTRY CODES ARE AVAILABLE IN SWS 023E

SOC WL 582 RESEARCH PRACTICUM
>3502 A 1-3 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC WL MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

SOC WL 583 RESEARCH PRACTICUM
>3503 A 1-3 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC WL MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

SOC WL 584 TEACHING PRACTICUM
>3504 A 3 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC WL MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

SOC WL 600 INDEPNNT STDY/RSCH
>3505 A VAR TO BE ARRANGED * *
SOC WL MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

SOC WL 800 DOCTORAL DISSERTATN
>3506 A 1-9 TO BE ARRANGED * *
SOC WL MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

SOCIAL WELFARE

SOC WF 409 SOCL WLFER READINGS
>3501 A 1-5 TO BE ARRANGED * *
SOC WF MAJORS ONLY
INSTRUCTORS I.D. SWS 023C

SOCIAL WORK (MSW)

SOC W 515 FOUNDATION PRACT
3492 A 4 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC W MAJORS ONLY
HANNEMAN,C
ROBERTS,E
WRENN,R

3493 B 1-8 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC W MAJORS ONLY
HANNEMAN,C
ROBERTS,E
WRENN,R

3494 U 1-8 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC W MAJORS ONLY
DELONG,J

SOC W 525 ADVANCED PRACTICUM
3495 A 6 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC W MAJORS ONLY
HANNEMAN,C
ROBERTS,E
WRENN,R

3496 B 2-10 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC W MAJORS ONLY
HANNEMAN,C
ROBERTS,E
WRENN,R

3497 U 2-10 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
SOC W MAJORS ONLY
DELONG,J

SOC W 599 READ IN SOC WORK
>3498 A VAR TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
INSTRUCTOR I.D. SWS 023C

SOC W 600 INDEPNNT STDY/RSCH
>3499 A VAR TO BE ARRANGED * *
SOC W MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

SOC W 700 MASTERS THESIS
>3500 A VAR TO BE ARRANGED * *
SOC W MAJORS ONLY
INSTRUCTOR I.D. SWS 023C

FRIDAY HARBOR LABORATORIES

COLLEGE OF ARTS & SCIENCES

BOTANY

BOTANY 545 MARINE PHYCOLOGY
1281 A 9 MTh 800-500 * *
Sat. 800-1150 * *
PERM BY INSTR; FRIDAY HARBOR LABS
6/12 - 7/15
STILLER,J
WYNE,M
STILLER,J
WYNE,M

BOTANY 600 INDEPNNT STDY/RSCH
>1286 B 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PERM BY INSTR; FRIDAY HARBOR LABS

BOTANY 700 MASTERS THESIS
>1288 B 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PERM BY INSTR; FRIDAY HARBOR LABS

BOTANY 800 DOCTORAL DISSERTATN
>1290 B 1-9 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
PERM BY INSTR; FRIDAY HARBOR LABS

ZOOLOGY

ZOOL 432 MARINE INVERT ZOOL (NW)
3741 B 9 MTh 800-500 * *
Sat. 800-1150 * *
TERM A
PERM BY INSTR; FRIDAY HARBOR LABS
6/12 - 7/15
RUPPERT,K
SHINN,G

ZOOL 498 SPEC PROB IN ZOOL
3745 B 1-5 TO BE ARRANGED * *
PERM BY INSTR; FRIDAY HARBOR LABS

Summer Quarter Time Schedule

DEPT COURSE TITLE	DEPT COURSE TITLE	DEPT COURSE TITLE
SUN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR	SUN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR	SUN SECTION CRD DAY TIME BLDG ROOM INSTRUCTOR
SPEC CODE COMMENTS	SPEC CODE COMMENTS	SPEC CODE COMMENTS
ZOOLOGY Continued		
ZOOL 533 ADV INVERT ZOOLOG 3746 B 9 MTWThF 800-500 * * COOPER, M DANILCHIK, M Sat. 800-1150 * * PERM BY INSTR; FRIDAY HARBOR LABS 7/17 - 8/19; EXPERIMENTAL CELL BIOLOGY	OCEAN 700 MASTERS THESIS >2771 B VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY FRIDAY HARBOR LABS; PERM BY INSTR	COMMUNICATIONS
ZOOL 536 COMP INVERT EMBRYOL 3747 B 9 MTWThF 900-600 * * LAMBERT, C STRICKER, S Sat. 800-1150 * *	OCEAN 800 DOCTORAL DISSERTATION >2773 B VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY FRIDAY HARBOR LABS; PERM BY INSTR	CHUJ 202 PHENOMENA OF CHUJ (I&S) 3886 YA 5 TTh 630-720P CHUJ 104 ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)
COLLEGE OF OCEAN & FISHERY SCIENCES		
FISHERIES		
FISH 499 UNDERGRAD RESEARCH 2034 S 1-2 Th 700-900 * * DE ROOS, C % MARINE SCIENCE & CONTEMP ENVIRON LABS; PERM BY INSTR; FRIDAY HARBOR LABS; 7/17 - 8/19	INTERSCHOOL OR INTERCOLLEGE PROGRAMS	ENGLISH
FISH 507 SPEC PROB IN FISH 3906 B 1-2 Th 700-900 * * DERROOS, C PERM BY INSTR; FRIDAY HARBOR LABS MARINE SCIENCE & CONTEMPORARY LAW 7/17 - 8/19	RESERVE OFFICERS TRAINING CORPS	ENGL 324 SHAKESPEAR AFT 1603 (VLPA) 3887 YA 5 MW 700-940P THO 235 WEBSTER, J ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) ADD CODE REQUIRED (PD.3) NO FRESHMEN (PD.3) ADD CODE FROM INSTRUCTOR (PD. 3)
FISH 565 MARINE FISH BIOLOGY 2036 B 9 MTWThF 800-500 * * LIEM, K MILLER, B LIEM, K MILLER, B Sat. 800-1150 * * PERM BY INSTR; FRIDAY HARBOR LABS 7/17-8/19	MILITARY SCIENCE	ENGL 354 EARLY MOD AM LIT (VLPA) 3888 YA 5 TTh 700-940P THO 335 WATKINS, E ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) ADD CODE REQUIRED (PD.3) NO FRESHMEN (PD.3) ADD CODE FROM INSTRUCTOR (PD. 3)
FISH 600 INDEPENDNT STDY/RSCH >2038 B VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY PERM BY INSTR; FRIDAY HARBOR LABS	M SCI 305 TECH MILITARY INSTR >2398 A 3 MTh 830-930 CLK 120 MORRIS, D DROP CODE REQUIRED NO FRESHMEN, SOPHOMRS 2399 B 3 MTh 1050-1150 CLK 120 MORRIS, D 2400 C 3 MWF 110-210 CLK 120 MORRIS, D	GEOGRAPHY
FISH 700 MASTERS THESIS >2040 B VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY PERM BY INSTR; FRIDAY HARBOR LABS	EVENING DEGREE PROGRAM	GEOG 349 GEOG INTRNATL TRADE (I&S) 3889 YA 5 TTh 700-940P SHI 407 ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)
FISH 800 DOCTORAL DISSERTATION >2042 B 1-9 TO BE ARRANGED * * CREDIT/NO CREDIT ONLY PERM BY INSTR; FRIDAY HARBOR LABS	ADMITTED TO THE EVENING DEGREE PROGRAM. EVENING DEGREE STUDENTS MAY ENROLL IN THESE COURSES DURING REGISTRATION PERIODS I, II, AND III. ACADEMIC ADVISING SHOULD BE COMPLETED PRIOR TO REGISTRATION (CALL 543-6160).	HISTORY, DEPARTMENT OF
OCEANOGRAPHY		
OCEAN 590 ADV BIOL OCEAN 2766 B 9 MTWThF 800-500 * * PERRY, M MC CORMICK Sat. 800-1150 * * PERM BY INSTR; FRIDAY HARBOR LABS 7/17 - 8/19; OPTICAL OCEANOGRAPHY	ARCHITECTURE & URBAN PLANNING	HISTORY OF ASIA
OCEAN 600 INDEPENDNT STDY/RSCH >2769 B VAR TO BE ARRANGED * * CREDIT/NO CREDIT ONLY FRIDAY HARBOR LABS; PERM BY INSTR	BUILDING CONSTRUCTION	HSTAS 454 HIST NORN CHINA (I&S) 3890 YA 5 MW 700-920P SHI 115 MILES, S ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)
COLLEGE OF ARTS & SCIENCES		
ANTHROPOLOGY		
	B CON 500 DESIGN & CONST LAW 3883 YA 3 MW 530-650P ARC 019 COLDBLATT, S % TERM B ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)	MODERN EUROPEAN HISTORY
	B CON 505 ADV COMP APPLIC 3884 YA 3 MW 700-820P GLD 236 FREDLEY, J % TERM B ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)	HSTEU 304 CLTR HIST REN EUR (I&S) 3891 YA 5 TTh 700-920P SHI 115 ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)
	B CON 600 INDEPENDNT STDY/RSCH 3885 YA VAR TO BE ARRANGED * * % ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)	POLITICAL SCIENCE
	COLLEGE OF ARTS & SCIENCES	POL S 313 WOMEN IN POLITICS (I&S) 3895 YA 5 MW 700-920P SAV 241 STUHLREHER OFFERED JOINTLY WITH WOMEN 313 YA ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)
	ART HISTORY	POL S 447 COMP POLITICS SEM 3897 YA 5 TTh 430-650P SAV 311 MC CRONE, D ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3) CHOOSING WINNERS: ELECTORAL SYSTEMS & DEMOCRACY 3902 YB 5 MW 530-800P SAV 315 KOTTMEYER, W ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)
	ANTH 434 COMP MORALS & VALS (I&S) 3879 YA 3 W 600-830P DEN 216 SPEED, C MEETS WRITING COURSE REQUIREMENT ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)	PSYCHOLOGY
	ART H 202 WEST ART MED & REN (VLPA) 3880 YA 5 TTh 700-920P ART 317 STOREY, A ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)	PSYCH 305 ABNORMAL PSYCHOLOGY (I&S) 3898 YA 5 MW 600-820P CHL 105 DUNCAN, S ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3) PREREQ: 10 CREDITS IN PSYCH TO INCLUDE 101 OR 102 OR EQUIVALENT

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

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I&S = Individuals and societies
NW = Natural world
QSR = Quantitative, symbolic or formal reasoning
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PD3 = Period III (June 19-30)
PD4 = Period IV (July 3-Aug. 6)

University of Washington

DEPT BLM SECTION SPEC CODE	COURSE CRD COMMENTS	TITLE DAY TIME BLDG ROOM	INSTRUCTOR	DEPT BLM SECTION SPEC CODE	COURSE CRD COMMENTS	TITLE DAY TIME BLDG ROOM	INSTRUCTOR	DEPT BLM SECTION SPEC CODE	COURSE CRD COMMENTS	TITLE DAY TIME BLDG ROOM	INSTRUCTOR			
SOCIOLOGY				B BUS 499 UNDERGRAD RESEARCH				BLSIN 390 SPECIAL TOPICS						
SOC 352	THE FAMILY (I&S)	3899 YA 5 TTh 600-820P SAV 313	STEPHENS, L	>3759	A 1-5 TO BE ARRANGED * *			>3794	A 5 TTh 200-545	BL1 *	KOCHIS, B			
ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)				B BUS MAJORS ONLY				OFFERED JOINTLY WITH BLSUS 315 A MUST BE TAKEN IN CONJUNCTION WITH BLSUS 315 DEMOCRATIC CAPITALISM SIX WEEK SESSION JUNE 19 - JULY 28						
SOC 460	SOC DIFFERENTIATION (I&S)	3900 YA 5 MW 600-820P SAV 211	BRINES, J	MANAGEMENT (BOTHHELL CAMPUS)				>3795	B 5 TTh 1000-145	BL1 *	KOCHIS, B			
ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)				B MGMT 450 LDRSHIP & DECISIONING				OFFERED JOINTLY WITH BLSUS 315 B MUST BE TAKEN IN CONJUNCTION WITH BLSUS 315 DEMOCRATIC CAPITALISM SIX WEEK SESSION JUNE 19 - JULY 28						
WOMENS STUDIES				3768 A 5 TTh 530-745P				BL1 *	3796 C 5 MW 600-945P			MAXWELL, N		
WOMEN 313	WOMEN IN POLITICS (I&S)	3901 YA 5 MW 700-920P SAV 241	STUHLREHER	MARKETING (BOTHHELL CAMPUS)				BLSIN 452 MARX, NIETZSCHE, FREUD						
OFFERED JOINTLY WITH POL S 313 YA ONLY MAJORS FROM EV DG COLLEGE (PD.1&2) NO FRESHMEN (PD.3)				B MKTG 460 MARKETING RESEARCH				3797 A 5 MW 600-945P				BEHLER, C		
SCHOOL OF BUSINESS ADMINISTRATION				3769 A 5 TTh 750-1005P				BL1 *	SIX WEEK SESSION JUNE 19 - JULY 28					
BUSINESS ADMINISTRATION, DEPT. OF				EDUCATION (BOTHHELL CAMPUS)				LIBERAL STUDIES (U.S.) BOTHHELL CAMPUS						
BUSINESS COMMUNICATION				B EDUC 520 CUR ISS: MULTCLT ED				BLSUS 315 DEMOCRATIC CAPITALISM						
B CMU 301	BASIC WRITTN BUS CMU	3882 YA 4 MW 730-920P BLM 202	COETHALS, C	>3760	A 3 MTWTF 110-430	MLR 320	TAYLOR, Q	>3798	A 5 TTh 1000-145	BL1 *	JACOBY, D			
NO FRESHMEN, SOPHMRS BUS E MAJORS ONLY ADD CODE REQUIRED (PD.3)				TERM A				OFFERED JOINTLY WITH BLSIN 390 A SIX WEEK SESSION JUNE 19 - JULY 28 MUST BE TAKEN IN CONJUNCTION WITH BLSIN 390 SPECIAL TOPICS: DEMO- CRATIC PROSPECTS FOR EASTERN EUROPE						
INTERNATIONAL BUSINESS				OFFERED JOINTLY WITH EDC&I 505 D DROP CODE REQUIRED				>3799 B 5 TTh 200-545				BL1 *	JACOBY, D	
I BUS 300	INTL ENVRT BUSNS	3892 YA 5 MW 530-720P BLM 214	GLASSMAN, D	B EDUC 534 PROCESS WRITE CURRC				OFFERED JOINTLY WITH BLSIN 390 B SIX WEEK SESSION JUNE 19 - JULY 28 MUST BE TAKEN IN CONJUNCTION WITH BLSIN 390 SPECIAL TOPICS: DEMO- CRATIC PROSPECTS FOR EASTERN EUROPE						
NO FRESHMEN, SOPHMRS BUS E MAJORS ONLY ADD CODE REQUIRED (PD.3)				>3761				A 3 TO BE ARRANGED * *	ROMERDAHL, N					
MARKETING				B EDUC 551 ORGNZTNL CHNG REFRM				BLSUS 353 GETTING ACROSS AMER						
MKTG 301	MARKETING CONCEPTS	3893 YA 4 TTh 530-730P BLM 209	BRUNEL, F	>3762	A 3 TO BE ARRANGED * *		MILLS, D	3800	A 5 TTh 600-945P	BL1 *	SANCHEZ, R			
NO FRESHMEN, SOPHMRS BUS E MAJORS ONLY ADD CODE REQUIRED (PD.3)				DROP CODE REQUIRED				SIX WEEK SESSION JUNE 19 - JULY 28						
ORGANIZATION & ENVIRONMENT				B EDUC 555 FAM/COMMUNITY/SCH				BLSUS 447 EDUC & AKER INDIAN						
O E 302	ORG & ENVIRONMENT	3894 YA 4 TTh 730-920P BLM 214	CAUTSCHI, F	>3763	A 3 TO BE ARRANGED * *		VAN CALEN, J	3801	A 5 MW 1000-145	BL1 *	MORRIS, C			
NO FRESHMEN, SOPHMRS BUS E MAJORS ONLY ADD CODE REQUIRED (PD.3)				DROP CODE REQUIRED				SIX WEEK SESSION JUNE 19 - JULY 28						
NORTH BRANCH CAMPUS - BOTHHELL				B EDUC 591 SPEC TOPICS ED				BLSUS 475 CHICANO LIT & CLTR						
BUSINESS ADMINISTRATION, DEPT. OF (BOTHHELL CAMPUS)				>3764				A 3 MW 900-1200	BL1 *	3802 A 5 MW 600-945P			SANCHEZ, R	
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				CREDIT/NO CREDIT ONLY				ROMERDAHL, N						
B BUS 300	MANAGING ORGS	3754 A 5 TTh 700-915	BL1 *	DROP CODE REQUIRED				ONLY MAJORS FROM BOTHL COLLEGE						
3755	A 5 TTh 945-1200	BL1 *	LAVERTY, K	GRADS ONLY				B EDUC MAJORS ONLY						
B BUS 320	INTRO MKTG MGMT			ONLY MAJORS FROM BOTHL COLLEGE				JUNE 26 - JULY 26; BOTHHELL EDUC						
B BUS 340	OPERTN & PROJ MGMT			PROGRAM; 22011 26TH AVE S.E. BOTHHELL, WA 98021 (206) 6855331				SPECIAL TOPICS IN EDUCATION						
3756	A 5 MW 530-745P	BL1 *	BALAKRISHNAN	COOPERATIVE LEARNING				>3765				B 3 TTh 200-500	BL1 *	PIERSON, K
X				DROP CODE REQUIRED				ONLY MAJORS FROM BOTHL COLLEGE						
B BUS 350	BUSINESS FINANCE			B EDUC MAJORS ONLY				JUNE 26 - JULY 26; SPECIAL TOPICS						
B BUS 498	DIRECTED READINGS			IN EDUC: SEMINAR IN RESEARCH AND				WRITING FOR EDUCATION						
>3758	A 3-5 TO BE ARRANGED * *			B EDUC MAJORS ONLY				JUNE 26 - JULY 26						
B BUS MAJORS ONLY				LIBERAL STUDIES - BOTHHELL				LIBERAL STUDIES (INTERNATIONAL STUDIES)						
BUSINESS ADMINISTRATION, DEPT. OF (BOTHHELL CAMPUS)				B EDUC 592 INDEPENDENT STUDY				BLSIN 374 MAJ FIGS GERMAN LIT						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				>3766				C 3 TTh 200-500	BL1 *	3793 A 5 TTh 600-945P			BEHLER, C	
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				DROP CODE REQUIRED				VAN CALEN, J						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				GRADS ONLY				ONLY MAJORS FROM BOTHL COLLEGE						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				ONLY MAJORS FROM BOTHL COLLEGE				B EDUC MAJORS ONLY						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				JUNE 26 - JULY 26; SPECIAL TOPICS				IN EDUC: SEMINAR IN RESEARCH AND						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				WRITING FOR EDUCATION				SIX WEEK SESSION JUNE 19 - JULY 28						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				LIBERAL STUDIES (INTERNATIONAL STUDIES)				BLSIN 374 MAJ FIGS GERMAN LIT						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				B EDUC 592 INDEPENDENT STUDY				>3767				B 1-6 TO BE ARRANGED * *		
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				>3767				B 1-6 TO BE ARRANGED * *						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				DROP CODE REQUIRED				B EDUC MAJORS ONLY						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				B EDUC MAJORS ONLY				JUNE 26 - JULY 26						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				LIBERAL STUDIES - BOTHHELL				LIBERAL STUDIES (INTERNATIONAL STUDIES)						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				LIBERAL STUDIES (INTERNATIONAL STUDIES)				BLSIN 374 MAJ FIGS GERMAN LIT						
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				BLSIN 374 MAJ FIGS GERMAN LIT				3793 A 5 TTh 600-945P				BL1 *	BEHLER, C	
BUSINESS ADMINISTRATION (BOTHHELL CAMPUS)				SIX WEEK SESSION JUNE 19 - JULY 28				SIX WEEK SESSION JUNE 19 - JULY 28						

Summer Quarter Time Schedule

DEPT	COURSE	TITLE	SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	SUN	SECTION	CRD	DAY	TIME	BLDG	ROOM	INSTRUCTOR
			COMMENTS												COMMENTS																	
NURSING (BOTHELL CAMPUS) Continued																																
B NURS	450	CONNECTED LEARNING								LEPPA,C																						
	3779	A 1 T																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING								PENNEBAKER																						
	3780	B 1 T																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING								STETZ																						
	3781	C 1 T																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING																														
	3782	D 1 Th																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING																														
	3783	E 1 Th																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING																														
	3784	F 1 Th																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING																														
	3785	G 1 T																														
CREDIT/NO CREDIT ONLY ONLY MAJORS FROM BOTHL COLLEGE B NURS MAJORS ONLY																																
B NURS	450	CONNECTED LEARNING																														
	3786	H 1 Th																														
CREDIT/NO CREDIT ONLY																																
SOUTH BRANCH CAMPUS - TACOMA																																
BUSINESS ADMINISTRATION, DEPT. OF (TACOMA CAMPUS)																																
BUSINESS ADMINISTRATION (TACOMA CAMPUS)																																
T BUS	340	PROD & OPERTN MGMT																														
	3803	A 5 MTh																														
X TERM B TERM B																																
MANAGEMENT (TACOMA CAMPUS)																																
T MGMT	430	MANAGING EMPLOYEES																														
	3827	A 5 MTh																														
X TERM B																																
T MGMT	490	SPEC TOPIC MANAGMT																														
	3828	A 5																														
TERM A SMALL BUSINESS DEVELOPMENT																																
	3829	B 5																														
TERM B																																
MARKETING (TACOMA CAMPUS)																																
T MKTG	490	SPEC TOPIC MARKETNG																														
	3830	A 5 MTh																														
TERM A PROFESSIONAL SALES MGMT PROMOTIONAL STRATEGIES																																

EDUCATION (TACOMA CAMPUS)

T EDUC	451	BEGIN-RENEED READING																												
	3804	A 3 W																												
SCHULHAUSER																														
T EDUC	461	MATH INSTRUCTION																												
	3805	A 3 W																												
SIMMONS,R																														
T EDUC	471	DIVERSITY & EQUITY																												
	3806	A 3 M																												
LOUIE,B																														
T EDUC	472	CHILD DEV & LEARN																												
	3807	A 3 T																												
SCHULHAUSER																														
T EDUC	473	CLASSRM ASSESSMENT																												
	3808	A 3 M																												
LINT,C																														
T EDUC	474	SOCIAL DYNAMICS SCH																												
	3809	A 3 T																												
100-400 TL1 * SVINTH,A CLASS WILL MEET ON JULY 11, 18 AND 25 ONLY																														
T EDUC	501	US ED: PRSPCTVS																												
	3810	A 3 W																												
100-330 TL1 * BUTCHART,R ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	504	UNDRSTNDG EDU RSCH																												
	3811	A 3 MW																												
900-1200 TL1 * STEIN,M TERM A ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	522	INSTRCT MULTICLT CL																												
	3812	A 3 Th																												
900-1230 TL1 * CORDON,J ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	532	CL DES & INST STRAT																												
	3813	A 3 MW																												
900-1200 TL1 * HOYNE,S TERM B ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	540	CHILD/YOUTH AT-RISK																												
	3814	A 3 MW																												
100-400 TL1 * STEIN,M TERM A ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	591	SP TOPIC IN EDUC																												
	3815	A 3 MW																												
900-1200 TL1 * LOUIE,B LOUIE,D TERM A ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	3816	B 3 Th																												
900-1200 TL1 * PERRY,D TERM A ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	592	INDEPENDENT STUDY																												
	>3817	A 1-3																												
TO BE ARRANGED * * ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	593	PRACTICUM SEMINAR I																												
	>3818	A 3																												
TO BE ARRANGED * * BUTCHART,R ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	>3819	B 3																												
TO BE ARRANGED * * LOUIE,B ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	>3820	C 3																												
TO BE ARRANGED * * STEIN,M ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
T EDUC	594	PRACTICUM SEMINR II																												
	>3821	A 3																												
TO BE ARRANGED * * BUTCHART,R ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	>3822	B 3																												
TO BE ARRANGED * * LOUIE,B ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	>3823	C 3																												
TO BE ARRANGED * * STEIN,M ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														

T EDUC	599	CULMINATING PROJECT																												
	>3824	A 3																												
TO BE ARRANGED * * BUTCHART,R CREDIT/NO CREDIT ONLY ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	>3825	B 3																												
TO BE ARRANGED * * LOUIE,B CREDIT/NO CREDIT ONLY ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														
	>3826	C 3																												
TO BE ARRANGED * * STEIN,M CREDIT/NO CREDIT ONLY ONLY MAJORS FROM TACOMA COLLEGE T EDUC MAJORS ONLY																														

LIBERAL STUDIES - TACOMA

LIBERAL ARTS (U.S.) TACOMA CAMPUS

TLSUS	432	SCHOOLING IN THE US																												
	3871	A 5 TTh																												
900-1130 TL1 * BUTCHART,R																														
TLSUS	485	MEDIA GENRES																												
	>3872	A 5 MTh																												
600-920P TL1 * CORBMAN,C TERM B																														
TLSUS	496	INTERNSHIP																												
	>3873	B 1-5																												
TO BE ARRANGED * * CREDIT/NO CREDIT ONLY DROP CODE REQUIRED																														
TLSUS	497	SENIOR THESIS																												
	>3874	A 5																												
TO BE ARRANGED * * DROP CODE REQUIRED																														
TLSUS	498	DIRECTED READINGS																												
	>3875	A 3-5																												
TO BE ARRANGED * * DROP CODE REQUIRED																														
	>3876	B 3-5																												
TO BE ARRANGED * * CREDIT/NO CREDIT ONLY DROP CODE REQUIRED																														
TLSUS	499	UNDERGRAD RESEARCH																												
	>3877	A 1-5																												
TO BE ARRANGED * * DROP CODE REQUIRED																														
	>3878	B 1-5																												
TO BE ARRANGED * * CREDIT/NO CREDIT ONLY DROP CODE REQUIRED																														

LIBERAL ARTS (INTERNATIONAL STDYS)

TLSIN	324	MODRN LATIN AMERICA																												
	3860	A 5 MTh																												
900-1220 TL1 * MAY,R TERM B																														
TLSIN	342	THIRD WORLD CITIES																												
	3861	A 5 MTh																												
100-420 TL1 * D'COSTA,A TERM B																														
TLSIN	426	SOVIET EXPERIENCE																												
	3862	A 5 MTh																												
900-1220 TL1 * RICHARDSON TERM A																														
TLSIN	450	THEORIES OF CULTURE																												
	3863	A 5 MTh																												
100-420P TL1 * CRANFORD,R TERM A																														
TLSIN	490	SPECIAL TOPICS																												
	3864	MA 5 MTh																												
600-920P TL1 * HANNEMAN,M TERM B																														
TLSIN	496	INTERNSHIP																												
	>3865	B 1-5																												
TO BE ARRANGED * * CREDIT/NO CREDIT ONLY DROP CODE REQUIRED																														
TLSIN	497	SENIOR THESIS																												
	>3866	A 5																												
TO BE ARRANGED * * DROP CODE REQUIRED																														
TLSIN	498	DIRECTED READINGS																												
	>3867	A 3-5																												
TO BE ARRANGED * * DROP CODE REQUIRED																														
	>3868	B 3-5																												
TO BE ARRANGED * * CREDIT/NO CREDIT ONLY DROP CODE REQUIRED																														
TLSIN	499	UNDERGRAD RESEARCH																												
	>3869	A 1-5																												
TO BE ARRANGED * * DROP CODE REQUIRED																														

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

VLP = Visual, literary and performing arts
I&S = Individuals and societies
NW = Natural world
QSR = Quantitative, symbolic or formal reasoning
C = English composition

H = Honors course
> = Limited enrollment in this section. Students must obtain entry code or faculty number.
% = New course

PD1 = Period I (May 1-26)
PD2 = Period II (May 30-June 18)
PD3 = Period III (June 19-30)
PD4 = Period IV (July 3-Aug. 6)

DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR	DEPT	COURSE	TITLE	BLDG	ROOM	INSTRUCTOR
SLN	SECTION	CRD	DAY	TIME	COMMENTS	SLN	SECTION	CRD	DAY	TIME	COMMENTS	SLN	SECTION	CRD	DAY	TIME	COMMENTS
SPEC	CODE					SPEC	CODE					SPEC	CODE				

LIBERAL ARTS (INTERNATIONAL STDYS)
Continued

>3870 B 1-5 TO BE ARRANGED * *
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

LIBERAL ARTS (US & INTERNATIONAL STUDIES)

TLS 353 END OF MODERN WORLD
3858 A 5 MTh 600-920P TL1 * KALTON,M
TERM A

TLS 453 HEALTH ILL & CULTUR
3859 A 5 MTh 100-420 TL1 * CRAWFORD,R
TERM B

NURSING (TACOMA CAMPUS)

T NURS 340 CLINICAL PHENOMENA
>3831 A 3 W 130-440 FUGHT,S
DROP CODE REQUIRED
>3832 B 3 Th 530-840P FUGHT,S
DROP CODE REQUIRED

T NURS.350 DECISION MAKING
>3833 A 3 T 530-840P DORCY,K
DROP CODE REQUIRED
>3834 B 3 W 900-1210 PRIMOMO,J
DROP CODE REQUIRED
>3835 C 3 Th 1230-340
LANDENBURGER

LANDENBURGER
DROP CODE REQUIRED
>3836 D 3 W 900-1210
DROP CODE REQUIRED
T NURS 403 INTRO RESEARCH MSG
>3837 AA 3 W 530-630P FUGHT,S
LANDENBURGER
PAGE,P

W 700-840P
DROP CODE REQUIRED
>3838 AB 3 W 530-630P FUGHT,S
LANDENBURGER
PAGE,P

W 700-840P
DROP CODE REQUIRED
>3839 AC 3 W 530-630P FUGHT,S
LANDENBURGER
PAGE,P
PAGE,P

W 700-840P
DROP CODE REQUIRED
>3840 AD 3 W 530-630P FUGHT,S
LANDENBURGER
PAGE,P
FOUGHT,S

W 700-840P
DROP CODE REQUIRED
>3841 BA 3 Th 1230-200
Th 200-340
DROP CODE REQUIRED
>3842 BB 3 Th 1230-200
Th 200-340
DROP CODE REQUIRED

T NURS 450 CONNECTED LEARNING
>3843 A 1 W 1230-125
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

>3844 B 1 W 1230-125
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

3845 C 1 W 1230-125 LANDENBURGER
CREDIT/NO CREDIT ONLY

>3846 D 1 Th 400-455 FUGHT,S
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

>3847 E 1 Th 400-455 PRIMOMO,J
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

>3848 F 1 T 400-455 DORCY,K
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

>3849 G 1 T 400-455 LANDENBURGER
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

>3850 H 1 T 400-455
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

T NURS 499 UNDERGRAD RESEARCH

>3851 A 1-5 T 130-330
DROP CODE REQUIRED

3852 AA 1-5 TO BE ARRANGED

>3853 B 1-5 TO BE ARRANGED
CREDIT/NO CREDIT ONLY
DROP CODE REQUIRED

3854 BB 1-5 TO BE ARRANGED
CREDIT/NO CREDIT ONLY

>3855 C 1-5 T 130-330

>3856 D 1-5 TO BE ARRANGED

>3857 E 1-5 TO BE ARRANGED
CREDIT/NO CREDIT ONLY

Trial schedule 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											

See pages 7-73 for course descriptions, page 74 on how to read time schedule, and pages 122-123 for important dates and deadlines.

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% New course

PD1 = Period I (May 1-26)

PD2 = Period II (May 30-June 18)

PD3 = Period III (June 19-30)

PD4 = Period IV (July 3-Aug. 6)

Quick Reference Guide to Quarter Deadlines

Application deadlines	Full term	a term	b term
Application deadline for summer-only and returning students. (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 applying for summer/autumn	April 15	April 15	April 15
UW faculty/staff and Washington state classified employees Tuition Exemption Forms due	May 26	May 26	May 26
Last day to return approved applications for credit by examination to 264 Schmitz	June 30	June 30	July 28
Application deadline for baccalaureate degrees and certificates for all schools and colleges to be conferred for the quarter must be submitted to Graduation and Records Office, 264 Schmitz	July 7	July 7	July 7
Credit by examination (examinations must be taken by)	4th week of quarter	4th week of term	4th week of term

Registration

Registration Period I	May 1-26	May 1-26	May 1-26
Registration Period II	May 30-June 18	May 30-June 18	May 30-June 18
First mailing of registration confirmations and quarterly validation/U-PASS stickers	May 31	May 31	May 31
Registration confirmations mailed daily beginning this date	June 1	June 1	June 1
STAR closes at 6 p.m. for preparation of instructors' class lists	June 15	June 15	June 15
Registration Period III	June 19-30	June 19-30	June 19-30
\$25 late fee assessment to register late	June 19-30	June 19-30	July 20-26
Registration for UW faculty/staff	June 21	June 21	June 21
Registration for UW ACCESS program	June 21	June 21	June 21
Registration for Washington state classified employees	June 22	June 22	June 22
STAR closes at 6 p.m. for preparation of 10th day statistics	June 30	June 30	June 30
Last day entry codes are valid to add a course	June 30	June 30	July 26
Last day to register	June 30	June 30	July 26
STAR closed for holiday	July 4	July 4	July 4
\$75 late registration fee assessment begins. (Registration is by petition and will only be allowed in rare circumstances.)	July 3	July 3	July 27

Adding/dropping courses or University withdrawal

(Also see deadlines for *special-date courses*, page 131)

Last day for graduate students to apply for on-leave status	June 23	June 23	June 23
Last day to add, drop or change a non-STAR transaction in Registration Office without being assessed a \$20 change fee and possible tuition forfeiture	June 23	June 23	July 26
Last day for complete withdrawal without owing tuition	June 25	June 25	July 26
Last day to add, drop or change a course through STAR without being assessed a \$20 change fee and possible tuition forfeiture	June 25	June 25	(see below)
\$20 change fee is assessed to add, drop or change a course. Additional tuition or tuition forfeiture may also be charged	June 26	June 26	July 27
b term courses may be added at the Registration Office, 225 Schmitz Hall. Students adding courses that require entry codes should obtain code before coming to register			June 26-July 26
Entry codes required to add courses	June 26-30	June 26-30	June 26-July 26
One-half tuition due if withdrawing from the quarter	June 26-July 9	June 26-July 9	July 27-Aug. 9
Last day to drop a course without entry on transcript	June 30	June 25	July 26
Last day to add a course	June 30	June 30	July 26

**Quick Reference
Guide to Quarter
Deadlines**

	Full term	a term	b term
Last day to change from audit to numeric grade option	June 30	June 30	July 26
Last day to make change to or from S/NS grade option	June 30	June 30	July 26
Last day entry codes are valid to add a course	July 2 (Sunday)	July 2 (Sunday)	July 26
Period IV - drops only	July 3-Aug. 6	July 3-9	July 3-Aug. 6
b term courses must be dropped at the Registration Office, 225 Schmitz Hall			
			Aug. 7-9
Full tuition due if withdrawing completely from the quarter	July 10	July 10	Aug. 10
Last day to change to audit grade option	Aug. 4	July 7	Aug. 9
Last day to drop a course	Aug. 6	July 9	Aug. 9
Last day to withdraw completely (dropping all classes) from the quarter	Aug. 11	July 12	Aug. 11
Last day to reregister if cancelled for nonpayment of tuition (additional \$75 fee assessed)	Aug. 11	July 12	Aug. 11

Tuition/fee assessment and deadlines

First day tuition balance is available on STAR	June 16	June 16	June 16
\$25 late fee assessment to register late	June 19-30	June 19-30	July 20-26
Tuition statements mailed to all registered students	June 19	June 19	June 19
\$20 change fee is assessed to add, drop or change a course.			
Additional tuition or tuition forfeiture may also be charged	June 26	June 26	July 27
\$10 fee assessment for replacement of U-PASS begins	June 26	June 26	July 27
One-half tuition due if withdrawing completely from the quarter	June 26-July 9	June 26-July 9	July 27-Aug. 9
\$75 late registration fee assessment begins. (Registration is by petition and will only be allowed in rare circumstances.)	July 3	July 3	July 27
Tuition payment deadline for all registered students	July 7	July 7	July 7
Last day to return U-PASS for cancellation of \$27 charge	July 7	July 7	July 7
Student insurance payment deadline. Payments are not accepted after this date	July 7	July 7	July 7
Late tuition payment period (requires a late-payment fee)	July 10-14	July 10-14	July 10-14
Full tuition due if withdrawing completely from the quarter starting ..	July 10	July 10	Aug. 10
Last day to reregister if cancelled for nonpayment of tuition (additional \$75 fee assessed)	Aug. 11	July 12	Aug. 11

Grades

W grade for dropped courses begins	July 3	June 26	July 27
Grades due from faculty (10 a.m.)	Aug. 21	July 24	Aug. 21
First day grades and GPAs available on STAR	Aug. 23	Aug. 23	Aug. 23
Grades mailed to students	Aug. 24	Aug. 24	Aug. 24

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 1995 commencement must have a graduation application on file by April 14, 1995.

Summer Quarter Admission

Summer Quarter Admission

Continuing UW undergraduate students

If you are enrolled as a matriculated student at the UW Spring Quarter 1995 or completed Winter Quarter 1995 and took Spring Quarter off, *do 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 1995.

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 3. For questions about how the Freshmen Summer Start courses fit into the UW curriculum, contact Undergraduate Advising at (206) 543-2551. Freshmen Summer Start participants should not complete the application form included in this bulletin.

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 128);
- 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 contact the Teacher Education Program Office at (206) 543-1754];
- 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 students

For information about working toward a Continuing Teaching Certificate, please contact the Teacher Education Program Office at (206) 543-1754.

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 same status. To apply, contact the Registration Office, 355850, 225 Schmitz, University of Washington, Seattle, WA 98195-5850, for a returning student reenrollment 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 126.

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 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 127.

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, 355840, 320 Schmitz Hall, Seattle, WA 98195-5840; telephone: (206) 543-5150.

This form is to be used by all new students (except international students) seeking an undergraduate degree 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 to work on Continuing Teaching Certificates should contact the Teacher Education Program Office at (206) 543-1754.

A student who previously attended the UW as a postbaccalaureate student in a teaching certificate program can be admitted as a returning student in this status. To apply, request a returning student application from the Registration Office, 1410 NE Campus Parkway, 225 Schmitz Hall, 355850, Seattle, WA 98195-5850; telephone: (206) 543-8580. Submit the form by May 31 to the address on the form.

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 127.

Application for admission to professional schools

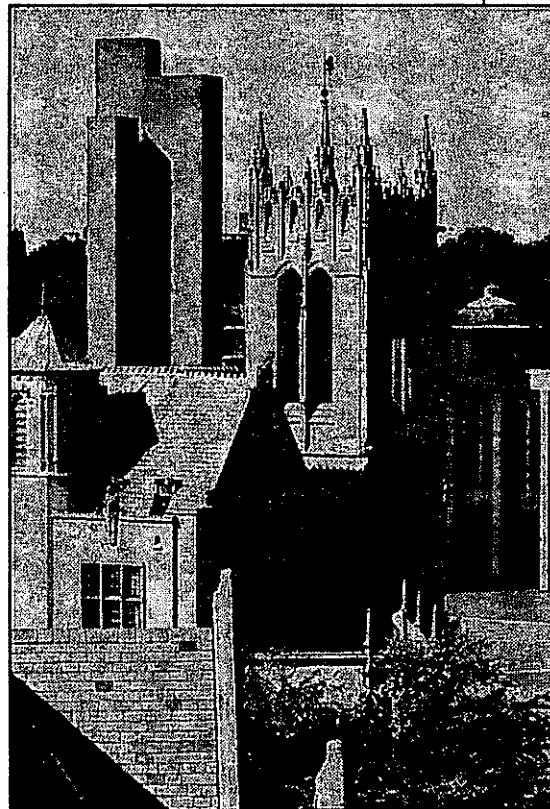
Those interested in the schools of medicine, law or dentistry should write those schools directly.

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



Other Admission Information

Other Admission Information

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 3. 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 Undergraduate Advising at (206) 543-2551.

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 125.

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 19 may register for Autumn Quarter without submitting a new application. Withdrawal from Summer Quarter prior to June 19, 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 122-123.

Freshman

This admission classification is for high school seniors intending to enroll at the UW as freshmen and other applicants who have never attended college since leaving high school (regardless of age or whether they ever graduated). It includes Washington state Running Start students who have attempted fewer than 40 college credits before February 1 of their senior year in high school. The application priority date for Summer/Autumn Quarter was February 1. Admission is competitive. Not all qualified applicants can be admitted.

Transfer

This admission classification is for applicants who are seeking their first bachelor's degree and have attempted college credits since leaving high school (regardless of age or whether they ever graduated). It includes Washington state Running Start students who have attempted 40 or more college credits before February 1 of their senior year in high school. The application closing date was April 15 (March 1 for international students). Admission is competitive. Not all qualified applicants can be admitted.

Postbaccalaureate

Postbaccalaureate is a matriculated, undergraduate status at the UW, reserved for students who are working toward a second bachelor's degree or preparing for entrance to graduate or professional school. A postbaccalaureate is an applicant who has completed or will complete a bachelor's degree from a regionally accredited college or university before enrolling at the UW. This

status includes UW undergraduates who anticipate earning their first bachelor's degree and wish to pursue a second degree at the UW. Application closing date was April 15 (March 1 for international students). If you are interested in obtaining a teaching certificate, contact the Teacher Education Program Office, 211 Miller, (206) 543-1754.

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/Fall" 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. Graduate nonmatriculated students must register through UW Extension. Call (206) 685-6425 for details. Do not use the summer-only application in this bulletin.

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, 355840, Seattle, WA 98195-5840. 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

Matriculated 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 the tuition due date.

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

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

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 1995, from June 26 through July 28, 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 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. Application before May 14 is advised.

An additional program for fifth and sixth grade students will run from June 26 through July 14. 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 March 1995. Cost for this program is \$345.

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. The credits can also be transferred to other colleges and universities.

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 26. 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, Box 355840, Seattle, WA 98195-5840:

- 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 1995 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 136).

Students should also review the information on pages 124-126 and 130-146. 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 UW Distance Learning courses

High school students can also supplement their high school coursework and earn college-level credit with the evening credit classes and UW Distance Learning available through UW Extension. UW Distance Learning courses are listed on pages 150-152. For information about evening credit classes, refer to the quarterly UW Extension catalog, available by calling (206) 543-2320.

ACCESS and Faculty/Staff Programs

ACCESS program for older adults

The University of Washington waives tuition for Washington residents 60 years or older who wish to attend classes as auditing students. If you are enrolling as an ACCESS student, you may attend class with the permission of the instructor beginning the first class day if space is available. 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, 225 Schmitz Hall. 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 7. 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, UW Distance Learning, 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, 543-2320, between 8 a.m. and 5 p.m., weekdays.

How to register

Go to the Registration Office, 225 Schmitz Hall, on Wednesday, June 21, during the times listed below.

Registration time for ACCESS students 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

UW faculty/staff and Washington state classified employees tuition exemption programs

If you have been continuously employed full-time for six months or more within the University or an agency of the State of Washington (classified staff only) prior to the academic quarter in which you are trying to enroll, you may be admitted to the UW and take up to six credits per quarter under this exemption. According to legislative action, all registration must be on a space-available basis after other matriculated students have registered. You may not use the exemption for the three graduate-level independent study courses numbered 600, 700 or 800, or any self-sustaining courses. If you are admitted as nonmatriculated in order to use this exemption, you may only register for classes when using the exemption and after the exemption request form has been submitted. Matriculated students will be permitted to register even when they are not using the exemption; however, full tuition and fees will be charged.

If you are enrolling under one of these exemption programs you may attend class with the permission of the instructor, beginning the first class day if space is available. Call STAR 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 for UW faculty/staff or classified state employees

If you wish to enroll as a new matriculated student or in a new matriculated category, apply to the Office of Undergraduate Admissions, 320 Schmitz Hall, by the regular admission closing date; April 15 is the closing date for summer/autumn applications. If you are applying to the Graduate School (including Graduate Nonmatriculated status), you should contact the applicable academic department for application information.

If you are applying as a new nonmatriculated student, go to the Office of Undergraduate Admissions.

If you are a former student at the UW and are returning in the same classification or as a nonmatriculated student, apply at the Registration Office, 225 Schmitz Hall. Applications are normally accepted up to the beginning of the quarter. Graduate nonmatriculated program participants need to apply through the intended academic department by May 15.

NOTE: Contact your departmental office or the Registration Office, (206) 543-8580, 225 Schmitz Hall, for a tuition exemption form.

How to register

After the tuition exemption request has been received by the Registration Office, you may call STAR on or after the appropriate eligibility dates. Registration continues through Sunday, June 25, on STAR without assessment of late fees. Effective Monday, June 26, a \$25 late registration fee is billed if you are initially registering for the quarter, and a \$20 change fee is charged for registration changes. You will be billed these fees, if applicable, plus the registration fee when you register in a course.

If you add your course before the tuition exemption program registration date, you will not be permitted to convert to the tuition exemption program and will be required to pay regular tuition for those credits.

You will not be entitled to other student services such as those available at the Hall Health Center and the Intramural Activities Building. Faculty/staff identification cards may be used for library services. Washington state employees participating in the program may obtain an ID card to be used for library services from the Student ID Card Center, 229 Schmitz Hall, and a U-PASS sticker for \$27 from the Registration Office, 225 Schmitz Hall.

Deadlines and registration dates are listed below:

UW faculty/staff

Friday, May 26 Tuition exemption request card due to Registration, 225 Schmitz, 355850.

Wednesday, June 21 Registration begins on STAR. Open from 6 a.m. until midnight.

Monday, June 26 \$25 late registration fee begins.

Friday, July 7 \$5 registration fee due. Fee is billed if a student successfully registers.

Washington state classified employees

Friday, May 26 Tuition exemption request card due to Registration, 225 Schmitz, PD-10.

Thursday, June 22 Registration begins on STAR. Open from 6 a.m. until midnight.

Monday, June 26 \$25 late registration fee begins.

Friday, July 7 \$30 registration fee due. Fee is billed if a student successfully registers.

ACCESS and Faculty/Staff Programs

Registration for Summer 1995

Registration for Summer 1995

See pages 132-134 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.

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 1, 1995). Check the Registration Schedule on this page to determine your first day of registration eligibility. 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 132-134. 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 eligibility

All students

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, postbaccalaureate (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 *UW 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 Reenrollment Application* by the published deadline.

Graduate students

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). See *Grading, Withdrawal and On-Leave*, page 139, for more information.

STAR hours of operation

STAR is available for registration Monday through Friday, 6 a.m. to midnight, and most weekends 9 a.m. to midnight.

Period I STAR registration schedule

You may call STAR to make changes any day after your priority date.

Graduate	Any day beginning May 1
Professional	Any day beginning May 1
Disabled students	May 2
*Graduating seniors or postbaccalaureates (GSP)	May 1, 2
Freshmen, Sophomores, juniors, seniors, postbaccalaureates	May 3

*Seniors or postbaccalaureates who have a degree application on file in the Graduation and Academic Records Office for August 1995, December 1995 or March 1996 by April 27 may register this day or later.

Registration Period I via STAR

May 1-26

This period is open to continuing students currently enrolled Spring Quarter 1995 or students who completed Winter Quarter 1995 and took Spring Quarter off, matriculated and nonmatriculated, and to new and returning students applying early enough to be notified of registration eligibility.

Graduating senior priority

If you are a graduating senior or postbaccalaureate student with a degree application on file in the Graduation and Academic Records Office, you may register on the

first day of Period I for your final two quarters. If you must postpone your graduation, you may save your priority quarters by not registering until open registration is available beginning May 3. When you have used your Graduating Senior Priority for two quarters, you will revert to regular senior priority.

Registration Period II via STAR

May 30-June 18

STAR closes at 6 p.m. on June 15 to produce class lists.

This period is open to continuing students who were enrolled Spring Quarter 1995 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 Period III via STAR

June 19-30

STAR closes at 6 p.m. on June 30. The 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 course adds and drops. 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 26.

An entry code is required to add courses after June 26. Students may add courses on STAR through June 30 only. No adds are permitted after June 30 for full-quarter or *a* term courses. Term *b* courses may be added at the Registration Office between July 3 and 26.

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.

Courses audited may not be changed to credit registration after June 30 for full-quarter or *a* term courses, and after July 26 for *b* term courses.

Registration Period IV via STAR

July 3-Aug. 6

Term *b* courses may be added in person at the Registration Office between July 3 and 26.

This period is open for dropping courses on STAR and to elect the audit grade option only. During this period, a \$20 fee is assessed for all changes of registration.

No course drops for full-quarter courses after Aug. 6 or for *a* term courses after July 9. Term *b* courses only can be dropped between Aug. 7 and 9 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.

Changing to audit is only available at the Registration Office, 225 Schmitz Hall. Courses audited full quarter and term *a* may not be changed to credit registration after June 30, and courses audited term *b* may not be changed after July 26. See page 146 for details.

Registration confirmation

Registration confirmations for students who registered by May 26 will be mailed on May 31. If you register after May 26, your registration confirmation will be mailed in two working days. Call 543-3868 to record your correct address. Confirmations will not be mailed outside the United States during Registration Period II and III and will not be mailed to addresses outside the State of Washington during the last week of Period II and during Period III. If you are using an out-of-state address, you may claim your confirmation at the Registration Office, 225 Schmitz Hall, within two working days. You may also confirm your registration schedule by calling STAR and using the list schedule transaction (L#). This listing includes building and class locations.

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.

**Registration
for Summer 1995**

Late registration fees

Students whose initial registration occurs beginning June 19 (July 20 for *b* term courses) will be charged a late registration fee. Late registration dates and fees are listed below.

Full-quarter late registration:
June 19-30: \$25

a term late registration:
June 19-30: \$25

b term late registration:
July 20-26: \$25

How to Register Using STAR

How to Register Using STAR

General information

STAR (Student Telephone Assisted Registration) is the University of Washington's touchtone registration system. You may call STAR from any touchtone phone to register. Touchtone phones are conveniently located in the Registration lobby, 225 Schmitz Hall, the T-Wing lobby in Health Sciences, 9 Communications, and the ground floor level of the HUB.

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. STAR weekend hours are 9 a.m. to midnight. Weekday hours are 6 a.m. to midnight.

STAR features

Adding courses

Courses may be added during Periods I, II and III. An add code is required to add a course and a \$20 change fee is charged beginning June 26 for full-quarter or a term courses; July 27 for b term courses. This is in addition to any tuition. Always check your balance after adding a course. June 30 at 6 p.m. is the last day to add a full-quarter or a term course for Summer Quarter 1995. Term b courses may be added at the Registration Office between June 26 and July 26. See *Changes in registration*, page 133, for additional information on adding courses.

Add codes

Some courses require add codes or faculty numbers which are available through the department offering the course. See *Entry codes* for more information on add codes.

Dropping courses

Courses may be dropped during Periods I, II, III and IV. The last day to drop a course and receive no entry on your transcript is July 2 for full-quarter courses, June 25 for a term and July 26 for b term. A \$20 change fee is charged to drop a course beginning June 26 for full-quarter and a term courses and July 27 for b term courses. This is in addition to any tuition forfeiture. Always check your tuition balance after dropping a course. Aug. 6 is the last day to drop full-quarter courses and July 9 for a term courses. Term b courses only, can be dropped between Aug. 7 and 9 in person at the Registration Office. See *Changes in registration*, page 133, for additional information on dropping courses.

Drop codes

Some courses require drop codes which are available through the department offering the course. See *Entry codes* for more information on using drop codes.

Course availability

Beginning Period I, you may call STAR at any time to complete section II of the STAR Worksheet and check course availability.

Alternate sections

STAR lists alternative sections if the requested sections are closed or canceled.

Confirmed registration

You may confirm your registration schedule by calling STAR and using the List Schedule Transaction (L#). This listing includes building and classroom locations.

Student account and loan status

Call STAR to list current student account balance; list a summary of disbursed financial aid and aid check availability; determine if outside lender loan funds are available; and list the latest recorded student account payment. Review the STAR worksheet for transaction codes.

Grades on STAR

STAR lists all officially recorded grades for the most recently completed quarter. Summer Quarter 1995 grades become available on STAR beginning Aug. 23.

Changing your insurance plan and optional charges

If you wish to change your insurance plan or optional charges for WashPIRG and WSL after your initial selections, you may do so on STAR by the tuition due date. Please refer to the STAR worksheet in this bulletin for instructions.

Private Access Code (PAC)

When you call STAR for the first time, enter your date of birth when STAR asks you to enter a Private Access Code. STAR will prompt you to 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 contact the Registration Office, 225 Schmitz Hall, or call (206) 543-8580 to obtain your code or select a new PAC.

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.

Merlin telephone

If you are using an AT&T Merlin telephone to call STAR, press the # sign key twice to send transactions.

Time and call limits when calling STAR

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 in-

STAR Transactions

The transactions you enter on your touch-tone telephone communicate to the computer what action to take (such as add a course, drop a course, etc.) and what data you want considered. The transaction code legend follows:

- A = Add a course
- D = Drop a course
- L = List class schedule
- S = Course status
- T = Terminate your call
- G = List your grades
- 11 = Account balance
- 12 = Financial Aid summary
- 13 = Outside lender loan
- 14 = Last received payment
- 15 = Optional charges
- * = Star key, used to separate data
- # = Number sign key, used to send transactions that you enter

formation after the second try, STAR will disconnect. If you get disconnected, 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.

Closed sections

If the section requested is closed, you will be informed by STAR of open section alternates (including new sections added after the publication of this bulletin). You may then select an alternate section to be added to your schedule. To overload a closed section see *Overload guidelines*, this page.

Additional registration information

Address change telephone service

You may call (206) 543-3868 at any time to change your address information. See page 142 for more information.

Changes in registration

A \$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 June 26. The \$20 fee is a service charge 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.

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.

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 to avoid having the instructor assign a failing 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.

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.

Entry codes

Entry codes are five-digit random numbers issued to you by academic departments as authorization to add or drop restricted course sections. Entry codes are not transferable. All courses require add codes to add beginning June 26.

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. (See *Overload Guidelines*, this page, for additional information on using add codes to overload closed courses.)

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.

Some courses require a drop code to drop. Obtain the code from the department offering the course. Perform the drop transaction on STAR and enter the drop code when prompted by STAR.

Faculty numbers

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.

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. Consult the Financial Aid Office at 105 Schmitz, or by calling (206) 543-6101, for its requirements on satisfactory student progress. The tuition schedule does not reflect full-time credit requirements for loan deferments, teaching assistantships or other programs.

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 June 26, a student may add a section unless the class is full or requires permission; then an entry code is required. Beginning June 26, add codes are required to add any course. STAR will accept course overloads only up to 115 percent of classroom capacity to compensate for expected course drops.

■ No course adds are accepted after June 30 for full-quarter and *a* term courses. STAR closes at 6 p.m. on that day. No course adds for *b* term are permitted after July 26.

How to Register Using STAR

Questions?

If you have questions regarding registration, please call the Registration Office, (206) 543-4000, Monday through Friday, 8 a.m.-5 p.m. The audiolibrary system has complete recorded instructions. If you need additional assistance, press "0" and a staff member will help you during business hours.

How to Register Using STAR (cont.)

Registration assistance

If you work during the day or are incapacitated and need assistance with non-STAR transactions, please call the supervisor of the Registration Office at 543-5723 to make arrangements for assistance. If you are having problems using STAR, call the Registration Office at 543-8580 and a staff member will assist you.

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.

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.

Registration tampering

A student who tampers or attempts to tamper with the registration records of another student, including but not limited to dropping and adding courses, may be subject to disciplinary sanction as defined in the Student Conduct Code (WAC 478-120).

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 to add a course that conflicts with another, 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.

Undergraduate satisfactory progress

If you are pursuing a baccalaureate degree, you 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.

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.

Follow these steps before calling STAR

Step 1: Read *Registration for Summer 1995*, pages 130-131, *How to Register Using STAR*, and the *STAR Work Sheet*, page 135, carefully.

Step 2: Academic advising is highly recommended, and it is suggested that you make an appointment with your adviser before selecting your courses.

Step 3: Obtain entry codes or faculty numbers from departments for courses requiring entry codes.

Step 4: Organize your registration materials. Use the *Time Schedule* listing in this bulletin, pages 74-121, to obtain the schedule line number (SLN) for each course section. SLNs change every quarter. Prepare an alternate course section list because some sections may be full.

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: 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 each quarter. 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 7: Beginning with Registration Period I, you may 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.

**University Of Washington
Student Telephone Assisted Registration (STAR)
Summer Quarter 1995 STAR Work Sheet**

I. Always access STAR with these four steps:

1. Call STAR **5 4 8 - S T A R** (If calling long distance, precede STAR number with 1- 206)
7 8 2 7 (On UW campus call, 9-548-STAR)

2. Enter Quarter Code **3** 3 = Summer

3. Enter your Student ID number:

4. 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	DEF
2		
GHI	JKL	MNO
4	5	6
PRS	TUV	WXY
7	8	9
*	OPER	#
0		

↑ Star Key ↑ 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.

1. 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

2. ASUW membership Y = Yes
 N = No

3. Contribute to Washington Student Lobby Y = Yes, add \$1 for WSL to my bill
 N = No

4. 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)
 5. Registration Confirmation L = Local Address
 P = Permanent Address

6. Statement of Account (Tuition and Fee Bill) L = Local Address
 P = Permanent Address

7. Grade Report L = Local Address
 P = Permanent Address

Be sure your current address is on file with the Office of the Registrar.
 Call 543-3888 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 ***** **#**

Entry Codes and Faculty Numbers do 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:

1 1 **#** To list current student account balance.
1 2 **#** To list summary of disbursed financial aid and aid check availability.
1 3 **#** To determine if outside lender loan funds are available.
1 4 **#** To list the latest recorded student account payment.
1 5 **#** 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: **T** **#**

Tuition, Fees, Billing and Student Insurance

Tuition, Fees, Billing and Student Insurance

Tuition forfeitures or refunds

Students will be billed for the number of credits, including audit hours, on their course schedule at the beginning of the quarter. Only partial tuition reductions will result for courses dropped after June 25 for full and a term, and July 26 for b term courses.

Students are expected to pay one-half of the tuition associated with courses dropped during the half-payment period shown below:

Type of course:	Half-payment period:
Full-term	June 26-July 9
a term	June 26-July 9
b term	July 27-Aug. 9

Courses dropped after these half-payment period dates receive no refund.

The University's forfeiture schedule is as follows:

- Students withdrawing by June 25 for full and a term, or July 26 for b term, do not pay tuition. New and returning students forfeit their \$100 enrollment confirmation deposit. Students withdrawing before the seventh calendar day of the quarter without returning their U-PASS sticker owe \$75 for the U-PASS. No replacements are allowed for students who pay the \$75 fee and then lose their U-PASS sticker.
- Students withdrawing between June 26 and July 9 for full and a term, or between July 27 and Aug. 9 for b term continue to owe one-half of their tuition. Students withdrawing after June 25 for full and a term, or July 26 for b term, will be charged the applicable forfeiture and may retain their U-PASS by paying the quarterly fee or return it no later than the tuition due date to have the fee waived. There will be no U-PASS refunds after the tuition payment deadline.
- Students withdrawing after July 9 for full and a term, or Aug. 9 for b term continue to owe full tuition.
- Students whose registrations are canceled for nonpayment 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 June 26 and July 9 for full and a term, or between July 27 and Aug. 9 for b 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 June 25 for full and a term, or July 26 for b term, 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 on or after July 10 for full or a term, or Aug. 10 for b term, 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.

Course drops become effective the date received and processed on STAR, in the Registration Office, 225 Schmitz, or through the departmental registration screen used in academic departments.

Tuition/fee assessments and deadlines

It is the student's responsibility to see that tuition is paid in full by the tuition due date (July 7). 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 (transaction 11#).

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 June 30 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 July 7. Checks and money orders must be in U.S. dollars and drawn on a U.S. or Canadian bank. Payments postmarked on or before July 7 are accepted without a late fee. Mail postmarked after July 7 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. For past due balances over \$250 the late fee is \$30; for balances between \$30 and \$250 the fee is \$10; there is no late fee for balances less than \$30.

If payment has not been received in the Student Accounts and Cashiers Office by July 14, students' registration for the current quarter as well as any future quarters will be canceled. Reregistration after cancellation for nonpayment requires a \$75 fee, in addition to tuition.

Tuition and fees incurred after the tuition due date (July 7) must be paid within three business days to avoid registration cancellation. Exception: As of the last week of instruction, charges must be paid by the next business day. Always check your account status and balance on STAR when completing a registration transaction.

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

Important information

- Drops or withdrawals after June 25 for full and a term courses, or July 26 for b term courses 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 7.
- Charges incurred after tuition due date must be paid in one to three days (see *Tuition/fee assessments and deadlines*, this page).

during the forfeiture period.) If students want to drop any course after reregistering, they may do so on STAR until Aug. 6 for a full and *b* term courses, and July 9 for *a* term. Term *b* courses only can be dropped in person at the Registration Office between Aug. 7 and 9. A \$20 change fee will be assessed. 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 (Aug. 18) 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 Students 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 UW 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 June 25 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 (July 7). 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 may add, cancel, or change their insurance selection on STAR, and remit the correct balance by the tuition due date (July 7). 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. Students admitted for Summer/Autumn, excluding summer-only nonmatriculated students, must submit proof of coverage to the International Services Office by the tuition due date (July 8). Waivers for continuing students who have already presented proof of coverage for the current academic year (Autumn 1994 through Spring 1995) are valid through Summer Quarter. Stu-

Continued on page 138

Summer tuition schedule (1994 tuition)

Tuition for 1995 had not been determined at presstime and is expected to increase. The fees shown are subject to change.

Undergraduate: Resident and nonresident (including nonmatriculated and fifth-year)

Full-time (More than 9 credits) \$969*

Part-time	
9 credits	\$872
8 credits	775
7 credits	678
6 credits	581
5 credits	484
4 credits	387
3 credits	290
2 credits (minimum)	193

Graduate and Law: Resident and nonresident

Full-time (More than 6 credits) \$1,049*

Part-time	
6 credits	\$899
5 credits	749
4 credits	599
3 credits	449
2 credits (minimum)	299

Medical and Dental Resident Nonresident

Full-time (More than 12 credits)	\$2,486*	\$6,311*
Part-time		
12 credits	\$2,295	\$5,826
11 credits	2,104	5,341
10 credits	1,913	4,856
9 credits	1,722	4,371
8 credits	1,531	3,886
7 credits	1,340	3,401
6 credits	1,149	2,916
5 credits	958	2,431
4 credits	767	1,946
3 credits	576	1,461
2 credits (minimum)	385	976

*The additional fee per credit hour for more than 18 credits does not apply to Summer Quarter. For details about full-time student requirements, see page 133.

Tuition charges are based on your student classification, e.g. undergraduate, graduate, or professional, and not on course level.

Fees listed do not apply to students registered through UW Extension. See UW Extension catalog for fee structure.

**Tuition, Fees,
Billing and
Student Insurance**

dents 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.

Optional fees

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.

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.

UW ID card

Carry your UW ID card with you at all times since it is required for a variety of 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 nonrefundable \$5 fee is charged for each replacement of non-photo ID cards or \$10 for replacement photo ID cards. (See also U-PASS information below.)

U-PASS

A U-PASS validation sticker is mailed with students' registration confirmation each quarter. The U-PASS is valid on all regular Metro and Community Transit routes at all times and provides parking privileges to carpoolers, riding privileges to vanpool passengers, and merchant discounts. The quarterly fee of \$27 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 June 25 without returning the U-PASS sticker will owe \$75 for the U-PASS. Students who withdraw after June 25 will be charged the applicable tuition and may retain the pass for \$27 or return it no later than the tuition due date to have the \$27 fee waived. There will be no U-PASS refunds after the tuition payment deadline and no replacement of the 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 June 23. Replacement stickers issued after June 23 will cost \$10. Lost ID cards bearing a U-PASS sticker will be replaced for a \$15 fee (\$20 fee for photo ID), which includes a new U-PASS sticker. Replacement fees are non-refundable. Students issued replacement stickers will not be permitted to cancel the \$27 U-PASS fee by returning a sticker.

Eligible 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 \$27 throughout the quarter.

The U-PASS is the property of the University of Washington and is not transferable. *The U-PASS program, replacement policies and quarterly fee are subject to change without notice.*

Grade, Withdrawal and On-leave Information

Withdrawal

Quarter Off Eligibility Policy

Undergraduate and professional students (dental, law or medical) who have completed the preceding quarter at the UW, may take a quarter off under the Quarter Off Eligibility Policy. Review the *Registration eligibility*, page 130, section for complete details.

Withdrawal for the quarter (dropping all courses)

It is the student's responsibility to withdraw completely if unable to attend for the quarter. Students who drop their last course on STAR and do not add a course will be considered withdrawn for the quarter.

Students may write to or withdraw in person at the Registration Office, 225 Schmitz Hall, 355850, University of Washington, Seattle, WA 98195-5850. Withdrawals by mail are effective on the date of the postmark. No withdrawals are accepted after July 12 for *a* term courses, or Aug. 11 for full and *b* term courses.

Beginning June 26 for full and *a* term courses and July 27 for *b* term courses, 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, the date that the last class is dropped on STAR, or the postmark date for withdrawals received by mail. Students who withdraw prior to June 26 for full and *a* term courses and July 27 for *b* term courses, 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.

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 through June 25 for *a* term, June 30 for full term and July 26 for *b* term, 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 and will be required to pay the \$35 application fee and \$100 enrollment deposit. 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.

Hardship withdrawal

Hardship withdrawals are for dropping individual courses after the seventh week of the quarter (July 9 for *a* term, Aug. 6 for full and *b* term). The \$20 change of registration fee will be assessed.

A student may petition the Registrar for a hardship withdrawal if either of the following apply: (1) the student is unable to complete the course in question because of a severe mental or physical disability, (2) unusual or extenuating circumstances beyond the student's control prevented the student from dropping the course by the drop deadline, or (3) the student is not petitioning courses taken prior to graduating.

Withdrawal for military service

Students conscripted into the Armed Forces or called to active military duty may withdraw through the end of the seventh 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.

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 June 23. 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.

Grading

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. 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 earned.

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.

Grade, Withdrawal and On-leave Information

Grade, Withdrawal and On-leave Information (cont.)

Auditors

Students must first register on STAR and then go in person to the Registration Office, 225 Schmitz Hall, to select the audit grade option. The audit option may be selected through Aug. 4. A \$20 change fee is charged beginning June 26. Attendance in courses as an auditor is by consent of the instructor involved and is conditional on space availability. 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" grade will be recorded on academic transcripts for courses changed to audit beginning July 3 through Aug. 4 for full-term courses, June 26 through July 7 for *a* term courses, or July 27 through Aug. 9 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. Such credits count in the calculation of fees.

Courses audited may not be changed to credit registrations after June 30 for full and *a* term courses and July 26 for *b* term.

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. Neither CR nor NC is included in the grade-point average. In cases of withdrawal, a "W" is recorded.

Grade appeals

See the UW *General Catalog* for appeal procedure.

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 since a grade earned in a repeat course will not be recorded as an incomplete conversion grade. To obtain credit for the course, an undergraduate student must convert an Incomplete into a passing grade no later than the last day of the next quarter. An Incomplete not made up by the end of the next quarter (summer excluded) will be converted to the grade of 0.0 by the Registrar unless the instructor has indicated, when assigning the incomplete grade, that a grade other than 0.0 should be recorded if the incomplete work is not completed. The original Incomplete grade is not removed from the transcript.

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 the Registration Office, 225 Schmitz Hall, to elect the S/NS grade option. The S/NS grade option cannot be selected on STAR.

The S/NS grade option can be elected only through June 30 (July 26 for *b* term). A \$20 fee is charged beginning June 26 (July 27 for *b* term).

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.

"W" grades

If you are an undergraduate student and drop a course during the first two weeks of the quarter, there is no entry on your permanent academic transcript. If all courses are dropped, then a complete withdrawal date is recorded on the transcript. A course drop made July 3 through Aug. 6 for full and *b* term courses and July 3-9 for *a* term courses, is recorded on a student's transcript with a "W" grade.

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 Office, 260 Schmitz Hall, 355850, Seattle, WA 98195-5850. 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.

University Notices

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.

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, as a standing policy, does not discriminate on the basis 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. Such discrimination is prohibited by 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 Dr. Helen Remick, Assistant Provost for Equal Opportunity; University of Washington, Equal Employment Office, JA-08, 4045 Brooklyn Ave. NE, Seattle, WA 98195; telephone: (206) 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 this publication and the UW *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 the Vice President for 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 1987 are 57% in five years and 65% in six years.

Immunization

University and local health authorities recommend immunization against measles for students. Individuals are considered to be immune to measles if they have received two documented doses of measles vaccine (measles-only or combined measles-mumps-rubella vaccines) since 1967, have laboratory evidence of measles immunity, have a documented episode of physician-diagnosed measles, or were born before 1957.

There have been outbreaks of measles at other universities, and to avoid such an occurrence on this campus, the university is asking students who are not immune to measles (as described above) to obtain the necessary shots. In the event of an outbreak here, students lacking acceptable documentation of measles immunity may be excluded from classes, living groups and/or other activities. For more information, students are encouraged to contact the Hall Health Primary Care Center, the student health service on campus, at (206) 685-1055.

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 published and electronic 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.

Sexual harassment grievance procedure

Students, as well as members of the faculty and staff, who wish to file a complaint regarding sexual harassment may contact any of the offices listed below:

Ombudsman for Sexual Harassment, 301 Student Union Building, (206) 543-0283

Business and Personnel Services, 22 Administration Building, (206) 616-2028

Office of the Vice President for Student Affairs, 476 Schmitz Hall, (206) 543-4972

Personnel in these offices will be available to discuss and provide assistance in resolving the complaint.

UW Student Services and General Information

Student Services and General Information

Academic advising

Students who have been admitted for Summer/Autumn Quarter and beyond are encouraged to see an academic adviser to discuss educational objectives and assess progress toward completion of degree requirements. Summer-only students, or those who plan to complete degrees elsewhere, do not need to see an academic adviser. Although, if they have questions, they are free to call any of the numbers listed below. 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.

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, telephone numbers, restriction release of directory information, and where to mail registration confirmations, tuition billing statements, and final grades. The offices of Student Financial Aid and Housing and Food Services maintain separate address listings. Therefore, if you have applied for or are receiving financial aid, or if you live in University housing, you should also report any address changes to these offices.

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. 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. Students may join ASUW when registering on STAR.

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) 632-9500.

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.-5 p.m., and Saturdays and Sundays, 10 a.m.-5 p.m. The cafe is open Mondays through Fridays, 7 a.m.-8 p.m., and Saturdays and Sundays, 9 a.m.-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

The Center for Career Services educates University of Washington students and alumni in job search techniques and career management by acting as a liaison between the students, alumni, employers, faculty and staff. 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, Minority Career Services, campus interviews, job opportunity bulletins, credential file service, graduate school file service, 24-hour joblines, and career- and degree-related summer jobs/internships. To participate in the 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.

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.

Disabled students

If you are a student with a disability, various support services and academic accommodations, including priority registration, are available. Contact Disabled Student Services (DSS), 448 Schmitz, (206) 543-8925 voice/TDD, for information on accommodations to meet individual needs, accessibility and equipment services.

The STAR work sheet and instructions are available from DSS in alternate media, including tape recording, large print and braille. Students with disabilities which limit their ability to use STAR may register through DSS or at the Registration Office, 225 Schmitz Hall.

Financial aid

In order to be eligible for any type of need-based aid, a student must be a regularly admitted, matriculated student. Summer-only nonmatriculated students are not eligible for financial aid. Students who wish to apply for Summer Quarter financial aid should file the Free Application for Federal Student Aid as soon as possible and request a Summer Aid application from the Office of Student Financial Aid, 105 Schmitz, telephone (206) 543-6101.

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 12-Aug. 19, 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 University of Washington after they have been accepted to Friday Harbor Laboratories.

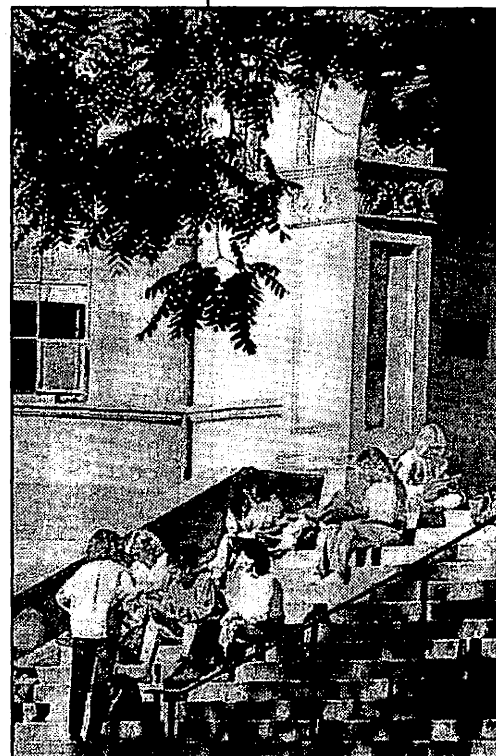
Application for summer admission to the Friday Harbor Laboratories must have been made to the director before March 1. Requests for additional information and all correspondence concerning application, courses, research facilities, and room and board costs should be addressed to the Director, Friday 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. The Henry Art Gallery is undergoing construction for a major expansion and renovation project, scheduled for completion in early 1997. During construction, the Henry will continue to sponsor lectures, film series and other programs on campus. Please call (206) 543-2280 for details.

Hours: Tuesday through Sunday, 11 a.m.-5 p.m.; and Thursday, 11 a.m.-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.

Student Services and General Information



**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.

Housing

University housing

Convenient accommodations are available during Summer Quarter in the residence halls and Stevens Court apartments. Parking spaces are available for an additional fee.

Half- and full-quarter accommodations: For single students staying at least one half-term, accommodations are single or double occupancy rooms. 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 18-Sept. 9.

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.

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.

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 offers 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 vi-

suals 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, video and graphics/animation are developed for student use in the center and other campus computing facilities. The Language and Cultural Corner is a general purpose facility used for informal language practice, moderated conversation groups, and special events, such as cultural activities, feature and documentary video and film viewing, 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 student computing, a free-study audio lab, satellite/cable/video viewing, and access to two electronic classrooms. Open during regular academic sessions. Hours are 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 University 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/educationally 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 admissions 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-1 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 in quarters.

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 Parking Services, 3901 University Way NE. Student ID validated for the summer quarter is required. 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. 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 at Parking Services 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.

The IMA has a fitness center (weight and cardiovascular machines), free weight room, facilities for aerobics, basketball, volleyball, racquetball, squash and badminton, saunas, locker rooms, swimming pool, outdoor tennis courts, sports fields and multi-purpose activity space.

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 16, 1995. 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 5, 1995. 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 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 24, 1995. Remember, you must retain your Spring Quarter Student ID Card to purchase summer facility use privileges.

Student affairs

The Division of Student Affairs assists the University in fulfilling its academic mission by providing a broad range of services and programs designed to further the educational and personal development of students. The division consists of ten units: Admissions and Records, Center for Career Services, Student Counseling Center, Disabled Student Services, Housing and Food Services, International Services Office, Recreational Sports Programs, Student Financial Aid, Student Publications, and Student Activities and Union Facilities.

Students are encouraged to contact the Office of the Vice President for Student Affairs, (206) 543-4972, 476 Schmitz, for information concerning various aspects of extra-class life at the University.

Student Services and General Information (cont.)

Student associations

Washington Student Lobby (WSL)

For details, please see page 138.

Washington Public Interest Research Group (WashPIRG)

For details, please see page 138.

Associated Students of the University of Washington (ASUW)

For details, please see page 142.

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

The Center for Career Services lists career related full-time jobs and part-time, temporary, summer and internship opportunities. Part-time student employment jobs, internships and summer jobs can be accessed through a 24-hour jobline by dialing (206) 543-1840. Hard copies of listings are also available on the first floor of Loew Hall or in 301 Loew Hall. See page 142 for more information about the Center for Career Services.

Student insurance

For details, please see page 137.

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/music listening lounge; television lounge; ticket office; and an art gallery exhibiting student work. Other services include a self-service postal vending station; a branch of U.S. Bank offering limited services; three cash machines; a bike repair shop; a carpool listing; an off-campus housing center; and a branch of the University Book Store; telephone: (206) 543-1447.

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) 543-1447.

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 138.

UW Distance Learning

Many UW courses are available by distance learning. With UW Distance Learning students can earn UW credits at home and complete courses at their own pace. Many courses have e-mail and voice-mail options which may be used to contact instructors and ask questions. Teachers can use unlimited distance learning credits for certification and endorsements. UW Distance Learning courses offered through UW Extension are listed on pages 150-152. For a UW Distance Learning catalog, call (206) 543-2320.

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 138.

Veterans information

Veterans, as well as the dependents of deceased or totally disabled veterans, may contact the Office of Special Services for information regarding VA educational benefits. Tuition reductions may be available for Washington residents who served in the Southeast Asian or Persian Gulf combat zones; children of POWs or MIAs; and nonresident active duty military personnel and their dependents stationed in Washington. You may obtain specific information from the Office of Special Services, 460 Schmitz, 355835, Seattle, WA 98195-5835, 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.

College code	Department or program name	Classification
A ... N MATR	NONMATRICULATED	A M
Architecture and Urban Planning, College of		
B ... ARCH	ARCHITECTURE	A M D C R
B ... B CON	BUILDING CONSTRUCTION	A M D C
B ... URBDP	URBAN DESIGN AND PLANNING	A M D C
B ... CEP	COMMUNITY & ENVIRONMENTAL PLANNING	C
B ... CAUP	COLLEGE OF ARCHITECTURE & URBAN PLANNING	M D C
B ... VS ARC	VISITING ARCHITECTURE	M
B ... LARCH	LANDSCAPE ARCHITECTURE	A M D C
Arts and Sciences, College of		
C ... AES	AMERICAN ETHNIC STUDIES	A M D C
C ... AFRAM	AFRO-AMERICAN STUDIES	M D C C
C ... AAS	ASIAN AMERICAN STUDIES	M D C C
C ... CHSTU	CHICANO STUDIES	M D C C
C ... ANTH	ANTHROPOLOGY	A M D C C
C ... AIS	AMERICAN INDIAN STUDIES	M D C C R
C ... ARCHY	ARCHAEOLOGY	M D C C
C ... PHY A	PHYSICAL ANTHROPOLOGY	M D C C
C ... AMATH	APPLIED MATHEMATICS	A M D C R
C ... ART	ART	A M D C C
C ... ART H	ART HISTORY	A M D C C
C ... ASIAN	ASIAN LANGUAGES & LITERATURE	A M D C C
C ... ALTAI	ALTAIC	M D C C C
C ... CHIN	CHINESE	M D C C C
C ... HINDI	HINDI	M D C C C
C ... INDN	INDIAN	M D C C C
C ... INDON	INDONESIAN	M D C C C
C ... JAPAN	JAPANESE	M D C C C
C ... KOREAN	KOREAN	M D C C C
C ... MONG	MONGOLIAN	M D C C C
C ... SNKRT	SANSKRIT	M D C C C
C ... TAGLG	TAGALOG	M D C C C
C ... TAMIL	TAMIL	M D C C C
C ... THAI	THAI	M D C C C
C ... TIB	TIBETAN	M D C C C
C ... VIET	VIETNAMESE	M D C C C
C ... ASTR	ASTRONOMY	A M D C C
C ... ATM S	ATMOSPHERIC SCIENCES	A M D C R
C ... BIOL	BIOLOGY	A M D C C
C ... BOTANY	BOTANY	A M D C C
C ... CHEM	CHEMISTRY	A M D C R
C ... BIOCHM	BIOCHEMISTRY	M D C
C ...	CHILD DEVELOPMENT RESEARCH GROUP	A
C ... EEP	EARLY ENTRANCE PROGRAM	M
C ... CLAS	CLASSICS	A M D C R
C ... CL AR	CLASSICAL ARCHAEOLOGY	C
C ... CL LI	CLASSICAL LINGUISTICS	C
C ... CL ST	CLASSICAL STUDIES	M D C
C ... GREEK	GREEK	M D C
C ... LATIN	LATIN	M D C
C ... CMU	COMMUNICATIONS	A M D C C
C ... CHID	COMPARATIVE HIST OF IDEAS	A M D C R
C ... C LIT	COMPARATIVE LITERATURE	A M D C R
C ... C SCI	COMPUTER SCIENCE	A M D C
C ... DANCE	DANCE	A M D C R
C ... DRAMA	DRAMA	A M D C R
C ... ECON	ECONOMICS	A M D C
C ... ENGL	ENGLISH	A M D C
C ... EURO	EUROPEAN STUDIES	A M D C R
C ... GEN ST	GENERAL STUDIES	A M D C
C ... COLST	COLLEGE STUDIES	M
C ... ENV S	ENVIRONMENTAL STUDIES	M D C R
C ... ETHNOM	ETHNOMUSICOLOGY	M D
C ... GIS	GENERAL & INTERDISCIPLINARY STUDIES	C
C ... MUSTEC	MUSIC TECHNOLOGY	M D C
C ... GENET	GENETICS	A M D C
C ... GPHYS	GEOPHYSICS	A M D C
C ... GEOG	GEOGRAPHY	A M D C
C ... GEOL	GEOLOGY	A M D C

College code	Department or program name	Classification
C ... GERMAN	GERMAN	A M D C R
C ... HIST	HISTORY	A M D C C R
C ... HSTAM	ANCIENT & MEDIEVAL HISTORY	M D C C
C ... HSTAS	HISTORY OF ASIA	M D C C
C ... HSTAA	HISTORY OF THE AMERICAS	M D C C
C ... HSTEU	MODERN EUROPEAN HISTORY	M D C C
C ... HA&S	HONORS - ARTS & SCIENCES	A C
C ... JSIS	JACKSON SCHOOL OF INTERNATIONAL STUDIES	A
C ... SISAF	INT ST : AFRICAN STUDIES	C
C ... SISCA	INT ST : CANADIAN STUDIES PROGRAM	M D C
C ... SISCH	INT ST : CHINA	M D C
C ... RELIG	COMPARATIVE RELIGION	M D C C
C ... SISEA	INT ST : EAST ASIAN STUDIES	M D C C
C ... SIS	INTERNATIONAL STUDIES	M D C C
C ... SISJA	INT ST : JAPAN	M D C
C ... SISJE	INT ST : JEWISH STUDIES	M D C
C ... SISO	INT ST : KOREA	M D C
C ... SISLA	INT ST : LATIN AMERICAN STUDIES	M D C C
C ... SISME	INT ST : MIDDLE EASTERN STUDIES	M D C C
C ... SISRE	INT ST : RUSSIAN & EAST EUROPEAN STUDIES	M D C C
C ... SISSA	INT ST : SOUTH ASIAN STUDIES	M D C C
C ... SISSE	INT ST : SOUTHEAST ASIAN STUDIES	M D C C
C ... LING	LINGUISTICS	A M D C C R
C ... MATH	MATHEMATICS	A M D C C R
C ... MICRO	MICROBIOLOGY	A M D C R
C ... MUSIC	MUSIC	A M D C C R
C ... MUSAP	APPLIED MUSIC	M D C C
C ... MUSED	MUSIC EDUCATION	M D C C
C ... MUSEN	MUSIC ENSEMBLE	M D C C
C ... MUHST	MUSIC HISTORY	M D C C
C ... NEAR E	NEAR EASTERN LANGUAGES & CIVILIZATION	A M D C R
C ... AKKAD	AKKADIAN	M D C C C
C ... ARAB	ARABIC	M D C C C
C ... ARAMIC	ARAMAIC	M D C C C
C ... COPTC	COPTIC	M D C C C
C ... HEBR	HEBREW	M D C C C
C ... PRSAN	PERSIAN	M D C C C
C ... TKIC	TURKIC	M D C C C
C ... TKISH	TURKISH	M D C C C
C ... UGARIT	UGARITIC	M D C C C
C ... PHIL	PHILOSOPHY	A M D C C R
C ... PHYS	PHYSICS	A M D C C R
C ... POL S	POLITICAL SCIENCE	A M D C C R
C ... SO JU	SOCIETY & JUSTICE	M D C C
C ... PREMAJ	PRE MAJOR	A M D C
C ... EXPBA	EXTENDED PRE B A	M
C ... EXPENG	EXTENDED PRE ENGINEERING	M
C ... EPRMJ	EXTENDED PRE MAJOR	M
C ... PREARC	PRE ARCHITECTURE & URBAN PLANNING	M
C ... PREART	PRE ARTS	M
C ... PRE BA	PRE BUSINESS ADMIN	M
C ... PRENGR	PRE ENGINEERING	M
C ... PRE HS	PRE HEALTH SCIENCES	M
C ... PREHUM	PRE HUMANITIES	M
C ... PREMAJ	PRE MAJOR (A&S)	M
C ... PRENUR	PRE NURSING	M
C ... P PHR	PRE PHARMACY	M
C ... PRESCI	PRE SCIENCES	M
C ... PSOC	PRE SOCIAL SCIENCE	M
C ... P SW	PRE SOCIAL WORK	M
C ... UNDEC	UNDECLARED 5TH YEAR	M
C ... V A&S	VISITING ARTS & SCIENCES	M
C ... PSYCH	PSYCHOLOGY	A M D C C
C ... ROMAN	ROMANCE LANGUAGES & LIT	A M D C C
C ... CATA	CATALAN	M D C C C
C ... FRENCH	FRENCH	M D C C C
C ... ITAL	ITALIAN	M D C C C
C ... PORT	PORTUGUESE	M D C C C
C ... PROV	PROVENCAL	M D C C C
C ... ROM LI	ROMANCE LINGUISTICS	M D C C C
C ... RMN	ROMANIAN	M D C C C
C ... SPAN	SPANISH	M D C C C
C ... SCND	SCANDINAVIAN LANG & LIT	A

College code	Department or program name	Classification
C... DANISH	DANISH	M D C R
C... FINN	FINNISH	C R
C... NORW	NORWEGIAN	M D C R
C... SCAND	SCANDINAVIAN	M D C R
C... SCAN A	SCANDINAVIAN AREA STUDIES	M D R
C... SWED	SWEDISH	M D C R
C... SLAVIC	SLAVIC LANGUAGES & LITERATURE	A M D C R
C... BULGR	BULGARIAN	C C
C... CR SB	CROATIAN-SERBIAN	C C
C... CZECH	CZECH	C C
C... HUNGR	HUNGARIAN	C C
C... POLSH	POLISH	C C
C... ROMN	ROMANIAN	C C
C... RUSS	RUSSIAN	M D C R
C... RL SL	RUSSIAN LIT / SLAVIC LITERATURE	R R
C... SLAV	SLAVIC	C R
C... UKR	UKRAINIAN	C C
C... SOC	SOCIOLOGY	A M D C
C... SP CMU	SPEECH COMMUNICATIONS	A M D C R
C... SPHC	SPEECH & HEARING SCI	A M D C
C... STAT	STATISTICS	A M D C
C... WOMEN	WOMEN STUDIES	A M D C R
C... ZOO	ZOOLOGY	A M D C

Business Administration, School of

E... ACCTG	ACCOUNTING	A M D C
E... BA	BUSINESS ADMINISTRATION	A M D C
E... ADMIN	ADMINISTRATION	C
E... BA RM	BUSINESS ADMIN RESEARCH METHODS	C
E... BA V	BUSINESS ADMIN VISITING	M
E... B CMU	BUSINESS COMMUNICATIONS	C
E... B ECON	BUSINESS ECONOMICS	C
E... B POL	BUSINESS POLICY	C
E... EMBA	EXECUTIVE MASTERS BUSINESS ADMINISTRATION	C
E... FIN	FINANCE	M D C
E... BUS AD	GRADUATE BUSINESS ADMIN	M D
E... HRMOB	HUMAN RES MNGT & ORGANIZATIONAL BEHAVIOR	C
E... IS	INFORMATION SYSTEMS	C
E... I BUS	INTERNATIONAL BUSINESS	C
E... IBUSC	INTERNATIONAL BUSINESS CERTIF	M
E... MKTG	MARKETING	M D C
E... OPMGT	OPERATIONS MANAGEMENT	C
E... OE	ORGANIZATION & ENVIRONMENT	C
E... QMETH	QUANTITATIVE METHODS	C

Dentistry, School of

U... DENT	DENTISTRY	A M D C
U... DENT C	DENT CONCURRENT DEGREE PROG	M D
U... D HYG	DENTAL HYGIENE	M D C
U... DPHS	DENTAL PUBLIC HEALTH SCIENCES	C
U... DENTCC	DENTCC (CERTIFICATE)	M D
U... DENT V	DENTISTRY VISITING STUDENT	M D
U... OS	ORAL SURGERY	C
U... PED DN	PEDIATRIC DENTISTRY	A M D
U... PEDO	PEDODONTICS	C
U... PERIO	PERIODONTICS	A M D C
U... ENDO	ENDODONTICS	A M D C
U... ORALB	ORAL BIOLOGY	A M D C
U... ORALM	ORAL MEDICINE	A M D C
U... ORTHO	ORTHODONTICS	A M D C
U... PROS	PROSTHODONTICS	A M D C
U... RES D	RESTORATIVE DENTISTRY	A C

Education, College of

H... EDUC	EDUCATION	A M D C
H... E ESL	ENGLISH AS 2ND LANGUAGE	M D
H... EBBED	BILINGUAL BICULTURAL ED	M D
H... EBIO	BIOLOGY (EDUCATION)	M D
H... EN SCI	NATURAL SCIENCE (EDUCATION)	M D
H... EDLPS	EDUC LEADERSHIP & POL STUDIES	C
H... EDUC C	EDUCATION (CONT CERTIFICATE)	M
H... EDUC I	EDUCATION (INITIAL CERTIFICATE)	M
H... EDTEP	EDUCATION (TEACHER PREPARATION)	M D C
H... EDC&I	EDUCATIONAL CURRIC & INSTR	C
H... EDPST	EDUCATIONAL PSYCHOLOGY	C
H... EDSPE	SPECIAL EDUCATION	C
H... EMUSIC	MUSIC (EDUCATION)	M

College code	Department or program name	Classification
Engineering, College of		
J... AERO	AERONAUTICS & ASTRONAUTICS	A M D C
J... CHEM E	CHEMICAL ENGINEERING	A M D C
J... CIV E	CIVIL ENGINEERING	A M D
J... CIV E	CIVIL ENGINEERING CORE COURSES	C
J... CEWA	ENVIRON ENGR & SCIENCE	C
J... CISM	STRUCTURAL & GEOTECHNICAL ENGINEERING & MECHANICS	C
J... CETS	TRANSPORTATION, SURVEYING & CONSTRUCTION ENGR	C
J... CSE	COMPUTER SCIENCE & ENGR	A M D C
J... CMP E	COMPUTER ENGINEERING	M D
J... EE	ELECTRICAL ENGINEERING	A M D C
J... ENGR	ENGINEERING	A M D C
J... ENGR V	ENGR VISITING	M
J... INT EN	INTERDISCIPLINARY ENGR	M D
J... NUC E	NUCLEAR ENGINEERING	C
J... IND E	INDUSTRIAL ENGINEERING	A M D C
J... M E	MECHANICAL ENGINEERING	A M D C
J... MEIE	MECHANICAL ENGR/INDUSTRIAL	C
J... MS E	MATERIALS SCIENCE & ENGR	A M D
J... CER E	CERAMIC ENGINEERING	M D C
J... MSE	MATERIALS SCIENCE & ENGR	C
J... M S&E	M S&E	M
J... MET E	METALLURGICAL ENGR	M D C
J... TC	TECHNICAL COMMUNICATIONS	A M D C

Forest Resources, College of

L... CFR	COLLEGE OF FOREST RESOURCES	A C
L... CN WR	CONSERVATION OF WILDLAND RES	M D R
L... ESC	ECOSYSTEM SCI & CONSERVATION	C
L... FOR E	FOREST ENGINEERING	M D
L... FE	FOREST ENGINEERING	C
L... F MGMT	FOREST MANAGEMENT	M D R
L... FOR R	FOREST RESOURCES (UNDECLARED GRAD) (PATH 00)	M D
L... FM	FOREST MANAGEMENT	C
L... FOR R	FOREST RESOURCES/ECONOMICS (PATH 05)	M D
L... FOR V	FORESTRY VISITING GRAD	M
L... PSE	PAPER SCIENCE & ENGINEERING	C
L... PRE FE	PRE FOREST ENGINEERING	M
L... PREFOR	PRE MAJOR FORESTRY	M
L... FOR PP	PULP & PAPER SCIENCE	M D
L... UR FOR	URBAN FORESTRY	M D
L... UHF	URBAN HORTICULTURE	C
L... WLD S	WILDLIFE SCIENCE	M D R
L... FOR WF	WOOD SCIENCE	M D

Interdisciplinary Graduate Programs

R... BEH NR	BEHAVIORAL NEUROSCIENCE	A M D C
R... BIO T	BIOLOGY TEACHING	A M D
R... GR UN	GRADUATE UNASSIGNED	A M D
R... GRAD V	GRADUATE VISITING	A M D
R... HA G	HEALTH ADMINISTRATION GROUP	A M D
R... IPHD	INDIVIDUAL PHD PROGRAM	A M D C
R... MCB	MOLECULAR & CELLULAR BIOL	A M D C
R... MUSEUM	MUSEOLOGY	A M D C
R... N&MES	NEAR & MIDDLE EASTERN STUDIES	A M D
R... NEUB	NEUROBIOLOGY	A M D
R... NCD	NONCURRENT DUAL DEGREE	A M D
R... NU EN	NUCLEAR ENGINEERING	A M D
R... NUTR	NUTRITIONAL SCIENCES	A M D C
R... QERM	QUANTITATIVE ECOL & RESOURCES	A M D C
R... QUAT	QUATERNARY SCIENCES	A M D C
R... UD&PL	URBAN DESIGN & PLANNING	A M D

Interschool or Intercollege Programs

O... AMMAP	ADVANCED MATERIALS & MANUFACTURING PROC	A C
O... AS	AEROSPACE STUDIES	A M C
O... BIOEN	BIOENGINEERING	A M D C
O... DNT O	DENTISTRY/ORAL BIOLOGY	A M D
O... FSTDY	FOREIGN STUDY	A C
O... FR EC	FOREST RESOURCES/ECONOMICS	A M D
O... HS BA	HEALTH SCIENCE/BUSINESS ADMIN	A M D
O... CNSR	CONSORTIUM	A C
O... IS BA	INTERNATION STIDIES/BUS ADMIN	A M D
O... IS EP	INTERNATIONAL STIDIES IN EPI	A M D
O... IS FOR	INTERNATIONAL STDY/FOREST RES	A M D
O... IS HS	INTERNATIONAL STIDIES/HEALTH S	A M D
O... IS LAW	INTERNATIONAL STUDIES/LAW	A M D

College code	Department or program name	Classification
O...IS MA	INTERNATIONAL STDY/MARINE ST	A M D
O...IS PA	INTERNATNL STDY/PUBLIC AFFAIRS	A M D
O...M SCI	MILITARY SCIENCE	A M C
O...NR HS	NURSING/HEALTH SERVICES	A M D
O...N HS	P&CN/HEALTH SERVICES	A M D
O...N SCI	NAVAL SCIENCE	A M C
O...PSN/HS	PSYCHOSOCIAL NURSING/ HEALTH SERVICES	A M D
O...Q SCI	QUANTITATIVE SCIENCE	A C
O...SW PH	SOCIAL WORK/PUBLIC HEALTH	A M D
O...UCONJ	UNIVERSITY CONJOINT	A C
O...UWCR	UW ELECTIVE CREDIT (MIL)	A C

Law, School of

X...LAW	LAW	A M D C
X...LAW A	LAW A	C
X...LAW B	LAW B	C
X...LAW C	LAW CONCURRENT DEGREE PROGRAM	M D
X...LAW V	LAW VISITING STUDENT	M D

Library and Information Science, School of

S...LIBR	LIBRARY & INFORMATION SCIENCE	A M D C
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Medicine, School of

Y...ANEST	ANESTHESIOLOGY	A C
Y...BIOC	BIOCHEMISTRY	A M D C
Y...B STR	BIOLOGICAL STRUCTURE	A M D C
Y...CMED	COMPARATIVE MEDICINE	A M D C
Y...FAMED	FAMILY MEDICINE	A C
Y...HUBIO	HUBIO	A C
Y...IMMUN	IMMUNOLOGY	A M D C
Y...LAB M	LABORATORY MEDICINE	A M D C
Y...MED T	MEDICAL TECHNOLOGY	M D
Y...MEDED	MEDICAL EDUCATION	A C
Y...MED	MEDICINE	A M D C
Y...CONJ	CONJOINT	C
Y...MED C	MED CONCURRENT DEGREE PROGRAM	M D
Y...MED V	MEDICINE VISITING GRAD	M D
Y...NEUR S	NEUROLOGICAL SURGERY	C
Y...OB GYN	OBSTETRICS & GYNECOLOGY	C
Y...MICROM	MICROBIOLOGY (MEDICINE)	A M D C
Y...OPHTH	OPHTHALMOLOGY	A C
Y...ORHP	ORTHOPAEDICS	A C
Y...OTOHN	OTOLARYNGOLOGY,HEAD & NECK SURGERY	A C
Y...PATH	PATHOLOGY	A M D C
Y...PEDS	PEDIATRICS	A C
Y...PHCOL	PHARMACOLOGY	A M D C
Y...MHE	MEDICAL HISTORY & ETHICS	A M D C
Y...P BIO	PHYSIOLOGY & BIOPHYSICS	A M D C
Y...PBCI	PSYCHIATRY & BEHAVIORAL SCIENCE	A C
Y...R ONC	RADIATION ONCOLOGY	A C
Y...RADGY	RADIOLOGY	A C
Y...REHAB	REHABILITATION MEDICINE	A M D C
Y...OT	OCCUPATIONAL THERAPY	M D
Y...PT	PHYSICAL THERAPY	M D
Y...PR O	PROSTHETICS & ORTHOTICS	M D
Y...SURG	SURGERY	A C
Y...UROL	UROLOGY	A C

Nursing, School of

N...NURS	NURSING	A M D C
N...CHCS	COMMUNITY HLTH CARE SYSTEMS	C
N...EXP NUR	EXTENDED PRE NURSING	M
N...NUR AF	NURSE AFFILIATES	M
N...NUR RN	NURSING RN/BS	M D
N...NURS V	NURSING VISITING STUDENT	M
N...PCN	PARENT & CHILD NURSING	C
N...PN	PHYSIOLOGICAL NURSING	C
N...PSN	PSYCHOSOCIAL NURSING	C

Ocean and Fishery Sciences, College of

K...FISH	FISHERIES SCIENCE	A M D C R
K...FISH V	FISHERIES VISITING STUDENT	M
K...FD SC	FOOD SCIENCE	M D C
K...P FISH	PRE MAJOR FISHERIES	M
K...SS FS	SEAFOOD SCIENCES / FOOD SCIENCES	R

College code	Department or program name	Classification
K...OCEAN	OCEANOGRAPHY	A M D C R
K...SMA	SCHOOL OF MARINE AFFAIRS	A M D C

Pharmacy, School of

P...PHARM	PHARMACY	A M D C
P...MEDCH	MEDICINAL CHEMISTRY	M D C
P...PHSCI	PHARMACEUTICAL SCIENCES	M D
P...PCEUT	PHARMACEUTICS	M D C
P...PHARM D	DOCTOR OF PHARMACY	M D
P...PHARM V	PHARMACY VISITING GRAD	M

Public Affairs, School of

Q...PBAF	PUBLIC AFFAIRS	A M D C
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Public Health and Community Medicine, School of

M...VIS PH	VISITING STUDENT PUBLIC HEALTH	M D
M...BIOST	BIOSTATISTICS	A M D C
M...ENV H	ENVIRONMENTAL HEALTH	A M D C
M...EPI	EPIDEMIOLOGY	A M D C
M...HIA	HEALTH INFORMATION ADMINISTRATION	C
M...MEDXD	MEDEX (DEGREE PROGRAM)	A M D
M...MEDXC	MEDEX (CERTIFICATE PROGRAM)	M
M...HSERV	HEALTH SERVICES	A M D C
M...PABIO	PATHOBIOLOGY	A M D C

Social Work, School of

T...SOCWRK	SCHOOL OF SOCIAL WORK	A
T...SOC WL	SOCIAL WELFARE (GRADUATE)	M D C
T...SOC WF	SOCIAL WELFARE (UNDERGRAD)	M D C
T...SOC W	SOCIAL WORK	M D C
T...VIS SW	SOCIAL WORK VISITING STUDENT	M

Evening Degree Program

D...PMJ E	PRE MAJOR, EVENING DEGREE	M
D...PBUS E	PRE BUSINESS-EVENING DEGREE	M
D...ANTH E	ANTHROPOLOGY, EVENING DEGREE	A M D
D...CMU E	COMMUNICATIONS, EVENING DEGREE	A M D
D...CONMGT	CONSTRUCTION MANAGEMENT	A M D
D...ENGL E	ENGLISH, EVENING DEGREE	A M D
D...HIST E	HISTORY, EVENING DEGREE	A M D
D...HUM E	HUMANITIES, EVENING DEGREE	A M D
D...GSE	GENERAL STUDIES, EVENING DEGREE	D
D...POL S E	POLITICAL SCIENCE	A M D
D...PSY E	PSYCHOLOGY, EVENING DEGREE	A M D
D...SOC E	SOCIOLOGY, EVENING DEGREE	A M D
D...SOC S E	SOCIAL SCIENCE, EVENING DEGREE	A M D
D...BUS E	BUSINESS, EVENING DEGREE	A M D

*Pending approval

UW Bothell Campus

V...B BUS	BUSINESS ADMINISTRATION	A M D C
V...B MGMT	MANAGEMENT	C
V...B MKTG	MARKETING	C
V...B EDUC	EDUCATION	A M D C
V...BLS	BOTHELL LIBERAL STUDIES	A M D C
V...BLSUS	BOTHELL LIBERAL STUDIES U S	M D C
V...BLSIN	BOTHELL LIBERAL STUDIES (INTR)	M D C
V...B UND	B UNDECLARED (5TH YEAR)	M
V...B VIS	BOTHELL VISITING STUDENT	M
V...B NURS	NURSING	A M D C
V...BPPROF	PRE PROFESSIONAL	A M
V...B NM	NONMATRICULATED BOTHELL	M

UW Tacoma Campus

Z...T BUS	BUSINESS ADMINISTRATION	A M D C
Z...T MGMT	MANAGEMENT	C
Z...T MKTG	MARKETING	C
Z...T EDUC	EDUCATION	A M D C
Z...TEDUCC	EDUCATION CERTIFICATE	M
Z...T LS	TACOMA LIBERAL STUDIE	A M D C
Z...T LSN	TACOMA LIBERAL STUDIES INTRN S	M D C
Z...T LUS	TACOMA LIBERAL STUDIES U S	M D C
Z...T UND	T UNDECLARED (5TH YEAR)	M
Z...T VIS	TACOMA VISITING STUDENT	M
Z...T NURS	NURSING	A M D C
Z...T PPROF	PRE PROFESSIONAL	A M
Z...T NM	NONMATRICULATED TACOMA	M

UW Distance Learning

UW Distance Learning is offered through UW Extension.

UW Distance Learning gives you connections to the University of Washington

With UW Distance Learning you can earn UW credits at home and complete courses at your own pace. You can enroll anytime. Many courses have e-mail and voice-mail options which you may use to contact your instructor and ask questions. Teachers can use unlimited Distance Learning credits for certification and endorsements.

How to Register

Complete the registration form on page 153. If you prefer to register by telephone and have a MasterCard or VISA, 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.

To receive the *UW Distance Learning Catalog* which contains complete course descriptions and registration information, call (206) 543-2320 or 1-800-543-2320.

Fees

The cost of these courses is \$66 per credit, \$70 per credit effective July 1, 1995, plus a \$15 non-refundable registration fee. 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 and study guide cost are available if you withdraw within one month of registration.

UW General Education Requirements

Many UW Distance Learning courses fulfill UW general education requirements. Please call an advisor at 685-2350 to discuss specific courses.

Continuing Nursing Education

Independent study courses are also offered by Continuing Nursing Education. For more 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 CSN1669

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)

Attend an open house and learn more about UW Distance Learning courses

Wednesday, May 24, 4:30-7:30 p.m. Kane Hall, Walker-Ames Room, on the UW campus

- Meet with advisors and instructors to discuss courses and materials
- Get questions answered by UW Distance Learning staff

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

C Programming

C PRO C900 Developing a C Application (4 CEUs; not offered for academic credit) Charles Britten Fee: \$264
CSN1726

Chemistry

CHEM C120 Chemical Science (5)
Sara Selfe CSN1587

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 Communications and Journalism (5) Gerald Baldasty
CSN1638

CMU C202 The Phenomenon of Communications (5) Katherine Heintz-Knowles
CSN1633 (R\$2)

CMU C320 Legal Aspects of Communication (5) David Danner CSN1676

Economics

ECON C200 Introduction to Microeconomics (5)
Leigh Anderson CSN1727

ECON C201 Introduction to Macroeconomics (5)
Leigh Anderson CSN1727

ECON C300 Intermediate Microeconomics (5) Luther H. Hodges CSN1588

Education

EDC&I C470 Science in the Elementary School (3) John Smith
CSN1671 (e-mail required, L\$57) 6-month enrollment

EDC&I C494 Workshop in Improvement of Curriculum: Using the Internet in K-12 Curriculum Development (5) Linda Baker
CSN1739 (e-mail required, Optional V\$10) 6-month enrollment

Educational Psychology

EDPSY C490 Basic Educational Statistics (3)
Robert Abbott CSN1679

Engineering

ENGR C231 Introduction to Technical Writing (3) Christi Ruscigno
CSN1674

TC C401 Style in Scientific and Technical Writing (3) Susan Rhodes
CSN1534 (R\$10)

English

ENGL C200 Reading Literature (5)
Alan Fisher CSN1661, 9-month enrollment

ENGL C225 W Shakespeare (5) D Charles Frey
CSN1709

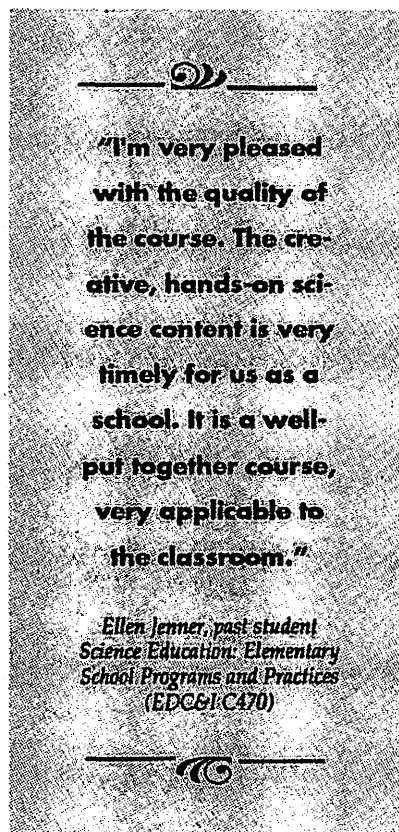
ENGL C242 Reading Fiction (5) Malcolm Griffith CSN1678

- ENGL C281 Intermediate Expository Writing (5) Robert Abrams CSN1710, 6-month enrollment
- ENGL C283 Beginning Verse Writing (5) Christianne Balk CSN1711
- ENGL C284 Beginning Short Story Writing (5) Carol Orlock CSN1712, 9-month enrollment
- ENGL C310 W The Bible as Literature (5) John Griffith CSN1713
- ENGL C323 W Shakespeare to 1603 (5) Charles Frey CSN1714
- ENGL C324 W Shakespeare after 1603 (5) Charles Frey CSN1715
- ENGL C325 English Literature: The Late Renaissance (5) Alan Fisher CSN1716
- ENGL C326 Milton (5) Alan Fisher CSN1717
- 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 C349 W Fantasy (5) Malcolm Griffith CSN1718
- 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 C381 Advanced Expository Writing (5) Robert Abrams CSN1719, 6-month enrollment
- ENGL C383 Intermediate Seminar: Verse Writing (5) Christianne Balk CSN1720
- ENGL C384 Intermediate Seminar: Short Story Writing (5) Carol Orlock CSN1722
- ENGL C477 W Children's Literature (5) John Griffith CSN1721
- ENGL C483 Advanced Seminar: Verse Writing (5) Christianne Balk CSN1723
- Environmental Science**
- ENV S C101 Introduction to Environmental Studies (5) David Fluharty CSN1617
- Food Sciences**
- FD SC C300 Nutrition for Today (3) Barbee Tucker CSN1616 (R\$31.50) Also offered as NUTR C300, see "Nutrition."
- French**
- FREN C101 Elementary French (5)* Michelle Bonhôte CSN1536 (T\$20) 9-month enrollment

- FREN C102 Elementary French (5)* Michelle Bonhôte CSN1550 (T\$20) 9-month enrollment
- FREN C103 Elementary French (5)* Michelle Bonhôte CSN1558 (T\$20) 9-month enrollment

Geography

- GEOG C102 World Regions (5) George Stoner CSN1523
- GEOG C277 W Geography of Cities (5) David Hodge CSN 1618



Germanics

- GERM C101 First-Year German (5)* Jochan Liesche CSN1635 (T\$15) 9-month enrollment
- GERM C102 First-Year German (5)* Jochan Liesche CSN1698 (T\$15) 9-month enrollment
- GERM C103 First-Year German (5)* Jochan Liesche CSN1699 (T\$15) 9-month enrollment

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

- HST C135 W History of the United States Since 1940 (5) Sharon Boswell CSN1634 (R\$7)

- 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

- IBUS C300 The International Environment of Business (5) John Hallaq CSN1691

Italian

- ITAL C101 Elementary Italian (5)* Michael Pettinger CSN1654 (T\$25) 9-month enrollment

- ITAL C102 Elementary Italian (5)* Michael Pettinger CSN1655 (T\$25) 9-month enrollment

- ITAL C103 Elementary Italian (5)* Michael Pettinger CSN1656 (T\$25) 9-month enrollment

Library

- LIBR C498 Using the Internet in Curriculum Development (5) Linda Baker CSN1742 (e-mail required, optional V\$10) 6-month enrollment

Linguistics

- LING C200 W Introduction to Linguistic Thought (5) Margaret Campos CSN1686

- LING C457 Language Development (4) Margaret Campos CSN1636 (R\$3) Also offered as PSYCH C457, see "Psychology."

Marketing

- MKTG C301 Marketing Concepts (4) John Hallaq CSN1740

- 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 C107 Mathematics: A Practical Art (5) Shana D. Calaway CSN1673

- 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 (R\$6.50)

Independent Study continued

- MATH C125 Calculus with Analytic Geometry (5) Shana D. Calaway CSN1672 (R\$6.50)
- 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
- MATH C307 Introduction to Differential Equations (3) Nancy Hsu CSN1658

Music

- MUSIC C331 History of Jazz (3) Tom Collier CSN1640 (R\$10, T\$43) 6-month enrollment

Nutrition

- NUTR C300 Nutrition for Today (3) Barbee Tucker CSN1616 (R\$31.50) Also offered as FD SC C300, see "Food Sciences."

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\$15)

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 CSN1606

Political Science

- POL S C101 W Introduction to Politics (5) D Stephen Hanson CSN1663 (V\$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\$14.50)
- 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 (V\$12)



"Mathematics is a powerful tool, but it's much more than that. I've tried to include some of the fun and beauty of mathematics in every course. I get a thrill when I succeed in communicating that to one of my UW Distance Learning students."

Shana Calaway, instructor (MATH C170)



- 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
- PSYCH C415 W Personality Development of the Child (5) Gregory Pierce CSN1681
- PSYCH C457 Language Development (4) Margaret Campos CSN1745 (R\$3) Also offered as LING C457, see "Linguistics."

Religious Studies/Comparative Religion

- RELIG C202 W Introduction to World Religions: Eastern Traditions (5) Linda Iltis CSN1685, 6-month enrollment

Rehabilitation Medicine

The following three courses are video courses developed in consultation with vocational rehabilitation counselors in Alaska, Idaho, Montana, Oregon and Washington. For details, please call (206) 543-2350.

- REHAB C496 Special Topics: Medical Aspects of Disability for Vocational Rehabilitation (3) Kurt Johnson
- REHAB C530 Medical Aspects of Vocational Counseling (3) Kurt Johnson
- REHAB C010 Medical Aspects of Disability (3 CEUs) Kurt Johnson Fee:\$210

Sociology

- SOC C110 Survey of Sociology (5) Virginia Paulsen CSN1629 (R\$6, Optional PC disk \$15)
- SOC C271 W Introduction to the Sociology of Deviance (5) Jana Pershing CSN1307
- SOC C347 Socialization (5) Virginia Paulsen CSN1539
- SOC C352 The Family (5) Beth Weinstein CSN1642, 9-month enrollment (R\$5.25)
- SOC C371 W Criminology (5) Jana Pershing CSN1542

Spanish

- SPAN C101 Elementary Spanish (5)* Ganesh Basdeo CSN1729, 9-month enrollment (T\$24)
- SPAN C102 Elementary Spanish (5)* Ganesh Basdeo CSN1730, 9-month enrollment (T\$24)
- SPAN C103 Elementary Spanish (5)* Ganesh Basdeo CSN1731, 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 C231 Introduction to Technical Writing (3) Christi Ruscigno CSN1674
- 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)

Mail completed form and fees to:
 UW Registration, GH-25
 5001 25th Ave. NE
 Seattle, WA 98105-4190

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

Registration Form for UW Distance Learning

To request disability accommodations, contact UW Extension as early as possible at
 (206) 543-2320; 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			() ()	() ()
City			Work telephone number	Home telephone number
State			() ()	() ()
ZIP code			E-mail address (optional)	FAX number (optional)

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

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

How did you hear about UW Distance Learning?

- UW adviser (9)
 Other college adviser (7)
 UW Distance Learning bulletin (4)
 UW Extension catalog (13)
 UW Time Schedule (19)
 Newspaper (2)
 Poster (28)
 Other (26)

UW student ID number _____

Have you ever taken a course through
 UW Distance Learning? yes no

For office use only	DANTES UWSA	Balance due Refund \$ _____	ID number _____	Bookstore order no. _____
			office phone mail _____ (mail date)	Date book ordered _____ Amount _____

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	<input type="checkbox"/> regular <input type="checkbox"/> S/NS <input type="checkbox"/> noncredit
Number of credits		
Course fee (\$66/credit; \$70/credit effective July 1)		
Supplemental materials:	Tapes	
	Readings	
	Lab kit	
	Other	
Foreign postage ¹		
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 _____

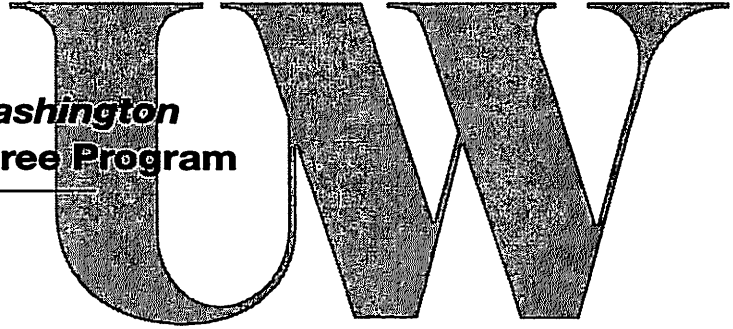
Name as it appears on card _____

Note: UW Distance Learning reserves the right to adjust fees, discontinue courses or change instructors as circumstances warrant.

¹Foreign 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 postage fee is \$15 for 1-3 credits and \$25 for 4 or more credits.

**University of Washington
Evening Degree Program**



Complete Your Degree in the Evening

You can complete a bachelor's degree or earn a master's degree by taking UW Evening Degree Program classes on the UW campus in Seattle. The UW Evening Degree Program consists of a wide variety of junior-, senior- and graduate-level courses.

Undergraduate Degrees

- **Anthropology**
- **Business** — With concentrations in marketing, management and general business
- **English**
- **History**
- **Humanities** — Including tracks in interpretation and communication, and literature, arts and culture
- **Political Science**
- **Psychology**
- **Social Sciences** — Includes tracks in social and environmental issues, law, politics and the economy, and gender, ethnicity and culture
- **Sociology**

Graduate Degrees

- **Master of Science in Construction Management**
- **Master of Social Work**
- The priority application deadline for Summer Quarter admission is May 15 and July 15 for Autumn Quarter.

For more information about the UW Evening Degree Program, call 543-6160.

For information about the Master of Social Work degree, please call 543-5676.543-0898 (TDD)



• A UW advisor is ready to help you

Call (206) 543-6160 to talk with a UW advisor about how you can resume your studies, select your major and reach your educational goal. Advisors are available Monday through Thursday until 7 p.m. and Friday until 5 p.m. to help.

• Attend an Open House

*Thursday, June 8, 5-7 p.m. in Kane Hall, Walker-Ames Room, on the UW campus.**

Advisors for each evening degree major will be available at the open house to answer questions about admission requirements and the curriculum.

**To request disability accommodations, please call 543-2320 or 543-0898 (TDD) as soon as possible.*

Guide to Classroom Locations

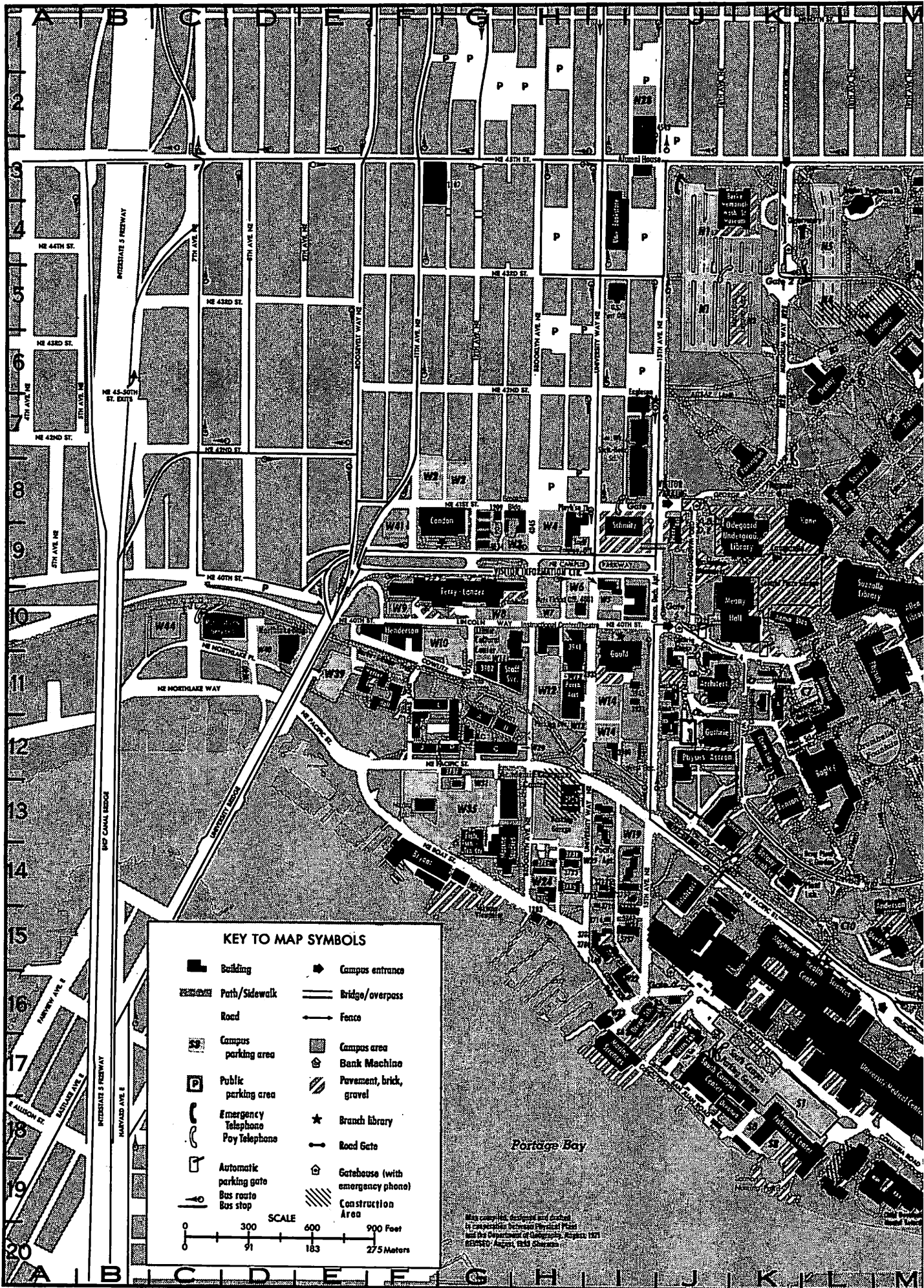
The three-letter abbreviation is spoken on STAR accompanied by the classroom number when the list schedule transaction (L#) is performed. The classroom abbreviation is also printed with the classroom number on your printed registration confirmation.

ACC Academic Computing Center (13-H)
 ADM Administration Building (10-K)
 AER Aerospace and Engineering Research Building (12-N)
 ALB Allen Library (10-M)
 AND Anderson Hall (14-M)
 ARC Architecture Hall (11-J)
 ART Art Building (6-M)
 ATG Atmospheric Sciences-Geophysics Building (12-K)
 BAG Bagley Hall (12-L)
 BGH Botany Greenhouse (14-K)
 BL1 UW Bothell Campus
 BLD Bloedel Hall (15-M)
 BLM Balmer Hall (5-M)
 BMM Burke Memorial Washington State Museum (4-J)
 BNS Benson Hall (13-K)
 BRY Bryant Building (14-F)
 CDC Child Development and Mental Retardation Center (19-M)
 CHL Chemistry Library Building (12-K)
 CDH Condon Hall (8-F)
 CQS Center for Quantitative Sciences in Forestry, 3731 University Way NE (15-I)
 CLK Clark Hall (7-O)
 CMA Ceramic and Metal Arts Building (5-X)
 CMU Communications Building (8-N)
 CNH Canoehouse (19-R)
 CSB* Seattle Central Community College
 CSH Conibear Shellhouse (13-R)
 CTU Clinical Training Unit (within CDC) (19-M)
 DEN Denny Hall (6-L)
 DSC Drama Scene Shop, 3939 University Way NE (10-H)
 ECC Ethnic Cultural Center (10-H)
 EDP Edmundson Pavilion (14-Q)
 EEB Electrical Engineering Building (13-N)
 EEU Experimental Education Unit (within CDC) (19-M)
 EGA Engineering Annex (12-O)
 EGL Eagleson Hall (6-I)
 ELB Engineering Library (11-O)
 FIS Fisheries Center (18-K)
 FLK Fluke Hall (9-P)
 FRH* Friday Harbor Laboratories
 FTR Fisheries Teaching and Research Center (14-G)

GA1 Guthrie Annex 1 (12-J)
 GA2 Guthrie Annex 2 (11-J)
 GA3 Guthrie Annex 3 (10-J)
 GDR Golf Driving Range (6-T)
 GHH* Group Health Hospital
 GLD Gould Hall (11-I)
 GTH Guthrie Hall (12-J)
 GUG Guggenheim Hall (11-N)
 GWN Gowen Hall (9-M)
 HAG Henry Art Gallery (9-J)
 HCK Hitchcock Hall (14-J)
 HHL Harris Hydraulics Laboratory (17-J)
 HLL Hall Health Center (9-O)
 HMC* Harborview Medical Center
 HND Henderson Hall (10-F)
 HPT Hughes Penthouse Theatre (4-L)
 HRC* Fred Hutchinson Cancer Research Center
 HSA Health Sciences Building wings A, B, and C (16-L)
 HSB Health Sciences Building wings AA and BB (17-L)
 HSD Health Sciences Building wings D, E, F, G, and H (16-K)
 HSI Health Sciences Building wing I (16-K)
 HSJ Health Sciences Building wing J (15-J)
 HSR Health Sciences Building wing RR (18-M)
 HST Health Sciences Building wing T (16-K)
 HUB Student Union Building (10-N)
 HUT Hutchinson Hall (5-M)
 ICH Cunningham Hall (11-K)
 ICT Instructional Center/Theater (10-H)
 IMA Intramural Activities Building (12-Q)
 JHA Johnson Annex A (11-K)
 JHN Johnson Hall (11-L)
 KIN Kincaid Hall (13-J)
 KNE Kane Hall (9-L)
 LEW Lewis Hall (6-N)
 LOW Loew Hall (11-O)
 MAR Marine Studies Building (14-G)
 MEB Mechanical Engineering Building (12-O)
 MKZ Mackenzie Hall (6-M)
 MNY Meany Hall (10-J)
 MLR Miller Hall (8-N)
 MOR More Hall (14-O)
 MSB Marine Sciences Building (17-I)
 MUE Mueller Hall (14-N)
 MUS Music Building (7-N)
 NOC Not on Campus
 NPL Nuclear Physics Laboratory (4-P)
 NRB Nuclear Reactor Building (13-O)

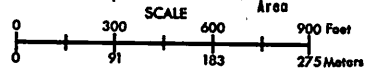
OBS Observatory (4-K)
 OCE Oceanography Building (18-K)
 ORB Oceanography Research Building (16-I)
 OTB Oceanography Teaching Building (16-I)
 OUG Odegaard Undergraduate Library (9-K)
 PAB Physics-Astronomy Building (13-J)
 PAR Parrington Hall (8-K)
 PDL Padelford Hall (8-O)
 PHY Physics Hall (11-L)
 PLT Plant Laboratory (14-K)
 PSC* Pacific Science Center
 RAI Raitt Hall (7-M)
 ROB Roberts Hall (14-O)
 SAV Savery Hall (8-L)
 SIG Sieg Hall (11-M)
 SMI Smith Hall (9-M)
 SMZ Schmitz Hall (9-I)
 SUZ Suzzallo Library (10-L)
 SWS Social Work/Speech and Hearing Sciences Building (7-I)
 TGB Graves Building (13-Q)
 THO Thomson Hall (9-N)
 TL1 UW Tacoma Campus
 UMC University Medical Center wings CC, EE, NE, NN, NW, SE, SS, and SW (18-L)
 UME University Medical Center wings EA, EB, and EC (18-M)
 WCL Wilson Ceramic Laboratory (15-O)
 WFS Winkenwerder Forest Sciences Laboratory (15-M)
 WIL Wilcox Hall (14-O)

*Off-campus facilities
 () Map coordinates.

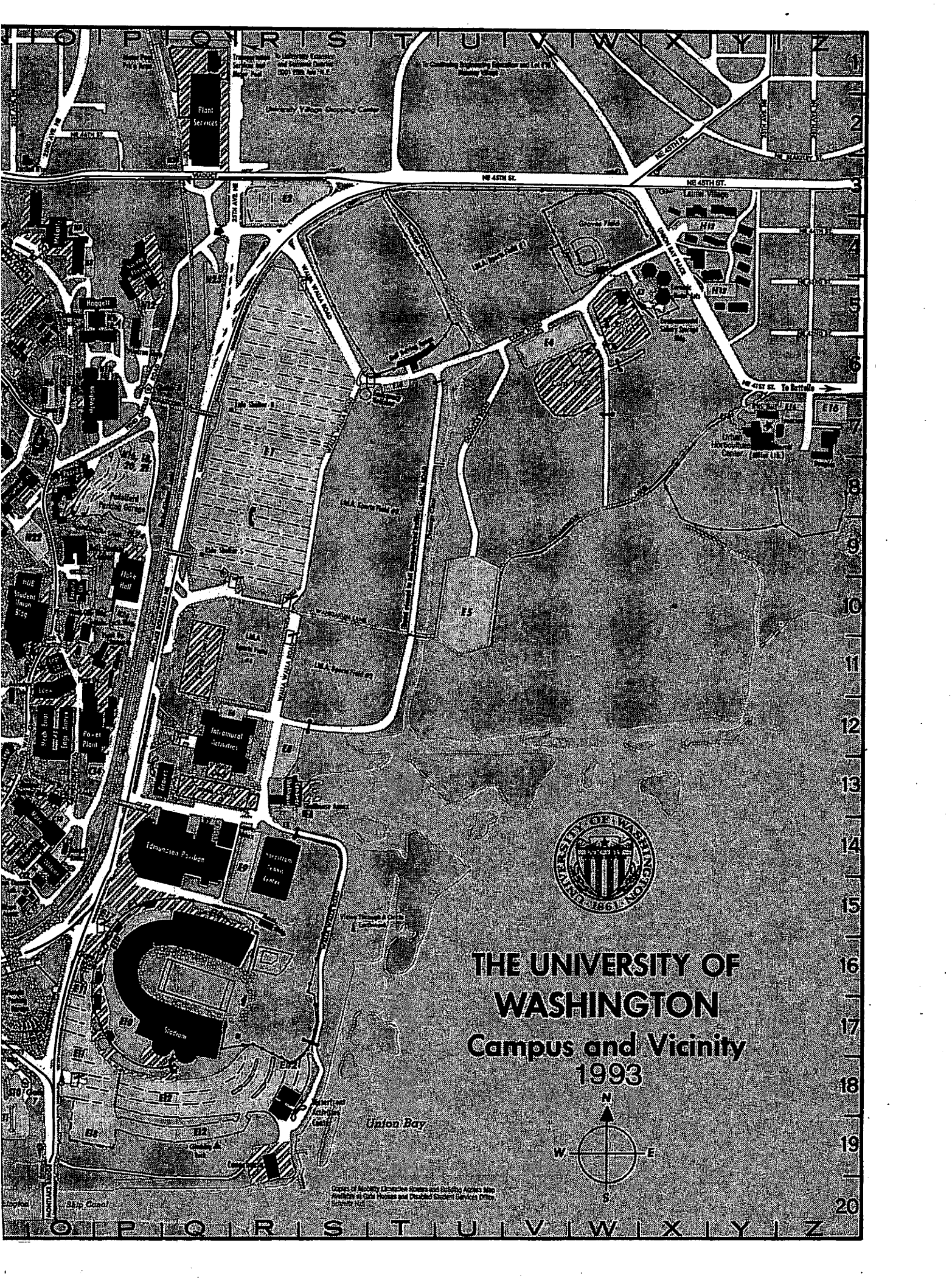


KEY TO MAP SYMBOLS

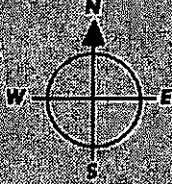
- | | | | |
|--|------------------------|--|----------------------------------|
| | Building | | Campus entrance |
| | Path/Sidewalk | | Bridge/overpass |
| | Road | | Fence |
| | Campus parking area | | Campus area |
| | Public parking area | | Bank Machine |
| | Emergency Telephone | | Pavement, brick, gravel |
| | Pay Telephone | | Branch library |
| | Automatic parking gate | | Road Gate |
| | Bus route | | Gatehouse (with emergency phone) |
| | Bus stop | | Construction Area |



Map compiled, designed and printed by Transportation Research Physical Plans and the Department of Geography, August, 1971. REVISED August, 1976. Changes.



**THE UNIVERSITY OF
WASHINGTON**
Campus and Vicinity
1993



Circle of Mobility (Circulator) Routes and Building Accessible
Routes at Gold Process and Disabled Student Services Office
Campus Map '93

Directory of Information Sources

<p>Academic and administrative offices</p> <p>Admissions and records Graduation and Academic Records 543-1803 Office of the Registrar 543-5378 Office of Undergraduate Admissions 543-9686 Registration Office 543-4000 Student ID card center 685-4120 Transcript Office 543-5940</p>	<p>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</p>	<p>UW Extension 543-2320 Veterans Affairs, Office of Special Services 543-6122</p> <p>Summer Quarter office 5001 25th Ave. NE 543-2320</p>
<p>Arts events Henry Art Gallery 543-2280 UW Arts Ticket Office 543-4880</p>	<p>Telephone Audio Library Information System (TALIS)</p> <p>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.</p>	<p>Residency classification 2141# Requirements for financially independent students 2142# Requirements for financially dependent students 2143# Application due dates 2144# To request an application</p>
<p>Emergencies University police from any phone on campus Dial 9-911</p>	<p>How to use TALIS</p> <ol style="list-style-type: none"> Using a touchtone telephone, call TALIS at 543-9000. After the greeting, press the 4-digit code followed by # associated with the information you desire. You may go directly to another message at any time by pressing the associated 4-digit code followed by #. When you are finished, just hang up. Our staff will be happy to answer any additional questions, 8 a.m.-5 p.m., weekdays. 	<p>Student accounts and aid disbursement 3101# Aid check disbursement schedule 3102# Student insurance premiums 3103# Tuition/fees payment procedures 3104# Tuition rates</p>
<p>Financial aid Financial aid general information 543-6101 Student employment 543-1840 Scholarships and work study 685-1985</p>	<p>TALIS codes</p> <p>Admissions 1101# Admission information</p> <p>Graduation 2101# Graduation application dates and information</p>	<p>State classified employee tuition exemption program 2171# Information</p> <p>Student loans <i>Loan information:</i> 4101# Loan application information 4102# Bank loan availability lists 4103# Loan signature hours and locations 4104# Loan exit interview times and dates 4105# Emergency Loan repayment 4111# Billing service information 4112# Past due loan accounts information 4113# Loan deferment information 4114# Loan postponement and cancellation</p>
<p>Health services Hall Health Center 685-1011</p> <p>Housing Campus housing 543-4059</p>	<p>Registration 2121# How to add and drop courses 2122# Address change information</p> <p><i>Quarterly academic calendar:</i> 2124# Autumn Quarter 2125# Winter Quarter 2126# Spring Quarter 2127# Summer Quarter</p>	<p>Transcripts 2152# How to order a transcript by mail 2153# How to order a transcript in person 2154# Enrollment certification and loan deferments</p>
<p>Information-general campus Main campus operator 543-2100 Visitors Information Center 543-9198</p>	<p><i>Registration period dates and information:</i> 2128# Autumn Quarter 2129# Winter Quarter 2130# Spring Quarter 2131# Summer Quarter</p>	<p>U-PASS 5101# Community transit information 5102# Metro transit information 5103# Night ride program 5104# U-PASS program</p>
<p>Libraries Library hours 543-0140 Suzzallo reference desk 543-0242 Odegaard reference desk 543-2060 Health Sciences Library 543-5530</p>	<p>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</p>	<p>Washington Public Interest Group (WASHPIRG) 6101# Information</p> <p>Withdrawal 2161# How to completely withdraw for a quarter</p>

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University of Washington summer-only 1995 application form*

After June 1, applications must be submitted in person. Mail/deliver completed 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.

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.

Please type or print clearly:

1. Social Security number (optional, but aids processing) _____ 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
If yes, please list place of employment (UW or state) _____

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: _____

15. Will you still be enrolled in high school in 1995-96? 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.

Boxed area for office use only

APP TYPE
S U M 9 5
QTR

CAMPUS
0

CLASS
0 6

MAJOR CODE
A N M A T R

NCR

RES

MAIL CODE (circle one)
W-O | S T F | S T A | N O N

SEX

APPL. FEE

FOR TYPE

DISB

VET

FAC/STAFF

ETHNIC

HISP

SPEC PROG
8 5

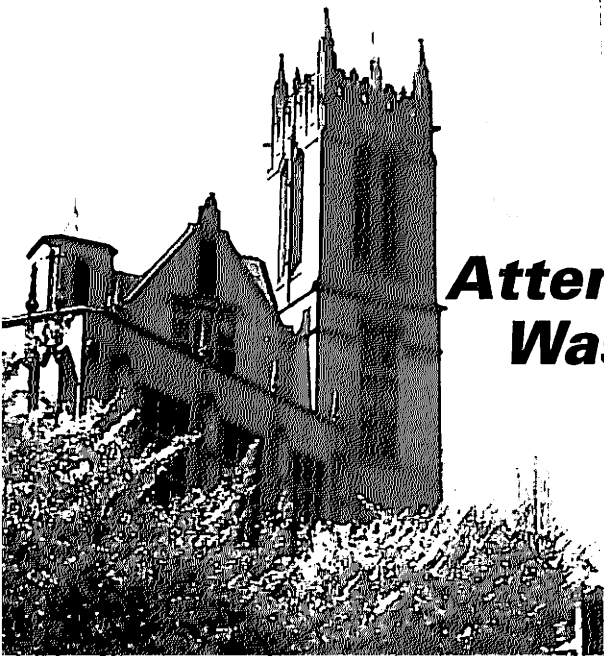
LAST SCHOOL CODE
0 0

LAST SCHOOL TYPE

HOME ADDRESS CODE

SDB entered DATE

initial



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