

1991

## 1991 Bulletin of Information - Summer School

Seattle University

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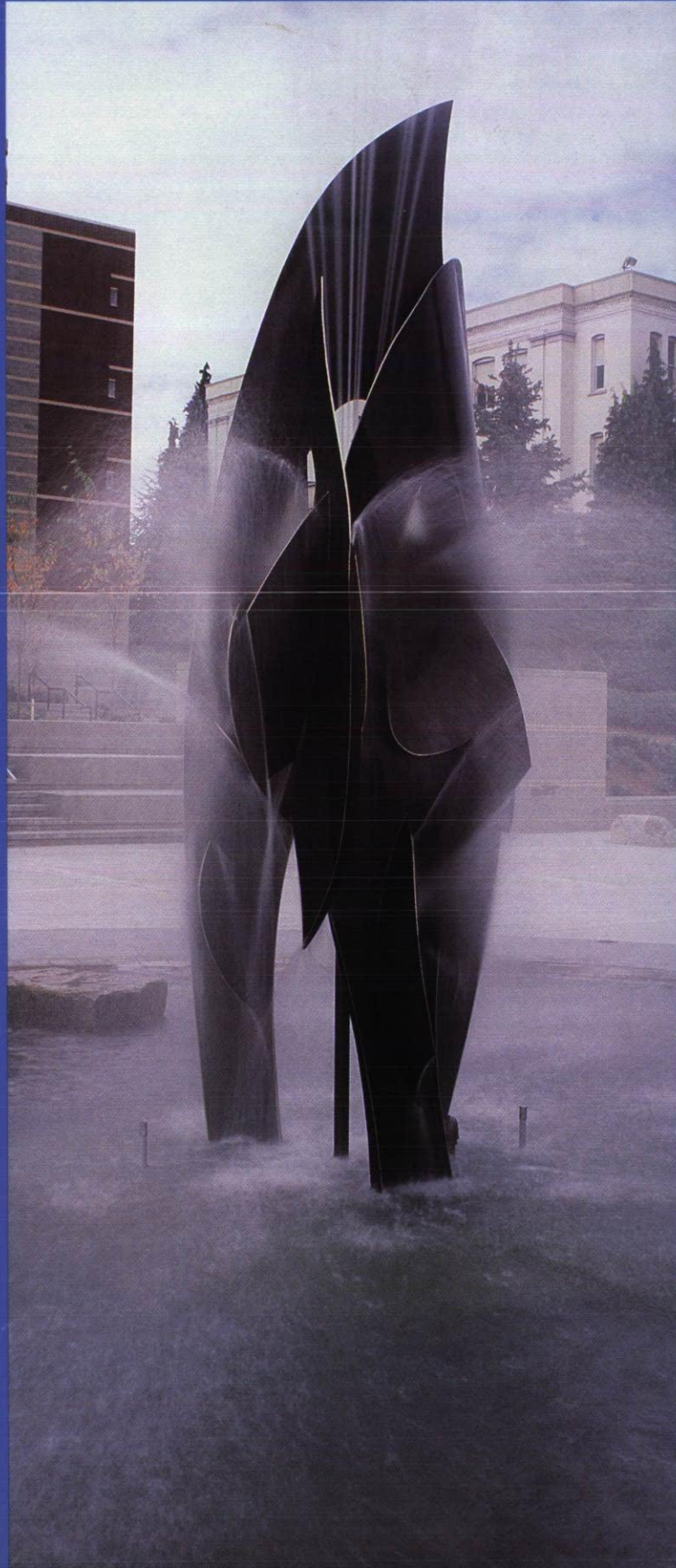
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# SUMMER SESSIONS



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1991  
BULLETIN OF  
INFORMATION  
Seattle University

June 10 to August 8

# SUMMER 1991

## Seattle University

Seattle University is an independent, coeducational institution, operated under the auspices of the Society of Jesus, with a faculty and staff which include Jesuits as well as lay and religious people of various faiths.

The university is composed of nine major academic units (with 45 undergraduate, 25 graduate programs and one doctorate program). The academic units are: the College of Arts and Sciences; Albers School of Business and Economics; School of Education; School of Science and Engineering; School of Nursing; Matteo Ricci College; Graduate School; Institute of Public Service; and Institute for Theological Studies.

Seattle University is accredited by the Northwest Association of Schools and Colleges; National League for Nursing; American Chemical Society (chemistry); Council on Rehabilitation Education; Committee on Allied Health Education and Accreditation (diagnostic ultrasound, health information administration); Accreditation Board for Engineering and Technology (civil engineering, electrical engineering and mechanical engineering); National Council for Accreditation of Teacher Education; and the American Assembly of Collegiate Schools of Business, and a member of the Independent Colleges of Washington.

Our professional education programs are approved by the state Board of Education. Students completing these programs are eligible for certification as teachers (upon completion of the master's in teaching degree), principals, superintendents, counselors, reading specialists, or school psychologists.

The Graduate School includes master's programs in business administration; psychology; public administration; counseling; adult education; education; educational administration; human resource development; theological studies; ministry; and software engineering. It also includes a doctoral program in educational leadership.



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Summer 1991

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An equal opportunity employer

**Front Cover Photograph:** The Centennial Fountain and new quadrangle were dedicated in September 1989, completing a decade of physical campus enhancement. Located in the center of campus, the quad provides an artistic atmosphere in an open-air setting. It is a favorite meeting place for the campus community. Photograph by Larry Gill.

The Summer Bulletin was prepared with the assistance of the following:

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Publications Office

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Publications Office

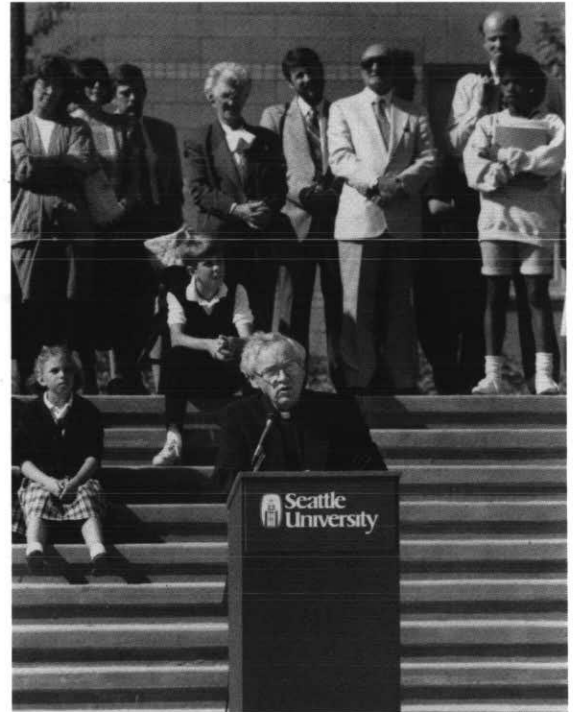
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Seattle, Washington



Director of Summer School  
Joseph B. Monda, Ph.D.  
Broadway and Madison  
Seattle, WA 98122-4460





### Where to Call for Detailed Information

Admissions Office .....	(206) 296-5800
Addiction Studies Office .....	(206) 296-5350
Alumni Office .....	(206) 296-6100
Arts and Sciences, College of .....	(206) 296-5300
Bellarmino Hall .....	(206) 296-6280
Business and Economics, Albers School of .....	(206) 296-5700
Campion Tower .....	(206) 296-5600
Campus Ministry .....	(206) 296-6075
Controller's Office .....	(206) 296-5880
Counseling Center .....	(206) 296-6090
Education, School of .....	(206) 296-5760
Evening Degree Programs/Continuing Education .....	(206) 296-5920
Financial Aid Office .....	(206) 296-5840
Liberal Studies .....	(206) 296-5310
Graduate School .....	(206) 296-5900
Housing (Resident Student Services) .....	(206) 296-6274
Institute for Theological Studies .....	(206) 296-5330
International Student Adviser .....	(206) 296-6260
Library, A. A. Lemieux .....	(206) 296-6230
Matteo Ricci College .....	(206) 296-5405
Minority Student Services .....	(206) 296-6070
Nursing, School of .....	(206) 296-5660
Registrar's Office .....	(206) 296-5850
Science and Engineering, School of .....	(206) 296-5500
Student Development .....	(206) 296-6060
Summer School Director .....	(206) 296-5410
SUMORE-See Institute for Theological Studies .....	(206) 296-5330

Information concerning graduate and undergraduate programs may be obtained in supplementary bulletins.

# ACADEMIC CALENDAR

## 1991 Summer Quarter

First four-week term .....	June 17-July 12
Second four-week term .....	July 15-August 9
Seven-week session .....	June 17-August 2
Eight-week session .....	June 17-August 9
Intersession (Classes do not meet September 12, Labor Day.) .....	August 12-September 9
Touch-tone registration begins (For details see page 12.) .....	May 8*
Classes begin for seven- and eight-week sessions, and first four-week term .....	June 17
Last day to add/drop for seven- and eight-week sessions and first four-week term .....	June 21
Last day to drop courses with 100 percent refund for both four-week terms .....	First day of class
Touch-tone registration closes .....	June 21
Independence Day (no classes) .....	July 4
Last day to withdraw from first four-week term .....	July 2
Final examinations and close for first four-week term .....	July 12
Classes begin for second four-week term .....	July 15
In-person registration for second four-week term .....	July 15-16
Last day to add/drop for second four-week term .....	July 19
Last day to withdraw from second four-week term, and seven- and eight-week sessions .....	July 26
Final examinations for seven-week session .....	August 1, 2
Final examinations for eight-week session and second four-week term .....	August 8, 9

\*Note: Touch-tone registration for summer will not be available May 12 - May 25, during advance registration for fall. The system will re-open for summer registration on May 26.

## Summer Quarter Calendar for School of Education Only

*Due to lost snow days, the School of Education will be operating on a different schedule. Please see individual classes in the School of Education class section on pages 23-27. Unless otherwise noted below, please follow the calendar above.*

First four-week term .....	June 24-July 19
Second four-week term .....	July 22-August 16
Seven-week session (Education will follow regular seven-week session schedule above.) .....	June 17-August 2
Eight-week session (Some classes will follow regular eight-week schedule above.) .....	June 24-August 16
Last day to add/drop for seven- and eight-week sessions, and first four-week term .....	June 28
Last day to withdraw from first four-week term .....	July 9
Classes begin for second four-week term .....	July 22
Last day to add/drop for second four-week term .....	July 26
Last day to withdraw from second four-week term, and seven- and eight-week sessions .....	August 2
Final examinations for first four-week term .....	July 19
Final examinations for eight-week session and second four-week term .....	August 15, 16

## Summer Activities

*The following events and tours have been scheduled for the 1991 summer quarter. For more information, contact the Office for Leadership and Service on the second floor of the Student Union Building or call 296-6040.*

Seattle University Wild Waves Day .....	June 29
Seattle Underground Tours .....	July 2
Seattle Art Museum .....	July 11
Seattle University Wild Waves Day .....	July 20
Pioneer Square Art Gallery Evening .....	July 25

**M O N D A Y      T U E S D A Y      W E D N E S D A Y      T H U R S D A Y      F R I D A Y      W E E K E N D !**

<b>June 17</b>  Classes begin for seven- and eight-week sessions, and first four-week term.	<b>June 18</b>	<b>June 19</b>	<b>June 20</b>	<b>June 21</b>  Touch-tone registration closes.  Last day to add/drop for seven- and eight-week sessions, and first four-week term.	<b>June 22</b>  <b>June 23</b>
<b>June 24</b>  Classes begin for School of Education's first four-week term and eight-week session.	<b>June 25</b>	<b>June 26</b>	<b>June 27</b>	<b>June 28</b>  Last day to add/drop for School of Education's seven- and eight-week sessions, and first four-week term.	<b>June 29</b>  Wild Waves Day!  <b>June 30</b>
<b>July 1</b>	<b>July 2</b>  Last day to withdraw from first four-week term.  Seattle Underground Tours	<b>July 3</b>	<b>July 4</b>  Independence Day!  No Classes	<b>July 5</b>	<b>July 6</b>  <b>July 7</b>
<b>July 8</b>	<b>July 9</b>  Last day to withdraw from School of Education's first four-week term.	<b>July 10</b>	<b>July 11</b>  Seattle Art Museum	<b>July 12</b>  Final exams and close of first four-week term.	<b>July 13</b>  <b>July 14</b>
<b>July 15</b>  Final exams for School of Education's second four-week term and eight-week session.  In-person registration and classes begin for second four-week term.	<b>July 16</b>  Final exams and close for Education's second four-week term and eight-week session.  In-person registration for second four-week term.	<b>July 17</b>	<b>July 18</b>	<b>July 19</b>  Final exams and close of School of Education's first four-week term.  Last day to add/drop for second four-week term.	<b>July 20</b>  Wild Waves Day!  <b>July 21</b>
<b>July 22</b>  Classes begin for School of Education's second four-week term.	<b>July 23</b>	<b>July 24</b>	<b>July 25</b>  Pioneer Square Art Gallery Evening	<b>July 26</b>  Last day to withdraw from second four-week term, and seven- and eight-week sessions.  Last day to add/drop for School of Education's second four-week term.	<b>July 27</b>  <b>July 28</b>
<b>July 29</b>	<b>July 30</b>	<b>July 31</b>	<b>August 1</b>  Final exams for seven-week session.	<b>August 2</b>  Last day to withdraw from School of Education's second four-week term, and seven- and eight-week sessions.  Final exams and close for seven-week session.	<b>August 3</b>  <b>August 4</b>
<b>August 5</b>	<b>August 6</b>	<b>August 7</b>	<b>August 8</b>  Final exams for eight-week session and second four-week term.	<b>August 9</b>  Final exams and close for eight-week session and second four-week term.	<b>August 10</b>  <b>August 11</b>

# SPECIAL INTEREST

## Addiction Studies

### **Equivocal Spirits:**

**Alcoholism and Drinking in 20th Century Literature** 5 credits  
ADD 491E 13345 Seven-Week, Daily, 9:10-10:20 a.m.

A study of the theme of drinking in such representative writers as O'Neill, Fitzgerald, Cheever, and Berryman. Alcohol—sometimes seen as life-renewing, the source of inspiration, renewal and courage—is always a potentially destructive force. Nowhere is this more clearly seen than in the works and lives of literary artists. By studying several modern writers, the student will get a new view, both of alcohol and literature. How is drinking related to creativity? Why have so many of our modern authors been associated with the disease of alcoholism? What can we learn about ourselves and our century by examining these writers from an angle hitherto ignored or romanticized? Also offered as EN 391E 10428.

**Symposium on Alcoholism: Focus on Seniors** 3 credits  
ADD 400 10135 June 24-July 5, Daily, 9 a.m.-4 p.m.

Alcoholism and its treatment among senior adults has long been recognized as a specialized counseling area. The 42nd ANNUAL SYMPOSIUM ON ALCOHOLISM will focus on senior adults: alcohol and other drug use patterns among seniors; progression in this population; assessment and referral; and treatment options and outcomes.

**Alcoholics Anonymous** 2 credits  
ADD 422 10197 July 8-19, Daily, 5-6:50 p.m.

History, structure, traditions and program of A. A. Psychology of the 12 Steps. Use of 12-Step program as a resource for treatment professionals.

**Addiction and Mental Illness** 2 credits  
ADD 426 10226 Eight-Week, TH, 4:30-6:50 p.m.

Dual diagnosis: when psychiatric disorders coexist with addiction. Psychiatric terminology, clinical symptoms of mental illness; use of DSM-III-R in differential diagnosis; treatment and referral. Prerequisite: ADD 402.

**Advanced Assessment for Addiction Counselors** 1 credit  
ADD 491A 10234 July 11, 18 and 25, 1-5 p.m.

This course is designed to assist chemical dependency counselors to move beyond basic diagnostic assessment to a comprehensive assessment useful for coordination with long-term treatment planning. The course will also cover assessment of special problems including depression, suicide risk, cognitive impairment, assessments designed to facilitate special treatment models (such as skills training and relapse prevention), treatment triage, and special issues for cocaine and opiate abusers. Prerequisite: ADD 402 and 414, or permission.

**Anger and Domestic Violence** 2 credits  
ADD 491B 12749 Eight-Week, W, 4:30-6:50 p.m.

Introduction to theory, research, and clinical practice with clients with anger and domestic violence problems. Special focus on assessment, management, referral, and legal issues for clients seen in Chemical Dependency and Alcoholism treatment settings.

**Developing Capable People: Family Building** 2 credits  
ADD 491B 13270 June 18-21, 8 a.m.-12 p.m., 1-3 p.m.  
(ED 491B 12761)

This course will provide counselors, teachers, and others who work with youth, with powerful tools for developing young people's self-esteem, interpersonal skills, responsibility, judgment, sense of self-efficacy, and family stability. Enrollment limited.



## Business

**Personal Financial Planning** 5 credits  
FIN 491E 13117 Eight-Week, TTH, 5:35-7:55 p.m.

Introduction to basic concepts involved in formulating a personal financial plan. Emphasis will be given to education, retirement and investment planning issues. Problem analysis of personal estate and insurance needs and selected topics on consumer finance will also be included. Prerequisite: FIN 340.

**Financial Accounting Theory and Practice** 3 credits  
ACC 531 12380 Eight-Week, MW, 7:15-8:45 p.m.

Theory and development of accounting principles; evolution of theory as it relates to the current state of accounting for the assets of the entity and the measurement and reporting of periodic income. Prerequisite: ACC 503.

**Industrial Organization** 3 credits  
EC 577 12522 Eight-Week, TH, 5:35-8:45 p.m.

The study of the links between market conditions, firm behavior, and economic performance. Topics include the pricing policies of firms, predatory business tactics, strategic behavior, mergers and acquisitions, vertical restraints, collusive agreements, barriers to entry, product differentiation and quality choice, antitrust law (from a positive and normative perspective), the regulation of business, and deregulation. Applications to particular industries will illustrate each topic.

**Can America Compete?** 3 credits  
EC 591C 12710 Eight-Week, S, 9:15 a.m.-12:30 p.m.

Examines characteristics of new international competition and response patterns by American business and government. Implications of diminished productivity, exploding trade, and budget deficits. American adjustment to "diminished expectations." What should be the role of government in this new order?

**International Management** 3 credits  
**IB 591C 12695** Eight-Week, M, 5:35-8:45 p.m., Bellevue  
 How firms become and remain international in scope. Emphasis on the internationalization process and multinational management. Lecture, discussion, and case analysis.

**Negotiation Skills** 3 credits  
**MGMT 588 12683** T, 5:35-8:45 p.m. plus 3 Sat., 10 a.m.-4 p.m.,  
 Traditional and modern approaches to bargaining and conflict resolution. Emphasis on developing negotiation skills for use in a professional context or any interpersonal activity. Prerequisite: BUSA 502.

## Intersession Undergraduate Courses

**International Management** 5 credits  
**IB 491E 12334** MTWTH, 5:35-7:55 p.m.  
 The study of how firms become and remain international in scope. Emphasis on the internationalization process and multinational management. Lecture, discussion, and case analysis.

**American Manufacturing Management in the 1990s** 3 credits  
**MGMT 591C 13151** TTH, 5:35-8:45 p.m., Bellevue  
 American companies' internal management practices must change to re-establish international competitiveness in manufacturing. Seminar participants will examine the Why's and How's. Prerequisite: MGMT 580.

**Principles of Management** 5 credits  
**MGMT 380 12343** MTWTH, 5:35-7:55 p.m.  
 Introductory survey of management field including organizational theory, behavior, development, strategy, and human resource management. Basic concepts and tools for solving organizational problems. Prerequisite: Junior standing.

**Management for the 1990s** 3 credits  
**MGMT 591C 13165** MW, 5:35-8:45 p.m.  
 Designed to equip students to meet the challenges an entrepreneur/manager faces in the next decade. Topics covered include the business plan that gets money; entrepreneurial venturing alliances; mergers, acquisitions; management of rapid growth; management of decline; turnaround issues; getting and serving on boards of directors and advisory boards for profit and non-profit organizations. Management trends for the Year 2000. Local company owners and managers will be guest speakers. The growth of several industries (such as software and pizza) will be analyzed as well as specific firms within these industries. Prerequisite: MGMT 580 or permission.

## Intersession Graduate Courses

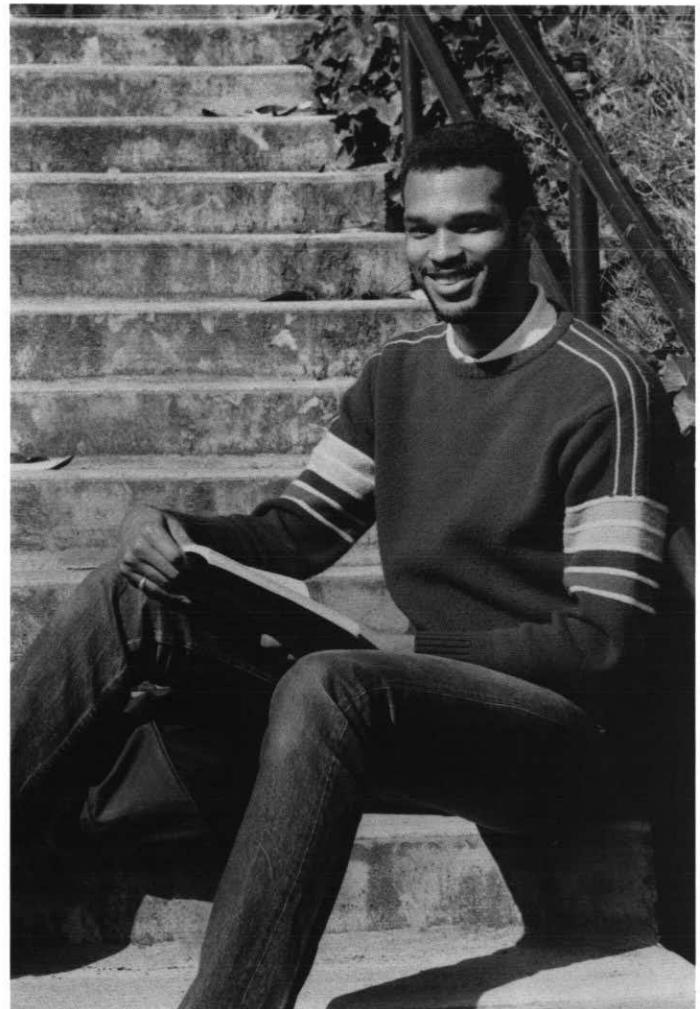
MW Intersessions will meet August 12 to September 4  
 TTH Intersessions will meet August 13 to September 5

**Business Responsibilities/Ethics** 3 credits  
**BUSA 520 12448** MW, 5:35-8:45 p.m., Bellevue  
 Bases for ethical relationship among agents in a mixed market economy. Responsibilities on all sides in such relationships are examined: employer and employee, firm and customer, competitors and stockholders, dealers and suppliers, unions, local community, and government.

**Real Estate Law** 3 credits  
**BUSA 570 12475** MW, 5:35-8:45 p.m.  
 Designed to assist graduate students in evaluating and understanding real estate acquisitions. Topics covered include mortgages, deeds of trust, promissory notes; easements, liens, warranty deeds, special warranty deeds, quit claim deeds, encumbrances, taxes, legal descriptions, actions for specific performance, broker responsibilities, leases, community property, joint tenancy, tenancy in common, strategies for investment, negotiation techniques, types of financing, and escrow. Prerequisite: BUSA 502.

**International Law** 3 credits  
**BUSA 591C 13134** TTH, 5:35-8:45 p.m., Bellevue  
 A study of various problems doing business in foreign countries. Emphasis on problems/issues of operating in Canada and other Pacific Rim countries, as well as on problems/issues of foreign businesses operating in the U.S. Prerequisite: BUSA 502.

**Human Resource Management** 3 credits  
**MGMT 581 12597** MW, 5:35-8:45 p.m.  
 Problems and policies in personnel philosophy and ethics; implementation of personnel program; directing, appraisal, compensation, training and development of employees. Prerequisite: MGMT 508.





# SPECIAL INTEREST

## English

### **Equivocal Spirits:**

**Alcoholism and Drinking in 20th Century Literature** 5 credits  
EN 391E 10428 Seven-Week, Daily, 9:10-10:20 a.m.

A study of the theme of drinking in such representative writers as O'Neill, Fitzgerald, Cheever, and Berryman. Alcohol —sometimes seen as life-renewing, the source of inspiration, renewal, and courage— is always potentially a destructive force. By studying several modern writers, the student will get a new view, both of alcohol and literature. How is drinking related to creativity? Why have so many of our modern authors been associated with the disease of alcoholism? What can we learn about ourselves and our century by examining these writers from an angle hitherto ignored or romanticized? Also offered as ADD 491E.

**Americans in Paris** 5 credits  
EN 391E 10410 August 11-25, in Paris, France

A social history of the expatriate writers and artists who created and celebrated Modernism in Paris in the 1920's. The course is conducted in Paris. Contact instructor for details: 296-5426, Casey, RM 513

## Fine Arts

**Painting with a Japanese Brush** 2 credits  
ART 292 12821 First Four-Week Term, TTH, 1:10-3:25 p.m.

Using the Japanese brush and ink, the student learns the step-by-step strokes of traditional painting and calligraphy, painting mountains, trees, animals, flowers, and people, and combining them with poetic writing. They will use the extra energy of the brush in contemporary painting.

**Video Profiles** 5 credits  
DR 230 12154 First Four-Week Term, Daily, 7:50-10:20 a.m.

Designed for people who will appear in public in various roles and situations: interviews, group discussions, panels, and demonstrations. Students will be videotaped so they may study themselves and evaluate the effectiveness of their appearances.

### **Music Lessons**

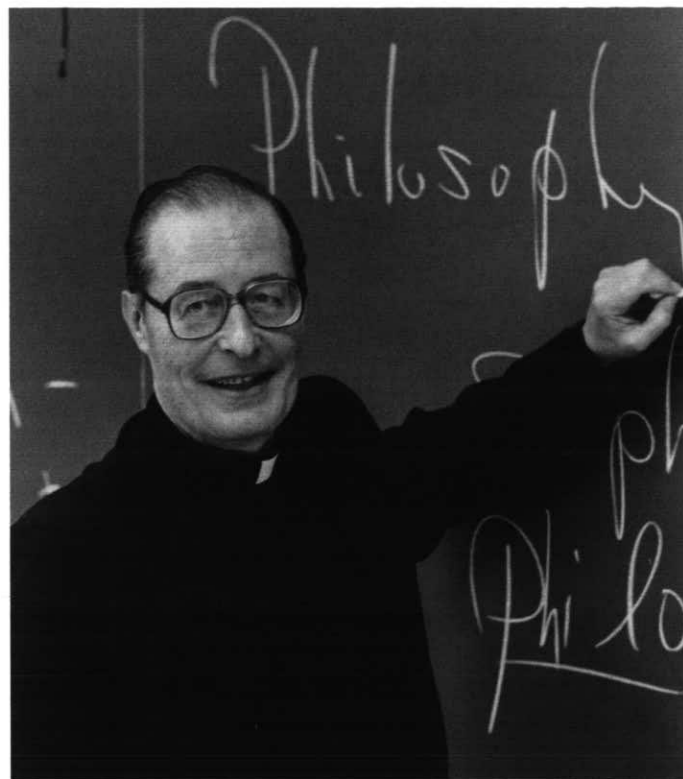
Both beginning and advanced lessons in piano and voice will be offered. For further information, contact the Fine Arts Department, 296-5360.

## Foreign Language

**Japanese in Japan** 10 credits  
Hanson/Staff Eight-Week, Overseas program NOC

This summer program offers students a chance to improve their Japanese language skills, learn more about Japanese society and culture, and explore the historical sights in and around Kyoto. Students will take 5 hours of Japanese language, taught by a native Japanese speaker, with an emphasis on practical application of both written and spoken Japanese. A 5-credit seminar course, taught by a Seattle University faculty member, will involve extensive reading in English about Japan and Japanese culture. Courses will be taught at Notre Dame Women's College, a small Catholic women's college in the northeastern part of Kyoto. Seattle University students will have the opportunity to meet and socialize with students from the college. Small groups of Seattle University students will sightsee and go on field trips together with one or more Japanese students assigned as "tour guides." The program is open to those with one year of college-level Japanese or the equivalent. Sign up deadline for enrollment is March 15, 1991. Call the Foreign Language Department, 296-5380.

8 *Seattle University Summer Sessions*



## Institute for Theological Studies

**Foundations in Liturgy** 3 credits  
ITS 591C 13463 July 15-Aug. 9, MWF, 9-11:30 a.m.  
(RS 491C 13472 5 credits)

Liturgy, "the privileged place of encounter with God," incarnates, historically, culturally, sacramentally, the action of God in the human communal actions of ritually symbolizing, communicating, celebrating. The objective will be to evaluate and inform current liturgical practice. The course, a new requirement within the MPM Program, is open to all on the 500 and 400 level. It will be conducted by Dr. Ernest Skublics, Associate Director of the Institute for Theological Studies.

## Philosophy

**Philosophy and Psychology** 5 credits  
PL 306 10639 Seven-Week, MWF, 8:20-10:20 a.m.

A study of the interrelationship between philosophical methods and contents, and the method and contents of psychology, with special focus on the psychoanalytic and phenomenological-existential developments of psychological theory.

**Existentialism** 5 credits  
PL 362 10673 Seven-Week, MWF, 8:20-10:20 a.m.  
This course will focus on the theme of "suffering" in the writings of Soren Kierkegaard, Fredrich Nietzsche, William James and Max Scheler.

**Environmental Philosophy** 5 credits  
PL 480 12946 Seven-Week, MW, 5:30-10 p.m.  
An examination of two key debates: anthropocentrism (human-centered view of the world) vs. non-anthropocentrism, and individualism vs. ecological holism. Several specific environmental problems are treated, including animal-rights issues.

# Evening Programs and Continuing Education

## Non-Credit Programs for All Ages

Continuing Education classes are not offered for academic credit, though they may qualify for Continuing Education units.

## Elderhostel Program (for persons 60 years or older)

Seattle University is a participant in the Elderhostel Program, a major international educational movement. Seven one-week, low-cost residential academic programs will be offered on campus, June 16 to August 10. Registration for residential students is made only through the Boston office. To receive catalogs or to register, write to Elderhostel, 75 Federal Street - 3rd Floor, Boston, MA 02110 or call (617) 426-9389.

There are five spaces reserved each week for commuters. To register, contact the Office of Continuing Education.

## Seattle University Alumni Audit

Undergraduate classes are open for non-academic audit to Seattle University alumni at \$35 per class. The following restrictions apply: 1) student may not be currently enrolled as a regular student at Seattle University; 2) no credit will be given nor academic record maintained; 3) classes offered for alumni audit are open on a space-available basis. The requirements for work and class participation are at the discretion of each instructor. Fees and applications for summer alumni audit must be received at the Office of Alumni Relations no later than June 23, the fifth day of class. No refunds will be made after that date. For further information, write to the Office of Alumni Relations, Seattle University, Broadway and Madison, Seattle, WA 98122-4460, or call (206) 296-6100.

## Elderaudit (for persons 60 years or older)

Elders may audit regular credit classes for \$35 per class on a space-available basis with permission of instructor. For further details, call the Registrar's Office at (206) 296-5850.

## Evening Classes Available for Undergraduates

Pursue careers or other activities while attending school in the evening. Many undergraduate courses are offered after 3 p.m. in summer quarter. (Courses that start after 4 p.m. are highlighted in blue.) It is now easier to complete a bachelor's degree by taking courses in certain disciplines in the late afternoon and evening. More courses and logical sequencing make it possible for students in business, liberal studies, nursing, and public administration to earn bachelor's degrees from Seattle University in the late afternoon and evening. Extended hours in the Enrollment Services, Controller's, and other service offices will allow evening students to conduct school business at times more convenient to their schedules.

Any undergraduate student satisfying the prerequisites may register for late afternoon or evening courses. Special permission is not required. Evening sections have the same content, faculty and academic quality as daytime sections.

### For further information on Evening Programs and Continuing Education classes

For more information, write the Office of Evening Programs and Continuing Education, Seattle University, Broadway and Madison, Seattle WA 98122-4460, or call (206) 296-5920.



# ACADEMIC INFO

## Admission

Those who wish to enroll as regular, degree-seeking students at Seattle University and obtain regular academic credit during the summer quarter must make formal application to the university. Application forms may be obtained from the Admissions Office, or you may use the form at the back of this bulletin. Applications, supporting documents, and transcripts must be on file by May 17. International students must submit a complete application by May 1.

## Transitional Students

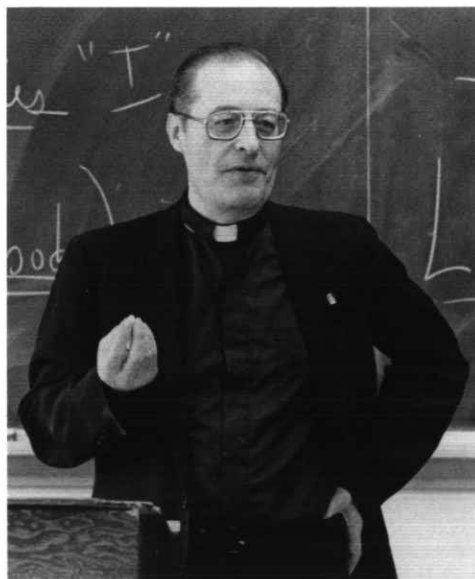
Admission as a transitional student is granted for up to 30 credit hours to students who are not enrolled in a degree program at Seattle University. Admission into graduate courses as a transitional student will require permission of the graduate dean and submission of undergraduate transcripts.

University credit will be awarded for successful completion of courses taken as a transitional student. Such credit may be applied toward a degree from Seattle University only after admission to a degree program.



## Readmission

Former undergraduate students not enrolled at the university for the spring quarter must apply for readmission if they wish to attend summer quarter. Undergraduates who have not attended since receiving their degrees will be readmitted as fifth-year students unless pursuing a master's or doctoral degree, in which case they must file for admission to the Graduate School. Applications and supporting documents should be on file by May 17.



Graduate students retain registration eligibility for one calendar year. Those who have not attended since spring quarter 1990 must be readmitted.

## Registration

Touch-tone telephone registration for summer will be available from May 8 to 10 and from May 26 to June 21 (see page 12). Any registration or add/drop to be completed after June 21 must be done in person at the Registrar's Office. Registration is open to students continuing from spring term and to new and readmitted students. New and readmitted students, however, may not register until they have filed for admission and obtained a letter of acceptance or notice of readmission.

## Auditor

Admission as an auditor must be requested through the Admissions Office and approved by the dean of the school and the instructor of the course. An auditor will not be required to participate in class discussion or laboratory work. Assignments are at the discretion of the instructor.

## Graduate Courses

Enrollment in graduate courses (500-699) is restricted to those admitted to the Graduate School to pursue a master's or doctoral program. Students holding fifth-year status are not eligible to enroll in courses numbered 500-699 without permission of the dean of the Graduate School.

## Summer Graduate Course Load

For graduate students attending the entire eight-week session, a maximum load will ordinarily be 12 credits. In special circumstances, and with the permission of the chair, a student may register for a total of 15 credits over this period. This is especially appropriate if the additional three credits are research or independent study that will not be completed during the summer quarter. In the case of SUMORE students, the limit will be 16 credits, since this group begins course preparation and readings well in advance of summer quarter.

For graduate students attending a four-week term, a maximum load will ordinarily be six credits. In special



circumstances, and with permission of the chair, a student may register for a total of nine credits over this period.

## International Students

Specific admission requirements and procedures for all international students are listed on the university's international student application form. These criteria differ from those applied to United States citizens. Direct inquiries to the Admissions Office. The summer quarter deadline for international students outside the U.S. is May 1.

## Undergraduate Credit

A full quarter's credit (15 hours) may be earned during the summer.

## Records

The policy of Seattle University on the right of students' access to their educational records and on confidentiality of information conforms to current public law. The full statement of policy is available for inspection in the Office of the Assistant Provost for Academic Administration or the Registrar's Office.



# REGISTRATION

**May 8, 9 and 10**  
**May 26 - June 21**

## When to Register

Contact your academic adviser early enough to schedule an advising appointment so you will be ready to complete your registration at the time indicated below. You may register on or after the day assigned for your class level. Class level is determined by the number of credits successfully completed at the time you register. (0–44 credits, freshman; 45–89 credits, sophomore; 90–134 credits, junior; 135 or more credits, senior). If you have questions regarding your class level, contact the Registrar's Office.

**Touch-tone telephone registration hours are 7 a.m. to 5 p.m., Sunday through Friday, May 8, 9 and 10 and May 26 through June 21, 1991.**

Graduate students ..... May 8  
Seniors, fifth year students and juniors ..... May 9  
Sophomores and freshmen ..... May 10  
Transitional and special students ..... May 10  
Registration continues and add/drop begins ..... May 26

**\*Note that touch-tone telephone registration will not be available for summer registration from May 12 through May 25.**

## How to Register

Seattle University students eligible to register for summer, 1991, will complete the registration and add/drop process using the touch-tone telephone registration system. However, if you have not completed your registration by June 21, you must register *in person* at the Registrar's Office, Room 104 - University Services Building.

- Step 1. Contact your major department to arrange for an advising appointment. The following departments place a hold on your ability to register until your academic advising is complete: English, Foreign Language, General Science, Religious Studies/Theology—undergraduates only, and Sociology. Advisers in those departments must lift the adviser hold on the touch-tone registration system before students can register.
- Step 2. Plan a program of study with your academic adviser.
- Step 3. Complete your touch-tone registration worksheet. It is wise to list alternate course choices.
- Step 4. If you owe the university money, you will be unable to register until you clear your student account with the Controller's Office. (If you have questions, call 296-5880).

Step 5. Check the registration appointment schedule in the summer 1991 class schedule. You may register on or after the day assigned to your class level. The system will be available May 8, 9 and 10 and Sunday through Friday, May 26 to June 21, 7 a.m. to 5 p.m. The last day to register and add or drop on the touch-tone system is June 21.

Step 6. Call 296-CLAS from any touch-tone phone (out-of-state access is (206) 296-CLAS). The computer will prompt you with spoken instructions.

Step 7. Enter your password, which is your student ID number (Social Security number) followed by the [\*] key on your touch-tone telephone and the summer term indicator [9][1][3], followed by the [#] key. Wait for a response. Example of password:

Student ID Number	Term Indicator
[3] [3] [3] [3] [3] [3] [3] [3] [3] [3]	[*] [9] [1] [3] [#]

Step 8. Enter each course selection using the five-digit course reference number found in the first column of the class schedule, followed by the [\*] key and your chosen grading option. You have three choices of grading options:

- a. If you wish to receive a letter grade, touch [0], followed by the [#] key.
- b. If you are eligible for pass/fail, touch [1], followed by the [#] key (not available to graduate students).
- c. If you wish to audit, touch [2], followed by the [#] key.

The system will read back your selected course reference number and ask if you wish to add or drop the course. Simply follow the spoken instructions. See the "Special Procedures" section of these instructions if you intend to enroll in an independent study or a variable credit course, if you are enrolling for more than the maximum credit hours allowed for your school/college, if you have permission to enter a closed class, if you are repeating a class, or if you intend to withdraw from a class.

If you encounter a problem with your touch-tone registration, call the Registrar's Office for assistance at 296-5850 between the hours of 8:30 a.m. and 4:30 p.m., Monday through Friday.

Within two weeks of completing your touch-tone registration, you will receive a schedule confirmation by mail. Examine it carefully and report any problems to your academic adviser or the Registrar's Office.

Step 9. Pay your tuition and fees. See page 10 for details.

## Special Procedures

### Advance Registration - May 8-June 21

Should your program of study include one or more of the following, please use the special procedure as outlined below. Enter all other course selections using the regular touch-tone registration system. Note that you must complete the special procedures by the last day to add or drop a course for the specific session as indicated in the academic calendar on page 4 of this schedule.

#### 1. Independent Study

Complete an independent study registration form and present it in person at the Registrar's Office (Room 104 in the University Services Building).

#### 2. Variable Credit Courses

##### (those listed without course reference number)

Present your touch-tone registration worksheet in person at the Registrar's Office after you have entered all other course selections.

#### 3. Credits in Excess of Maximum Allowed

Obtain the written permission of the dean of your school or college and present your touch-tone registration worksheet in person at the Registrar's Office after you have entered credits up to the limit allowed. (See page 10 of this schedule for course loads allowed).

#### 4. Request to Enter a Closed Class

Present the completed "Request to Enter a Closed Class" form in person at the Registrar's Office.

#### 5. Course Repeats

After completing your touch-tone registration, report in person to the Registrar's Office to notify the registrar of your repeat.

#### 6. Withdrawal

To withdraw from a course, complete a withdrawal form and present it in person at the Registrar's Office. Note the last day to withdraw from each session as listed in the academic calendar on page four of this schedule.

## Grades

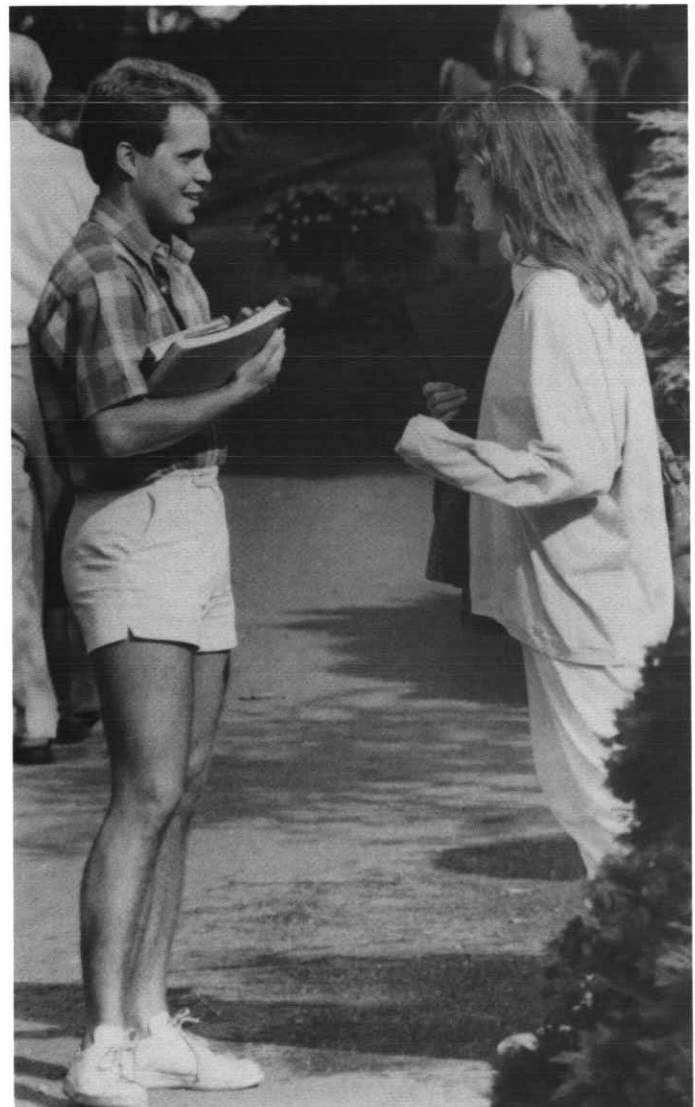
Grade reports and transcripts are issued only once at the conclusion of the entire summer term. Grades will be mailed to all students within two weeks of the end of summer quarter.

## Library Hours

Summer library hours for the A. A. Lemieux Library will be Monday through Thursday from 8 a.m. to 10 p.m.; Friday from 8 a.m. to 5 p.m.; Saturday from 10 a.m. to 6 p.m.; and Sunday from 1 to 9 p.m. The reading room on the first floor will be open every day from 7 a.m. to midnight. Holiday hours will be posted during the quarter. The library reserves the right to adjust the posted times as necessary.

## Book Store

The Book Store is your source for all required textbooks and course-related supplies. In addition, it offers computers, general paperback books and reference books. The store also features a wide selection of sweatshirts, T-shirts, and gift items with Seattle University imprinting. Other selections include greeting cards, snack foods and sundries. You may special order any book not in stock, leave your film for processing and sell your used books at the end of the quarter. If you have any questions, call (206) 296-5820.



# FINANCIAL INFORMATION

## Tuition and Fees

### Policy - Tuition Payment

Students registering for classes during advance registration starting May 12, may either pick up their statements in person or receive them in the mail after May 31. Students who register (or add/drop) after May 31 are expected to pick up their statements the same day at the Controller's Office.

Payment of tuition and fees includes library, health service and student activities fees. International students will automatically be charged insurance. An insurance waiver can be obtained from the International Student Center upon proof of insurance coverage. After a student registers for a course, the university commits a space in that course for that student. It is the student's responsibility to pay all fees in full, whether the student attends the course(s) or not.

**Tuition and fee payment for eight- and seven-week sessions and the first four-week term are due on or before June 17, 1991, the day classes begin for Summer School. Tuition and fee payments for the second four-week term are due on or before July 15, 1991, the first day of the second four-week term. Tuition and fee payments for short courses are due on the first day of the short course. Payments made after that time are subject to the late registration/late payment policies.**

Failure to pay in full all tuition and fees of any session or term may result in a hold on the student's transcript and may prevent registration in subsequent quarters.

To avoid lines, students are encouraged to pay tuition and fees by mail. Checks should be made payable to Seattle University and mailed to Seattle University, P.O. Box 84107, Seattle, WA 98124-5407, or delivered in person to the Controller's Office. Visa or MasterCard payments may also be made in person or by phone. Date of payment is determined by the date postmarked or by payment in person.

### Policy - Late Registration/Late Payment

A late processing fee of \$40 will be charged if tuition and fees are not paid in full according to the session or term you are attending (see Policy-Tuition Payment for more detail). Late processing fees and interest fees shall apply to all checks not honored by banks and returned to Seattle University. A charge of 1.5 percent on any balance due at the end of the month will be charged if tuition and fees are not paid in full on the date classes begin.

Although Seattle University reserves the right to change its charges at any time without prior notice, after the beginning of a quarter no change will be made effective for that quarter.

Undergraduate courses - per credit hour .....\$222

Undergraduate education courses - per credit hour .....\$164

#### Masters programs - per credit hour

Business .....	\$288
Education .....	\$164
ITS (Corpus) .....	\$222
ITSS (SUMORE) .....	\$164
Psychology .....	\$241
Public Administration .....	\$241
Rehabilitation .....	\$222
Software Engineering .....	\$288

Educational specialist program - per credit hour .....\$164

Doctoral program - per credit hour .....\$267

#### Certificate programs - per credit hour

Addiction/Drug Studies .....	\$193
Applied Social Research/Corrections .....	\$222
Health Information .....	\$222
Human Resources (I.P.S.) .....	\$222
Rehabilitation .....	\$222

Audit (undergraduate courses only) - per credit hour .....\$70

#### Laboratory fees (usually per course)

Private Music Lessons .....	\$52
Computer Laboratory Courses .....	\$48
Science and Engineering Laboratory Courses .....	\$48
Psychology 385, 401, 402 .....	\$48
Education 460 .....	\$36

#### Occasional fees (non-refundable)

Application, undergraduate .....	\$30
Application, graduate .....	\$40
Application, transitional students .....	\$30
Late processing fee .....	\$40
Matriculation, undergraduate and graduate .....	\$55
Credit by examination .....	\$55
Validation of field experience - per credit hour .....	\$55
Removal of incomplete - per credit hour .....	\$25
Graduation, undergraduate (per degree) .....	\$55
Graduation, graduate (per degree) .....	\$55
Certificate fee .....	\$50
Vocal or instrumental lessons - per credit hour .....	\$222
International Insurance .....	\$67
NSF Check Fee .....	\$15

Graduation fees are due at the time of application for graduation, and graduation forms will be released only upon presentation of a receipt. For laboratory fees and other occasional fees, consult the 1990-91 Seattle University Bulletin of Information.



## Tuition Adjustments for Class Withdrawal

Adjustments are based on the number of class days, defined as consecutive Mondays through Fridays, beginning the first day of class for each session. The adjustment policy applies to complete withdrawals or reduction in class load. The official date of withdrawal from a course is considered to be the date a student submits the withdrawal or change form to the registrar. An adjustment to a financial aid recipient is applied first to the student's financial aid source(s) and the balance, if any, is remitted to the student. Credit balances created because of tuition adjustments may be remitted to students upon the request of the student.

If the tuition and/or fees have not yet been paid, the portion normally not adjusted is due and payable together with the late fee. Failure to pay non-adjusted tuition and fees may result in transcript holds and may prevent registration in subsequent quarters.

### Withdrawal (full or partial) from seven- or eight-week sessions

First through fifth class day .....	100%
Sixth through seventh class day .....	75%
Eighth through 12th class day .....	60%
13th through 15th class day .....	40%
Thereafter .....	No refund

### Withdrawal from first or second four-week terms

First class day .....	100%
Second through fifth class day .....	70%
Sixth through 10th class day .....	40%
Thereafter .....	No refund

### Withdrawal from short courses

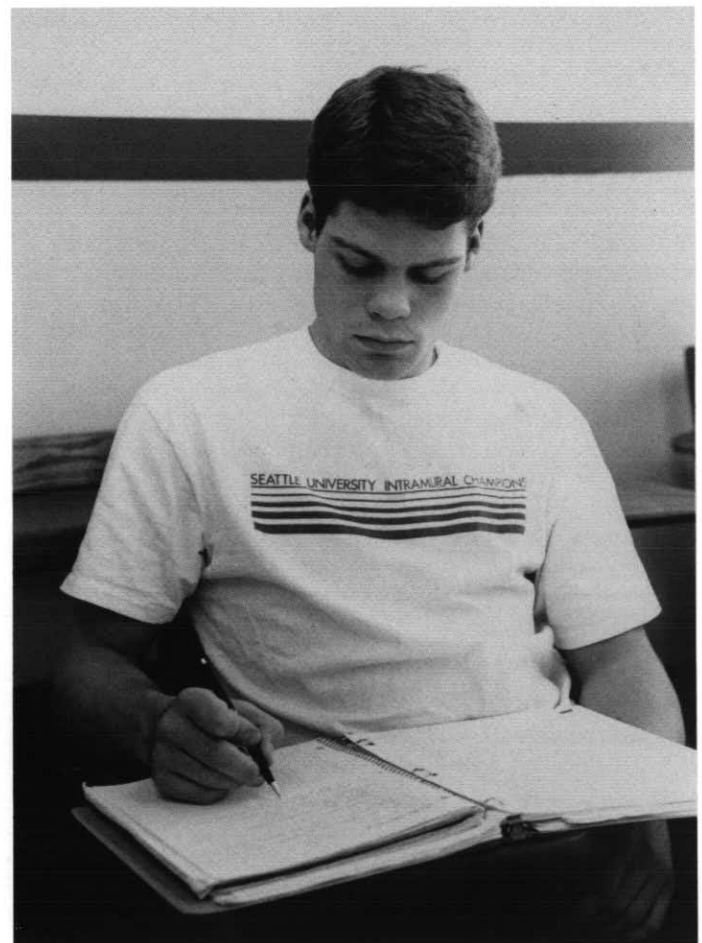
First class day .....	100%
Thereafter .....	No refund

## Financial Aid

During summer quarter, loans and work-study employment are available. **Students desiring Stafford Student Loans must apply approximately eight weeks prior to registration to insure the availability of funds when tuition is due. In order to qualify for either type of aid a student must complete the 1990-91 FAF (Financial Aid Form) and submit it to the College Scholarship Service prior to May 1, 1991.** It will take the College Scholarship Service six weeks to process the FAF.

Students with remaining work-study eligibility for the preceding academic year (1990-91) may continue to utilize that eligibility through June 15, 1991. Students with work-study awards for 1991-92 academic year may be eligible for work-study after July 1, 1991. Students need to pick up a summer work-study authorization form from the Financial Aid office. A separate application may be required. Students who intend to continue in fall 1991 should also submit the 1991-92 FAF.

The Career Development Center maintains a listing of both on and off-campus jobs. Phone: (206) 296-6080. For specific information, contact the Financial Aid Office, Seattle University, Broadway and Madison, Seattle, WA 98122-4460. Phone: (206) 296-5840.





# HOUSING

## Residential Living

Bellarmino Hall is the designated residence hall for single students enrolled in the 1991 summer quarter. The hall will open on June 16 at 9 a.m. and will close at noon on August 10. Contact the Residential Life Office, (206) 296-6274, for more information and application for summer residence. Summer residence hall registration forms will be ready April 1, 1991.

## Rooms

### Private Rooms

The room charge for the eight-week session is \$688. Shorter sessions are pro-rated for rooms and private rooms.

Private rooms are limited. You may request a single room; however, it cannot be guaranteed until the beginning of summer quarter. The cost of a private room is an additional \$176 for the entire session.

### Check-Out

Students must check out by noon of the day following their last examination.



## Food Service

All resident students must purchase a meal plan. There are several meal options, the most comprehensive plan costs \$440.

## Parking

All parking on campus is authorized by the display of a valid Seattle University parking permit. Permits may be purchased at the Controller's Office in the University Services Building beginning Friday, June 15, between the hours of 8:30 a.m. and 4:30 p.m. After these hours, the permits are issued by the Safety and Security Services Office located in the same building. All parking areas are restricted, reserved or otherwise regulated. Campus maps, parking information and other security-related information are available at Safety and Security Services at (206) 296-5990.

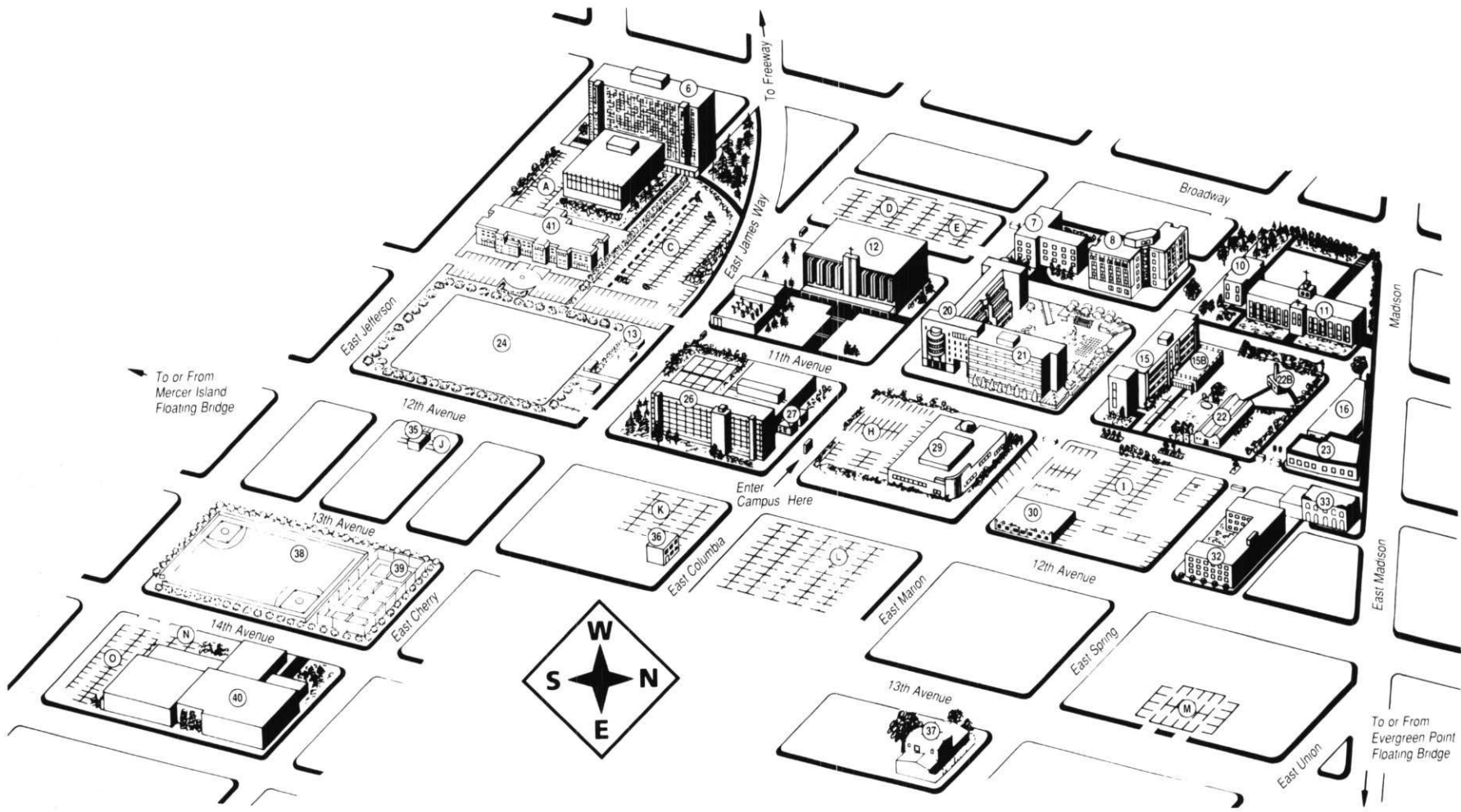
## Disabled Parking

Parking spaces for the disabled are available in most parking areas. A Seattle University disabled parking permit, as well as a Washington state disabled parking permit, must be displayed when parking in these designated areas.

## Equal Opportunity

Seattle University offers the opportunities and experiences of higher education to all students equally without regard to race, religion, age, sex or national origin. It does so in keeping with the guidelines and requirements of laws and regulations as promulgated by state and federal agencies.





## LEGEND

**NOTE: Building Numbers on Map Correspond to Signs in Front of Buildings**

- Accessible Entrance and Elevator
- Accessible Entrance to One Floor
- Not Accessible
- Disabled Parking

## CAMPUS BUILDINGS

Administration Building .....	11	Engineering Building .....	20	Pigott Building .....	15
Bannan Building .....	21	Faculty/Staff Parking .....	A, E, G, I, J, N	Pigott Auditorium .....	15B
Bellarmine Residence Hall .....	26	Fourteenth Avenue Sportsfield .....	38	Sculpture Lab .....	22B
Bessie Barton Sullivan Care Center .....	41	Garrard Building .....	10	Seaport Building .....	36
Buhr Hall .....	22	International Student Center .....	13	Student Parking ... B, C , D, K, L, M, N	36
Campion Tower .....	6	Intramural Field .....	24	Student Union .....	23
Campus Services Building .....	30	Lemieux Library .....	12	Tennis Center .....	39
Casey Building .....	8	Loyola Hall .....	7	Twelfth Avenue Building .....	35
Child Care Center .....	37	Lynn Nursing Building .....	33	University Services Building .....	29
Connolly Center .....	40	Madison Building .....	16	Visitor Parking .....	H
Connolly Center Parking .....	N	McGoldrick Student Center .....	27	Xavier Residence Hall .....	32

# CLASSES

## Schedule

Seattle University reserves the right to cancel any class without prior notice.

Seven-week session classes are scheduled for 70-minute blocks and extend from June 17 to August 2.

Eight-week session classes are scheduled for 60-minute blocks and extend from June 17 to August 9.

First four-week term classes will extend from June 17 to July 12.

Second four-week term classes will extend from July 17 to August 9.

Dates of short classes are listed under course descriptions and meet daily unless otherwise noted.

Due to missed snow days, the School of Education will follow a different schedule. Dates of classes for the School of Education are listed under course descriptions.

All classes offered in this schedule after 4 p.m. are highlighted in blue.

## Building Code

ADM	Administration Building
BA	Bannan Building
BU	Buhr Hall
CA	Campion Tower
CC	Connolly Center
ENGR	Engineering Building
GA	Garrand Building
GEL	Gene E. Lynn Building
LL	A. A. Lemieux Library
MAD	Madison Building
NOC	Not On Campus
P	Pigott Building

## Addiction Studies

### Short Classes

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
<b>ADD 400 10135</b>	<b>Symposium on Alcoholism: Focus on Seniors (3) June 24-July 5, 9 a.m.-4 p.m.</b>	<b>Roise P 401</b>
	History, scope, physiological, social, psychological, and family aspects of alcohol problems. Drunk driving. Progression, symptoms, types of alcoholics. Nature of addictive diseases: causality, treatment, and prevention. Special emphasis for the 1991 Symposium: Focus on Seniors. Also offered under PSY 490.	

<b>ADD 422 10197</b>	<b>Alcoholics Anonymous (2) July 8-19, 5-6:50 p.m.</b>	<b>Royce ADM 205</b>
	History, structure, traditions, and program of A.A. Psychology of the 12 Steps. Use of 12-Step programs as a resource for treatment professionals.	

<b>ADD 491A 10234</b>	<b>Advanced Assessment for Addiction Counselors (1) July 11, 18 and 25, 1-5 p.m.</b>	<b>Morris ADM 203</b>
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This course is designed to assist chemical dependency counselors to move beyond basic diagnostic assessment to a comprehensive assessment useful for coordination with long-term treatment planning. The course will also cover assessment of special problems including depression, suicide risk, cognitive impairment and assessments designed to facilitate special treatment models (such as skills training and relapse prevention), treatment triage, and special issues for cocaine and opiate abusers. Prerequisite: ADD 402 and 414, or permission.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>ADD 491B 13270</b>	<b>Developing Capable People: Family Building (2) June 18-21, 8 a.m.-12 p.m. and 1-3 p.m.</b>	<b>Deiro P 352</b>
	Prevention of chemical dependency among youth depends in part on strengthening the family unit. This course will provide counselors, teachers, and others who work with youth, with powerful tools for developing young people's self-esteem, interpersonal skills, responsibility, judgment, sense of self-efficacy, and family stability. Based on a system developed by Stephen Glenn and Jane Nelson, authors of <i>Raising Self-Reliant Children in a Self-Indulgent World</i> . Many of these tools would work well with adults whose personal and social development have been affected by chemical dependency. Enrollment limited to 12 participants. Also offered under ED 491B.	

### Seven-Week Session

<b>ADD 491E 13345</b>	<b>Equivocal Spirits: Alcoholism and Drinking in 20th Century Literature (5) Daily, 9:10-10:20 a.m.</b>	<b>Gilmore ADM 307</b>
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A study of the theme of drinking in such major writers as O'Neil, Fitzgerald, Cheever, and Berryman. A new way of looking at literature and alcoholism. Also offered as EN 391E.

### Eight-Week Session

<b>ADD 401 10141</b>	<b>Physiology and Pharmacology of Alcohol Use (2) TH, 4:30-6:50 p.m.</b>	<b>Scratchley P 401</b>
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Ingestion, absorption, metabolism. Behavioral effects of different blood levels. Damage to brain, liver, other organs. Pre- or Co-requisite: ADD 400.

<b>ADD 402 10153</b>	<b>Counseling Principles and Techniques (4) MW, 7-9:30 p.m.</b>	<b>Haykin P 401</b>
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Legal and ethical responsibilities of alcohol/drug counselors; patient-counselor relationships; principles and techniques. Intake and intervention vs. long-range therapy. Directive vs. non-directive counseling, motivation, confrontation. Role-playing, videotape playback. Prerequisite: ADD 400.

<b>ADD 412 12787</b>	<b>Group Dynamics (2) T, 7-9:30 p.m.</b>	<b>Cohen P 401</b>
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Role-playing as a means to development of self-awareness; dynamics of group interaction. Applications to addiction treatment. Group processes will focus on the 12 Steps. Prerequisite: ADD 402.

<b>ADD 414 12793</b>	<b>Case Management and Assessment (2) M, 4:30-6:50 p.m.</b>	<b>Parkes P 401</b>
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Procedures and skills used in alcoholism and other drug addiction referral and treatment agencies. Intake interview, client evaluation, case-writing, pre-sentence report, record-keeping, and confidentiality. Prerequisite: ADD 402.

<b>ADD 418 10188</b>	<b>Addiction and the Family (2) T, 4:30-6:50 p.m.</b>	<b>Abbott P 401</b>
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Alcohol and other drug-related problems in the family, including the addicted person, spouse, children, and significant others. Individual and group counseling. Married couples and team approach as alternatives. Prerequisite: ADD 402.

<b>ADD 424 10202</b>	<b>Drug Abuse 1: Social Aspects (2) T, 7-9:30 p.m.</b>	<b>Morris ADM 205</b>
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History, scope, classification of drugs. Legal aspects. Patterns of use, abuse, and addiction. Treatment, recovery, and rehabilitation methods and strategies.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>ADD 425 10217</b>	<b>Drug Abuse 2: Physiological Aspects (2)</b> TH, 7-9:30 p.m.	<b>Scratchley P 401</b>
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Pharmacology and physiology of drug action. Prescription and nonprescription drugs. Interactions among drugs, polydrug abuse. Actions of drugs on the central nervous system. Recovery from addiction. Prerequisite: ADD 401.

<b>ADD 426 10226</b>	<b>Addiction and Mental Illness (2)</b> TH, 4:30-6:50 p.m.	<b>Morris P 405</b>
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Dual diagnosis: when psychiatric disorders coexist with addiction. Psychiatric terminology, clinical symptoms of mental illness; use of DSM-III-R in differential diagnosis; treatment and referral. Prerequisite: ADD 402.

<b>ADD 491B 12749</b>	<b>Anger and Domestic Violence (2)</b> W, 4:30-6:50 p.m.	<b>Cahn P 401</b>
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Introduction to theory, research, and clinical practice with clients with anger and domestic violence problems. Special focus on assessment, management, referral, and legal issues for clients seen in Chemical Dependency and Alcoholism treatment settings. Course will review theories of intoxicated aggression.

## Business Undergraduate Classes

### Intersession Classes August 12 to September 9

*(Classes do not meet September 2, Labor Day)*

<b>IB 491E 12334</b>	<b>International Management (5)</b> MTWTH, 5:35-7:55 p.m.	<b>Staff P 302</b>
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The study of how firms become and remain international in scope. Emphasis on the internationalization process of multi-national management. Lecture, discussion, and case analysis.

<b>MGMT 380 12343</b>	<b>Principles of Management (5)</b> MTWTH, 5:35-7:55 p.m.	<b>Staff P 304</b>
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Introductory survey of field of management including organizational theory, behavior, development, strategy, and human resource management. Basic concepts and tools for solving organizational problems. Prerequisite: Junior standing.

### Eight-Week Session

<b>ACC 230 12282</b>	<b>Principles of Accounting (Financial) (5)</b> MW, 5:35-7:55 p.m.	<b>Staff P 351</b>
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Introduction to financial accounting concepts with emphasis on the development and interpretation of financial statements. Prerequisite: Sophomore standing. **Bus Core**

<b>ACC 331 12298</b>	<b>Intermediate Accounting (5)</b> MW, 4:35-6:55 p.m.	<b>Staff P 451</b>
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Theory and development of accounting principles; evolution of theory as it relates to the current state of accounting for the assets of the entity and the measurement and reporting of periodic income. Introduction to international accounting issues. One third of the class time will be devoted to written and oral communications skill development. Prerequisites: ACC 231 and Junior standing.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>BUSA 310 12302</b>	<b>Management Information Systems (5)</b> TTH, 10:30 a.m.-12:55 p.m.	<b>Staff P 304</b>
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Examination of background management elements related to data processing systems. Planning and design of information flows and business systems. Prerequisite: CSC 103 and Junior standing. **Bus Core**

<b>BUSA 360 12317</b>	<b>Production and Operations Management (5)</b> TTH, 5:35-7:55 p.m.	<b>Staff Bellevue</b>
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Survey of system analysis, design and operating techniques for manufacturing and service organizations, including facility location, linear programming, inventory control, work measurement, forecasting, scheduling, and quality control. Prerequisite: EC 260 and CSC 103.

<b>FIN 340 13126</b>	<b>Business Finance (5)</b> TTH, 7:50-10:15 a.m.	<b>Staff P 304</b>
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Study of financial policies and practices of business firms, asset management; capital budgeting; capital cost; fund management; financing growth. Prerequisite: EC 271, ACC 231, Junior standing. **Bus Core**

<b>FIN 491E 13117</b>	<b>Personal Finance Planning (5)</b> TTH, 5:35-7:55 p.m.	<b>Staff P 302</b>
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Introduction to the basic concepts involved in formulating a personal financial plan. Particular emphasis will be given to education, retirement, and investment planning issues. In addition, problem analysis of personal estate and insurance needs and selected topics on consumer finance will also be included. Prerequisite: FIN 340.

<b>IB 386 12326</b>	<b>International Business (5)</b> MW, 5:35-7:55 p.m.	<b>Staff Bellevue</b>
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Addresses the differences in finance, accounting, marketing, and management in an international environment; with specific attention to cultural changes occurring in the international environment. Analysis of business organization, roles of multinational corporations, methods of serving foreign markets, political risk assessment.

<b>MGMT 482 12351</b>	<b>Business Policy and Organization (5)</b> TTH, 5:35-7:55 p.m.	<b>Staff P 305</b>
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Case studies of business policy and administration; original work in analysis and policy decisions. Prerequisite: all business core courses and Senior standing. **Bus Core**

<b>MKTG 350 12365</b>	<b>Introduction to Marketing (5)</b> MW, 10:30 a.m.-12:55 p.m.	<b>Staff P 304</b>
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Survey of institutions and essential functions of marketing system; analysis of marketing mix, product, place, price strategies. Prerequisite: Junior standing. **Bus Core**

## Business Graduate Classes

### Intersession Classes August 12 to September 9

MW Classes meet August 12 to September 9

TTH Classes meet August 13 to September 5

*(Classes do not meet September 2, Labor Day)*

<b>BUSA 520 12448</b>	<b>Business Responsibilities/Ethics (3)</b> MW, 5:35-8:45 p.m.	<b>Staff Bellevue</b>
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Bases for ethical relationship among agents in a mixed market economy. Responsibilities on both sides of such relationships are examined: employer and employee, firm and customer, competitors and stockholders, dealers and suppliers, unions, local community, and government.

# CLASSES

Course/Section Reference Number Description/Credit Session/Time Instructor Building/Room

**BUSA 570 Real Estate Law (3) Staff**  
**12475 MW, 5:35-8:45 p.m. P 405**

Course is designed to assist graduate students in evaluating and understanding real estate acquisitions. Topics covered include mortgages, deeds of trust, promissory notes; easements, liens, warranty deeds, special warranty deeds, quit claim deeds, encumbrances, taxes, legal descriptions, actions for specific performance, broker responsibilities, leases, community property, joint tenancy, tenancy in common, strategies for investment, negotiation techniques, types of financing, and escrow. Prerequisite: BUSA 502.

**BUSA 591C International Law (3) Staff**  
**13134 TTH, 5:35-8:45 p.m. Bellevue**

Course includes a study of various problems doing business in foreign countries. Emphasis will include study of problems/issues of operating in Canada and other Pacific Rim countries, as well as problems/issues of foreign businesses operating in the U.S. Prerequisite: BUSA 502.

**MGMT 581 Human Resource Management (3) Staff**  
**12597 MW, 5:35-8:45 p.m. P 305**

Problems and policies in personnel philosophy, ethics; implementation of personnel program; directing, appraisal, compensation, training and development of employees. Prerequisite: MGMT 518.

**MGMT 588 Negotiation Skills (3) Staff**  
**12683 T, 5:35-8:45 p.m. P 306**  
**plus 3 Saturdays, 10 a.m.-4 p.m.**

Traditional and modern approaches to bargaining and conflict resolution. Emphasis on developing negotiation skills for use in a professional context or any interpersonal activity. Prerequisite: BUSA 502.

**MGMT 591C American Manufacturing Management in the 1990's (3) Staff**  
**13151 TTH, 5:35-8:45 p.m. Bellevue**

American companies' internal management practices must change to re-establish international competitiveness in manufacturing. Seminar participants will examine the Why's and How's. Prerequisite: MGMT 580.

**MGMT 591C Management for the 1990's (3) Staff**  
**13165 MW, 5:35-8:45 p.m. Eng 400**

The course is designed to meet the challenges an entrepreneur/manager faces in the next decade. Topics covered include the business plan that gets money; entrepreneurial venturing alliances; mergers, acquisitions; management of rapid growth; management of decline; turnaround issues; getting and serving on boards of directors and advisory boards for profit and non-profit organizations. Management trends for the Year 2000. Local company owners and managers will be guest speakers. The growth of several industries (such as software and pizza) is analyzed as well as specific firms within these industries. Prerequisite: MGMT 580 or Permission Instructor.

## Eight-Week Session

**ACC 513 Managerial Accounting (3) Staff**  
**12378 TH, 5:35-8:45 p.m. Bellevue**

An examination of the basic issues of managerial accounting: product costing and information for planning and control decisions through problem solving, case analysis, lecture, and class discussion. Prerequisite: ACC 503.

**ACC 531 Financial Accounting Theory and Practice (3) Staff**  
**12380 MW, 7:15-8:45 p.m. P 353**

Theory and development of accounting principles; evolution of theory as relates to the current state of accounting for the assets of the entity and the measurement and reporting of periodic income. Prerequisite: ACC 503.

Course/Section Reference Number Description/Credit Session/Time Instructor Building/Room

**ACC 538 Financial Statement Analysis (3) Staff**  
**12399 M, 5:35-8:45 p.m. P 452**

Course examines the use of published financial information in measuring business performance and financial position, evaluating credit risk and profitability, and a critique of the traditional models for interpreting and assessing published financial information. Prerequisites: ACC 503, FIN 504.

**BUSA 500 Management Information Systems (3) Staff**  
**12403 S, 9:15 a.m.-12:30 p.m. P 302**

Introductory survey course in Information Systems. Includes systems concepts, transaction processing, MIS, decision support systems; data base management, data communications and LANs, system analysis and design, acquisition and contracting, security, and ethical issues. Prerequisite: Computer proficiency.

**BUSA 502 Legal Environment (3) Staff**  
**12412 TTH, 5:35-7:05 p.m. P 306**

Objectives of American legal system: its structure, procedures, and dynamics of courts and regulatory commissions. Relationship of law to social change and preservation of society's values. Emphasis on legal analysis.

**BUSA 511 Management Science (3) Staff**  
**12429 MW, 5:35-7:05 p.m. P 306**

Techniques of quantitative and statistical analysis such as linear programming, transportation and assignment simulation, queuing theory, game theory, dynamic programming, decision theory, and time series analysis. Prerequisite: EC 501, BUSA 506.

**BUSA 520 Business Responsibilities/Ethics (3) Staff**  
**12430 S, 1-4:15 p.m. P 302**

Bases for ethical relationship among agents in a mixed market economy. Responsibilities on both sides of such relationships are examined: employer and employee, firm and customer, competitors and stockholders, dealers and suppliers, unions, local community, and government.

**BUSA 565 Quality Assurance (3) Staff**  
**12456 MW, 7:15-8:45 p.m. P 305**

Fundamental and comprehensive coverage of quality control principles and procedures pertinent to the quality of output in manufacturing, and research on quality problems. Just-in-Time inventory control. Prerequisite: EC 501, BUSA 511.

**BUSA 570 Real Estate Law (3) Staff**  
**12467 W, 5:35-8:45 p.m. P 405**

Course is designed to assist graduate students in evaluating and understanding real estate acquisitions. Topics covered include mortgages, deeds of trust, promissory notes; easements, liens, warranty deeds, special warranty deeds, quit claim deeds, encumbrances, taxes, legal descriptions, actions for specific performance, broker responsibilities, leases, community property, joint tenancy, tenancy in common, strategies for investment, negotiation techniques, types of financing, and escrow. Prerequisite: BUSA 502.

**EC 501 Introductory Business Statistics (3) Staff**  
**12494 S, 1-4:15 p.m. P 304**

Descriptive and summary statistics, probability, statistical sampling and sampling distribution, interval estimation, hypothesis testing on one population, Chi-square analysis, one-way analysis of variance, simple correlation and regression analysis. Prerequisite: Math and computer proficiencies.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room	Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
<b>EC 517 12506</b>	<b>Macroeconomic Analysis (3) S, 1-4:15 p.m.</b>	<b>Staff P 351</b>	<b>MGMT 508 12570</b>	<b>Principles of Management (3) T, 5:35-8:45 p.m.</b>	<b>Staff Bellevue</b>
Functioning of mixed market economy. Determinants of aggregate level of income; employment and prices. Forecasting and policy analysis, international aspects. Prerequisite: Mathematics proficiency.			Introductory survey of principles of management, organizational theory, and organizational behavior. Basic concepts and tools to solving organizational problems. <b>(fulfills new Foundation Requirement)</b>		
<b>EC 527 12519</b>	<b>Managerial Economics (3) TTH, 7:15-8:45 p.m.</b>	<b>Staff P 351</b>	<b>MGMT 518 12588</b>	<b>Advanced Organizational Behavior (3) W, 5:35-8:45 p.m.</b>	<b>Staff P 302</b>
Theory of the consumer, the firm, and the industry, with emphasis on applications to business decision-making. Prerequisite: EC 517.			Models and theories of organizational behavior, alternative managerial behaviors, developing skills in dealing with people in areas of leadership, motivation, communication, conflict, group processes, and selected international topics. Emphasis on emerging theory. Prerequisite: MGMT 508.		
<b>EC 577 12522</b>	<b>Industrial Organization (3) TH, 5:35-8:45 p.m.</b>	<b>Staff P 353</b>	<b>MGMT 586 12601</b>	<b>Entrepreneurship (3) W, 5:35-8:45 p.m.</b>	<b>Stephenson Bellevue</b>
Analysis of the market structure of American business and the effects of different market structures on pricing, marketing, innovation and profit seeking. Prerequisite: EC 527.			Procedures and problems in starting and operating a successful small business enterprise. Prerequisite: All business core.		
<b>EC 591C 12710</b>	<b>Can America Compete? (3) S, 9:15 a.m.-12:30 p.m.</b>	<b>Sawyer P 351</b>	<b>MGMT 590 12616</b>	<b>Business Policy (3) T, 5:35-8:45 p.m.</b>	<b>Staff ENGR 400</b>
Examines characteristics of new international competition and response patterns by American business and government. Implications of diminished productivity, and exploding trade and budget deficits. American adjustment to "diminished expectations." What should be the role of government in this new competitive order?			Policy problems faced by chief administrative officers. Determination of objectives, development of policies to achieve objectives. Organization of executive personnel to implement policies, coordination of the organization, and adjustments to changes in environment. Case study seminars. Prerequisite: All management core classes.		
<b>FIN 504 12535</b>	<b>Introduction to Financial Management (3) TTH, 7:15-8:45 p.m.</b>	<b>Staff P 354</b>	<b>MKTG 515 12640</b>	<b>Marketing Management (3) S, 9:15 a.m.-12:30 p.m.</b>	<b>Staff P 304</b>
Theory and practice of business finance with emphasis on asset valuation, capital structure, cost of capital, and capital budgeting. Prerequisite: Mathematics proficiency, ACC 503.			Basic marketing management activities of planning, implementing, and controlling product, price, distribution, and promotion decisions. Application of the marketing mix and evaluation of the firm's marketing efforts. Prerequisite: MKTG 505.		
<b>FIN 514 13143</b>	<b>Managerial Finance (3) TTH, 5:35-7:05 p.m.</b>	<b>Staff P 354</b>	<b>MKTG 552 12652</b>	<b>Marketing Research (3) M, 5:35-8:45 p.m.</b>	<b>Staff Bellevue</b>
Topics to be covered are asset valuation, capital budgeting, lease analysis, dividend policy, long-term sources of funding and contingent claims. Prerequisite: FIN 504.			Purpose, methods, and techniques of marketing research and description of marketing information systems. Prerequisites: EC 501, MKTG 515.		
<b>FIN 541 12704</b>	<b>Cases in Managerial Finance (3) T, 5:35-8:45 p.m.</b>	<b>Staff Bellevue</b>	<b>MKTG 591C 13178</b>	<b>High Tech Marketing (3) S, 1-4:15 p.m.</b>	<b>Staff P 401</b>
Cases in business finance that develop students' skill for identifying problems, acquiring relevant material, and using appropriate financial theory for making decisions in simulated business settings. Prerequisite: FIN 504.			A course which will explore industrial or business to business marketing with special emphasis on high technology industries. These industries will include computers (hardware and software), aerospace, transportation, communication, health science bio-tech, and use of advanced technology in traditional industrial sectors such as construction and manufacturing. The marketing of products and services will be considered.		
<b>FIN 547 12553</b>	<b>Security Analysis (3) M, 5:35-8:45 p.m.</b>	<b>Staff P 405</b>	<b>MKTG 591C 13180</b>	<b>Sales Management (3) MW, 5:35-7:05 p.m.</b>	<b>Staff P 305</b>
Principles, policies, and practices of security investment. Analysis of public and private securities from individual and institutional viewpoints. Prerequisite: FIN 514.			Sales management deals with the personal selling function and its related administration and managerial activities. The course covers the development of the selling function, sales management planning, recruiting, training, sales force organization, supervision and motivation, compensation, and evaluation.		
<b>IB 519 12564</b>	<b>International Business Enterprise (3) T, 5:35-8:45 p.m.</b>	<b>Staff P 405</b>	<b>Chemistry</b>		
Managing international business. Topics such as the international financial environment and exchange rate risk, international trade theories and institutions, and government trade policies. Foreign marketing strategies and accounting, legal, and labor practices. Prerequisite: EC 517, MGMT 580.			<b>First Four-Week Term</b>		
<b>IB 591C 12695</b>	<b>International Management (3) M, 5:35-8:45 p.m.</b>	<b>Staff Bellevue</b>	<b>CH 123 12225</b>	<b>General Chemistry 3 (4) Daily, 10 a.m.-12 p.m.</b>	<b>Thomas BA 501</b>
The study of how firms become and remain international in scope. Emphasis on the internationalization process and multinational management. Lecture, discussion, and case analysis.			Third quarter of freshman chemistry, for science and engineering majors.		
			<b>CH 133 12233</b>	<b>General Chemistry Lab 3 (1) TTH, 1-5 p.m.</b>	<b>Thomas BA 501</b>
			Lab for CH 123.		

# CLASSES

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

## Communication

### First Four-Week Term

COMJ 210 Media Writing I (5) Atkins  
10801 MIWTH, 9:10-11:40 a.m. ADM 202

Theory and practice of basic newswriting with strong emphasis on accuracy and precision in written communication. Aims to improve discipline in writing, objectivity, and fact gathering.

COMC 230 Public Speaking (5) Wildeson  
10794 MIWTH, 1:10-3:40 p.m. ADM 223

Theory and practice of constructing, presenting, and analyzing speeches. Emphasis on audience adaptation and the development of critical listening skills. Performance course.

COMJ 360 Communication Rights and Law (5) Atkins  
10827 MIWTH, 1:10-3:40 p.m. ADM 202

Philosophy of law of freedom of expression in the United States; judicial and legislative approaches defining the right to communicate; the impact of technology on legal freedoms. Study of specific issues such as libel, the right to privacy, regulation of pornography, the right to gather information. Prerequisite: Junior or senior.

COMC 383 Organizational Communication (5) James  
10838 MIWTH, 9:30 a.m.-12 p.m. ADM 203

Theories and processes of communication, including analysis of communication styles, modes, variables, strategies, and coping with organizational change. Prerequisite: Junior or senior.

COMC 498 Independent Study (1-5) Staff  
Arranged Arr

### Second Four-Week Term

COMJ 291 Fine Arts Photography (5) Masel  
13510 Daily, 10 a.m.-12 p.m. ADM 202

Introduction to the basic theory and techniques of black-and-white still photography. Emphasis on use of the camera and of the darkroom. Students must have use of adjustable 35 mm camera. Lab fee. Also offered under ART 293E.

COMJ 498 Independent Study (1-5) Staff  
Arranged Arr

## Computer Science

### Seven-Week Session

CSC 103 Introduction to Computers and Applications (5) Mills  
10712 Daily, 9:10-10:20 a.m. ENGR 304

An introduction to the use of microcomputers in such typical applications as word-processing and spreadsheets. No prior experience with computers is assumed. Includes an overview of computer concepts and extensive hands-on experience.

CSC 103 Introduction to Computers and Applications (5) Mills  
10729 Daily, 10:30-11:40 a.m. ENGR 304

See description above.

CSC 103 Introduction to Computers and Applications (5) Wilson  
10730 Daily, 7:50-9 a.m. ENGR 304

See description above.

### Eight-Week Session

CSC 230 FORTRAN for Engineers (3) Gehlen  
10748 MTH, 10:30-11:30 a.m. ENGR 305

FORTRAN programming, including flowcharting, debugging, input/output, loops, arrays, and subprograms. Introduction to numerical techniques. Programming assignments primarily from the fields of engineering. Prerequisite: ME 215 or 230, MT 232, and 233.

CSC 310 Data Structures and Analysis of Algorithms (5) Sugiyama  
10756 M, 5:30-8:30 p.m. W, 5:30-7:30 p.m. ENGR 305

Concepts of data structures and analysis of their utilization in algorithm design. Graphs and applications of graphs, memory management, algorithm and system design, and analysis. Prerequisite: CSC 250, MT 222.

CSC 491E Application Programming with the Macintosh Toolbox (5) Spector  
10767 T, 5:30-8:30 p.m. TH, 5:30-7:30 p.m. ENGR 305

Reveals the inner working of the Macintosh and provides experience in using the Macintosh toolbox to construct application programs. Emphasizes object-oriented design. Prerequisite: CSC 310.

## Criminal Justice

### Seven-Week Session

CJ 211 Juvenile Offender (5) Meyers  
11146 Daily, 10:30-11:40 a.m. ADM 222

An examination of the contemporary continuum of juvenile offenses, ranging from truancy to the drug scene. Discussion of juvenile crime as distinguished from adult crime, as well as the interaction between the two.

### Eight-Week Session

CJ 110 Introduction to Criminal Justice (5) Paradis  
11137 TTH, 7-9:30 p.m. ADM 222

A survey of criminal justice processes from arrest through release, the relationships of police, prosecutor, defense, the courts, and prison, as each integrates into a system. CJ 110 or equivalent is required for all majors.

CJ 402 White Collar Crime (5) Edelhertz/Stotland  
11158 TWTH, 11:50 a.m.-1:50 p.m. ADM 222

A comprehensive overview of criminal activity in the upper echelons of the American society; e.g., corporate offenses, consumer fraud, misuse of computers, illegal practice in the professions, and political deviance.

CJ 458 Field Experience I (5) Kastama  
11160 Arranged Arr

Direct observation, supervised practical experience, and academic study in a selected law enforcement agency or organization in the criminal justice system. Prerequisite: Upper division standing and permission.

CJ 459 Field Experience II (5) Kastama  
11171 Arranged Arr

See description above.

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

# Diagnostic Ultrasound

## Eight-Week Session

US 396	Independent Study (1-5) Arranged	Staff Arr
US 473 10085	Clinical Orientation to Ultrasound (10) Arranged	Mentors NOC
Clinical Ultrasound internship. Co-requisite: US 483.		
US 474 10092	Clinical Experience in Ultrasound (8) Arranged	Mentors NOC
Clinical Ultrasound internship. Co-requisite: US 483.		
US 483 10106	Ultrasound Seminar (2) Arranged	Staff NOC
Clinical Ultrasound internship. Co-requisite: US 473 or 474.		
US 484 10119	Basic Science of Ultrasound (2) Arranged	Staff NOC
Clinical Ultrasound internship. Co-requisite: US 473 or 474.		

# Economics

## Eight-Week Session

EC 260 12257	Business Statistics (5) TTH, 4:35-6:55 p.m.	Staff P 304
Descriptive statistics, summary statistics, statistical sampling, probability distributions, interval estimation, hypothesis testing, Chi-square analysis, analysis of variance, correlation and simple regression analysis. Prerequisite: MT 130 and Sophomore standing.		
EC 271 12266	Principles of Economics - Macro (5) TTH, 5:35-7:55 p.m.	Staff P 452
Organization, operation, and control of the U.S. economy in its historical and socio-political setting. Problems of inflation, unemployment, taxation, the public debt, money and banking, growth. Prerequisite: Sophomore standing.		
<b>Core Option/Bus Core</b>		
EC 372 12279	National Income Analysis (5) MW, 5:35-7:55 p.m.	Staff ENGR 400

# Education

(Please note class dates. Adjustments have been made due to missed snow days.)

## Short Classes

ED 450 11374	Introduction to Gifted Education (3) June 24-July 5, 1:10-3:40 p.m.	Bronson/ Langdon P 306
An introduction to gifted education, including definition and identification of areas of giftedness, curriculum modes, program organization, awareness of and attitudes toward giftedness, and evaluation of student performance. Language arts, humanities, and the arts will be considered.		
ED 451 13362	Gifted Education: Mathematics (3) July 22-August 2, 7:50-10:20 a.m.	Olsen P 352
Study of current research exploring the relationship of brain development to the types of giftedness. Implications of this research and its application to mathematics lessons for gifted students will be identified and examined.		

ED 491B 12761	Developing Capable People: Family Building (2) June 18-21, 8 a.m.-12 p.m. and 1-3 p.m.	Deiro P 352
Prevention of chemical dependency among youth depends in part on strengthening the family unit. This course will provide counselors, teachers, and others who work with youth, with powerful tools for developing young people's self-esteem, interpersonal skills, responsibility, judgment, sense of self-efficacy, and family stability. Based on a system developed by Stephen Glenn and Jane Nelson, authors of <i>Raising Self-Reliant Children in a Self-Indulgent World</i> . Many of these tools would also work well with adults whose personal and social development have been affected by chemical dependency. Enrollment limited to 12 participants. Also offered under ADD 491B.		
ED 491C 11316	Instructional Theory into Practice (ITIP) (3) June 17-21, 8 a.m.-3 p.m.	Perri P 401
The elements of successful teaching, distilled from the literature in human learning and from observation of master teachers by Madeline Hunter and her colleagues at UCLA. (Reduced tuition \$174.)		
ED 491C 11327	Instructional Theory into Practice (ITIP) (3) August 12-16, 8 a.m.-3 p.m.	Perri P 302
See description above.		
ED 491C 11338	Peaceful Procedures K-12 (3) July 8-12, 8 a.m.-3 p.m.	Fellers P 401
Help fight stress and teacher burnout! This course will emphasize the theory and practice of peaceful organizational methods. (Reduced tuition \$174.)		
ED 491C 11340	Advanced Peaceful Procedures K-12 (3) July 15-19, 8 a.m.-3 p.m.	Fellers P 302
This course will emphasize the application and analysis of peaceful organizational methods. (Reduced tuition \$174.)		
ED 491C 11352	Storyline: Integrating the Elementary and Middle School Curriculum (3) August 12-16, 8 a.m.-3 p.m.	McGuire/Barr P 351
The storyline strategy, which originated in Scotland, will be examined as a strategy for integrating the curriculum. This innovative strategy provides a framework for instruction which is child-centered and flexible, meeting a wide range of instructional needs.		
ED 491C 13377	Celebration of the Bill of Rights (3) August 19-23, 9 a.m.-4 p.m.	Rosner P 452
Focus on both the philosophical and substantive bases for the Bill of Rights, values central to legal issues, and materials and participatory strategies for teaching about the constitution.		
ED 491C 11383	Introduction to Theology for Catholic School Personnel I (3) June 17-28, 9 a.m.-12 p.m.	Burdett P 302
This session will explore the basic themes of our Catholic faith as outlined in the National Catechetical Directory. This survey will be done from theological and spiritual perspectives. (Reduced tuition \$174.)		
ED 491C 11400	Science in the Elementary School/K-8 (3) June 24-July 5, 1-4 p.m.	Wild P 351
Utilizing an inquiry-oriented method of teaching, this course will emphasize the development of basic concepts of biology, physics, and astronomy. (Reduced tuition \$174.)		
ED 491C 11395	Introduction to Theology for Catholic School Personnel II (3) July 29-August 9, 9 a.m.-12 p.m.	Burdett P 452
See description above.		



# CLASSES

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room	Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
ED 491C 11433	Curriculum Design for Gifted (3) July 29-August 9, 1:10-3:40 p.m.	Simms P 405	ED 500 11482	Introduction to Graduate Research (3) Daily, 7:50-9 a.m.	Zarter P 306
<p>How to develop and teach lessons incorporating a variety of curriculum and learning models appropriate for bright students. Included will be classroom observations.</p>			<p>Introduction to research skills and literature in students' fields. Includes an orientation to graduate studies. Ordinarily taken as first graduate course.</p>		
EDMT 510 11369	Teacher: Reflective Decision Maker (5) August 26-30, 9 a.m.-4 p.m.	Guest/Lee P 551	ED 501 11498	Philosophy of Education (3) TTH, 2nd and 4th F, 7:50-10:20 a.m.	Gilroy P 405
<p>One-week intensive course followed by two weeks of field experience. The course introduces the conceptual framework and research base for the program; examines the cultural, social, and political context of schools; and prepares participants in observational skills. Majors only. Regular Fall 1991 tuition.</p>			<p>Philosophical foundations of education and related fields.</p>		
ED 515 11444	Multi-cultures (3) July 22-August 2, 1:10-3:40 p.m.	Banks P 451	ED 515 11507	Multi-cultures (3) MTH, 5:45-8:45 p.m.	Banks P 352
<p>Examination of a wide variety of cultures with implications for helping professions.</p>			<p>Examination of a wide variety of cultures with implications for helping professionals.</p>		
ED 521 11713	Adult Psychology/Learning (3) July 15-August 9, MTH, 5:45-8:45 p.m.	Crow P 453	ED 522 11539	Child Psychology/Learning (3) Daily, 9:10-10:20 a.m.	Guest P 454
<p>Investigation of various theories of adult development and learning.</p>			<p>Investigation of various theories of child development and learning.</p>		
EDCI 531 13359	Creativity and Productive Thinking (3) July 8-19, 1:10-3:40 p.m.	Bronson/ Langdon ADM 221	ED 523 11542	Adolescent Psychology/Learning (3) MW, 1st and 3rd F, 11:50 a.m.-2:20 p.m.	Grieneeks P 454
<p>Discussion of the identification and assessment of creative abilities and productive thinking skills; curriculum development and instructional designs for creatively gifted students. Prerequisite: ED 450.</p>			<p>Investigation studies in adolescent psychology and learning.</p>		
ED 591C 11411	Teaching with Children's Literature (3) July 22-August 2, 10:30 a.m.-1 p.m.	Schlick-Noe P 405	EDAD 578 11550	Principles of Educational Law (3) Daily, 7:50-9 a.m.	Jackson P 454
<p>Using children's literature as the basis for reading comprehension and vocabulary instruction. Developing instruction in the content areas with relevant trade books.</p>			<p>Introduction to American legal system and principles affecting education. Emphasis on constitutional, statutory, regulatory, and case precedents applicable nationally to all levels of education.</p>		
ED 591C 11425	Integrating the Arts in Education (3) July 22-August 2, 1:10-3:40 p.m.	Selwyn P 452	EDAD 579 11568	Superintendent: Politics and Policy (3) TTH, 1:30-4:30 p.m.	Thompson P 456
<p>This course will synthesize research which provides a rationale for the effectiveness of the arts in education. Uses of the arts to enhance subject content will be explored. Emphasis will be on classroom applications of arts techniques.</p>			<p>Local, state, and federal political structures and processes which influence and are influenced by education policies. Emphasis on use of these systems by practicing superintendents to achieve goals.</p>		
EDAD 591C 11759	Higher Education Finance (3) July 15-August 9, TTH, 1:30-4:30 p.m.	Parks P 352	EDAD 586 11573	Professional Personnel (3) TTH, 2nd and 4th F, 11:50 a.m.-2:20 p.m.	Staff P 453
<p>An examination of financial issues confronting higher education.</p>			<p>Selection, assignment, evaluation, competency maintenance; positive personnel climate, rights, responsibilities, grievances, and bargaining procedures.</p>		
<h2>First Four-Week Term</h2> <p><i>(June 24 to July 19 for the School of Education only)</i></p>					
ED 432 11457	Mainstreaming (3) Daily, 9:10-10:20 a.m.	Hilton P 352	EDCI 513 11584	Supervision of Instruction (3) MW, 1st and 3rd F, 7:50-10:20 a.m.	Mroska P 453
<p>Issues surrounding mainstreaming; methods for working with exceptional students in the regular classroom.</p>			<p>Improvement of instruction through supervisory leadership.</p>		
ED 460 11466	Computers and Instructional Technology in the Classroom (3) Daily, 1:10-2:20 p.m.	Mroska P 354	EDCI 525 11596	Seminar in Teaching of Reading (3) Daily, 9:10-10:20 a.m.	Schlick-Noe P 306
<p>An examination of the uses of computers and forms of media in the classroom.</p>			<p>Development of reading skills at all levels; examination and evaluation of current reading practices, research, and materials. Prerequisite: ED 336 or 337 or equivalent.</p>		
ED 491C 11479	Teaching At Risk Students (3) Daily, 7:50-9 a.m.	Meadows P 354	EDCI 527 11602	Corrective Techniques in the Teaching of Reading (3) Daily, 10:30-11:40 a.m.	Staff P 306
<p>Course will explore best practices for educating low-achieving students who are at risk for school failure. It will focus on teaching strategies to help students both academically and socially.</p>			<p>Identification of components of effective corrective reading programs; description and application of specific methods and materials; evaluation and design of corrective reading approaches. Prerequisite: EDCI 524 or 554.</p>		
EDCI 541 11617	Seminar in Mental Retardation (3) Daily, 10:30-11:40 a.m.	Hilton P 405	EDCI 541 11617	Seminar in Mental Retardation (3) Daily, 10:30-11:40 a.m.	Hilton P 405
<p>Investigation, analysis and reporting on studies and trends in education of the mentally retarded. Prerequisite: ED 426 or equivalent.</p>			<p>Investigation, analysis and reporting on studies and trends in education of the mentally retarded. Prerequisite: ED 426 or equivalent.</p>		

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>EDCN 509 11626</b>	<b>Developmental School Counseling (3) TTH, 1:10-4:10 p.m.</b>	<b>Ingram P 452</b>
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Emphasizes expanded role of the school counselor as psychological educator, consultant, and systems change-agent. Studies models of these functions and promotes application to student's school setting.

<b>EDDR 604 11634</b>	<b>Workshop in Organizational Development and Change (3) MWF, 1:30-4:30 p.m.</b>	<b>Morford/Willing/ Thompson ADM 321</b>
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Integrated workshop relating to organizational development, conflict management. Majors only. Regular doctoral tuition.

<b>EDMT 540 11651</b>	<b>Reflective Teacher Seminar (3) MW, 1st and 3rd F, 7:50-10:20 a.m.</b>	<b>Lee P 405</b>
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Self-assessment and the development of a professional improvement plan including an initial articulation of a personal philosophy of teaching, based on a reflective analysis of historical and contemporary philosophies of education. Majors only. Regular tuition.

<b>EDMT 540 11665</b>	<b>Reflective Teacher Seminar (3) TTH, 2nd and 4th F, 9:10-11:40 a.m.</b>	<b>Lee P 551</b>
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Self-assessment and the development of a professional improvement plan including an initial articulation of a personal philosophy of teaching, based on a reflective analysis of historical and contemporary philosophies of education. Majors only. Regular tuition.

<b>EDMT 541 11678</b>	<b>MIT Research Project (3) Arranged</b>	<b>Zarter Arr</b>
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Student will develop skills in critically evaluating research in education and work in cooperative groups to conduct an action research project. Majors only. Regular tuition.

<b>EDMT 541 11680</b>	<b>MIT Research Project (3) Arranged</b>	<b>Chattin-McNichols Arr</b>
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Student will develop skills in critically evaluating research in education and work in cooperative groups to conduct an action research project. Majors only. Regular tuition.

## Second Four-Week Term

*(July 22 to August 16 for the School of Education only)*

<b>ED 422 11699</b>	<b>Working with Parents and Professionals (3) Daily, 9:10-10:20 a.m.</b>	<b>McKinney P 306</b>
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This course will focus on skills necessary for teachers to have to work with parents and professionals. Included are techniques for involving parents in the educational process, counseling approaches and conferencing practices. Emphasis on working with the parents of exceptional students.

<b>ED 424 11708</b>	<b>Introduction to Mildly Handicapped (3) Daily 7:50-9:00 a.m.</b>	<b>Denoon P 306</b>
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History and current practices in diagnosis and remediation of students learning- disabled and mildly handicapped students.

<b>EDAD 572 11724</b>	<b>The Principalship (3) MW, 1st and 3rd F, 8:50-11:40 a.m.</b>	<b>Barker P 401</b>
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Leadership of faculty, student, and community groups to meet school goals; development of school culture; and management of building functions and resources. Prerequisite: School of Education and administration core course work.

<b>EDAD 576 11731</b>	<b>School Business Administration (3) MW, 1st and 3rd F, 7:50-10:20 a.m.</b>	<b>Staff P 454</b>
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Legal and procedural factors in school budgeting, expending, accounting, auditing, planning policy, program budgeting, and community reporting as they relate to federal and state rules and regulations.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>EDAD 589 11745</b>	<b>Washington School Law and Finance (3) TTH, 2nd and 4th F, 7:50-10:20 a.m.</b>	<b>Hannah P 454</b>
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School laws of Washington based on its constitution, statutes, administrative code, and court precedents. Includes requirements of school finance for budgeting, accounting, and auditing procedures. Emphasis on application to K-12 schools. Prerequisite: EDAD 578.

<b>EDCI 510 11777</b>	<b>Basic Curriculum and Instruction (3) MW, 1st and 3rd F, 11:50 a.m.-2:20 p.m.</b>	<b>Weaver P 352</b>
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Study of the foundations of curriculum and instructional development. Investigation and analysis of selected current issues, innovations, and trends with an emphasis on their bases.

<b>EDCI 512 11790</b>	<b>Seminar: Instructional Effectiveness (3) Daily, 9:10-10:20 a.m.</b>	<b>Bravmann P 405</b>
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Survey of current research on teacher behaviors, instructional patterns, classroom conditions, and school characteristics associated with student learning. Review of teaching and learning styles with an emphasis on value-based instruction.

<b>EDCI 543 11786</b>	<b>Seminar in Behavior Disorders (3) Daily, 10:30-11:40 a.m.</b>	<b>Denoon P 306</b>
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Overview of practices and rationales in the education of the behavior-disordered and/or emotionally disturbed child. Structuring of individualized remedial programs and techniques which utilize available agencies and personnel.

<b>EDCI 546 11762</b>	<b>Class Management (3) Daily, 11:50 a.m.-1 p.m.</b>	<b>McKinney P 453</b>
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Critical analysis of management systems such as operant discrimination learning, and environmental control.

<b>EDDR 600 11806</b>	<b>Workshop in Educational Leadership (9) Daily, 9 a.m.-4:30 p.m.</b>	<b>Morford/ Willing/Thompson LL 114</b>
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\*Follows regular schedule of July 15-August 9  
An integrated four-week workshop in educational leadership. Includes theoretical and practical study of leadership in educational institutions. Required first course in the Ed.D program. Majors only. Full doctoral tuition.

## Seven-Week Session

*(June 17 to August 2 for the School of Education only)*

<b>EDRB 515 11643</b>	<b>Loss and Grief (3) TTH, 4:50-6:50 p.m.</b>	<b>Haney P 551</b>
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Loss and grieving process as they relate to illness, injury, disability, and dying.

## Eight-Week Session

*(June 24 to August 16 for the School of Education only)*

<b>ED 591C 13199</b>	<b>Vocational-Technical Education (3) T, 5:45-8:45 p.m.</b>	<b>Staff P 453</b>
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A seminar. Following an introduction to philosophical positions, the student is acquainted with types of training, service areas, and delivery systems in relation to philosophical orientations. Conflicts are examined in relation to philosophy, legislative history, governance, structure, and current operations.

<b>EDAD 564 11819</b>	<b>Administrative Internship I (2) Arranged</b>	<b>Barker Arr</b>
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Supervised experiences in building, program, and school business administration, as well as for managing institutional development and training services. On-site conferences, group seminars, and regional meetings. Prerequisites: Course work in administration and permission of program coordinator at least one full quarter prior to beginning internship. Required for principal and program administrator credentials. Grades S - satisfactory, NC - no credit.

# CLASSES

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room	Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
<b>EDAD 565</b> <b>11822</b>	<b>Administrative Internship II (2)</b> <b>Arranged</b>	<b>Barker</b> <b>Arr</b>	<b>EDDR 606</b>	<b>Independent Study in Ed Leadership (1-5)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
See description above.			<b>EDDR 607</b>	<b>Independent Study in Ed Leadership (1-5)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
<b>EDAD 566</b> <b>11835</b>	<b>Administrative Internship III (2)</b> <b>Arranged</b>	<b>Barker</b> <b>Arr</b>	<b>EDDR 608</b>	<b>Internship in Ed Leadership (1-9)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
See description above.			Planned internship in a leadership position in an actual educational setting under the supervision of an experienced leader and a Seattle University supervisor. Graded S/NC.		
<b>EDAD 570</b> <b>11841</b>	<b>Leadership in Education I (3)</b> <b>W, 5:45-8:45 p.m.</b>	<b>Barker</b> <b>P 453</b>	<b>EDDR 608C</b> <b>13206</b>	<b>Internship in Ed Leadership (3)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
Introduction to program through personal values assessment and examination of values of leaders, the process of valuing, leadership and value theories, and development of a personal growth plan.			See description above.		
<b>EDAD 595</b> <b>11853</b>	<b>Administrative Graduate Project (3)</b> <b>Arranged</b>	<b>Barker</b> <b>Arr</b>	<b>EDDR 609C</b> <b>13219</b>	<b>Superintendent Internship (3)</b> <b>Arranged</b>	<b>Thompson</b> <b>Arr</b>
Intensive library research. Approximately 30 hours of reading and allied assignments for each credit. Completion reports will include analysis and critical appraisal of materials read. Prerequisite: Permission of adviser.			Planned internship in school superintendency under the supervision of an experienced superintendent and a Seattle University supervisor. Graded S/NC.		
<b>EDAD 596</b>	<b>Administrative Independent Study (1-3)</b> <b>Arranged</b>	<b>Barker</b> <b>Arr</b>	<b>EDDR 610</b>	<b>Doctoral Project (1-14)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
Individualized reading and reporting on a specific topics approved by instructor. Approximately 30 hours of reading and allied assignments for each credit. Completion reports will include analysis and critical appraisal of materials. Prerequisite: Permission of adviser. Request course number from Registrar's Office at time of registration.			A doctoral level project completed under the supervision of a project committee and a major professor. Eleven to 19 credits are required for the Ed.D. degree. Quarterly registration will range from one to 14 credits as approved by the adviser.		
<b>EDAD 597</b>	<b>Administrative Independent Study (1-3)</b> <b>Arranged</b>	<b>Barker</b> <b>Arr</b>	<b>EDDR 610C</b> <b>13222</b>	<b>Doctoral Project (3)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
See description above.			See description above.		
<b>EDAD 598</b>	<b>Administrative Independent Study (1-3)</b> <b>Arranged</b>	<b>Barker</b> <b>Arr</b>	<b>EDDR 610E</b> <b>13235</b>	<b>Doctoral Project (5)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
See description above.			See description above.		
<b>EDCI 549</b>	<b>Practicum: Special Education (3-6)</b> <b>Arranged</b>	<b>Hilton</b> <b>Arr</b>	<b>EDDR 613</b> <b>12136</b>	<b>Project Continuation (0)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
Diagnostic and prescriptive teaching with children who have learning or behavior problems. Laboratory course. Prerequisite: Permission of instructor. Request course number from Registrar's Office at time of registration			Doctoral students who do not complete the dissertation in four years must register for this course in each quarter of the fifth and following years until completion.		
<b>EDCI 554</b> <b>11905</b>	<b>Diagnosis and Prescription (3)</b> <b>MW, 1:10-3:10 p.m.</b>	<b>Staff</b> <b>P 456</b>	<b>EDDR 649</b> <b>12147</b>	<b>Doctoral Enrollment (0)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
Comparison of various methods used in the diagnosis of learning problems. Selection, administration, and analysis of tests, writing educational prescriptions. Prerequisite: ED 424.			Doctoral students who must maintain continuous enrollment register for EDDR 649 during any quarter in which they are not otherwise registered. Permits validation of student ID.		
<b>EDCI 595</b> <b>11918</b>	<b>Curriculum Graduate Project (3)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>	<b>Eight-Week Session</b>		
Scholarly graduate project designed to improve some aspect of education. Prerequisites: Graduate core requirements and approval of adviser. (May be graded S/NC)			<i>(These classes will follow regular eight-week session, June 17 to August 9)</i>		
<b>EDCI 596</b>	<b>Curriculum Independent Study (1-4)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>	<b>EDCN 512</b> <b>11947</b>	<b>Career Counseling and Informational Sources (3)</b> <b>T, 7-9:50 p.m.</b>	<b>Crow</b> <b>P 304</b>
Library research in curriculum. Approximately 30 hours of reading and allied assignments per credit. Reports will include analysis and critical appraisal of materials read. Prerequisite: Permission of adviser. Graduate students only. (May be graded S/NC)			Study of vocational development. Exploration of educational, social, vocational, and referral sources. Prerequisite: EDCN 511.		
<b>EDCI 598</b>	<b>Curriculum Independent Study (1-4)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>	<b>EDCN 517</b> <b>11954</b>	<b>Group Counseling/Theories and Practice (3)</b> <b>W, 4:20-6:50 p.m., Lab, W, 7:00-9:00 p.m.</b>	<b>Afanador</b> <b>P 452</b>
See description above.			Emphasizes group counseling theory. Provides group experiences (including required 10-hour marathon) to integrate theory and practice. Discusses possible applications in various school, college, and agency settings along with relevant ethical considerations. Prerequisites: EDCN 510, 511.		
<b>EDDR 605</b>	<b>Independent Study in Ed Leadership (1-5)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>			

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>EDCN 552</b> <b>11963</b>	<b>Individual Counseling Practicum I (3)</b> M, 4-6:50 p.m.	<b>Staff</b> <b>P 456</b>
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Supervised counseling experience with off-campus clients. Prerequisite: EDCN 551.

<b>EDCN 558</b> <b>11972</b>	<b>Community Mental Health (3)</b> TH, 7-9:50 p.m.	<b>Johnson</b> <b>P 304</b>
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An examination of organization, clientele, and functions of community mental health agencies. Focus on clinical assessment, case conceptualization and management.

<b>EDCN 564</b> <b>11989</b>	<b>Counseling Internship I (4)</b> M, 4-6:50 p.m.	<b>Grieneeks</b> <b>P 454</b>
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Prerequisite: EDCN 552.

<b>EDCN 565</b> <b>11991</b>	<b>Counseling Internship II (4)</b> M, 4-6:50 p.m.	<b>Afanador</b> <b>P 551</b>
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<b>EDCN 566</b> <b>12008</b>	<b>Counseling Internship III (3)</b> M, 4-6:50 p.m.	<b>Haney</b> <b>ADM 202</b>
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Supervised field experiences in a school or agency. Taken in final three quarters of graduate program with permission and application made two quarters earlier. On-campus seminar required first and second quarters. Permission of instructor. (May be graded S/NC)

<b>EDCN 591C</b> <b>12013</b>	<b>Spirituality and the Counselor (3)</b> M, 7-9:50 p.m.	<b>O'Connor</b> <b>P 304</b>
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An investigation of the spiritual dimension of the counselor and of counseling through readings and experimental activities. Prerequisite: EDCN 511.

<b>EDCN 595</b>	<b>Counseling Graduate Project (3-6)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
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Investigation of some practical aspect of the counseling field. Mandatory for Master of Arts in Education degree. Prerequisite: Permission of adviser. Graduate students only.

<b>EDCN 596</b>	<b>Counseling Independent Study (1-3)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
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Intensive reading and field research in a topic agreed on by adviser and student. 30 hours work per credit. Graduate students only. Prerequisite: Permission of adviser. (May be graded S/NC)

## Engineering: Mechanical

### Eight-Week Session

<b>ME 350</b> <b>11515</b>	<b>Materials Science (5)</b> Daily, 9:20-10:20 a.m.	<b>Gehlen</b> <b>BA 202</b>
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Structure and bonding of metals and non-metals. Equilibrium diagrams. Time-dependent transformations. Relation of structure to properties. Prerequisite: Departmental candidacy in one of the engineering departments.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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## Engineering: Software

### Eight-Week Session

<b>SE 500</b> <b>10696</b>	<b>Information Structures and Algorithms (3)</b> M, 5:30-8:30 p.m.	<b>Sugiyama</b> <b>ENGR 304</b>
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Theory and applications of linear, tree, and graph structures; memory management; sort/merge; algorithm design and analysis.

<b>SE 591C</b> <b>10703</b>	<b>Macintosh Applications Programming (3)</b> T, 5:50-8:30 p.m.	<b>Spector</b> <b>ENGR 304</b>
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Experience in using the Macintosh toolbox for constructing application programs. Emphasis will be based on object-oriented design and software engineering principles.

## English

### Short Classes

<b>EN 391E</b> <b>10410</b>	<b>Americans in Paris (5)</b> August 11-25, in Paris, France	<b>Weihe</b> <b>NOC</b>
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A social history of the expatriate writers and artists who created and celebrated Modernism in Paris in the 1920's. The course is conducted in Paris. Contact instructor for details: 296-5426, Casey 513

### Seven-Week Session

<b>EN 101</b> <b>10333</b>	<b>Basic Writing (5)</b> Daily, 10:30-11:40 a.m.	<b>Hasseler</b> <b>ADM 220</b>
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Instruction and practice in basic writing skills with emphasis on generating, organizing, and developing ideas in paragraphs and short essays. Emphasis also, on control of sentence structure, punctuation, and standard usage. Through focus on the writing process, the course aims to increase students' self-confidence as writers. Counts toward graduation, but does not satisfy core writing requirements.

<b>EN 110</b> <b>10344</b>	<b>Freshman English (5)</b> Daily 9:10-10:20 a.m.	<b>Hasseler</b> <b>ADM 220</b>
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Focuses on reading and writing as creative, interpretive, and argumentative acts. Seeks to develop the rhetorical skills of invention, arrangement, style, and correctness, needed for college success. **Core**

<b>EN 120</b> <b>10357</b>	<b>Masterpieces of Literature (5)</b> Daily, 7:50-9 a.m.	<b>Tadie</b> <b>ADM 220</b>
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A study of narrative, drama, and poetry. The student will learn to appreciate how these literary forms embody metaphoric, poetic, and mythic ways of knowing; through writing assignments, the student will also learn how to respond to literature. **Core**

<b>EN 120</b> <b>10366</b>	<b>Masterpieces of Literature (5)</b> Daily, 10:30-11:40 a.m.	<b>Tadie</b> <b>ADM 223</b>
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See description above. **Core**

<b>EN 340</b> <b>13386</b>	<b>British Romanticism (5)</b> Daily, 7:50-9 a.m.	<b>Taylor</b> <b>ADM 320</b>
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An analysis and discussion of the major works of the Romantic period with emphasis on the poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats.

# CLASSES

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>EN 391E 10404</b>	<b>Religious Experience in Autobiography and Story (5) Daily, 7:50-9 a.m.</b>	<b>Leigh ADM 307</b>
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A study of religious experience as expressed in stories and autobiographies of major writers such as Augustine of Hippo, Thomas Merton, C.S. Lewis, Flannery O'Connor, Dorothy Day, Malcolm X, and others. Also offered under RS 293.

<b>EN 391E 10428</b>	<b>Equivocal Spirits: Alcoholism and Drinking in 20th Century Literature (5) Daily, 9:10-10:20 a.m.</b>	<b>Gilmore ADM 307</b>
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A study of the theme of drinking in such major writers as O'Neill, Fitzgerald, Cheever, and Berryman. A new way of looking at literature and alcoholism. Also offered as ADD 491E.

<b>EN 391E 10432</b>	<b>Introduction to Linguistics (5) MWF, 10:30 a.m.-12:30 p.m.</b>	<b>Monda ADM 307</b>
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A study of the basic concepts governing phonology, grammar, syntax, and the lexicon of language. Especially appropriate for teachers.

<b>EN 391E 13331</b>	<b>Film and Literature (5) Daily, 10:30-11:40 a.m.</b>	<b>Taylor BA 301</b>
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Introduction to film art. The goal is to help students to see, understand, enjoy, and judge films more effectively, with assurance and validity.

## **Eight-Week Session**

<b>EN 120 10379</b>	<b>Masterpieces of Literature (5) MW, 5:30-8 p.m.</b>	<b>MacLean ADM 223</b>
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A study of narrative, drama, and poetry. The student will learn to appreciate how these literary forms embody metaphoric, poetic, and mythic ways of knowing; through writing assignments, the student will also learn how to respond to literature.

<b>EN 330 10382</b>	<b>Shakespeare (5) MW, 5:30-8 p.m.</b>	<b>Rowan ADM 307</b>
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A study of selected plays of Shakespeare with special attention to his craft as a playwright and to contemporary approaches of criticism.

<b>EN 391E 10398</b>	<b>American Writers (5) TTH, 5:30-8 p.m.</b>	<b>MacLean ADM 307</b>
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A survey of American writers from 1850-1980's with attention to the cultural diversity of America.

## **Fine Arts: Art**

### **First Four-Week Term**

<b>ART 292B 12821</b>	<b>Painting with a Japanese Brush (2) TTH, 1:10-3:25 p.m.</b>	<b>Thiel BU 104</b>
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Using the Japanese brush and ink, the student learns the step-by-step strokes of traditional painting and calligraphy, painting mountains, trees, animals, flowers, and people, combining them with poetic writing. They will use the extra energy of the brush in contemporary painting.

### **Second Four-Week Term**

<b>ART 293E 13489</b>	<b>Fine Arts Photography (5) Daily, 10 a.m.-12 p.m.</b>	<b>Masel ADM 202</b>
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Introduction to the basic theory and techniques of black-and-white still photography. Emphasis on use of the camera and of the darkroom. Students must have use of adjustable 35 mm camera. Lab fee. Also offered under COMJ 291.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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## **Fine Arts: Drama**

### **First Four-Week Term**

<b>DR 230 12154</b>	<b>Video Profiles (5) Daily, 7:50-10:20 a.m.</b>	<b>Dore BU 119</b>
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Designed for people who will appear in public in various roles and situations: interviews, group discussions, panels, and demonstrations. Students will be videotaped so they may study themselves and evaluate the effectiveness of their appearances.

## **Fine Arts: Music**

### **Eight-Week Session**

<b>MU 110A 12839</b>	<b>Piano Lessons (1) *Arranged</b>	<b>Barnes BU 117</b>
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<b>MU 110B 12842</b>	<b>Piano Lessons (2) *Arranged</b>	<b>Barnes BU 117</b>
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<b>MU 310A 12873</b>	<b>Advanced Piano Lessons (1) *Arranged</b>	<b>Barnes BU 117</b>
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<b>MU 310B 12884</b>	<b>Advanced Piano Lessons (2) *Arranged</b>	<b>Barnes BU 117</b>
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\*Contact instructor or Fine Arts Department Office before beginning of term to schedule lessons. Classes are Credit/No Credit. No auditors. Tuition plus \$52 per credit hour additional fee charged for private lessons.

<b>MU 111A 12850</b>	<b>Voice Lessons (1) *Arranged</b>	<b>Boreson BU 108</b>
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<b>MU 111B 12868</b>	<b>Voice Lessons (2) *Arranged</b>	<b>Boreson BU 108</b>
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<b>MU 311A 12896</b>	<b>Advanced Voice Lessons (1) *Arranged</b>	<b>Boreson BU 108</b>
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<b>MU 311B 12909</b>	<b>Advanced Voice Lessons (2) *Arranged</b>	<b>Boreson BU 108</b>
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<b>MU 140 12172</b>	<b>Beginning Voice Class (1) *Arranged</b>	<b>Boreson BU 108</b>
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\*Contact instructor of Fine Arts Department Office before beginning of term to schedule class. No auditors.

## **Foreign Languages**

### **Eight-Week Session**

<b>FL 191E 13050</b>	<b>Introduction to Japanese Culture (5) Japanese in Japan Overseas program</b>	<b>Hanson Arr</b>
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A survey of the distinctive elements of Japanese culture, how they developed historically and how they have (or have not) changed in modern-day Japan. Readings—all in English—will include both fiction and non-fiction. Must be taken with FL 192E 13068. Contact department.

<b>FL 192E 13068</b>	<b>Conversational Japanese (5) Japanese in Japan Overseas program</b>	<b>Staff</b>
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Practical Japanese for those with one year of college-level Japanese or the equivalent. Emphasis will be on situations and vocabulary useful while living in Japan. Will include practice with written as well as spoken Japanese. Must be taken with FL 191E 13050. Contact department.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>FL 191E</b> <b>13021</b>	<b>Russian Language I (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Staff</b> <b>ADM 205</b>
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<b>FL 192E</b> <b>13039</b>	<b>Russian Language II (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Staff</b> <b>ADM 205</b>
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Accelerated introduction to Russian totaling 10 credits. Emphasis on oral communication and understanding culture through language. No prerequisites. Develops the four skills of understanding, speaking, reading and writing. Conducted in Russian.

<b>FR 115</b> <b>10023</b>	<b>French Language I (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Milan/Reinking</b> <b>ADM 208</b>
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<b>FR 125</b> <b>10037</b>	<b>French Language II (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Milan/Reinking</b> <b>ADM 208</b>
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<b>FR 135</b> <b>10046</b>	<b>French Language III (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Milan/Reinking</b> <b>ADM 208</b>
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These intensive courses, totaling 15-credits, are taught by skilled specialists using an intuitive approach to understanding, speaking, reading, and writing in the language taught. These courses constitute a systematic, programmed study of the French language. All language courses are taught in the subject language, and will take the beginning student through the first year of college French.

<b>SP 115</b> <b>10058</b>	<b>Spanish Language I (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Perozo/Silva</b> <b>ADM 206</b>
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<b>SP 125</b> <b>12914</b>	<b>Spanish Language II (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Perozo/Silva</b> <b>ADM 206</b>
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<b>SP 135</b> <b>10071</b>	<b>Spanish Language III (5)</b> <b>Daily, 8-11:30 a.m.</b>	<b>Perozo/Silva</b> <b>ADM 206</b>
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These intensive courses, totaling 15-credits, are taught by skilled specialists using an intuitive approach to understanding, speaking, reading, and writing in the language taught. These courses constitute a systematic, programmed study of the Spanish language. All language courses are taught in the subject language, and will take the beginning student through the first year of college Spanish.

## General Science

### Eight-Week Session

<b>ISC 291E</b> <b>13042</b>	<b>Principles of Geology (5)</b> <b>MTTHF, 10:30-11:30 a.m.</b>	<b>R. Smith</b> <b>ENGR 400</b>
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Study of the principles of modern geology with consideration of both the physical and historical aspects. Topics will include modern Plate theory, tectonics, uniform processes, and the Fossil Record. Arranged field trips on weekends.  
**Core Option**

## History

### Seven-Week Session

<b>HS 120</b> <b>11229</b>	<b>Introduction to Western Civilization (5)</b> <b>Daily, 1:10-2:20 p.m.</b>	<b>Fisher</b> <b>ADM 220</b>
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A study of the ideas, values, and institutions that have comprised Western Civilization.  
**Core Option**

<b>HS 120</b> <b>11230</b>	<b>Introduction to Western Civilization (5)</b> <b>Daily, 10:30-11:40 a.m.</b>	<b>Madsen</b> <b>ADM 224</b>
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See description above.  
**Core Option**

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>HS 281</b> <b>11275</b>	<b>Survey of Far East Since 1900 (5)</b> <b>Daily 9:10-10:20 a.m.</b>	<b>Mann</b> <b>ADM 308</b>
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Domestic and international development of China, Japan, and the states of Southeast Asia.

<b>HS 341</b> <b>11256</b>	<b>History of the Pacific Northwest (5)</b> <b>Daily, 9:10-10:20 a.m.</b>	<b>Saltvig</b> <b>ADM 306</b>
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Past development and present problems of the Pacific Northwest with emphasis on Washington state.

<b>HS 391E</b> <b>11267</b>	<b>History of Southern Africa (5)</b> <b>Daily, 11:50 a.m.-1 p.m.</b>	<b>Siwundhla</b> <b>ADM 306</b>
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An analysis of the history of southern African states.

<b>HS 391E</b> <b>12923</b>	<b>Europe Since Hitler (5)</b> <b>Daily, 7:50-9 a.m.</b>	<b>T. Taylor</b> <b>ADM 308</b>
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From the physical and psychological ruins of Berlin to the recent upheavals in the Soviet Union and Eastern Europe, this course explores the political, cultural, and intellectual transformations of Europe since the end of World War II.

<b>HS 391E</b> <b>11294</b>	<b>Historical Geography (5)</b> <b>Daily, 10:30-11:40 a.m.</b>	<b>Mann</b> <b>ADM 308</b>
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A survey of the impact of geographical factors in historical experience. Case studies from pre-history to contemporary times in most continents consider how location land, climate, resource availability, population size, and distribution affect cultural, political, and economic development.

<b>HS 391E</b> <b>11301</b>	<b>Biography as History (5)</b> <b>Daily, 9:10-10:20 a.m.</b>	<b>Parry</b> <b>ADM 320</b>
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An analysis of biography as a form of historical writing.

<b>HS 397</b>	<b>Independent Study (1-5)</b>	<b>Staff</b> <b>Arr</b>
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<b>HS 480E</b> <b>12937</b>	<b>Latin American Revolutions (5)</b> <b>Daily, 10:30-11:40 a.m.</b>	<b>Fisher</b> <b>ADM 306</b>
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Comparative study of social and economic conditions before, during and after the revolutions. Political theories and actualities, literary and personal reflections by leaders, followers, and bystanders, women and men.

### Eight-Week Session

<b>HS 221</b> <b>11248</b>	<b>Modern Western Civilization (5)</b> <b>TTH, 5:30-8 p.m.</b>	<b>Parry</b> <b>ADM 224</b>
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An analysis of the modernizing Western World of the 19th and 20th centuries, the spread of modernization to the non-west and the tension between traditional and modernizing societies as a global problem of the 20th century.  
**Core Option**

## Institute for Theological Studies

### Short Classes

<b>ITS 542</b> <b>13253</b>	<b>The Writings (3)</b> <b>June 17-August 5, M, 1-4:30 p.m.</b>	<b>Eblen</b> <b>P 353</b>
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A study of the art and multiple genres of biblical poetry within the third division of the Hebrew Bible.

<b>ITS 575</b> <b>11049</b>	<b>Canon Law (2)</b> <b>June 17-28, 9-11 a.m.</b>	<b>Monroe</b> <b>P 456</b>
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An over view of the Canon Law governing the Catholic Church; an approach to its interpretation and pastoral use.

# CLASSES

Course/Section  
Reference Number Description/Credit  
Session/Time

Instructor  
Building/Room

Course/Section  
Reference Number Description/Credit  
Session/Time

Instructor  
Building/Room

## First Four-Week Term

**ITS 506** **Christian Ethics (3)** **Secker**  
**11032** **MWF, 9-11:50 a.m.** **P 353**

A study of the dynamics of moral decision-making, the process of moral development, and principles of Christian moral action.

**ITS 599C** **Graduate Project (3)** **Staff**  
**13241** **Arranged** **Arr**

Required for Master of Pastoral Ministry degree completion.

## Second Four-Week Term

**ITS 591C** **Foundations in Liturgy (3)** **Skublics**  
**13463** **MWF, 9-11:30 a.m.** **P 353**

The dynamics, principles and meaning of the liturgical encounter with God through symbolic word, icon, space, and action is investigated, aiming at an informed approach to liturgy. Also offered under RS 491E.

# Institute for Theological Studies/ SUMORE

## Short Classes

**ITSS 504** **Christology (3)** **Hart**  
**10840** **July 15-26, 9-11:50 a.m.** **P 305**

A survey of theological reflection on Jesus, his life, his teaching, his death- resurrection. Examines the New Testament, the Fathers, the important conciliar definitions, the scholastic synthesis, and contemporary discussion; it covers three questions: Who is this man? How does he save us? How do we relate to him now? Permission of director.

**ITSS 505** **Church (3)** **Padovano**  
**10852** **July 29-Aug. 9, 9-11:50 a.m.** **P 305**

Involves biblical, historical, and theological reflections on the meaning of the church, aimed at a deeper understanding and living of its reality. Major themes include: Christ, spirit, power and authority, and role of women. Permission of director.

**ITSS 506** **Christian Ethics (2)** **Secker**  
**10869** **June 18-21, 2-4:30 p.m.** **P 305**  
**June 24-27, 2-4:30 p.m.**

Beginning with an overview of traditional Catholic moral theology, this course will cover contemporary challenges to traditional method and content. It will also attempt to integrate personal and social morality with Christian spirituality and social justice. The course includes some case method material. Permission of director.

**ITSS 508** **Biblical Interpretation (3)** **Eblen/Barta**  
**13297** **July 15-26, 9-11:50 a.m.** **P 354**

This course introduces the writings of the Hebrew Bible and Christian Scriptures by answering such questions as: What factors influence the interpretation of a text? Does the reader discover meaning or create it? How does one judge between differing interpretations? Discussions will include a review of classical and contemporary interpretations, a critical reflection on the reader's situation, and the development of a hermeneutically sensitive process for reading biblical texts. Permission of director.

**ITSS 509** **Theology of Ministry (3)** **Broccolo**  
**13308** **July 1-12, 9-11:50 a.m.** **P 302**

New paradigms of partnership between the secular and the sacred are reshaping the meaning of mission and the role of Church leadership. This course will help participants examine their intuitions and experiences of this pastoral transition as a framework for exploring future trends. The process will emphasize theological reflection rather than historical survey; that is, doing rather than studying a theology of ministry. Permission of director.

**ITSS 510** **Christian Self-Understanding (3)** **Rolheiser**  
**10874** **June 18-21, 9-11:50 a.m.** **P 305**  
**June 24-28, 9-11:50 a.m.**

This course will draw upon insights from a variety of theological and psychological disciplines in an attempt to provide a wide Christian model for understanding the human person. Permission of director.

**ITSS 516** **Spiritual Direction (2)** **Wallace**  
**10883** **July 1-4 and 8-11, 2-4:30 p.m.** **P 305**

This course will explore the nature, purpose, and process of spiritual direction and examine the skills which help facilitate this process. Majors only.

**ITSS 522** **Justice and Advocacy (2)** **Shannon**  
**10895** **July 29-Aug. 9, 9-11 a.m.** **P 302**

This course will examine the theological and sociological basis for action on behalf of justice. Students will have the opportunity to learn specific skills for involving parishioners in the work for justice in their communities. Permission of director.

**ITSS 533** **Theories of Religious Education (3)** **Zappone**  
**10908** **June 18-21 and 24-28, 9-11:50 a.m.** **ADM 305**

Examines the nature and purpose of religious education in today's world. Through a survey of contemporary theories, drawing upon insights gained in educational settings, we will consider how the education process encourages social and environmental transformation. Permission of director.

**ITSS 552** **Interpersonal Process (2)** **Ferder/Heagle**  
**10913** **June 18-21, 2-4:30 p.m.** **P 304**  
**June 24-27, 2-4:30 p.m.**

This course reflects on the primary communication skills of attentive listening, knowing and expressing feelings, verbal clarity, self-disclosure, and managing conflict. Reflections will come from both a theological and psychological perspective. Majors only.

**ITSS 553** **Conflict Resolution (2)** **Rochelle-Stephens**  
**10924** **July 1-12, 9-11 a.m.** **P 305**

Enables more effectiveness in negotiating the large and small conflicts in professional and personal life. Includes theory input, interpersonal sharing, skill-building, and awareness exercises. Majors only.

**ITSS 555** **Organizational Development (3)** **Wilson**  
**10931** **July 1-12, 9-11:50 a.m.** **P 452**

Using constructs derived from the whole field of organizational development, this course will seek to engage students in guided reflection, leading to decisions concerning ways they might effectively intervene in the systems they find themselves involved in. Majors only.

**ITSS 556** **Pastoral Counseling (3)** **Wemhoff/Smith/Steig**  
**10945** **June 18-21 and 24-28, 9-11:50 a.m.** **P 452**

Students will have opportunity to practice the skills of counseling and to discover means of assessing personal effectiveness through triads which are comprised of self and two other members of the class. Majors only.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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<b>ITSS 587</b> <b>10959</b>	<b>Practicum I (2)</b> <b>July 15-25, MTTH, 2-4:30 p.m.</b>	<b>Staff</b> <b>P 305</b>
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This course helps those involved in ministry to determine areas for personal growth. A holistic growth plan is introduced and used as the basis for a growth-covenant. Majors only.

<b>ITSS 588</b> <b>10962</b>	<b>Practicum II (2)</b> <b>July 19 and 26, 12:30-3 p.m.</b>	<b>Staff</b> <b>P 353</b>
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This course consists of a process to help formulate professional goals which, with the aid of a local mentor, will enhance the performance of ministry. Majors only.

<b>ITSS 588</b> <b>13390</b>	<b>Practicum II (2)</b> <b>August 2 and 9, 12:30-3 p.m.</b>	<b>Staff</b> <b>P 353</b>
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See description above.

<b>ITSS 591A</b> <b>10977</b>	<b>Global Spirituality-I (1)</b> <b>July 29-August 1, 2-4:30 p.m.</b>	<b>Spangler</b> <b>P 354</b>
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For three hundred years, science has been exploring the nature of the universe, and religion has been trying to adapt to its discoveries. Now, science itself is coming full circle back to a view of the cosmos that parallels in many respects ancient mystical perceptions of the nature of reality. We will look at these ideas in relationship to new images of spirituality, a "global" spirituality appropriate to an interconnected and interdependent world. Permission of director.

<b>ITSS 592A</b> <b>10986</b>	<b>Global Spirituality-II (1)</b> <b>August 5-8, 2-4:30 p.m.</b>	<b>Spangler</b> <b>P 354</b>
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In his book *The Dream of the Earth*, Fr. Thomas Berry writes of the reemergence in our time of the "shamanic dimension of the psyche" as a response to the need for an ecological spirituality. What is this "shamanic dimension"? Through lecture and discussion, course participants will explore this question, look at the relationship of the shamanic dimension to a personal spiritual practice in a time of cultural change and ecological challenge, and seek to define the nature of an emerging global spirituality. Permission of director.

<b>ITSS 592B</b> <b>10990</b>	<b>Spirituality and Theology of Aging (2)</b> <b>July 15-18 and 22-25, 2-4:30 p.m.</b>	<b>Fischer</b> <b>P 306</b>
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This course explores the spiritual gifts and challenges found in our common experience of aging, especially in life's later years. Themes will include religious images of aging, contemplation and a changing sense of time, memories and life review, love and sexuality, dependence and independence, loss and Christian hope, and the spiritual concerns of the aging family. Permission of director.

<b>ITSS 593B</b> <b>11010</b>	<b>Developing Curriculum in Religious Education (2)</b> <b>July 1-4 and 8-11, 2-4:30 p.m.</b>	<b>Gilligan</b> <b>P 302</b>
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In this course we will look at various philosophers of education and reflect on the implications of their theories for developing curriculum in religious education. Permission of director.

<b>ITSS 598</b>	<b>Independent Study (1-6)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
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<b>ITSS 599</b> <b>13418</b>	<b>Completion Project (3)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
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Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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# Mathematics

## First Four-Week Term

<b>MT 118</b> <b>10014</b>	<b>College Algebra for Business (5)</b> <b>Daily, 8-10:10 a.m.</b>	<b>Mirbagheri</b> <b>BA 403</b>
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Sets; functions; graphing; polynomial, exponential, and logarithmic functions; linear equations and inequalities; applications to business. Prerequisite: MT 101 or equivalent. **Core Option**

<b>MT 130</b> <b>10251</b>	<b>Elements of Calculus for Business (5)</b> <b>Daily, 8-10:10 a.m.</b>	<b>Mills</b> <b>BA 301</b>
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Limits, continuity; differentiation, integration, applications to business. Prerequisite: MT 118 or MT 111. **Core Option**

## Seven-Week Session

<b>MT 136</b> <b>10265</b>	<b>Calculus and Analytic Geometry III (5)</b> <b>Daily, 10:30-11:40 a.m.</b>	<b>Guy</b> <b>ENGR 311</b>
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Indeterminate forms, infinite series and Taylor's theorem, vectors, polar coordinates, solid analytic geometry. Prerequisite: MT 135.

<b>MT 222</b> <b>10278</b>	<b>Discrete Structures (5)</b> <b>MTTH, 1:10-3:20 p.m.</b>	<b>Sullivan</b> <b>ENGR 311</b>
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Logic, set theory, equivalence relations and partitions, algebraic structures, combinatorics, graph theory, applications to computer science. Prerequisite: MT 135 and programming course.

# Military Science

## Eight-Week Session

<b>MS 296</b>	<b>Independent Study (1-3)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
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Prerequisite: Permission of instructor.

<b>MS 314</b> <b>13084</b>	<b>Advanced Camp (4)</b> <b>Arranged</b>	<b>Staff</b> <b>NOC</b>
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Successful completion is prerequisite to commissioning. At Ft. Lewis students are placed in a variety of roles to practice leadership and management competencies in the broader context of officership. Prerequisite: Permission of instructor, MS 311, 312, and 313.

<b>MS 315</b> <b>13096</b>	<b>Advanced Camp - Nursing (4)</b> <b>Arranged</b>	<b>Staff</b> <b>NOC</b>
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Successful completion is prerequisite to commissioning. At Madigan Army Medical Center nursing students are placed in a variety of roles as Army nurses to develop their professional competencies, both as nurses and as officers. Prerequisite: Permission of instructor, MS 311, 312, and 313.

<b>MS 496</b>	<b>Independent Study (1-5)</b> <b>Arranged</b>	<b>Staff</b> <b>Arr</b>
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Prerequisite: Permission of instructor.



# CLASSES

Course/Section Description/Credit  
Reference Number Session/Time

## Philosophy

### Seven-Week Session

**PL 110** Introduction to Philosophy and Whitney, SJ  
**10563** Critical Thinking (5) ADM 207  
Daily, 9:10-10:20 a.m.

Key philosophical problems provide the context for developing habits of critical reflection, logical reasoning, and argumentative writing. **Core**

**PL 110** Introduction to Philosophy and Bjelland  
**10572** Critical Thinking (5) ADM 207  
Daily, 10:30-11:40 a.m.

See description above. **Core**

**PL 220** Philosophical Problems: Human Stickers  
**10589** Person (5) ADM 207  
MWF, 1:10-3:05 p.m.

Systematic study of the nature and powers of the human person. Special emphasis on the problems of human knowing, freedom, and responsibility. **Core**

**PL 220** Philosophical Problems: Human Burke  
**10591** Person (5) ADM 222  
Daily, 7:50-9 a.m.

See description above. **Core**

**PL 220** Philosophical Problems: Human Kidder  
**10607** Person (5) ADM 222  
Daily, 9:10-10:20 a.m.

See description above. **Core**

**PL 260** Logic I (5) Deltete  
**10621** Daily, 9:10-10:20 a.m. ADM 224  
Systematic treatment of traditional logic. **Old Core Option**

**PL 306** Philosophy and Psychology (5) Hopkins  
**10639** MWF, 8:20-10:20 a.m. ADM 204

A study of the interrelationship between philosophical and psychological methods and contents, with special focus on the psychoanalytic and phenomenological-existential developments of psychological theory. Also offered under PSY 391E. **Old Core Option**

**PL 345** Ethics (5) Burke  
**10642** Daily, 10:30-11:40 a.m. ADM 204

Systematic study of ethical theory, the character of ethical reasoning, and the levels of ethical discourse, with application of ethical theory to specific problems. **Core Option**

**PL 345** Ethics (5) Deltete  
**10650** Daily, 11:50 a.m.-1 p.m. ADM 204

See description above. **Core Option**

**PL 352** Health Care Ethics (5) Bjelland  
**10668** Daily, 10:30-11:40 a.m. ADM 320

Application of general ethical theory to basic problems encountered in the medical profession; fees, professional secrecy, rights of patients, abortion, transplants, drugs. **Core Option**

**PL 362** Existentialism (5) Stickers  
**10673** MWF, 8:20-10:20 a.m. ADM 324

This course will focus on the theme of "Suffering", in the writings of Soren Kierkegaard, Fredrich Nietzsche, William James, and Max Scheler. Prerequisite: PL 220.

Instructor  
Building/Room

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

## Eight-Week Session

**PL 220** Philosophical Problems: Human Hopkins  
**10615** Person (5) ADM 223  
TTH, 5:30-8 p.m.

Systematic study of the nature and powers of the human person. Special emphasis on the problems of human knowing, freedom, and responsibility. **Core**

**PL 480E** Environmental Philosophy (5) Dombrowski  
**12946** MW, 5:30-8 p.m. ADM 324

An examination of two key debates: anthropocentrism (human-centered view of the world) vs. non-anthropocentrism, and individualism vs. ecological holism. Several specific environmental problems are treated, including animal-rights issues. Prerequisite: PL 220; fulfills requirement for interdisciplinary core course for new core, core option for old core.

## Physics

### Seven-Week Session

**PH 101** Introduction to Astronomy (5) Toutonghi  
**11185** MTTTHF, 10:30-11:40 a.m. BA 201  
Lab: W, 10:30 a.m.-12:30 p.m.

Survey of astronomy starting with a description of visually observed skies and their apparent motions; historical development of attempts to explain the observed motions beginning with Greek synthesis and ending with the "moderns" including Newton; a description of the cataloging of stellar properties starting with determination of distances to stars and ending with their plot on the H-R diagram; our theories of birth, life, and death of stars. The course emphasizes the observational bases of our several models, and includes a two hour weekly laboratory. **Core Option**

**PH 200** Mechanics (5) Staff  
**11192** MTTTHF, 9:10-10:20 a.m. BA 402  
Lab: M, 2:10-5 p.m. Arr

Vector mathematics; kinematics; conservation of momentum and collisions; relative motion and reference frames; force and Newton's laws; work, energy, and power; rotational dynamics; rigid body motion, gravitation. Prerequisite: MT 115, 134.

**PH 201** Electricity and Magnetism (5) Staff  
**11203** MTTTHF, 9:10-10:20 a.m. BA 401  
Lab: TH, 2:10-5 p.m. Arr

Electric charge, forces, field, flux; Gauss's law; electric potential; conductors, dielectrics, capacitance; current and resistance; DC circuits; magnetic forces, fields; inductance. Prerequisite: PH 200, MT 135.

**PH 202** Waves, Optics and Thermodynamics (5) Staff  
**11212** MTTTHF, 7:50-9 a.m. BA 401  
Lab: T, 2:10-5 p.m. Arr

Harmonic motion; mechanical and electromagnetic waves; reflection, refraction, dispersion, interference, diffraction and polarization. Temperature, ideal gases, kinetic theory, second law of thermodynamics. Prerequisite: PH 201, MT 136.

## Political Science

### First Four-Week Term

**PLS 330** Soviet Union (5) Scharf  
**10554** Daily, 9:20-11:30 a.m. ADM 221

Gorbachev and the politics of reform, economic restructuring, social welfare, ethnic conflict, and federalism.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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## Second Four-Week Term

PLS 260 10536	Introduction to Global Politics (5) Daily, 9:20-11:30 a.m.	Anthony ADM 221
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Politics in the global community. Power, nationalism, sovereignty, imperialism, colonialism, hunger, and development. **Core Option (Soc Sci II)**

## Eight-Week Session

PLS 210 10520	Introduction to Local and State Politics (5) TTH, 5:30-8 p.m.	Sperry ADM 324
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Local, state, county, and special district government structures and political processes. Proposals for reform.

PLS 305 10547	The Policy Process (5) MW, 5:30-8 p.m.	R. Young ADM 224
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The interplay of the White House, Congress, administrative agencies, interest groups, and public media in setting priorities and forming public policy. Prerequisite: PLS 205.

## Psychology

### Short Classes

PSY 490 12728	Symposium on Alcoholism: Focus on Seniors (3) June 24-July 5, Daily, 9 a.m.-4 p.m.	Roise P 401
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History, scope, physiological, social, psychological, and family aspects of alcohol problems. Drunk driving. Progression, symptoms, types of alcoholics. Nature of addictive diseases: causality, treatment, and prevention. Special emphasis for the 1991 Symposium: Focus on Seniors. Also offered under ADD 400.

### Seven-Week Session

PSY 315 10775	Abnormal Psychology (5) Daily, 10:30-11:40 a.m.	Halling P 351
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Survey of mental and emotional life; symptoms, nature, and causes of psychological disorders; abnormalities of specific functions; theories of etiology. Prerequisite: PSY 100/120.

PSY 375 13491	Psychology of Death and Dying (5) TTH, 1:10-3:40 a.m.	Young Arr
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Course will concentrate on developing skills in grief counseling. Some areas to be studied are: various cross-cultural means of coping with loss, children's perception of death, reconciliation, and creative renewal. Prerequisite: PSY 100/120.

PSY 391E 13504	Psychology and Art (5) TTH, 5:30-8 p.m.	Young Arr
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Course is centered around clinical applications of artistic methods of expression in a variety of contexts. Various settings for art therapy will be studied, e.g., counseling sessions, hospitals, and hospices. Prerequisite: PSY 100/120.

PSY 391E 10781	Psychology and Philosophy (5) MWF, 8:20-10:20 a.m.	Hopkins ADM 204
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Study of the interrelationships between philosophical methods and content of psychology. Course will emphasize Carl Jung. Also offered under PL 306.

Course/Section Reference Number	Description/Credit Session/Time	Instructor Building/Room
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## Public Administration - Graduate Program

### Short Classes

PUB 585 11087	Management of Change (3) August 9, 6-10 p.m., August 4, 10, 9 a.m.-4 p.m., August 11, 9 a.m.-3 p.m.	D. Mills P 451
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A course on the future: forecasting methods, trends, scenarios. Discussions of change processes (diffusion, revolution, attitude change) and methods of responding.

PUB 591C 12958	Issues in Management (3) July 28, 9 a.m.-3 p.m., July 26, 6-10 p.m., July 27, 9 a.m.-3 p.m.	D. Mills P 451
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Course will focus on new developments in the study of organizational culture, climate, conflict, and change, with particular emphasis on their application to the daily experience of leadership. Designed for graduate students who have at least one course in management.

### Eight-Week Session

PUB 512 11061	The Implementation Process (3) W, 5:30-8:30 p.m.	Liberty ADM 207
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How public policies become public programs. Interplay of executive, legislative, judicial, and executive branches. Inter-governmental and inter-agency relations. Prerequisite: PUB 511. **Core**

PUB 562 11076	Oral Communication for Administrators (3) M, 5:30-8:30 p.m.	Shadow ADM 207
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Oral communication within the contemporary organization. Some theory, but emphasis on performance. Differentiated assignments according to the needs and professional applications of students. **Core**

PUB 592 11109	Computers for Managers (3) MW, 5:30-7 p.m.	Newcomb P 455
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This course will focus on three of the most commonly computerized functions in public and non-profit sectors, e.g. spreadsheets, database management, and project management. The students will apply Lotus 123, Dbase III plus, and MS Project to real-world management problems.

PUB 593 13454	Media Relations (3) T, 5:30-8:30 p.m.	Shadow P 455
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A new course, conducted by an outstanding expert in the field, on dealing with the media, including preparing your message, understanding the media's interests, adapting to broadcast and written media, and establishing positive relations.

PUB 595	Internship (1-3) Arranged	Staff Arr
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PUB 597	Independent Study (1-5) Arranged	Staff Arr
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PUB 598	Independent Study (1-5) Arranged	Staff Arr
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# CLASSES

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

## Sociology

### Seven-Week Session

SC 491E Popular Culture (5) Lawrence  
12992 MWF, 8:20-10:20 a.m. P 451

Investigates contemporary culture from Batman to Spike Lee, from Skinheads to "New Age" through film, music videos, soap operas, and advertisements. Social political and aesthetic theories applied.

SC 492E Cross-Cultural Encounters (5) Lawrence  
13007 MWF, 10:30 a.m.-12:30 p.m. P 451

This course is designed to provide students with conceptual framework to understand a wide variety of cross-cultural encounters. Material is drawn from Europe, the Pacific Rim, and Islamic cultures. The cultural, spiritual and interactional dimensions of these societies will receive most of our attention; we will use concepts of sociology, anthropology and comparative psychology.

### Eight-Week Session

SC 120 Introductory Sociology (5) Johnson  
10280 TTH, 5:30-8 p.m. ADM 208

Survey of the principles of social order and change in both micro-social and macro-social organizations. We'll look at the nature of society its culture and how the individual is socialized into those systems. Inequalities in social class, race, ethnicity, sex, and age will be analyzed. A consideration of population dynamics, urban growth, social change, modernization, and some speculations about the future. Core Option

SC 491E The Personal, Political and Social Leonard  
13288 Impact of the AIDS Epidemic (5) ADM 206  
TTH, 5:30-8 p.m.

Students will examine the impact of the first 10 years of the AIDS epidemic. Topics will include impact on contemporary human relations (intimacy, sexuality, grief, social tolerance), historical perspectives on epidemics and disease control; the politics of AIDS; institutional and economic impact on the health care delivery system; ethical issues; global context.

SC 493E Group Dynamics: The Practical Side (5) Groeschell  
13015 MW, 5:30-8 p.m. ADM 206

We are all part of groups: family, friends, at work, at play. This course addresses how groups operate: What are the leadership and participant roles within groups; the positive and dysfunctional aspects of group interaction? How are effective groups arranged and organized?

## Theology and Religious Studies

### Second Four-Week Term

RS 338 Christian Views of Love, Sex, Chamberlain  
10493 Marriage (5) ADM 321  
Daily, 9:10-11:40 a.m.

Examination of uses and abuses of human sexuality in Western culture in light of Judeo-Christian tradition. Contemporary understandings of sexuality; historical background which shapes attitudes, beliefs, values about sexuality; critical examination of marriage as confluence of sexuality, fidelity, commitment. Examination of several problem areas in sexuality from a Christian perspective. Discussion of opposing views; reflection on students' views, attitudes, values. Prerequisite: Core Phase II. New Core Phase III, Old Core Level 2

34 Seattle University Summer Sessions

Course/Section Description/Credit  
Reference Number Session/Time

Instructor  
Building/Room

RS 491E Foundations in Liturgy (5) Skublics  
13472 MWF, 9-11:30 a.m. P 353

The dynamics, principles and meaning of the liturgical encounter with God through symbolic word, icon, space, and action is investigated, aiming at an informed approach to liturgy. Also offered under ITS 5901C.

### Seven-Week Session

RS 217 Message of Paul (5) Early  
10455 Daily, 10:30-11:40 a.m. ADM 324

Christian experience given in Pauline letters; Paul's experience of Christ; his thoughts in dominant themes or perspectives; influence of the believing community and contemporary culture on his development; relation of his message to all times. New Core Phase II, Old Core Level 1

RS 243 Christians in Action (5) Hart  
10461 Daily, 9:10-10:20 a.m. ADM 223

Moral and spiritual development in general and the Christian tradition in particular within the broader quest for a way of life that brings lasting happiness and satisfaction. The central component is the study of scriptures, focusing on the notion of prophetic call in the Hebrew scriptures and the New Testament message of the Kingdom of God and life in the Spirit. New Core Phase II, Old Core Level 1

RS 293E Religious Experience in Leigh  
12971 Autobiography and Story (5) ADM 223  
Daily, 7:50-9 a.m.

A study of religious experience as expressed in autobiographies by major religious thinkers, such as St. Augustine of Hippo, Dorothy Day, Thomas Merton, Gandhi, C.S. Lewis, and Malcolm X. Also offered under EN 393. New Core Phase II, Old Core Level 1

RS 393E Theology of Story (5) Navone  
12985 Daily, 7:50-9 a.m. ADM 207

The narrative quality of religious experience: the myths and models people live by in the process of human experiencing, with special attention to the quest for communion/communication. Prerequisite: Core Phase II. New Core Phase III, Old Core Level 2

### Eight-Week Session

RS 200 Judaeo-Christian Origins (5) Quitslund  
10449 TTH, 5:30-8 p.m. ADM 320

Historical background and development of Israelite and Jewish religious experience, its contribution to the foundations of the Christian community. New Core Phase II, Old Core Level 1

RS 307 Theology of the Feminine (5) Barta  
10487 MW, 5:30-8 p.m. ADM 320

Investigation of what's been communicated to men and women historically about who and what they are, what their roles are in Church and society; a look at the changing understanding of what it is to be human, generated by a rising consciousness of both women's and men's issues. Prerequisite: Core Phase II. New Core Phase III, Old Core Level 2

RS 397 Independent Study (1-5) Staff  
Arranged Arr

# Seattle University 1991 Summer School • Application for Admission

Check one of the following:

Application for **ADMISSION**: Regular Undergraduate  \$25 Fee      Graduate Program  \$35 Fee  
 Transitional  \$25 Fee      **READMISSION**  No Fee

Full Legal Name-Last	First	Middle	Former Name(s)
Mailing Address			(Area Code) Phone
City		State	Zip

### Social Security Number

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**Biographical Information**

Sex <input type="checkbox"/> Female <input type="checkbox"/> Male	Marital Status <input type="checkbox"/> Single <input type="checkbox"/> Married	Ethnic Origin (Optional) <input type="checkbox"/> American Indian <input type="checkbox"/> Asian American	<input type="checkbox"/> African American <input type="checkbox"/> Hispanic American <input type="checkbox"/> White American	<input type="checkbox"/> Foreign National <input type="checkbox"/> Other	Religious Preference (Optional)
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Birthdate: _____ Birthplace: _____	Citizen of U.S.A. <input type="checkbox"/>	Country of Citizenship if not U.S.A.	Type of VISA	Check Your Status Here: <input type="checkbox"/> Undergraduate/Transfer <input type="checkbox"/> Graduate <input type="checkbox"/> Second Degree <input type="checkbox"/> 5th Year Transitional (non-degree seeking): <input type="checkbox"/> Undergraduate (Courses 100-499) <input type="checkbox"/> Graduate (Courses 500+)
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Are you currently enrolled at Seattle U?  
 Have you been enrolled at Seattle Univ. previously?

Any other name under which you were enrolled?

If you are seeking a degree from Seattle University, what major is desired?

(If no degree is sought, fill out the box to the right.) ➡

**Note:** If you were enrolled at Seattle U for more than 1 semester or taken more than 1 course at other universities, check this box.

**Note:** If this is your first application for admission, check this box.

Are you enrolled elsewhere?  No

List all collegiate institutions, including those where you have completed coursework.

Institution	Degree	Date Received	Major
1)			
2)			
3)			
4)			
5)			

Current Employer - Name of Firm \_\_\_\_\_ Job Title \_\_\_\_\_ Business Phone \_\_\_\_\_

Current Employer - Business Address \_\_\_\_\_ City/State/Zip \_\_\_\_\_ Date Employed \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Return to Office of Admissions, Seattle University, Broadway and Madison, Seattle, Washington 98122-4460**  
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