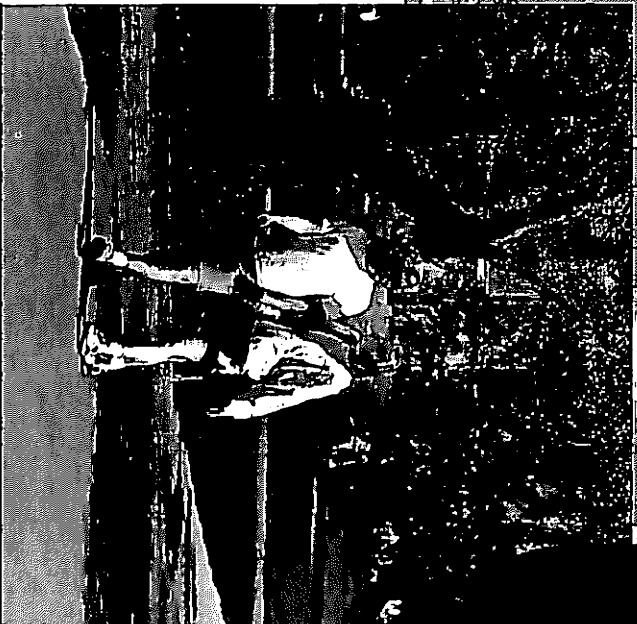


University of Washington

• Seattle • Tacoma

• Bothell



*Preliminary
Announcement
for UW students*

**Summer
Quarter
1995**

University of Washington

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



Continue your studies at the UW this summer

Summer is a special time to learn at the UW. Class size is typically smaller during Summer Quarter, and with fewer students registering, you're more likely to get the courses you need. Faculty members are often able to provide more personal instruction during the summer, due to smaller class size. Summer enrollment is especially appropriate for seniors who lack just a few credits for graduation, Juniors who plan to graduate in June 1996 and incoming freshmen who want to get a head start on their studies also benefit from the summer program.

Short terms are available

Short, four and one-half-week *a* and *b* terms are available during Summer Quarter. And some classes that are open only to majors in other quarters may be taken by nonmajors in the summer.

Over 1,500 courses

The UW offers more than 1,500 courses in over 100 fields of study in the summer, including many classes and workshops that are scheduled only once a year. Many courses fulfill UW general education requirements. There are also special summer institutes in music plus a broad range of courses in the schools of education, law and library science.

Earn up to a year's language credit in nine weeks

You can earn up to a year's language credit in nine weeks by completing an intensive summer language course. Courses are offered in more than a dozen languages including Arabic, Chinese, Czech, Greek, Hindi, Japanese, Swahili, Swedish, Russian and Uzbek. There are courses in major European languages as well.

In-state fees for most courses

Tuition for nonresidents is less in the summer than during other quarters, except for courses offered by the medical and dental schools. Both nonresidents and Washington state residents pay the same fees for most summer courses. Summer Quarter tuition for 1995 had not been determined at presstime. Summer 1994 tuition for full-time undergraduate students (taking 10 or more credits) was \$969. Tuition was \$1,049 for full-time graduate students (taking seven or more credits). Summer tuition for full-time medical and dental students (taking 13 or more credits) was \$2,486 for residents and \$6,311 for nonresidents. Fees are subject to change.

Register by STAR

Continuing UW students enrolled for Spring Quarter 1995 do not need to apply for Summer Quarter. Use the *Summer Quarter Bulletin and Time Schedule* available in mid-April and register by STAR the same way as for any other quarter. STAR registration begins in early May.

This *Preliminary Announcement* contains a Summer Quarter admission application for use by individuals other than continuing UW students. After you have finished reviewing the information in this announcement, please pass it on to someone who may be interested in attending Summer Quarter at the UW.

Summer Quarter 1995 sessions

June 19-August 18	Full Term
June 19-July 19	<i>a</i> Term
July 20-August 18	<i>b</i> Term

The Summer Quarter courses and fees listed in this Preliminary Announcement are tentative and subject to change. See the General Catalog for course descriptions. Course meeting days and times will be in the Summer Quarter Bulletin and Time Schedule, available in mid-April 1995.

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.*

■ *If you have never attended UW credit classes, mail to:*
 Office of Undergraduate Admissions, PC-30
 320 Schmitz Hall
 University of Washington
 Seattle, WA 98195

■ *If you have previously attended UW credit classes and have been assigned a student I.D. number, mail to:*
 Registration, PD-10
 225 Schmitz Hall
 University of Washington
 Seattle, WA 98195

3. You may register by touch-tone telephone as soon as you receive notification of acceptance but not before May 3, 1995. The *Summer Quarter Bulletin and Time Schedule* will include STAR registration instructions.

See *Admissions*, page 15, or call Summer Quarter Academic Advising, (206) 543-6160, for additional information.

*Note to continuing UW students

Continuing UW students enrolled for Spring Quarter 1995 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*
- May 3 STAR registration by phone begins for all other students
- May 31 Last day applications accepted by mail; later applications accepted in-person only
- June 19 Full Term and a Term classes begin; students billed for Summer Quarter tuition
- July 4 Independence Day holiday
- July 7 Tuition payment deadline
- July 19 a Term ends
- July 20 b Term begins
- Aug. 18 Full term and b Term end

*See registration section on page 15 for additional information.

Other important dates

For other application deadlines and important dates, please refer to the *Quick Reference Guide to Quarter Deadlines*, pages 18-19.

How to read course listings

The Summer Quarter 1995 courses listed in this preliminary announcement are tentative and subject to change.

Course descriptions, meeting days and times will be included in the *Summer Quarter Bulletin and Time Schedule*. ♦ 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. Some short, intensive workshops do not meet for the entire term length. In case you need additional course information, departmental phone numbers have been included below department section heads.

Course number	Term	Course title	Number of credits
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336 ♦ Jazz Arranging (2)

Courses offered through the Evening Degree Program and at the University of Washington Bothell and Tacoma campuses are listed on page 14.

College of Architecture and Urban Planning

COLLEGE OF ARCHITECTURE AND URBAN PLANNING (543-4217)

- 270 Computers in Environmental Design and Planning (3)

ARCHITECTURE (543-4180)

- 151 Appreciation of Architecture II (3)
 403 Architectural Problems (6)
 412 Architectural Illustration and Presentation (3)
 415 Architectural Sketching (3)
 420 Structural Design I (4)
 452◆ Characteristics of Puget Sound Architecture and Towns (3)
 460 Design Theory and Analysis (3)
 478 Special Projects (3-6, max. 12)
 C. *CAD and AutoCAD, MAC and PC* (4)
 498◆ Special Projects (3-6, max. 12)
 A. *Design Drawing I* (4)
 498▲ Special Projects (3-6, max. 12)
 B. *Design Drawing II* (4)
 C. *Career Discovery: Introduction to Architectural Design* (6)
 F. *Introduction to Architectural Photography* (5)
 506 Advanced Architectural Studies (6)
 598 Virtual Environments (3)
 596 Fieldwork in Professional Practice (*, max. 9)

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

BUILDING CONSTRUCTION (543-6377)

- 310◆ Construction Documents I (3)
 312◆ Introduction to the Construction Industry (3)
 315◆ Construction Materials (3)
 496◆ Construction Practice (3)

LANDSCAPE ARCHITECTURE (543-9240)

- 300 Introductory Landscape Architecture Design Studio (6)
 406 Individual Design Studio (6)
 450 History of Environmental Design of the Pacific Northwest (3)
 476 Professional Practicum (3-6, max. 6)
 498 Special Projects (1-10, max. 30)
 U. *History of Urban Design* (3)
 498◆ Special Projects (1-10, max. 30)
 A. *Multi-Media Studio* (6)
 B. *Restoration Design* (6)
 C. *Women and Landscape* (3)
 D. *Design and Graphics Workshop—San Juan Islands* (3)
 598◆ Special Topics (1-6, max. 9)
 A. *Restoration Design* (6)

Undergraduate Studies, Graduate Independent Study, Graduate Internship, Master's Thesis

URBAN DESIGN AND PLANNING (543-4190)

- 422 Geographic Systems in Planning Analysis (4)
 451◆ Housing (3)
 498 Special Topics (1-9, max. 15)
 B. *Site Planning for Subdivisions and Planned Unit Developments* (3)
 E. *Macintosh Workshop on Digital Graphic Media* (3)
 F. *Research and Professional Documents Computer Workshop* (3)
 498◆ Special Topics (1-9, max. 15)
 A. *Beyond Zoning: Land Use/Environmental Nexus* (3)
 C. *Neighborhood Planning and Community Sustain-Ability* (3)
 498▲ Special Topics (1-9, max. 15)
 D. *Land Use and Water* (3)
 G. *Desktop Publishing on the Macintosh* (3)

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

College of Arts and Sciences

AMERICAN ETHNIC STUDIES (543-5401)

- 150 Introduction to History of American Ethnic Groups (5)

Afro-American Studies

- 201 Introduction to Black Studies (5)
 260 Black Male/Female and Family Relationships (5)
 309 Intensive Basic Swahili (15)
Undergraduate Independent Study and Research

Asian American Studies

- 205 Asian American Cultures (5)
 206 Contemporary Problems of Asian Americans (5)
Undergraduate Independent Study and Research

Chicano Studies

- 201 Introduction to Chicano Studies (5)
 256 Chicanas: Gender and Race Issues (5)
Undergraduate Independent Study and Research

AMERICAN INDIAN STUDIES (543-9082)

- 110◆ American Indian Song and Dance Traditions (3)
 317▲ North American Indians: Southwest (5)
 475 Special Topics in Indian Studies (1-5, max. 15)
 A. *Northwest States Indian Myths and Tales* (5)

ANTHROPOLOGY (543-5240)

- 100 Introduction to Anthropology (5)
Master's Thesis, Doctoral Dissertation

Sociocultural Anthropology

- 202 Principles of Sociocultural Anthropology (5)
 203 Introduction to Anthropological Linguistics (5)
 301 Human Nature and Culture (5)
 321 Introduction to the Anthropological Study of Religion (3)
 353◆ Anthropological Studies of Women (5)
 405▲ Peoples of the Soviet Union (5)
 426▲ Peasant Culture and Society
 429 Expressive Culture (5)
 431 Oral Traditions
 451◆ 452▲ Phonology I,II (4, 4)
 461▲ Syntax I (4)
 475◆ Perspectives in Medical Anthropology (5)
 489 Anthropology Practicum (3-9, max. 15)
Undergraduate Research, Independent Study or Research

Archaeology

- 105 World Prehistory (5)
 205 Principles of Archaeology (5)
 270 Field Course in Archaeology (12):
Central Mississippi valley of southeast Missouri
 304 New World Archaeology (3)
 571 Field Course in Archaeology (5):
Central Mississippi valley of southeast Missouri
 591 Advanced Field Course in Archaeology (6-9)
Undergraduate Research, Independent Study or Research

Physical Anthropology

- 201 Principles of Physical Anthropology (5)
 370 Introduction to Primates (5)
Undergraduate Research, Independent Study or Research, Internship

APPLIED MATHEMATICS (543-5493)

Independent Study or Research, Doctoral Dissertation

ART (543-0646)

- 121, 122 Drawing I, II (5, 5)
 123, 124 Design I, II (5, 5)
 132 Figure Drawing (5)
 201 Ceramic Art: Handbuilding (5)
 202 Ceramic Art: Wheel Throwing (5)
 230 Introductory Photography (5)
 245 Introduction to Printmaking (5)
 246 Images on Paper (5)
 253 Design and Materials: Metal (3)
 256, 257 Painting (5, 5)
 258 Jewelry Design (5)
 265 Intermediate Drawing (5, max. 15)
 272 Beginning Sculpture Composition (5)
 307 Intermediate Painting (5, max. 10)
 332 Intermediate Sculpture Composition (5, max. 15)
 350 Printmaking Special Projects (5, max. 15)
 353 Intermediate Ceramic Art (5, max. 15)
 372◆ Intermediate Photography III (5)
 414 Introduction to Digital Imaging (5)

436◆ Sculpture Composition (5, max. 15)

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

B. *Computer Generated Image Making* (5)

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

D. *Contemporary Steel Smithing* (5)

E. *Altered Forms and Surfaces: A Studio* (5)

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

ART HISTORY (543-0646)

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

203 Survey of Western Art—Modern (5)

205 Survey of Tribal Art (5)

311 Chinese Art (5)

337 African Art and Society (5)

486 Abstract Expressionism: History and Myth (3)

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

ASIAN LANGUAGES AND LITERATURE (543-4996)

Asian Languages and Literature

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

Chinese

134 First-Year Intensive Chinese (15)

234 Second-Year Intensive Chinese (15)

Undergraduate Research

Hindi

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

Undergraduate Research

Indian

411 First-Year Intensive Bengali (15)

Japanese

134 First-Year Intensive Japanese (15)

234 Second-Year Intensive Japanese (15)

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

Undergraduate Research

Korean

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

ASTRONOMY (543-2888)

101 Astronomy (5)

150 The Planets (5)

581 Techniques in Optical Astronomy (5)

Undergraduate Research, Independent Study or Research, Doctoral Dissertation

ATMOSPHERIC SCIENCES (543-4250)

101 Weather (5)

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

BIOLOGY (543-9120)

100 Introductory Biology (5)

201 Introductory Biology (5)

203 Introductory Biology (5)


BOTANY (543-1942)

113 Plant Identification and Classification (5)

331◆ Landscape Plant Recognition (3)

458▲ Alpine Plant Ecology (5)

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


"The professors and TAs that I had during summer were among the best I have ever had at the UW. Also, I was pleased at how uncrowded the campus was, and how much smaller my classes were than during the regular school year. I would do it again in a heartbeat."

Alice Maloney

1994 UW Summer Student

CHEMISTRY (543-4791)

120 Introduction to General Chemistry (5)

140 General Chemistry (4)

141 General Chemistry Laboratory (1)

150 General Chemistry (4)

151 General Chemistry Laboratory (1)

160 General Chemistry (4)

161 General Chemistry Laboratory (2)

199 Special Problems (1, max. 6)

220 Introduction to Organic and Biochemistry

223◆ 224▲ Organic Chemistry—Short Program (4,4)

237, 238, 239 Organic Chemistry (4,4,3)

241, 242 Organic Chemistry Laboratory (3,3)

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

321 Quantitative Analysis (5)

455, 456 Physical Chemistry (3,3)

590 Seminar in General Chemistry (1, max. 18)

591 Seminar in Inorganic Chemistry (1, max. 18)

592 Seminar in Analytical Chemistry (1, max. 18)

593 Seminar in Organic Chemistry (1, max. 18)

595 Seminar in Physical Chemistry (1, max. 18)

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

CLASSICS (543-2266)

Classics Courses in English

101 Latin and Greek in Current Use (2)

205 Bioscientific Vocabulary Building from Latin and Greek (3)

424 The Epic Tradition (5)

430 Greek and Roman Mythology (3)

Greek

101◆ 102▲ Elementary Greek (5,5)

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

Supervised Study, Independent Study or Research

Latin

101◆ 102▲ Elementary Latin (5,5)

402 Medieval Latin Poetry (5)

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

Supervised Study, Independent Study or Research

Classics

Master's Thesis, Doctoral Dissertation

COMMUNICATIONS (543-8860)

201 History and Development of Communication and Journalism (5)

203 Mass Communications and Society (5)

320◆ Legal Aspects of Communications (5)

328 News Lab (8)

330 Principles of Public Relations (5)

339 Problems in Public Relations (5)

341 Beginning Advertising Copy and Layout (5)

345 Advertising Campaigns (5)

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

354 Basic Visual Communication (3)

358 TV News Reporting and Editing (5)

367 Broadcast Internship (2-5, max 6)

405◆ Mass Communications Research (5)

419 Government Mass Communications (5)

423◆ Journalism Ethics (5)

424◆ The Intellectual Foundations of American Journalism (5)

475◆ Communications and International Relations

486▲ Telecommunications Policy and Research (5)

498 Problems of Communications

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

COMPARATIVE HISTORY OF IDEAS (543-7333)*Senior Thesis, Independent Study or Research***COMPARATIVE LITERATURE (543-7542)**

- 230◆ Introduction to Folklore Studies (5)
- 240 Writing in Comparative Literature (5)
- 330◆ The European Fairy Tale (5)
- 357 Literature and Film (5)
- 421 Literature and Other Disciplines: Shakespeare and Opera (5)
- 422 Studies in Genre: The Novel (5)
- 424 The Epic Tradition (5)
- 496◆ Special Studies in Comparative Literature (3-5, max. 15)
 - A. *Law and Literature* (3)

*Directed Study or Research, Honors Thesis, Independent Study or Research, Master's Thesis, Thesis Colloquium, Doctoral Dissertation***DANCE (543-9843)**

- 101 Introduction to Dance I (5, max. 10)
- 110◆ 111▲ Jazz Technique I (2, max. 4)
- 201◆ 202▲ Ballet Technique II (*, max. 8)
- 204◆ Modern Technique II (*, max. 8)
- 490◆ Special Studies in Dance (1-3, max. 10)
 - A. *Caribbean*

*Independent Study or Research***DRAMA (543-5140)**

- 101 Introduction to the Theatre (5)
- 201 Dramatic Action (5)
- 302W Play Analysis (5)
- 454◆ Projects in Acting (3)
- 475◆ Modern English Theatre and Drama (5)
- 490◆ Special Studies in Acting-Directing (1-6)
 - A. *Beginning Tap Dance* (2)
- 491◆ Special Studies in Design-Technical (1-6)
 - A. *Intensive Stage Lighting Design Workshop* (5)
- 494◆ Special Studies in Theatre and Drama (5, max. 20)
 - A. *The Internet and Mosaic: Tools for Learning* (5)
- 495◆ Practicum in Design and Technical Theatre (2-6, max. 15)
 - A. *Aspects of Stage Costume Production* (3)

*Undergraduate Research, Independent Study or Research, Internship, Doctoral Dissertation***ECONOMICS (543-5955)**

- 200 Introduction to Microeconomics (5)
- 201 Introduction to Macroeconomics (5)
- 300 Intermediate Microeconomics (5)
- 301 Intermediate Macroeconomics (5)
- 311 Introduction to Economic Statistics (5)
- 404◆ Industrial Organization and Price Analysis (5)
- 406W Undergraduate Seminar in Economics (5)
- 422◆ Investment, Capital and Finance (5)
- 435 Natural Resources Economics (5)

- 450◆ Public Finance: Expenditure Policy (5)
- 460W Economic History of Europe (5)
- 471◆ International Trade (5)
 - Undergraduate Research, Independent Study or Research, Internship, Doctoral Dissertation*

ENGLISH (543-2634)

- 104 Introductory Composition (5-5)
- 111 Composition: Literature (5)
- 121 Composition: Social Issues (5)
- 131 Composition: Exposition (5)
- 197W Interdisciplinary Writing/Humanities (5, max. 15)
 - A. *Linked to ENGL 475*
- 198W Interdisciplinary Writing/Social Science (5, max. 15)
 - A. *Linked to PSYCH 305*
 - B. *Linked to PSYCH 306*
- 200W Reading Literature (5)
- 211◆ Medieval and Renaissance Literature (5)
- 212 Literature of the Enlightenment and Revolution (5)
- 213 Modern and Postmodern Literature (5)
- 225◆ Shakespeare (5)
- 228 English Literary Culture: To 1600 (5)
- 229 English Literary Culture: 1600-1800 (5)
- 230▲ English Literary Culture: After 1800 (5)
- 242W Reading Fiction (5)
- 250◆ Introduction to American Literature (5)
- 281 Intermediate Expository Writing (5)
- 283 Beginning Verse Writing (5)
- 284 Beginning Short Story Writing (5)
- 311 Modern Jewish Literature in Translation (5)
 - 321◆ Chaucer (5)
 - 323◆ Shakespeare to 1603 (5)
 - 326 Milton (5)
 - 333◆ English Novel: Early and Middle Nineteenth Century (5)
 - 334 English Novel: Later Nineteenth Century (5)
 - 337◆ The Modern Novel (5)
 - 340◆ Modern Anglo-Irish Literature (5)
 - 345 Studies in Film (5)
 - 352 American Literature: The Early Nation (5)
 - 355 American Literature: Contemporary America (5)
- 358▲ Literature of Black Americans (5)
- 363 Literature and the Other Arts and Disciplines (5, max. 10)
 - A. *Shakespeare and Opera* (5)
- 370 English Language Study (5)
- 381 Advanced Expository Writing (5)
- 383 Intermediate Verse Writing (5, max. 10)
- 384 Intermediate Short Story Writing (5)
- 471 The Composition Process (5)
- 475 Colloquium in English for Teachers (5, max. 10)
 - A. *Seattle Tutoring Center Writing Link* (5)
- 483 Advanced Verse Writing (5, max. 15)
- 485 Novel Writing (5, max. 15)
- 498W Senior Seminar (5)

- 506 Critical Approaches to Literary Texts (5)
- 562 Discourse Analysis (5)
 - 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, Master's Thesis, Doctoral Dissertation*

SUMMER PROGRAM IN ENGLISH AS A SECOND LANGUAGE (543-6242)

- 100 Intermediate ESL for International Students (0)
 - A. *Reading and Writing*
 - B. *Speaking and Listening*
- 101 High Intermediate ESL for International Students (0)
 - A. *Reading and Writing*
 - B. *Speaking and Listening*
- 102 Advanced ESL for International Students (0)
 - A. *Reading and Writing*
 - B. *International Teaching Assistant Training*

GENERAL STUDIES (543-2551)*Independent Fieldwork, Supervised Study in Selected Fields, Senior Study***GENETICS (543-1657)**

- 371 Introductory Genetics (5)
- 501 Introduction to Research Materials (3, max. 9)
 - Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

GEOGRAPHY (543-3246)

- 100 Introduction to Geography (5)
- 102 World Regions (5)
- 205 Introduction to Physical Sciences and the Environment (5)
- 277◆ Geography of Cities (5)
- 304 Western Europe (5)
- 326 Introduction to Geographic Research (5)
- 336 China (5)
- 360 Principles of Cartography (5)
- 448▲ Geography of Transportation (5)
 - Internship in Geography, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

GEOLOGICAL SCIENCES (543-1190)

- 101 Introduction to Geological Sciences (5)
- 306▲ Evolution of the Earth (5)
- 308 Geology of the Pacific Northwest (5)
- 312▲ Volcanoes and Glaciers of the Pacific Northwest (3)
- 401 Field Geology (10)
 - Undergraduate Thesis, Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation*

GEOPHYSICS (543-8020)

- 480 Special Topics in Geophysics (2-6, max. 12)
 - A. *Earth Sciences for Teachers* (4)
- Independent Study or Research*

GERMANICS (543-4580)

- 100 Intensive First-Year German (15)
 101, 103 First-Year German (5,5)
 121◆ 122▲ First-Year Reading German (5,5)
 200 Intensive Second-Year German (15)
 390◆ Germanic Studies in English
 (1-6, max. 15)
 A. *Intentional Phallacy: The Construction of Gender in Literary Texts of the Modern German Tradition* (5)
 497▲ Studies in German Literature
 (3-5, max. 15)
 A. *Thomas Mann and Mythology* (5)
 498◆ Studies in the German Language
 (1-6, max. 15)
 A. *Survey of the Germanic Languages* (5)
Independent Study or Research, Master's Thesis, Doctoral Dissertation

HISTORY (543-5790)**General History**

- 112 The Medieval World (5)
 113 The Modern World (5)
 193 World History, 1750-present (5)
 345 War and Society (5)
 449▲ Issues in Comparative Labor History (5)
 498W Colloquium in History (3-5, max. 15)
 A. *Selected Topics in Seattle's History* (*)
 B. *The First Crusade* (*)
 C. *Patriot Games* (*)

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

History of the Americas

- 201 Survey of the History of the United States (5)
 303 Modern American Civilization from 1877 (5)
 411◆ The United States During the Era of Civil War and Reconstruction (5)
 432 History of Washington and the Pacific Northwest (5)
 445 Economic History of The United States (5)
 488 History of the Caribbean and Central America (5)

Ancient and Medieval History (including Byzantine)

- 340 Medieval Women (5)
 402 Classical Greece (5)

History of Asia

- 202▲ Modern Indian Civilization (5)
 221▲ History of Southeast Asia (5)

Modern European History

- 304 Cultural History of Renaissance Europe (5)
 422▲ The French Revolution and Napoleon: 1789-1815 (5)
 452◆ Eastern Europe Since 1918 (5)
 454▲ Baltic History (5)
 476◆ Modern Irish History (5)

THE HENRY M. JACKSON SCHOOL OF INTERNATIONAL STUDIES (543-4370)**African Studies**

Undergraduate Research

Canadian Studies

Undergraduate Research

Chinese Regional Studies

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

Comparative Religion

- 220 Introduction to the New Testament (5)
 240▲ Introduction to the Bible (Old Testament) (5)
 324 The Emergence of Christianity (5)
Undergraduate Research, Independent Study or Research

International Studies

- 201▲ Introduction to International Political Economy (5)
 330◆ Political Economy of Development (5)
 426▲ World Politics (5)
 444◆ Peasants in Politics (5)
 450◆ Political Economy of Women and Family in the Third World (5)
 498 Readings in International Studies (5)
Undergraduate Research, Independent Study or Research

Japanese Regional Studies

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

Jewish Studies

Undergraduate Research

Korean Regional Studies

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

Latin American Studies

- 490 Special Topics (1-5, max. 15)
Undergraduate Research

Middle Eastern Studies

Independent Study or Research, Master's Thesis

Russian, East European and Central Asian Studies

- 405▲ Peoples of Russia (5)
 445▲ Politics and Society Eastern Europe (5)
Undergraduate Research, Independent Study or Research, Master's Thesis

South Asian Studies

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

Southeast Asian Studies

Undergraduate Research

LINGUISTICS (543-2046)

- 200◆ Introduction to Linguistic Thought (5)
 203 Introduction to Anthropological Linguistics (5)
 400◆ Survey of Linguistic Method and Theory (4)
 449 Second-Language Learning (3)
 451◆ 452▲ Phonology I, II (4, 4)
 461 Syntax I (4)
Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation

MATHEMATICS (543-6830)

- 111 Applications with Algebra (5)
 112 Application of Calculus to Business and Economics (5)
 120 Precalculus (5)
 124, 125, 126 Calculus with Analytic Geometry I, II, III (5,5,5)
 170, 171 Mathematics for Elementary School Teachers (3, 3)
 205 Elementary Linear Algebra (3)
 301 Elementary Number Theory (3)
 307 Differential Equations (3)
 308 Linear Algebra (3)
 309 Linear Analysis (3)
 324, 325 Advanced Calculus I, II (3,3)
 390 Probability and Statistics in Engineering and Science (4)
 394◆ 395▲ Probability I, II (3,3)
 402◆ 403▲ Introduction to Modern Algebra (3,3)
 407 Linear Optimization (3)
 411◆ 412▲ Introduction to Modern Algebra for Teachers (3,3)
 420 History of Mathematics (3)
 427, 428◆ 429▲ Topics in Applied Analysis (3,3,3)
 444, 445 Geometry for Teachers (3,3)
 487 Advanced Mathematics Computer Lab (2)
 498 Special Topics in Mathematics (2-5, max. 15)
 510 Seminar in Algebra (2)
 530 Seminar in Analysis (2)
 550 Seminar in Geometry (2)
 570 Seminar in Topology (2)
 590 Seminar in Probability (2)
Independent Study or Research, Master's Thesis, Doctoral Dissertation

MICROBIOLOGY (543-5824)

- 301 General Microbiology (3)
 302 General Microbiology Laboratory (2)
 320 Media Preparation (2)
 500 Introduction to Research (*, max. 20)
 555 Advanced Clinical Microbiology (2,5)
 556 Clinical Microbiology Training and Research (*, max. 12)
Honors Undergraduate Research, Undergraduate Library Research, Undergraduate Laboratory Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation

MUSIC (543-1239)**Courses Primarily for Nonmajors****Music**

- 116◆ Elementary Music Theory I (2)
- 120◆ Survey of Music (5)
- 162 American Popular Song (5)
- 317◆ Music Cultures of the World (5)
- 331◆ History of Jazz (3)

Courses Primarily for Music Educators and Music Majors**Applied Music**

- 220◆ MIDI Techniques (2)
- 221◆ Secondary MIDI Techniques (2)

Music Education

- 401◆ Tin Pan Alley: Concepts and Teaching Strategies for Music Educators (1)
- 402◆ Rock and Roll Roots for Music Educators (1)
- 405◆ Marching Band Techniques (2)
- 410◆ Instrumental Rehearsal Techniques (3)
- 431 Curriculum in Music Education (3)
- 475◆ Teaching the Music of Selected Cultures (1, max. 6)
 - A. *Southeast Asia* (1)
- 475▲ Teaching the Music of Selected Cultures (1, max. 6)
 - B. *Native Americans I* (1)
 - C. *Native Americans II* (1)
- 496◆ Special Topics in Music Education (1-3, max. 10)
 - A. *Teaching Music Through Folk Dance* (1)
 - B. *Music for Classroom Teachers* (3)
 - C. *Middle School Choral Pedagogy* (1)
 - D. *Jazz Literature and Rehearsal Techniques* (2)
 - E. *PCs for Marching Band: Arranging and Drill Writing* (1)
 - F. *Workshop in Junior High Band Repertoire* (1)
- 496▲ Special Topics in Music Education (1-3, max. 10)
 - G. *General Music in the Middle School Through Guitar* (1)
 - H. *Secondary School Pedagogy: Techniques and Materials* (1)
 - J. *General Music in the High School Through Guitar* (1)
 - K. *Mentoring Student Teachers* (1)
- 501◆ Introduction to Research in Music Education (3)
- 523◆ Tests and Measurements in Music (3)
- 524 Seminar in Music Education
 - A. *Music for Children: Research and Pedagogy* (3)
- 525▲ Seminar in Music Education
 - A. *General Music for Middle School* (3)
 - B. *Creative Experiences in Secondary General Music* (3)
- 550 Proseminar in Music Education (3)
- 560 Contemporary Issues in Music Education (2)

Music

- 344 Psychology of Music (3)
- 379 Junior Recital (1)
- 389, 589 World Music Laboratory (2-3, max. 18)
 - A. *Tibetan Buddhist Music*
 - B. *Yoruba Juju Music*
- 479 Senior Recital (1)
- 559 Master's Recital (3)
- 580 Advanced Conducting: Instrumental (3)
- 583◆ Advanced Conducting: Choral (3)
- 590 Doctoral Recital (*)
- 599◆ Advanced Selected Topics (*)
 - A. *Wagner as Theater: Wagner as Revolutionary* (2)
- 599▲ Advanced Selected Topics (*)
 - B. *Implementing the National Standards in Arts Education* (3)
 - C. *Tale of Two Cities: Madras and Tehran* (3)
 - D. *Wagner as Theater: The Artwork of the Future* (2)

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

Ensemble Courses and Applied Music

This summer private instruction in French horn, clarinet, trumpet, violin/viola, cello, piano, guitar, percussion, harp and voice are offered. Admission to these courses is by audition before the appropriate faculty. An additional fee of \$60 is charged for private instruction. 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.

Music Ensemble

- 300, 500 University Orchestra (1)
- 302◆ 502◆ Symphonic Band (1)
- 350▲ 550▲ University Chorale (1)

NEAR EASTERN LANGUAGES AND CIVILIZATION (543-6033)

Courses designated by () require 20 contact hours—students must also register for five credits of NE490.*

Arabic

- 470 Intensive Elementary Arabic (15)

Hebrew

- 470 Intensive Elementary Modern Hebrew (15)

Kazakh (Turkic)

- 477 Intensive Elementary Kazakh (15)*
- 427 Intensive Intermediate Kazakh (15)*

Kirghiz (Turkic)

- 479 Intensive Elementary Kirghiz (15)*

Tajik (Persian)

- 470 Intensive Elementary Tajik (15)*

Uzbek (Turkic)

- 478 Intensive Elementary Uzbek (15)*
- 426 Intensive Intermediate Uzbek (15)*

Near Eastern Courses in English

- 240▲ Introduction to the Bible (Old Testament) (5)
- Supervised Study, Independent Study or Research*

PHILOSOPHY (543-5855)

- 100 Introduction to Philosophy (5)
 - 115 Practical Reasoning (5)
 - 120, 120◆ Introduction to Logic (5)
 - 206 Philosophy of Feminism (5)
 - 240◆ Introduction to Ethics (5)
 - 267 Philosophy of Religion (5)
 - 320 Ancient Philosophy (5)
 - 322 Modern Philosophy (5)
 - 347◆ Philosophy in Literature (5)
 - 445◆ Philosophy of Art (5)
 - 450 Epistemology (5)
 - 484 Reading in Philosophy (1-5)
 - 584 Reading in Philosophy (1-4)
- Independent Study or Research, Doctoral Dissertation*

PHYSICS (543-2770)

- 110 Liberal Arts Physics (5)
 - 114, 115, 116 General Physics (4,4,4)
 - 117, 118, 119 General Physics Laboratory (1,1,1)
 - 121 Mechanics (4)
 - 122 Electromagnetism and Oscillatory Motion (4)
 - 123 Waves (4)
 - 131, 132, 133 Experimental Physics (1,1,1)
 - 224 Thermal Physics (3)
 - 225 Modern Physics (3)
 - 334◆, 335▲ Electric Circuits Laboratory (3,3)
 - 401 Special Problems (*)
 - 405 Physical Science for Teachers (2-5, max. 6)
 - 407 Physics for Teachers (5)
- Independent Study or Research, Doctoral Dissertation*

POLITICAL SCIENCE (543-1824, 543-2780)

- 101 Introduction to Politics (5)
- 202 Introduction to American Politics (5)
- 203 Introduction to International Relations (5)
- 204◆ Introduction to Comparative Politics (5)
- 212 Philosophy of Feminism (5)
- 270 Introduction to Political Economy (5)
- 303 Public Policy Formation in the United States (5)
- 305 The Politics of Mass Communication (5)
- 321◆ American Foreign Policy (5)
- 324 Europe in World Politics (5)
- 325◆ The Arab-Israeli Conflict (5)
- 326◆ Scandinavia in World Affairs (5)
- 346 Governments of Western Europe (5)
- 354 Elections and Voting in the United States (5)
- 356 Society and Politics (5)
- 360 Introduction to United States Constitutional Law (5)
- 361◆ United States Courts and Civil Liberty (5)

- 383 Environmental Politics and Policy in the United States (5)
 407 International Conflict (5)
 410◆ Technology, Politics, and The State (5)
 418◆ Multinationals and World Order (5)
 426▲ World Politics (5)
 445▲ Politics and Society in Eastern Europe (5)
 446 Peasants in Politics (5)
 447 Comparative Politics Seminar (5, max. 10)
 481◆ Big City Politics (5)
Undergraduate Internship, Individual Conference and Research, Independent Writing, Independent Study or Research, Master's Thesis, Doctoral Dissertation

PSYCHOLOGY (543-2640)

- 101 Psychology as a Social Science (5)
 102 Psychology as a Natural Science (5)
 200 Comparative Animal Behavior (5)
 201 Human Performance Enhancement (3)
 205 Introduction to Personality and Individual Differences (4)
 209 Fundamentals of Psychological Research (4)
 210 Introduction to Human Sexuality (4)
 213 Elementary Psychological Statistics (6)
 222 Survey of Physiological Psychology (3)
 231W Laboratory in Human Performance (3)
 232W Laboratory in Animal Learning (3)
 233W Laboratory in Animal Behavior (5)
 240 Behavior Modification (4)
 257 Psychology of Sex Differences (5)
 305 Abnormal Psychology (5)
 306 Developmental Psychology (5)
 322 Introduction to Drugs and Behavior (3)
 345 Social Psychology (5)
 347 Psychology of Language I (5)
 355 Survey of Cognitive Psychology (5)
 357 Psychobiology of Women (5)
 403 Motivation (5)
 410 Child and Adolescent Behavior Disorders (5)
 417W Human Behavior as a Natural Science (5)
 419W Behavioral Studies of Zoo Animals (4, max. 8)
 421 Neural Basis of Behavior (5)
 448 Seminar in Psychology (1-15)
 A. *Human Eating and Its Disorders (3)*
 449 Organizational and Industrial Psychology (3)
 466 Psychology of Judgement and Decision Making (5)
 490 Stress Management (3)
 498 Directed Reading in Psychology (1-3, max. 18)
 515 Modelling Experimental and Observational Data (4)
 560 Seminar (*)
 A. *Family Therapy Practicum (5)*
 B. *Statistical Computation and Graphics (3)*
 586 Clinical Personality Assessment (3)
 593 Clinic Practicum (1-6, max. 24)
 597 Field Work in Clinical Psychology (1-5, max. 36)

- 598 Directed Reading in Psychology (1-3, max. 18)
 599 Directed Research in Psychology (1-3, max. 24)
Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation

QUANTITATIVE SCIENCE

See Interschool or Intercollege Programs, page 12.

ROMANCE LANGUAGES AND LITERATURE (543-2020)

Romance Literature

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

"My Summer Quarter
 course was great. It
 was convenient taking
 a quarter-long class in
 five weeks. It enabled
 me to pass my
 master's program re-
 quirement for foreign
 language proficiency."

Shasta Turner
 1994 UW Summer Student

French

- 101 Elementary (5)
 101◆ 102▲ 103◆ Elementary (5,5,5)
 134 French in Action (15)
 201◆ 202▲ 203◆ Intermediate (5,5,5)
 301W◆ 302W▲ Advanced French (5,5)
 427 Fiction: Twentieth Century (5)
 461◆ Seventeenth Century Drama (5)
 499 Special Topics (1-5, max. 10)
 590 Special Seminar and Conference (1-10)
Special Topics, Special Seminar and Conference, Supervised Study, Independent Study or Research

Italian

- 101◆ 102▲ Elementary (5,5)
 134 Intensive First-Year Italian (15)
Special Topics, Special Seminar, Supervised Study, Independent Study or Research

Spanish

- 101◆ 102▲ 103◆ Elementary (5,5,5)
 134 Intensive First-Year Spanish (15)
 201◆ 202▲ 203◆ Intermediate (5,5,5)
 301◆ Advanced (3)
 491◆▲ Individual Authors and Special Topics in Spanish Literature (5, max. 10)
 A. *Latin American Cities and Literature Representation (5)*
Special Topics, Special Seminar and Conference, Supervised Study, Independent Study or Research

SCANDINAVIAN LANGUAGES AND LITERATURE (543-0645)

Intensive courses in first-year Lithuanian, Latvian and Estonian and a Baltic culture course are being planned for Summer Quarter 1995. For more information, please contact the department.

Scandinavian Courses in English

- 230◆ Introduction to Folklore (5)
 326◆ Scandinavia in World Affairs (5)

Scandinavian

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

Swedish

- 150 Intensive First-Year Swedish (15)

SLAVIC LANGUAGES AND LITERATURE (543-6848)

Independent Study or Research, Doctoral Dissertation

Czech

- 401, 402, 403 Elementary Czech (5,5,5)

Russian

- 150 Intensive First-Year Russian (15)
 250 Intensive Second-Year Russian (15)
 350 Intensive Third-Year Russian (15)
 450 Intensive Fourth-Year Russian (15)
Directed Study or Research, Independent Study or Research

Slavic

Directed Study or Research

SOCIETY AND JUSTICE (543-6523)

- 450◆ Special Topics (1-5, max. 15)
 A. *Crime and Law Enforcement in Natural Settings (5)*
Research in Society and Justice

SOCIOLOGY (543-5396)

- 110 Survey of Sociology (5)
 240 Introduction to Social Psychology: Perspectives on Individual Behavior (5)
 271◆ Introduction to the Sociology of Deviance (5)
 328◆ 329▲ Methodology of Sociological Research (5,5)
 356◆ Society and Politics (5)
 371 Criminology (5)
 372◆ Introduction to Criminal Justice (5)
 416◆ Sociological Theory (5)

- 450◆ Political Economy of Women and Family in the Third World (5)
 472◆ Juvenile Delinquency (5)
 481◆ Issues in Analytic Sociology (5)
Independent Study or Research, Internship, Master's Thesis, Doctoral Dissertation

SPEECH AND HEARING SCIENCES (543-7974)

- 111, 111◆ The American English Sound System (2, max. 4)
 350W Clinical Processes II: Treatment (4)
 370 Basic Audiometry (5)
 380 Introduction to Aural Rehabilitation (4)
 391 Practicum in Audiology (2)
 401 Neural Bases of Speech and Language (4)
 449◆ Special Studies in Speech Pathology and Audiology (*)
 A. *Counseling and Interaction Skills Part I (2)*
 449▲ Special Studies in Speech Pathology and Audiology (*)
 C. *Children's Language Disorders: An Overview of Service Delivery (3)*
 449 Special Studies in Speech Pathology and Audiology (*)
 B. *Counseling and Interaction Skills, Part II (1)*
 D. *Neurologic Disorders Across the Life Span (2)*
 453 Communication Augmentation for Non-Speaking Individuals (3)
 536 Assessment of Language Impairment in Children (5)
 551 Advanced Practicum in Speech Pathology Evaluation (1-9, max. 10)
 A. *UW Speech and Hearing Clinic (4)*
 B. *Child Development and Mental Retardation Center (4)*
 552 Advanced Practicum in Speech Pathology Management (1-9)
 A. *Clinical Processes*
 B. *Child Language*
 C. *Stuttering*
 D. *Advanced Adult Speech*
 E. *Advanced Child Speech*
 F. *Neurogenic Disorders*
 G. *Voice*
 555 Preinternship (1-9)
 575 Medical Backgrounds in Audiology (3)
 581 Management of Hearing-Impaired Children (3)
 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*
 599 Research Practicum (*, max. 12)
Undergraduate Research, Independent Study or Research, Internship, Master's Thesis, Doctoral Dissertation

SPEECH COMMUNICATION (543-4860)

- 102 Speech, the Individual and Society (5)
 103◆ 103 Interpersonal Communication (5)
 220◆ 220 Introduction to Public Speaking (5,5)
 301◆ Interviewing (5)
 334 Essentials of Argument (5)
 341◆ Oral Interpretation of Children's Literature (3)
 373 Principles of Group Discussion (5)
 474 Communication, Conflict and Cooperation (5)
 475 Organizational Communication (5)
 498◆ Special Topics in Speech Communication (2-5, max. 15)
 A. *Stage to Screen: Performing Plays (5)*
 498 Special Topics in Speech Communication (2-5, max. 15)
 B. *Communication and the Family (5)*
Undergraduate Research, Media Internship, Independent Study or Research, Master's Thesis, Doctoral Dissertation

STATISTICS (543-7237)

- 220 Basic Statistics (5)
 311 Elements of Statistical Methods (5)
 390 Probability and Statistics in Engineering and Science (4)
 394◆ 395▲ Probability I, II (3,3)
 578 Special Topics in Advanced Biostatistics (*, max. 3)
 A. *Spatial Statistics (3)*
 B. *Drug Evaluation (3)*
 599 Statistical Consulting (*, max. 12)
Independent Study or Research, Master's Thesis, Doctoral Dissertation

WOMEN STUDIES (543-6900)

- 205 Introduction to Global Perspectives on Women (5)
 206 Philosophy of Feminism (5)
 257 Psychology of Sex Differences (5)
 353 Anthropological Studies of Women (5)
 355 Gender and Masculinity (5)
 357 Psychobiology of Women (5)
 383▲ Social History of American Women (5)
 415◆ Gender Equity in Education (3)
 456◆ Feminism, Racism and Anti-Racism (5)
 490 Special Topics in Women Studies (2-5, max 15)
Undergraduate Research, Tutoring Women Studies, Fieldwork in Women Studies

ZOOLOGY (543-1620)

- 118 Survey of Physiology (5)
 119 Elementary Physiology Laboratory (1)
 451 Vertebrate Zoology (5)
 498 Special Problems in Zoology (1-5, max. 15)
Independent Study or Research, Master's Thesis, Doctoral Dissertation

School of Business Administration

Graduate Program: 543-4660
Undergraduate Program: 543-4350

ACCOUNTING

- 210 Introduction to Accounting (3)
 220 Fundamentals of Financial Accounting (3)
 230 Fundamentals of Managerial Accounting (3)
 301, 302, 303 Intermediate Accounting I,II,III (3,3,3)
 311 Cost Accounting (3)
 330 Introduction to Accounting Information Systems (3)
 371 Auditing or Industrial Internship (2)
 411 Auditing Standards and Principles (3)
 421 Tax Effects of Business Decisions (3)
 450 Business Taxation (3)
 451 Individual Income Taxation (3)
 485 Advanced Financial Accounting (3)
 530 Tax Issues in Property Ownership (4)
 579 Special Topics in Accounting (4, max. 12)
 A. *Estate and Gift Taxation (4)*
 B. *Fundamentals of International Taxation (4)*
 C. *Employee Tax Problems and Deferred Compensation (4)*

Undergraduate Research, Independent Study or Research

BUSINESS ADMINISTRATION

Doctoral Dissertation

BUSINESS COMMUNICATIONS

- 301 Basic Written Business Communications (4)

BUSINESS ECONOMICS

- 300 Managerial Economics (3)
 301 Money, National Income, and Prices (4)
 420 Financial Markets (4)
 427 International Finance (4)

Undergraduate Research, Independent Study or Research

BUSINESS POLICY

- 470 Business Policy (4)
 471 Small Business Management (4)
Undergraduate Research, Independent Study or Research

FINANCE

- 350 Business Finance (4)
 453 Financial Theory and Analysis (4)
 460 Investments (4)
 560 Investments (4)
Undergraduate Research, Independent Study or Research

HUMAN RESOURCES MANAGEMENT AND ORGANIZATIONAL BEHAVIOR

- 301 Personnel Systems and Industrial Relations (3)

- 400 The Management of Organizational Behavior (4)
 410 Staffing (4)
 515 Performance Appraisal and Compensation (4)
 520 Collective Bargaining (4)
 550 Leadership (4)
 560 Negotiations (4)

Undergraduate Research, Independent Study or Research

INFORMATION SYSTEMS

- 300 Introduction to Information Systems (4)
 320 Fundamentals of Application Programming (4)
 422 Applications Programming for Information Systems (4)
 460 Systems Analysis and Design I (4)
 461 Systems Analysis and Design II (4)
 470 Business Data Communications (4)
 480 Database Management (4)
 495 Practical Experience in Information Systems (1-4, variable)

Undergraduate Research

INTERNATIONAL BUSINESS

- 300 The International Environment of Business (3)
 440 Business in Japan (4)
 470 Management of International Trade Operations (4)
 550 International Business Environment (3)

Undergraduate Research, Independent Study or Research

MARKETING

- 301 Marketing Concepts (4)
 310 Product and Price Policies (4)
 340 Advertising (4)
 450 Consumer Behavior (4)
 460 Marketing Research (4)
 579 Special Topics in Marketing (4, max. 12)

Undergraduate Research, Independent Study or Research

OPERATIONS MANAGEMENT

- 301 Principles of Operations Management (4)

Undergraduate Research, Independent Study or Research

ORGANIZATION AND ENVIRONMENT

- 200 Introduction to Law (5)
 302 Organization and Environment (4)
 403 Commercial Law (5)
 440 Organization Structure (3)

Undergraduate Research, Independent Study or Research

QUANTITATIVE METHODS

- 201 Introduction to Statistical Methods (4)
 520 Managerial Applications of Regression Models (4)

Undergraduate Research, Independent Study or Research

College of Education

Additional College of Education courses are offered at the UW Bothell and Tacoma Branch Campuses. For details, see page 14.

INDEPENDENT STUDY, RESEARCH AND FIELD EXPERIENCES

Master's Thesis, Doctoral Dissertation

EDUCATIONAL CURRICULUM AND INSTRUCTION (543-1847)

- 424◆ Multicultural Curriculum and Instruction (3)
 425◆▲ Learning Variables of Minority Youth (3)

Many College of Education courses are short workshops that begin later than June 19.

Academic Programs for Teachers

Various content area courses and institutes will be offered this summer through Academic Programs for Teachers. Call 543-2320 to be added to the mailing list.

For information about how to access a K-12 UW Resource Guide for teachers and students on the Internet, call 543-2320.

- 453◆ Teaching the Bilingual/Bicultural Student (3)
 456▲ Workshop in Instructional Improvement: Language Arts (1-6, max. 15)
 A. *Multicultural Literature for K-12* (3)
 B. *ESL Reading* (3)
 457◆ Methods in Teaching ESL (3)
 465▲ Social Studies Education: Elementary School Programs and Practices (3)
 466 Social Studies Education: Secondary School Programs and Practices (3)

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

- A. *Teaching with Biographies: An Integrated Approach* (3)
 B. *Using Museums for Teaching and Learning* (3)

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

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

- 472▲ Environmental Education for Teachers (3)

- 473◆ Workshop in Instructional Improvement: Science (1-6, max. 15)

- A. *Science Technology and the Internet* (3)
 B. *Pacific Science Center: Weather for Teachers* (3)

- 473▲ Workshop in Instructional Improvement: Science (1-6, max. 15)

- C. *Pacific Science Center: Science and Children's Literature* (3)
 D. *Science and Social Studies Resources in the Community* (3)

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

- A. *Integrating the Curriculum* (3)
 B. *The Internet: Access and Use in Education* (3)

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

- A. *Teaching in the Inclusive Classroom* (6)

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

- B. *ESL Materials, Assessment and Instruction* (3)

- 496◆ Workshop in Instructional Improvement (2-6, max. 6)

- A. *Introduction to Multimedia for Instructors* (3)
 B. *Workshop in Teaching and Learning in the Graphic and Lively Arts* (3)
 C. *Visual Literacy in the Context of Media* (3)
 D. *Art Methods through Technology* (3)
 U. *Making the Bridge: Elementary School Mathematics Teaching from the Multicultural Perspective* (3)
 V. *Design and Authoring of Multimedia Instructional Programs for the Classroom* (3)

- 496▲ Workshop in Instructional Improvement (2-6, max. 6)

- E. *Using Multimedia in Instructional Design* (3)

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

- A. *Designing and Using Classroom Literacy Portfolios* (3)
 B. *Improving the Literacy Achievement of Students with Diverse Backgrounds* (3)

- C. *Adult Authors of Color: Readings for Teachers* (3)
 - D. *History of African Americans in Seattle: Content and Methods* (3)
 - U. *Themes and Evocations: Literacy in K-12 Classrooms* (3)
 - V. *Religion and Spirituality in the Curriculum* (3)
- 530◆ Seminar in Analysis of Approaches for Teaching Reading (3)
- 556◆ Elementary School Curriculum (3)
- 558◆ Secondary School Curriculum (3)
- 559◆ Principles and Procedures of Curriculum Development (3)
- 563◆ Current Issues in Language Arts Education (1-3, max. 6)
- 570◆ Seminar in Science Education: Elementary Emphasis (3)
- 571◆ Seminar in Science Education: Secondary Emphasis (3)
- Undergraduate Research, Field Study, Independent Studies in Education, Independent Study or Research, Internship*

EDUCATIONAL LEADERSHIP AND POLICY STUDIES (543-1891)

- 505 Transition to Leadership (3)
- 519◆ Special Topics in Educational Leadership (1-3, max. 9)
- A. *Stress in the Workplace* (3)
- 519 Special Topics in Educational Leadership (1-3, max. 9)
- B. *Religious Right and Public Education* (3)
 - C. *The Liberal-Conservative Debate* (3)
- 535◆ Seminar: Research in History of Education (3, max. 6)
- 549 Special Topics in Educational Studies (1-3, max. 9)
- 579▲ Special Topics in Organizational and Policy Analysis (1-3, max. 9)
- A. *Creating the Learning Community: Rethinking American Education* (3)
- Independent Study or Research, Internship*

EDUCATIONAL PSYCHOLOGY (543-6347)

- 490 Basic Educational Statistics (3)
- 501◆ Human Learning and Educational Practice (3)
- 542◆ Career Development (3)
- 555◆ Seminar in Counseling Specialty (1-2, max. 6)
- A. *The School Counselor, Professional Functions* (2)
- 555▲ Seminar in Counseling Specialty (1-2, max. 6)
- B. *Violence and Gangs* (2)
- 566◆ Case Study Seminar (1, max. 4)
- A. *Continuing Counseling Certification* (1)
- 566▲ Case Study Seminar (1, max. 4)
- B. *Continuing Counseling Certification* (1)
- 571 Educational Applications of Neuropsychology: Assessment and Intervention (5)

- 581 Seminar in Educational Psychology (1-3, max. 15)
- A. *The Thematic Apperception Text* (3)
- 581◆ Seminar in Educational Psychology (1-3, max. 15)
- B. *History and Systems* (3)
- 581▲ Seminar in Educational Psychology (1-3, max. 15)
- C. *Crisis Intervention* (2)
- 591 Methods of Educational Research (3)
- Undergraduate Research, Field Study, Independent Studies in Education, Independent Study or Research, Case Study Seminar, Internship, Practicum*

"The UW offers a
 variety of courses for
 teachers like myself
 who take advantage
 of their summer
 time gaining
 continuing credits.
 I especially like the
 science workshops"

Kathleen Fowler
 1993 Summer Student

SPECIAL EDUCATION (543-1827)

- 404◆ Exceptional Children (3)
- 414◆ Introduction to Early Childhood Special Education (3)
- 419◆ Interventions for Families of Children with Disabilities (3)
- 496 Workshop in Special Education (1-9, max. 15)
- A. *Individual Topics* (1-6)
- 496◆ Workshop in Special Education (1-9, max. 15)
- C. *Techniques of Consultation and Collaboration in Special Education* (3)
 - F. *Teaching in the Inclusive Classroom* (6)
- 496▲ Workshop in Special Education (1-9, max. 15)
- B. *Inclusion* (3)
 - D. *Classroom Management* (3)
 - E. *Behavior Management* (3)

- 514▲ Fundamentals of Reading for Children with Disabilities (3)
- 520◆ Seminar in Applied Special Education (1-12, max. 12)
- A. *Contexts of Exceptional Instruction* (3)
 - C. *Specific Numeracy Techniques for Elementary Students with Mild Disabilities* (3)
- 520▲ Seminar in Applied Special Education (1-12, max. 12)
- B. *Legal, Classification and Organization Issues* (3)
 - D. *Literacy* (3)
- Field Study, Independent Studies in Education, Independent Study or Research, Internship*

College of Engineering

AERONAUTICS AND ASTRONAUTICS (543-1950)

- 499 Special Projects (2-5, max. 10)
- 599 Special Projects (1-5, max. 15)
- Independent Study or Research, Master's Thesis, Doctoral Dissertation*

CHEMICAL ENGINEERING (543-2250)

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

CIVIL ENGINEERING (543-2390)

Civil Engineering Core Courses

- 380 Elementary Structures II (3)
- 405 Construction Planning and Scheduling (3)
- 451 Design of Metal Structures (3)
- 481 Environmental Engineering Design (3)
- 499 Special Projects: Transportation, Construction, and Geometrics (1-5, max. 6)
- Master's Thesis, Doctoral Dissertation*

Structural and Geotechnical Engineering, and Mechanics

- 599 Special Topics: Structures and Mechanics (2-5, max. 15)
- Independent Study or Research*

Transportation, Surveying and Construction Engineering

- 599 Special Topics: Transportation, Construction and Geometrics (2-5, max. 15)
- Independent Study or Research*

Environmental Engineering and Science

- 599 Special Topics: Water and Air Resources (2-5, max. 15)
- Independent Study or Research*

COMPUTER SCIENCE AND ENGINEERING (543-1695)

- 142 Computer Programming for Engineers and Scientists I (4)
 143 Computer Programming for Engineers and Scientists II (5)

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

ELECTRICAL ENGINEERING (543-2142)

- 235 Signal Analysis (4)
 331, 332 Devices and Circuits I, II (5,5)
 361 Applied Electromagnetics (5)
 371 Digital Circuits and Systems (5)
 399 Special Topics in Electrical Engineering (1-5)
 433 Analog Circuit Design (5)
 446 Control System Analysis I (4)
 499 Special Projects (2-5, max. 10)
 505 Introduction to Probability and Random Processes (4)
 599 Selected Topics in Electrical Engineering (*)

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

ENGINEERING (COLLEGE COURSES) (543-8590)

- 123 Introduction to Engineering Graphics (4)
 142 Computer Programming for Engineers and Scientists I (4)
 170 Fundamentals of Materials Science (4)
 199 Special Projects (1-3, max. 3)
 210 Engineering Statics (4)
 215 Fundamentals of Electrical Engineering (4)
 220 Introduction to Mechanics of Materials (4)
 230 Kinematics and Dynamics (4)
 231 Introduction to Technical Writing (3)
 260 Thermodynamics (4)
 315 Probability and Statistics for Engineers (3)
 321 Engineering Cooperative Education (2-, max. 16)
 322 Engineering Cooperative Education Postwork Seminar (0)
 323 Engineering Cooperative Education—Parallel (1-, max. 12)
 333 Advanced Technical Writing and Oral Presentation (4)
 498 Special Topics in Engineering (1-5, max. 6)
 A. *Individual Topics*
 499 Special Projects in Engineering (1-3, max. 6)
 499HA Special Projects/Engineering Honors (1-3, max. 6)

MATERIALS SCIENCE AND ENGINEERING (543-2600)

- 553 Vacuum Science and Technology (3)
Special Projects, Independent Study or Research, Master's Thesis, Doctoral Dissertation

MECHANICAL ENGINEERING (685-0908)

- 304 Manufacturing Processes (3)
 333 Introduction to Fluid Mechanics (4)
 353 Machine Design Analysis (4)
 395 Introduction to Mechanical Design (4)
 434 Advanced Mechanical Engineering Laboratory (3)
 469 Applications of Dynamics in Engineering (4)
 499, 599 Special Projects in Engineering (2-5, max. 9, 1-5, max. 9)

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

NUCLEAR ENGINEERING (543-2754)

Master's Thesis, Doctoral Dissertation

TECHNICAL COMMUNICATION (543-2567)

- 495♦ Professional Practice (3-5, max. 10)
 499 Special Projects (2-5, max. 10)
 599 Special Projects (1-4)

Independent Study or Research, Internship, Master's Thesis

College of Forest Resources

COLLEGE OF FOREST RESOURCES (543-7081)

- 101 Forests and Society (5)
Graduate Studies, Independent Study or Research, Master's Thesis, Doctoral Dissertation

ECOSYSTEM SCIENCE AND CONSERVATION (543-7081)

- 350 Wildlife Biology and Conservation (4)
 412 Field Study of Wildland Soils (3)
 521 Current Topics in Ecosystem Science (2, max. 6)

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 MANAGEMENT AND ENGINEERING (543-7081)**Forest Engineering**

- 340 Plane Surveying (4)
 404 Forest Engineering Field Seminar (1)
Undergraduate Studies, Graduate Studies in Forest Influences, Graduate Studies in Forest Engineering, Graduate Teaching Practicum, Current Topics in Wildland Hydrology

Forest Resources Management

- 400 Forestry in Washington (5)
 540 Forest Health and Landscape Management (5)

- 541 Readings in Silviculture (1-5, max. 6)
 568 Graduate Studies in Forest Economics (3)
 574 Seminar in Forest Products Marketing (1-5)
 580 Seminar in Research Analysis (5)
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 (543-7081)

- 309 Creativity and Innovation (2)
Undergraduate Studies, Graduate Studies in Forest Products, Internship

URBAN HORTICULTURE (543-7081)

- 202♦ Plants in Cities: An Introduction to Urban Horticulture (3)
 331♦ Landscape Plant Recognition (3)
 470 Urban Forest Landscapes (5)
 479▲ Field Studies in Restoration Ecology (5)
Undergraduate Studies, Senior Project in Urban Forestry, Internship

Interdisciplinary Graduate Degree Programs

INDIVIDUAL PH.D. PROGRAM (543-5900)

Independent Study or Research, Doctoral Dissertation

BEHAVIORAL NEUROSCIENCE (685-0519)

Doctoral Dissertation

RADIOLOGICAL SCIENCES (543-2084)

Independent Study or Research, Master's Thesis

Interschool or Intercollege Programs

BIOENGINEERING (685-2021)

- 499 Special Projects (2-6, max. 6)
 599 Special Topics in Bioengineering (1-6, max. 15)

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

QUANTITATIVE SCIENCE

(543-1191)

- 291 Analysis for Biologists (5)
 340 Applications of Computers to Natural Resource Problems (2)
 381 Introduction to Probability and Statistics (5)
 392 Techniques of Applied Mathematics in Biology I (3)
 482 Statistical Inference in Applied Research (5)
 502 Statistical Consulting for the Life Sciences (1-4)
 599 Research in Quantitative Resource Management (*, max. 12)

School of Law (543-0453)

- 300◆▲ Introduction to Law (3-6, max. 6)
 416/B516◆ International Contracting: Negotiation and Drafting—U.S./Asia Commercial Transactions (3)
 442▲ Land Law and the Urban Environment (3)
 447/A547◆ Critical Perspectives on Law (3)
 476/A576▲ International Economic Relations and Trade Policy (3)
 477/B577◆ Law and Literature (3)
 489/A589▲ Law and Aging (3)
Independent Study or Research, Externships, Doctoral Dissertation

Graduate School of Library and Information Science**LIBRARY AND INFORMATION SCIENCE** (543-1794)

- 503◆ Bibliographic Data Bases (4)
 528 Literature Searching (3)
 577◆ Law Library Administration (4)
 598◆ Special Topics in Librarianship
 A. *Classification and Indexing of Technical Documents and Software* (3)
 598▲ Special Topics in Librarianship
 B. *Information Resources in Culturally Diverse Communities* (3)
 C. *Picture Books: Evaluation and Use* (3)
 D. *Managing Information Organizations for Human Service* (3)

*Directed Field Work, Independent Study or Research, Master's Thesis***School of Medicine****MEDICAL HISTORY AND ETHICS** (543-5145)

- 510◆ Special Topics (*, max. 6)
 A. *The Temptations of Evolutionary Ethics* (2)

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

See course listings under College of Arts and Sciences.

PATHOLOGY (543-1140)

- 507 Cellular Pathology (2)
 551 Experimental and Molecular Pathology (2-5, max. 20)
 679P Pathology Summer Clerkship (*, max. 24)
 680P Diagnostic Pathology Clerkship, UH (*, max. 24)
 681P Diagnostic Pathology Clerkship, HMC (*, max. 24)
 682P Diagnostic Pathology Clerkship, VA (*, max. 24)
 687P Diagnostic Pathology Clerkship, Children's Hospital and Medical Center (*, max. 24)
 688P Diagnostic Pathology Clerkship, Madigan Army Medical Center (*, max. 24)
 689P Diagnostic Pathology Clerkship, Valley Medical Center (*, max. 24)
 690P Diagnostic Pathology Clerkship, Northwest Medical Center (*, max. 24)
 691P Diagnostic Pathology Clerkship, General Hospital of Everett (*, max. 24)
 692P Diagnostic Pathology Clerkship, Group Health Cooperative (*, max. 24)

*Undergraduate Thesis, Undergraduate Research, Independent Research***PHYSIOLOGY AND BIOPHYSICS** (543-0950)

- 503 Physiological Instrumentation (4)
 508 Introduction to Laboratory Research in Physiology (2-5)
 520 Physiology Seminar (*)
 521 Biophysics Seminar (*)
 522 Selected Topics in Respiratory Physiology (1-3)
 527 Readings in Advanced Physiology and Biophysics (*)

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

Graduate Program: 543-4152

Undergraduate Program: 543-8736

NURSING SCIENCE

- 570 Family Concepts: Health and Illness (3)
 573 Advanced Field Study in Family Nursing (2-9)
 574 Family Nursing Therapeutics: A Systems Perspective (3)
 598 Special Projects (1-12, max. 12)
 599 Selected Readings in Nursing Science (1-3, max. 18)

*Undergraduate Research, Doctoral Dissertation***COMMUNITY HEALTH CARE SYSTEMS**

- 514 Seminar in Home Care for Chronic Illness (3)
 527 Managing Effective Access and Utilization Within Care Systems (3/4)
 529◆ Seminar in Care Systems Management (3)
 574 Selected Topics in Comparative Nursing Care Systems (2 or 3, max. 10)
 A. *Multicultural Family Health* (3)
 B. *Social Construction of Health and Illness* (3)
 575 Death Influence in Clinical Practice (2-4)
 583 Transcultural Nursing Practices (3)
Independent Study or Research, Master's Thesis

PARENT AND CHILD NURSING

- 509 Women's Health: A Nursing Perspective (3)
 511 Seminar in Neonatal Nursing (3)
 512 Advanced Practicum in Parent and Child Nursing I (2-12)
 516 Nursing Management of Acutely Ill Children and Their Environments (1-5)
 519 Pediatric Pulmonary Nursing (2)
 532 Professional Issues in Advanced Parent and Child Nursing (2-5)
 542 Theoretical Foundations of Advanced Nursing Practice: Care During Childbearing I (4)
 573 Selected Topics in Parent and Child Nursing (2-5, max. 12)
Independent Study or Research, Master's Thesis

PHYSIOLOGICAL NURSING

- 504 Nursing Therapies in Critical Continuing Care (3)
 510 Curriculum Development in Nursing Education (3)
 544 Clinical Physiological Nursing Seminar II (1-10)
 A. *Acute/Critical Care*
 B. *Acute/Cardiovascular*
 C. *AOA Primary Care*
 E. *AOA Primary Care*
 F. *AOA Primary Care*

- 550 Seminar in Neuroscience Nursing (3)
 561 Pain Management (3)
Independent Study or Research, Master's Thesis

PSYCHOSOCIAL NURSING

- 505 Selected Topics in Psychosocial Nursing (2-10, max. 10)
 C. *Biological Intervention* (3)
 509 Issues in Violence and Aggression for Health Professionals (3)
 513 Seminar in Group Treatment (3)
 515 Memory Theory and Implications for Health Care (3)
 553 Assessment in Psychosocial Nursing (3)
 565 Self-Management Strategies and Techniques in Patient Care (3)
 569 Consultation in Human Service Systems (3)
Independent Study or Research, Master's Thesis

College of Ocean and Fishery Sciences

SCHOOL OF MARINE AFFAIRS (543-4326)

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

SCHOOL OF FISHERIES (543-7457)

Fisheries

101 Introduction to Fisheries Science (5)
Undergraduate Research, Independent Study or Research, Internship/Experiential Learning, Master's Thesis, Doctoral Dissertation

Food Science

483 Food Analysis (3)
Undergraduate Thesis, Independent Study or Research, Master's Thesis

SCHOOL OF OCEANOGRAPHY (543-5039)

101 Survey of Oceanography (5)
Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation

School of Pharmacy (543-2030)

MEDICINAL CHEMISTRY

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

PHARMACEUTICS

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

PHARMACY

305 Clinical Dispensing Pharmacy (3)
470 Community Practicum (8)
471 Institutional Distributive Practicum (4)
486 Institutional Clinical Practicum (4)
487 Advanced Clinical Practicum (4)
488 Elective Advanced Practicum (*, max. 16)
489 Drug Information (4-8)
493 Medical Literature Evaluation (2)
495 Special Studies in Pharmacy (*, max. 6)
501 Orientation to Pharm.D. (2)
587 Advanced Inpatient Clerkship (*, max. 15)
Undergraduate Research, Independent Study or Research

Graduate School of Public Affairs (543-4900)

PUBLIC AFFAIRS

504◆ Administrative Ethics (3)
595▲ Topics in Environmental Policy and Management (3, max. 12)
A. *Public Responsibilities and Private Choices: Emerging Environmental Approaches* (3)
598◆ Administrative Skills Workshops
U. *Oral Communication for Public Administrators* (1)
V. *Total Quality Management* (1)
W. *Board and Volunteer Relations for Not-for-Profit Organizations* (1)
599◆ Media Relations (3)
Independent Study or Research, Master's Degree Project

School of Public Health and Community Medicine

BIOSTATISTICS (543-1044)

511 Medical Biometry I (4)
578 Special Topics in Advanced Biostatistics (*, max. 3)
590 Biostatistical Consulting (3)
593 Cancer Prevention Lab (3)
Independent Study or Research, Master's Thesis, Doctoral Dissertation

ENVIRONMENTAL HEALTH (543-3199)

480 Environmental Health Problems (*, max. 6)
482 Environmental Health Internship (3-15)
512 Hazardous Waste Disposal (3)
520 Biological Effects of Nonionizing Radiation (3)
590 Selected Topics (1-6)
A. *Topic to be arranged*
B. *Applied Informatics in Environmental Health* (2)
Undergraduate Research, Field Studies, Independent Study or Research, Master's Thesis, Doctoral Dissertation, Doctoral Research Rotations

EPIDEMIOLOGY (685-1762)

525 Topics in Preventive Medicine (2)
531 Problems in International Health (3)
542 Clinical Epidemiology (2)
590 Selected Topics in Epidemiology or International Health (1-6, max. 6)
593 Cancer Prevention Lab (3)
Undergraduate Research, Independent Study or Research, Master's Thesis, Doctoral Dissertation

HEALTH SERVICES (543-8866)

475◆ Perspectives in Medical Anthropology (5)
505 Topics in Preventive Medicine (2)
531 Problems in International Health (3)
532▲ Planning and Financing Health Services: International Perspectives (3)
590 Selected Topics in Health Services (*)
592 Program Seminars (1-6, max. 6)
595 Fieldwork in Community Medicine (1-12)
597 International Health Projects (6)
MHA Field Project, Independent Study or Research, Master's Thesis

PATHOBIOLOGY (543-1045)

511 Pathobiological Frontiers (2)
583 Seminars on Frontier Membrane Research (1, max. 4)
590 Selected Topics (1-6, max. 6)
Undergraduate Thesis, Undergraduate Research, Independent Study or Research, Master's Thesis

School of Social Work (543-8617)

SOCIAL WELFARE B.A. PROGRAM

409 Readings in Social Welfare (1-5, max. 15)

SOCIAL WELFARE PH.D. PROGRAM

582-583 Research Practicum (1-3, max. 3 each)
Tutorial or Dissertation

SOCIAL WORK

515 Foundation Practicum (1-8, max. 12)
525 Advanced Practicum (2-10, max. 24)
599 Readings in Social Work (*)
Independent Study or Research, Master's Thesis

International Programs and Exchanges (543-9272)

The University of Washington Office of International Programs and Exchanges coordinates foreign study and exchange programs around the world. Summer Quarter opportunities are listed below. Deadlines for some of the Summer programs have passed, but many are still open. For more specific information contact the Office of International Programs and Exchanges, 516 Schmitz Hall, PA-10, Seattle, WA 98195.

Chinese Language Program, Beijing

Mid-June to mid-August

Denmark International Study Program In Architecture

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 (543-6160)**ANTHROPOLOGY**

434 Comparative Morals and Value Systems (3)

ART HISTORY202 Survey of Western Art—Medieval and Renaissance (5)
203 Survey of Western Art—Modern (5)**COMMUNICATIONS**

202 The Phenomena of Communicating (5)

ENGLISH324 Shakespeare after 1603 (5)
354 American Literature: The Early Modern Period (5)**GEOGRAPHY**

349 Geography of International Trade (5)

HISTORY**History of Asia**

454◆ History of Modern China (5)

Modern European History

304 Cultural History of Renaissance Europe (5)

POLITICAL SCIENCE441 Government and Politics of the Soviet Union (5)
447 Comparative Politics Seminar (5, max 10)**PSYCHOLOGY**

305 Abnormal Psychology (5)

SOCIOLOGY352 The Family (5)
460 Social Differentiation (5)**WOMEN STUDIES**

313 Women in Politics (5)

BUSINESS**Business Communications**

301 Basic Written Business Communication (4)

International Business

300 International Environment of Business (5)

Marketing

301 Marketing Concepts (4)

Organization and Environment

302 Organization and Environment (4)

BUILDING CONSTRUCTION500 Design and Construction Law (3)
505 Advanced Integrated Computer Applications in Construction (3)**Bothell Branch Campus (685-5300)****BUSINESS***Courses meet the full term*BBUS 300 Managing in Organizations (5)
BBUS 320 Introduction to Marketing Management (5)
BBUS 340 Operations and Project Management (5)
BBUS 350 Business Finance (5)
BMGMT 450 Leadership and Decision Making (5)
BMKTG 460 Marketing Research (5)**EDUCATION***Courses meet June 26-July 26*BEDUC 520 History of African Americans in Seattle: Content and Methods (3)
BEDUC 534 Process Writing Across the Curriculum (3)
BEDUC 551 Theories of Organizational Change and School Reform (3)
BEDUC 555 Families, Communities and Schools (3)
BEDUC 591 Special Topics in Education:
A. *Cooperative Learning* (3)
B. *Seminar in Research and Writing for Educators* (3)
BEDUC 592 Independent Study (1-6, max. 12)**LIBERAL STUDIES***Courses meet June 19-July 28*BLS 315 Understanding Statistics (5)
BLS 304 Personality (5)
BLSIN 452 Marx, Nietzsche, Freud (5)
BLSIN 374 Major Figures of German Literature (5)
BLSIN 390A Special Topics: Democratic Prospects for Eastern Europe (5)
BLSIN 390C Special Topics: Madness in Literature (5)
BLSUS 315 Democratic Capitalism (5)
BLSUS 353 Getting Across America: Mobility and Freedom (5)
BLSUS 447 Education and the American Indian (5)
BLSUS 475 Chicano Literature and Culture (5)**Tacoma Branch Campus (552-4400)****BUSINESS**TMKTG 490◆ Special Topics: Professional Sales Management (5)
TMGMT 430▲ Managing Employees (5)
TMGMT 490◆ Special Topics:
A. *Small Business Development* (5)
TMGMT 490▲ Special Topics:
B. *To be determined* (5)**EDUCATION****Master of Education Program**TEDUC 501 Education in Society: Political, Economic and Cultural Perspectives (3)
TEDUC 504◆ Understanding Educational Research (3)
TEDUC 522 Multicultural Education: Critical Issues (3)
TEDUC 532▲ Integrated Curriculum: Classroom Design and Instruction Strategies (3)
TEDUC 540◆ Children and Youth At-Risk: Critical Issues (3)
TEDUC 591◆ Special Topics in Integrated Curriculum
A. *Exploring Critical Health Issues in Health and Society Through Children's and Young Adult Literature* (3)
TEDUC 591▲ Special Topics in Integrated Curriculum
B. *Curriculum Design in Educational Technology* (3)**Teacher Certification Program**TEDUC 451 Topics in Literacy: Beginning and Remedial Reading (3)
TEDUC 461 Topics in Numeracy: Foundations of Mathematics Instruction (3)
TEDUC 462 Social Studies Instruction (3)
TEDUC 471 Diversity and Equity in Schools and Curriculum (3)
TEDUC 472 Theories of Child Development and Learning (3)
TEDUC 473 Classroom Assessment (3)
TEDUC 474 Social Dynamics of Schools (1)**LIBERAL STUDIES**TLSIN 324▲ Modern Latin America (5)
TLSIN 342▲ Third World Cities (5)
TLS 353◆ The End of the Modern World: 1600-2000 (5)
TLSIN 426◆ Soviet Experience (5)
TLSUS 432 Schooling in the United States (5)
TLSIN 451◆ Contemporary Theories of Culture (5)
TLS 453▲ Health, Illness and Culture (5)
TLSUS 485▲ Media Genres: The Western (5)
TLSIN 490▲ Special Topics: Contemporary China (5)
Internship, Senior Thesis, Directed Readings, Undergraduate Research

Summer Quarter Admission

This section provides an overview of the types of student classification and then describes what types of applications should be used.

Continuing UW undergraduate students

If you are enrolled as a matriculated student for the UW Spring Quarter 1995, *you do not need to 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 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.

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 20)
- 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
- 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 cancelled at the discretion

of the instructor. *No 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.

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 17.

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 use the application form in this preliminary announcement 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.

Registration

If you are a continuing UW student enrolled for Spring Quarter 1995, you 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. Look for the *Summer Quarter Bulletin and Time Schedule* available on campus in mid-April.

Once you are notified that your admission application has been approved, you may register by touch-tone telephone using UW's STAR registration system. The STAR system will be available for summer registration beginning May 3. The *Summer Quarter Bulletin and Time Schedule* will include STAR registration instructions.

Graduating seniors or postbaccalaureate students with degree applications on file in the Graduation and Academic Records Office may register using Graduating Senior Priority on May 1 and 2. For details, see the *Summer Quarter Bulletin and Time Schedule*, available mid-April.

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 full tuition. For full details, see the *Summer Quarter Bulletin and Time Schedule*.

■ If you were pursuing an undergraduate or professional degree or a teaching certificate when you last attended the UW and were not awarded that degree or certificate, you will be readmitted in this same status. This also applies to graduate students returning from "on leave." Graduate students who are not officially "on leave" must be accepted by the Graduate Admissions Office before they can return in that same status.

Returning students who are accepted as matriculated (into a degree or teaching certificate program) for Summer Quarter may register for Autumn Quarter without reapplying for admission, provided the Summer Quarter application was submitted by the May 31 deadline and they attend classes in the summer.

International students

See *International Students*, page 17.

Types of applications

Application for Summer Quarter-only admission

The Summer Quarter-only application, on the inside back cover of this *Preliminary Announcement*, 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. Students applying for new matriculated status (undergraduate or graduate) should use one of the forms described below.

Application for undergraduate admission

To be used by all new undergraduate students (except international students) and by former UW students who are changing to a new undergraduate or postbaccalaureate status.

Undergraduate admission applications are available from the Office of Undergraduate Admissions, 1410 NE Campus Parkway, 320 Schmitz Hall, PC-30, Seattle, WA 98195. Telephone: (206) 543-5150.

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, PD-10, Seattle, WA 98195. Telephone: (206) 543-8580. Submit the form by May 31 to the address on the form.

Application for admission to the graduate school

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. Forms are available from the appropriate academic department.



Application for undergraduate international student admission

See *International Students*, page 17.

Application for admission to professional schools

Those interested in the schools of medicine, law or dentistry should contact those schools directly. For telephone numbers, refer to the appropriate sections in the course listings of this announcement.

Other Admissions Information

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*, this page.

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 18-19.

Freshman

This admission classification applies to the individual who is entering college for the first time since graduating from high school. This classification includes Washington state Running Start students who completed fewer than 40 credits before Feb. 1 of their senior year. The application priority date for Summer/Autumn Quarter was Feb. 1. Admission is competitive. Not all qualified applicants can be admitted.

Transfer

This admission classification applies to the student who has earned college credits since leaving high school and is applying to complete a first baccalaureate degree. The application closing date is April 15. Admission is competitive. Not all qualified applicants can be admitted.

Postbaccalaureate

This status applies to the student who has completed a four-year baccalaureate degree from a regionally accredited institution and wishes to pursue an additional bachelor's degree, or wants to take further coursework to prepare for another degree program. Application closing date is April 15. 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 18-19). 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 16. 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*, page 16.

Special enrollment information for graduate nonmatriculated students

Under certain limited conditions, departments, schools or colleges may offer graduate credit to students who are not presently seeking a graduate degree but who have applied and been accepted as a graduate nonmatriculated student. A graduate nonmatriculated student may take a maximum of 12 credits which may be applied to degree requirements should he or she be accepted into a graduate program.

For detailed information regarding admission requirements, contact the graduate program coordinator in your area of interest. Acceptance as a graduate nonmatriculated student confers no priority for later admission into the Graduate School for pursuit of a degree.

International Students

International students are welcome to apply to the University in any admission classification with the exception of graduate nonmatriculated. 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 catalog. *He or she will be admitted as a nonmatriculated student for Summer Quarter only and may not continue in Autumn Quarter.*

Note: 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 Admissions by Feb. 1 for freshmen and by March 1 for transfers and postbaccalaureates. Admission is granted only for Summer/Autumn or Autumn Quarter. More information is available from the Office of Undergraduate Admissions, 1410 NE Campus Parkway, 320 Schmitz Hall, PC-30, Seattle, WA 98195. Telephone: (206) 543-9686. International students who seek admission as graduate students must contact the Office of Graduate Admissions for appropriate application materials. These forms can be obtained by writing the Office of Graduate Admissions, 98 Administration, AD-10, University of Wash-

ington, Seattle, WA 98195. Telephone: (206) 543-5929.

Student insurance

International students (excluding summer-only nonmatriculated students) must subscribe to the University's medical insurance or obtain insurance waivers by presenting proof of other medical coverage to the University's International Services Office prior to July 7, 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 Summer 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 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.

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 will only be allowed in rare circumstances.)	July 3	July 3	July 27

Adding/dropping courses or University withdrawal

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

	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
<i>b</i> 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 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.

General Information

Fees

There is a \$35 nonrefundable Summer Quarter application fee. Both nonresidents and Washington state residents pay the same fees for most summer courses. For details, see the adjacent summer tuition schedule. Fees are subject to change. See page 19 for tuition payment dates.

Registration

For information, please see page 15.

Course credits

Academic credits are indicated in parenthesis after the course title in this announcement. These credits may be transferred to other institutions at their discretion.

Advanced Study Program for high school students

Through the Advanced Study Program, high school students can enroll in UW courses during the summer. The Advanced Study Program is designed for high-achieving students who will be high school sophomores, juniors or seniors in autumn 1995. Applicants should have grade-point averages of at least 3.3 (B+). For more information about the Advanced Study Program, students, parents and teachers should call Academic Advising at (206) 543-6160.

Academic advising

Academic advisers are available to discuss your educational objectives and assess your progress toward completion of requirements. Contact a UW adviser or adviser at your school in your field of study or call Summer Quarter Academic Advising at (206) 543-6160.

Housing

Residence halls and Stevens Court apartments on campus are available during Summer Quarter for single students. To obtain an application for half or full-quarter housing for Summer Quarter, or for more information, write or call the Housing Student Services Office, 301 Schmitz Hall, PC-50, University of Washington, Seattle, WA 98195, (206) 543-4059. UW Conference Housing and Special Services offers on-campus housing on a space-available basis for persons attending summer workshops and short courses. For information, contact Conference Housing and Special Services, McCarty Hall, GR-10, Uni-

versity of Washington, Seattle, WA 98195, (206) 543-7636. In addition, the University provides listings of privately owned off-campus rental accommodations. Call (206) 543-8997 for information.

Transportation and Parking

If you can take the bus, carpool or vanpool, the U-PASS (\$27) will save you a lot of money in commute costs. You will receive a U-PASS sticker with your registration confirmation. If you need to drive, quarterly parking permits are available on a limited basis. For more information about parking and transportation alternatives, see the *Summer Quarter Bulletin and Time Schedule*, or call (206) 685-1543.

University of Washington Extension

For information about summer courses offered by University of Washington Extension, call (206) 543-2320, 1-800-543-2320 (outside Seattle) or TDD (206) 543-0898. UW Extension courses are available in the evening and on the weekend as well as during the day. UW Extension also offers distance learning courses. Call the above numbers for a catalog.

To receive a Summer Quarter Bulletin and Time Schedule

You will be sent a *Summer Quarter Bulletin and Time Schedule* automatically if this preliminary announcement was mailed to you in response to a request for Summer Quarter 1995 information. If this announcement was not mailed in response to a request and you would like a *Summer Quarter Bulletin and Time Schedule*, please call (206) 543-2320, 1-800-543-2320 or TDD (206) 543-0898.

Accommodations for Disabilities

Various support services, including priority registration, are available to students with disabilities. Contact Disabled Student Services (DSS), 448 Schmitz Hall, (206) 543-8925 voice/TDD, for information to meet individual needs, accessibility and equipment services.

Question 17 on the application 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.

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. Tuition charges are based on your student classification, e.g. undergraduate, graduate or professional, and not on course level.

This tuition schedule does not reflect full-time load requirements for loan deferments, teaching assistantships or other programs. For more information, consult the *Summer Quarter Bulletin*.

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.

University of Washington summer-only 1995 application form*

Mail completed application form and \$35 fee to:

- If you have never attended UW credit classes return to: Office of Undergraduate Admissions, PC-30, 320 Schmitz Hall, University of Washington, Seattle, WA 98195.
- If you have previously attended UW credit classes and have been assigned a student I.D. number, return to: Registration, PD-10, 225 Schmitz Hall, University of Washington, Seattle, WA 98195.

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

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APP TYPE

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HOME ADDRESS CODE

SDB entered DATE

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