

1989

## 1989 Bulletin of Information - Summer School

Seattle University

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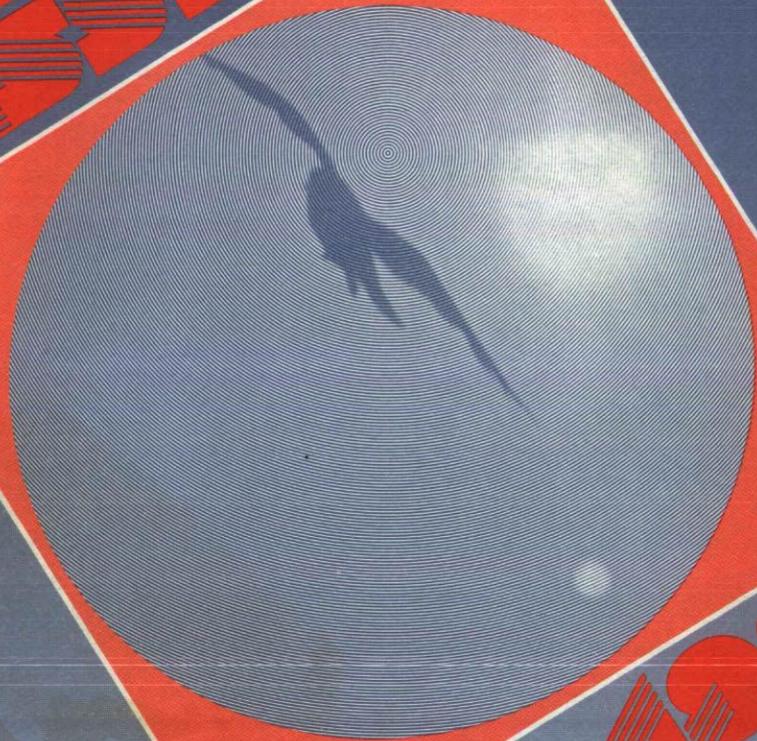
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# SUMMER SESSIONS



# 1989

LET SEATTLE U  
WORK FOR  
YOU THIS  
SUMMER

Seattle University

BULLETIN OF  
INFORMATION

Summer

Sessions

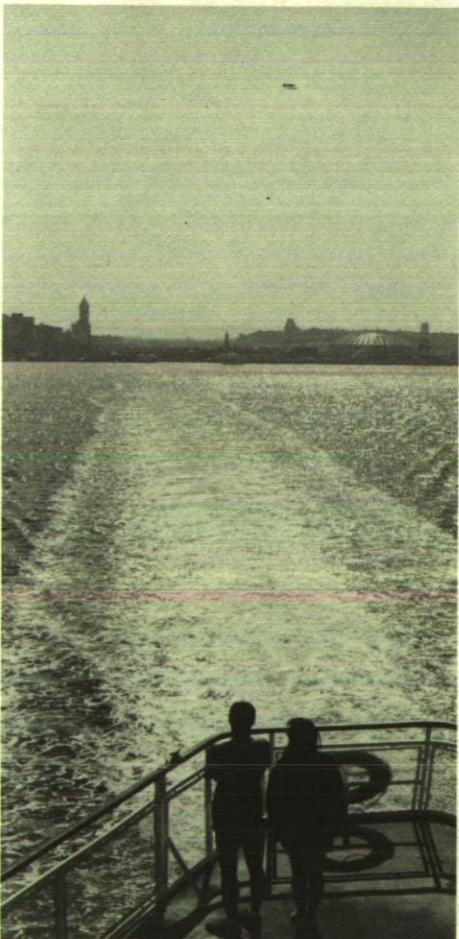
June 19 to

August 11, 1989



# SUMMER 1989

Director of Summer School  
 Joseph B. Monda, Ph.D.  
 Seattle University  
 Seattle, Washington 98122



## Where to Call for Detailed Information

Admissions Office .....	296-5800
Addiction Studies .....	296-5350
Alumni Office .....	296-6100
Arts and Sciences, College of .....	296-5300
Bellarmine Hall .....	296-6280
Business, Albers School of .....	296-5700
Campion Tower .....	296-5600
Campus Ministry .....	296-6075
Continuing Education .....	296-5920
Controller's Office .....	296-5880
Counseling Center .....	296-6090
Education, School of .....	296-5760
Financial Aid Office .....	296-5840
General Studies .....	296-5310
Graduate School .....	296-5900
Housing (Resident Student Services) .....	296-6274
Institute for Theological Studies .....	296-5330
International Student Adviser .....	296-6260
Library, A.A.Lemieux .....	296-6200
Matteo Ricci College II .....	296-5405
Minority Student Services .....	296-6070
Nursing, School of .....	296-5660
Registrar's Office .....	296-5850
Science and Engineering, School of .....	296-5500
Student Life .....	296-6060
Summer School Director .....	296-5410
SUMORE-See Institute for Theological Studies .....	296-5330

## For Information

ADMISSIONS  
 (206) 296-5800

REGISTRAR  
 (206) 296-5850

SCHOOL OF EDUCATION  
 (206) 296-5760

Volume 20, No. 4  
 Summer 1989

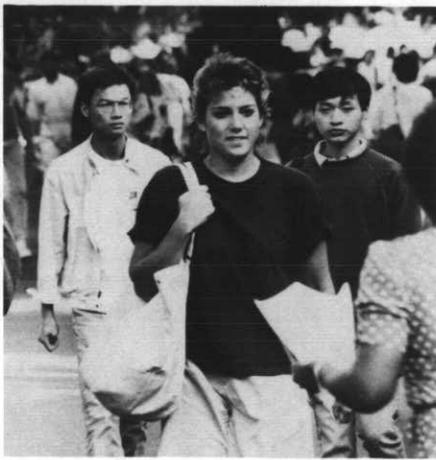
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Information concerning graduate and undergraduate programs may be obtained in supplementary bulletins.



# ACADEMIC CALENDAR

## Summer 1989

7-Week Session .....	June 19-August 4
8-Week Session .....	June 19-August 11
First 4-Week Term .....	June 19-July 14
Second 4-Week Term .....	July 17-August 11



Touch-tone Registration for Summer begins .....	April 30
(For details see page 15.)	
Classes begin for 7-Week and 8-Week Full Sessions and First 4-Week Term .....	June 19
Last Day to Add or Drop for Full Sessions and First Term .....	June 23
Last Day to Drop Courses with 100% refund for short terms .....	1st Day of Class
Touch-tone Registration Closes .....	June 23
Independence Day (no classes) .....	July 4
Last Day to Withdraw, First Term .....	July 10
Close of First Term .....	July 14
In-person Registration for Second 4-Week Term .....	July 17-18
Last Day to Add or Drop for Second Term .....	July 21
Last Day to Withdraw: Second Term and Full Sessions .....	July 28
Final Examinations:	
First Term .....	July 14
Seven-Week Full Session .....	August 3, 4
Eight-Week Full Session and Second Term .....	August 10, 11



## Seattle University

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

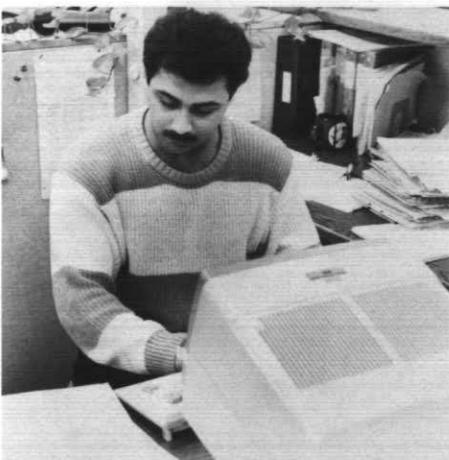
The University is composed of nine major academic units with 44 undergraduate and 12 graduate programs of study: the College of Arts and Sciences, Albers School of Business, School of Education, School of Science and Engineering, School of Nursing, Matteo Ricci College II, Graduate School, Institute 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. It is also a member of the Independent Colleges of Washington.

The University's professional education programs are approved by the State Board of Education. Students completing these programs are eligible for certification as teachers, 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, Theological Studies, Ministry, and Software Engineering. It also includes a Doctoral program in Education.

# O F SPECIAL INTEREST



## Addiction Studies

### Symposium on Alcoholism, with Special Emphasis on the Disease Controversy

**ALC 400; June 19-30, Daily, 9:00 a.m.-4:00 p.m., 3 credits.**

The 40th ANNUAL SYMPOSIUM ON ALCOHOLISM at Seattle University will emphasize THE DISEASE MODEL OF ADDICTION. There will be a number of guest lecturers who will speak to the issues of alcoholism: nature, causes, diagnosis, prevention and recovery; and of co-dependency, ACoA, and other effects on the family.

## Anger and Domestic Violence

**ALC 491B; 8-week, Wednesday, 7:00-9:30 p.m., 2 credits**

An exploration of the connections between abuse of chemicals and abusive behavior toward people. Child abuse, spouse and elderly abuse, legal ramifications, intervention and treatment strategies will be addressed. Prerequisite: ALC 402. Also offered under Education and Psychology.

## AIDS and the Addicted Population

**ALC 491A; June 21 and 28, Wednesdays, 1:00-6:00 p.m. 1 credit**

An advanced course addressing agency policy, ethical and legal questions, and clinical issues associated with HIV and AIDS-affected clients. Course will review most recent research results. Instructor Sandra Counts, M.D., is Medical Director, Saint Cabrini Recovery Program; Certified by the American Medical Society on Alcoholism and Other Drug Dependencies; and serves on the Governor's Task Force on AIDS. The course is presented in seminar form on two long afternoons. Also offered under ED 491A.

## Addictive and Compulsive Behavior

**ALC 491B; July 31-August 3, Daily, 9:00 a.m.-3:00 p.m., 2 credits**

The course will focus on a general theory of compulsive-addictive behaviors, the objects of these addictions, their identifiable patterns, and their self-destructive consequences.

## Eating Disorders

**ALC 491B; 8-week, Thursdays, 4:30-6:50 p.m., 2 credits**

Anorexia nervosa, bulimia, compulsive overeating: diagnosis and assessment, case management, family systems dynamics, issues in treatment, modes of therapy, physiological complications, and the recovery process. In addition to generic eating disorders theory, since eating disorders may complicate treatment of chemically dependent persons, dual-diagnosis issues will also be addressed. The assumption will not be made that course participants are chemical dependency specialists, but appropriate material related to chemical dependency will be presented to provide a framework for the inclusion of dual-diagnosis materials.

## Dual Diagnosis: Addiction and Mental Illness

**ALC 426; 8-week, Mondays, 7:00-9:30 p.m. 2 credits**

While most addictions specialists emphasize that alcoholics and other drug addicts experience life problems because of their addictions rather than the other way around, a percentage of the addicted population will, after adequate detoxification, experience various mental health problems which may be secondary to their addiction, primary, or coprimary with their chemical addiction. This course offers an introduction to the dual diagnosis patient, in whom psychiatric disorders coexist with chemical dependency. Prerequisite: ALC 402.

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# O F SPECIAL INTEREST

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## Modes of Therapy

**ALC 415; 8-week, Tuesday, 4:30-6:50 p.m. 2 credits**

Overview of various therapies commonly used with recovered alcoholics, other drug addicts, and their spouses. Theory, principles and application of techniques. Individual and group practice. Prerequisite: ALC 407.

## Computer Science

### Application Programming with the Macintosh Toolbox

**CSC 391E; 8-week, TTH, 6:00-8:30 p.m., 5 credits**

The objective of this course is to reveal the inner workings of the Macintosh and to provide experience in using the User Interface Toolbox built into the Mac for constructing application programs. Topics include the toolbox event manager routines, use of Quickdraw routines, creating and manipulating windows, creating and using menus, text editing, file processing. Prerequisite: Knowledge of PASCAL (i.e. minimum grade "C" in CSC 170 or equivalent PASCAL experience); plus knowledge of the behavior of the MAC user interface (e.g. using mouse, manipulating windows, using pull-down menus, functions of menu items). If uncertain, consult instructor prior to enrolling with questions about meeting the requirements.



### Scientific/Systems Applications Programming

**CSC 233; 8-week, MW, 6:00-8:30 p.m., 5 credits**

Programming in the C language, with emphasis on the use of structures, functions, pointers and the UNIX C library. Laboratory assignments will be drawn from applications in computer systems programming and the natural sciences. Prerequisite: CSC 152 or permission of instructor.



## Criminal Justice

### Careers In Criminal Justice

**CJ 215; 8-week, TTH, 7:00-9:00 p.m., 5 credits**

An overview of the career choices for women and men in the field of Criminal Justice. Assessment of pertinent social and cultural barriers — especially for career women in this field. Definition and evaluation of legal issues, and examination of career challenges and goals of successful people working in the field.

## Fine Arts

### Introduction to Japanese Performing Arts: Music, Dance, Drama, and Literature

**ART 291C; Second, MWF, 10:30 a.m.-12:30 p.m., 3 credits**

The dance dramas of Noh and Kyogen, and Kabuki, the Bunraku puppet theater, the music of Koto and Shamisen share a vital link with Japanese literature. The class will include lecture/demonstrations of the performing arts and studio work in movements of Noh and Kyogen, Kabuki dance (pantomime and dance fan movements, vocal styles, and poetic literature).

### Painting With A Japanese Brush

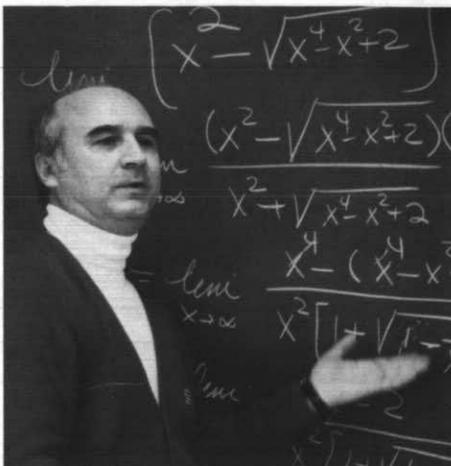
**ART 292B; First, TTH, 1:10-3:25 p.m., 2 credits**

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

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# O F SPECIAL INTEREST

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## Fine Arts

### Video Profiles

**DR 230; First, Daily, 7:50-9:00 a.m., 5 credits**

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 effectiveness of their appearances.

## Education

### Addiction in the Schools

**ED 491B; August 7-10, 12:00-5:00 p.m.**

Addiction problems in young people. Emotional, developmental, and educational problems in young people from alcoholic or other drug-affected families. How educators can become aware of, help, and assist in preventing these problems. Emphasis on middle and high schools. Also offered under ALC 491B.



### Peaceful Procedures Grades K-12

**ED 491C; July 17-21, 8:00 a.m.-3:00 p.m., 3 credits**

Help fight stress and teacher burn-out! This course will emphasize the theory and practice of peaceful organizational methods for grades K-12 that include Long-range Planning, a Values — Placement Unit for the first week of school, Lesson Planning, Evaluations and Testing, Peaceful Classroom Management Systems, Conferencing and Report Cards, End-of-the-Year Activities.

### Advanced Peaceful Procedures Grades K-12

**ED 491C; July 24-28, 8:00 a.m.-3:00 p.m., 3 credits**

This course will emphasize the application and analysis of peaceful organizational methods for grades K-12 that include Long-range Planning, A Values-Placement Unit for the first week of school, Lesson Planning, Evaluations and Testing, Peaceful Classroom Management systems, Conferencing and Report Cards, End-of-the-Year Activities. Prerequisite: The course entitled "Peaceful Procedures" taken prior to the summer of 1989.

## History

### Modern Science and the Decline of Western Civilization

**HS 391E; 7-week, Daily, 10:30-11:40 a.m., 5 credits**

Scientific development in the west during the 19th and 20th centuries through the biographies of Darwin, Freud, Einstein, Marie Curie, and others. The course will explore issues of science and modern thought, social and scientific responsibility etc. Also offered under ISC 391.

### Origins of Contemporary Latin America

**HS 391E; 7-week, Daily, 11:50 a.m.-1:00 p.m., 5 credits**

The transformation of the region from a typically traditional agricultural "third world" society to an explosive modern society. Also offered under RS 493.

### French Revolution: Retrospective, Impact, Image

**HS 391E; 7-week, Daily, 10:30-11:40 a.m., 5 credits**

On the 200th anniversary of the French Revolution, an analysis of its major contributions and its continuing impact in the world today.



# OF SPECIAL INTEREST



## Philosophy

### Philosophy of Religion

**PL 324; 7-week, Daily, 10:30-11:40 a.m., 5 credits**

This course will be divided into three parts: (1) We will study the traditional arguments for the existence of God in St. Anselm, St. Thomas Aquinas, etc.; (2) Then we will consider the standard arguments for atheism or agnosticism in Fenerbach and others; and (3) We will conclude with various 19th and 20th century process thinkers who try to reestablish the case for a rationally defensible belief in God. Throughout the course we treat not only the existence of God but also the attributes of God as they relate to the problem of evil. Text: Hartshorne and Reese, eds., *Philosophers Speak of God*.

## Non-Credit Programs for all ages

For further information on the Continuing Education Program or a catalog of classes, write to: Continuing Education Department, Seattle University, Seattle, WA 98122. Or call (206) 296-5920.

The Office of Continuing Education offers a wide range of courses, seminars, and workshops on a variety of topics. Classes are not offered for academic credit, though they may qualify for Continuing Education Units. For a complete listing of upcoming courses and inclusion on the mailing list for future catalogs, contact the Office of Continuing Education.

### Elderhostel...for persons 60 and over

Seattle University is a participant in this major educational movement. Seven one-week, low-cost residential academic programs will be offered on campus, beginning June 19. REGISTRATION IS THROUGH THE BOSTON OFFICE ONLY. Write to: ELDERHOSTEL, 80 Boylston Street, Suite 400, Boston, MA 02116. Spaces are reserved each week for commuters, but number is limited. Contact the Continuing Education Department for further information.

### Seattle University Adult Literacy Project

If you can read this, you can help. Seattle University's Adult Literacy Project uses volunteer tutors in one-to-one sessions twice a week. Anyone who can read can teach someone else to read, using materials and learning centers located throughout our area. It is possible for "graduates" of this method, The Laubach Way to Reading, to achieve a fifth-grade reading and writing level in a relatively short period of time; but only with the help of volunteers. For further information call Dr. Peter Nickerson at 296-5747.

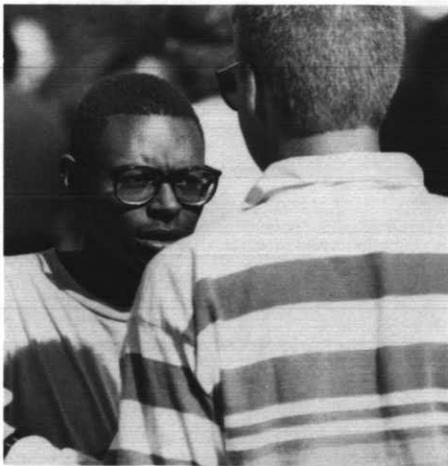
### Seattle University Alumni Audit

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, Seattle, WA 98122, or call 296-6100.

### Elderaudit .. for persons 60 and over

Elders may audit classes for \$35 per class on a space-available basis with permission of instructor. For details contact the Office of Continuing Education.

# ACADEMIC INFORMATION



**Admission**—Those who wish to be 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 Office of Admissions or you may use the form at the back of this Bulletin. Applications, supporting documents, and transcripts must be on file by May 19. International students must submit a complete application by May 1.

**Readmission**—Former undergraduate students not enrolled at the University for the Spring Quarter must apply for readmission if they wish to attend the 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 the student must file for admission to Graduate School. Applications and supporting documents should be on file by May 19.

Graduate students retain registration eligibility for one calendar year. Graduate students who have not attended since Spring Quarter 1988 must be readmitted.

**Registration**—Touch-tone Telephone Registration begins April 30 by class level (see page 15). Any registration or add-drop to be completed after June 23 must be done in person at the Office of the Registrar. 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 Office of Admissions 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**—Restrictions: 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 5th 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 which will not be completed within the summer time frame. 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 session.

For graduate students attending a four-week session, 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.

**Transitional Students**—Admission as a transitional student is granted 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 you have been admitted to a degree program.

By special arrangement, superior high school students may be admitted to specific courses with transitional student status.

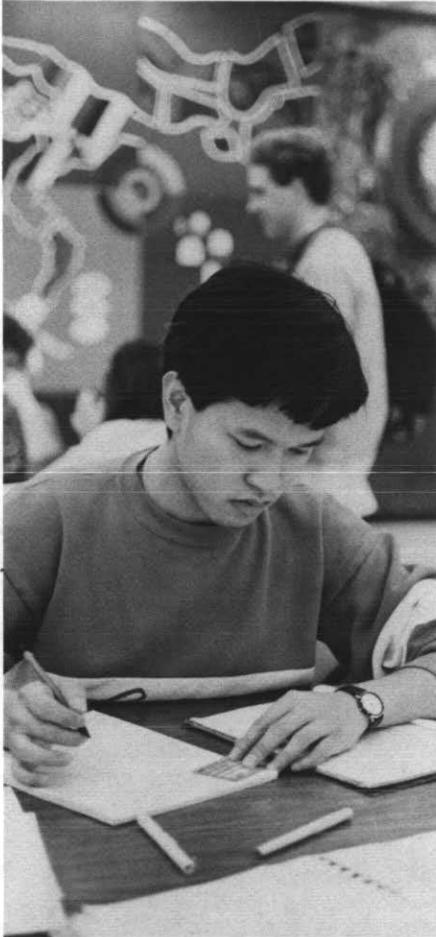
**International Students**—Specific admission requirements and procedures for all international students are listed on the University's international student application form. These criteria differ from those applied to United States citizens. Direct inquiries to the Office of Admissions.

**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 Vice President for Academic Affairs or of the Registrar.

# REGISTRATION SCHEDULE

**Summer 1989**  
**April 30, 1989 — June 23, 1989**



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 Office of the Registrar.

Touch-tone telephone registration hours are 5:00 a.m. to 5:00 p.m., Sunday through Friday, April 30 to June 23, 1989.

Graduate Students .....	Sunday, April 30, 1989
Seniors and 5th Year Students .....	Monday, May 1, 1989
Juniors .....	Tuesday, May 2, 1989
Sophomores .....	Wednesday, May 3, 1989
Freshmen .....	Thursday, May 4, 1989
Transitional and Special Students .....	Friday, May 5, 1989
Add/Drop begins .....	Friday, May 5, 1989
Touch-tone telephone registration continues (including add/drop) until Friday, June 23, 1989	

## Touch-tone Registration Instructions

Seattle University students eligible to register for Summer, 1989 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 23, you must register **IN PERSON** at the Office of the Registrar, Room 104 — University Services Building.

- Step 1. Contact your major department to arrange for an advising appointment. The English and Religious Studies/Theology (undergraduate only) departments place a hold on your ability to register until your academic advising is complete. Advisers in those departments must lift the adviser hold on the Touch-tone Registration system before students may register.
- Step 2. Plan a program of study with your academic adviser.
- Step 3. Complete your Touch-tone Registration Worksheet. Be certain to list alternate course choices.
- Step 4. If you owe the University money, you will be unable to register unless you clear your student account with the Controller's Office. (If you have questions, call 296-5880).
- Step 5. Check the registration appointment schedule on page 15 of the Summer, 1989 Class Schedule. You may tone in your registration on or after the day assigned to your class level. The system will be available each Sunday through Friday, April 30 — June 23, 5:00 a.m. — 5:00 p.m. Note that the last day to register and add or drop on the touch-tone system is June 23.
- Step 6. Call 296-CLAS from any touch-tone phone (Out-of-area access is 206 296-CLAS). The computer will prompt you through the call with spoken instructions.



# REGISTRATION SCHEDULE

Step 7. Enter your password which is your student ID Number (Social Security Number) followed by the [\*] key on your touchtone telephone and the Summer Term indicator [8][9][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] [\*][8][9][3][#]

Step 8. Enter each course selection using the 5-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:

- If you wish to receive a letter grade, touch [0], followed by the [#] key.
- If you are eligible for Pass/Fail, touch [1], followed by the [#] key.
- If you wish to audit, touch [2], followed by the [#] key.

The system will then 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 Office of the Registrar for assistance at 296-5850 between the hours of 8:30 a.m. and 4:30 p.m., Monday-Friday.

Within two weeks after you complete 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 Office of the Registrar.

Step 9. Pay your tuition and fees. See page 12 for details.



## Sample Touch-tone Registration Worksheet

Touchtone, Thomas P. S/E Chem  
 Student Name Last First Middle School Major

[3][3][3][4][7][5][5][5][5][\*][8][9][3][#]  
 Student I.D. Number Year Term

Course Reference Number	Grading Option	Course Number	Course Title	Credits	Time	Days	Room/Bldg.
[7][0][7][2][8][*][0][#]		EN110	Fresh. Engl.	5	11AM M-F		P354
[7][7][3][0][7][*][0][#]		PL110	Intro/Phil	5	10AM M-F		Adm 307
[7][7][5][7][*][0][#]		CH122	Gen. Chem II	4	9AM M-F		Ba 301
[7][7][7][7][*][0][#]		CH132	Gen. Chem Lab 1	1	2:10PM Th		Ba 301
ALTERNATE:							
[7][7][2][7][9][*][0][#]		PL110	Intro/Phil	5	8AM M-F		P352
[ ][ ][ ][ ][ ][*][ ][#]							
DROP:							
[7][0][7][2][8][*][X][#]		EN110					
GRADING OPTION NOT USED FOR DROP							
[ ][ ][ ][ ][ ][*][ ][#]							

**For Academic Adviser Only**  
 This student has been duly advised and I have lifted his/her adviser hold  
Dr. Annie Adviser 2/17/89  
 Signature Date

White Copy — Student Pink Copy — Adviser

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# SPECIAL PROCEDURES

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## Advance Registration — April 30-June 23

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 3 of this schedule.

1. **Independent Study** — Complete an independent study registration form and present it in person to the Office of the Registrar (Room 104 — University Services Building).
2. **Variable Credit Courses (those listed without Course Reference Number)** — Present your Touch-tone Registration Worksheet in person at the Office of the Registrar (Room 104 — University Services Building) 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/college and present your Touch-tone Registration Worksheet in person at the Office of the Registrar (Room 104 — University Services Building) after you have entered credits up to the limit allowed. (See page 8 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 Office of the Registrar (Room 104 — University Services Building).
5. **Course Repeats** — After completing your Touch-tone registration, report in person to the Office of the Registrar (Room 104 — University Services Building) to notify the Registrar of your repeat.
6. **Withdrawal** — To withdraw from a course, complete a withdrawal form and present it in person to the Office of the Registrar (Room 104 — University Services Building). Note the last day to withdraw from each session as listed in the Academic Calendar on page 3 of this schedule.

## Grades

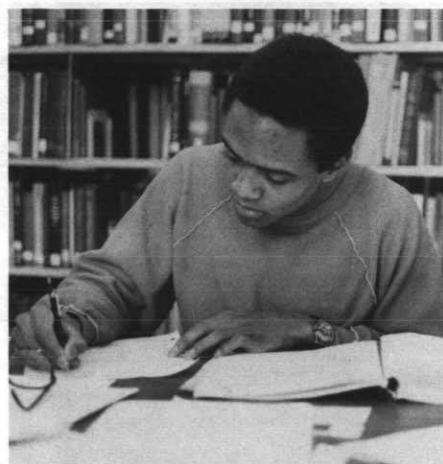
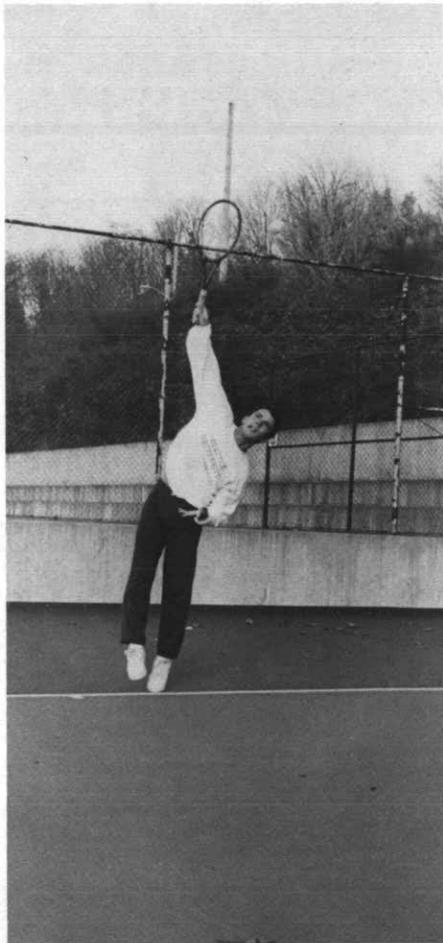
Grade reports and transcripts are issued only once at the conclusion of the entire summer term. Grades will be mailed to all students within two weeks of the end of Summer Quarter.

## Library Hours

Summer library hours for the A.A. Lemieux Library will be from 8:00 a.m. to 10:00 p.m. Monday through Thursday; Friday from 8:00 a.m. to 5:00 p.m.; Saturday from noon to 5:00 p.m.; and Sunday from 1:00 to 10:00 p.m. The reading room on the first floor will be open every day from 7:00 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 a complete selection of general paperback books and reference books. The store 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 the advance registration period from April 30 through June 19 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 for 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 has committed a space in each course for each student. It is the student's responsibility to pay for all fees in full whether the student attends the course(s) or not. Tuition and fee payment for either the Full or First session are due on or before June 19, 1989, the day classes begin for Summer School. 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 quarter or session may result in a hold on the student's transcript and may prevent registration in subsequent quarters.

To avoid lines for payment, 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. 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 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.

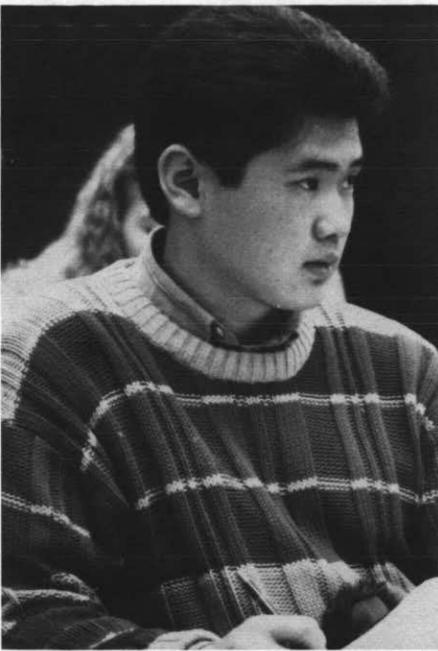
Although Seattle University reserves the right to change its charges at any time without prior notice, after the beginning of a quarter no change will be made effective for that quarter.

<b>Undergraduate courses</b>	
— per credit hour . . . . .	\$179
<b>Undergraduate Education Courses</b>	
— per credit hour . . . . .	130
<b>Masters programs — per credit hour</b>	
Business . . . . .	229
Education . . . . .	130
ITS (Corpus) . . . . .	179
ITSS (SUMORE) . . . . .	132
Psychology . . . . .	194
Public Administration . . . . .	194
Rehabilitation . . . . .	179
Software Engineering . . . . .	229
<b>Educational Specialist Program</b>	
— per credit hour . . . . .	130
<b>Doctoral Program —</b>	
per credit hour . . . . .	216
<b>Certificate Programs —</b>	
per credit hour	
Alcohol/Drug Studies . . . . .	156
Applied Sociology . . . . .	179
Health Information . . . . .	179
Rehabilitation . . . . .	179
<b>Audit (undergraduate courses only)</b>	
— per credit hour . . . . .	\$57.00

<b>Occasional fees (non-refundable)</b>	
Application, undergraduate . . . . .	\$25.00
Application, graduate . . . . .	\$35.00
Application, transitional students . . . . .	\$25.00
Late processing fee . . . . .	\$40.00
Matriculation, undergraduate and graduate . . . . .	\$50.00
Credit by examination . . . . .	\$50.00
Validation of field experience — per credit hour . . . . .	\$50.00
Removal of incomplete — per credit hour . . . . .	\$20.00
Graduation, undergraduate (per degree) . . . . .	\$55.00
Graduation, graduate (per degree) . . . . .	\$55.00
Certificate fee . . . . .	\$35.00
Vocal or instrumental lessons — per credit hour . . . . .	\$179.00

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 1988-89 Seattle University Bulletin of Information.

# FINANCIAL INFORMATION



## Refunds

Refunds are based on the number of class days, defined as consecutive Mondays through Fridays, beginning the first day of class for each session. The refund 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. A refund 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. Financial Aid recipients will, therefore, in all likelihood, not receive refunds.

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



Withdrawal (full or partial)	Full 7-or 8-week Session:
First class day through 5th class day	100%
6th through 7th class day	75%
8th through 12th class day	60%
13th through 15th class day	40%
Thereafter	No refund

Withdrawal, Half Session:	
First class day	100%
2nd through 5th class day	70%
6th through 10th class day	40%
Thereafter	No refund

Withdrawal, shorter sessions:	
First class day	100%
Thereafter	No refund



## Financial Aid

During Summer Quarter, loans and Work-Study employment are available. Students desiring long-term loans must apply for a Stafford Student Loan approximately eight weeks prior to registration to insure the availability of funds when tuition is due on registration day. The Stafford Loan requires an FAF (Financial Aid Form) as well as a separate application. The FAF must be processed by the College Scholarship Service before May 1, 1989.

Students who have remaining Work-Study eligibility for the preceding academic year may continue to utilize that eligibility through June 15, 1989. Students who have Work-Study awards for 1989-90 academic year may be eligible for Work-Study jobs after July 1, 1989. Students may pick up summer work-study authorization forms in the Financial Aid Office.

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, Seattle, WA 98122. Phone:(206) 296-5840.

# Housing



## Residential Living

Bellarmino Hall will be open for single student housing during all summer sessions. The hall will be open on June 18 at 9:00 a.m. and will close on August 12 at 12 noon. Contact the Resident Student Services Office, (206) 296-6274, for more information or application for housing. Admission to Seattle University does not automatically guarantee room reservations. Applications for student housing must be made through the Resident Student Services Office. No deposit is required.



## Food Service

Resident students must purchase a meal plan in order to live on campus. Several meal plans are offered, with most meals served in the Marketplace in Bellarmino Hall. Meals begin with breakfast on June 19, and end with dinner on August 11. The rate reflected in room and board charges is for Plan A (the highest meal plan).

## Private Rooms

Requests for private rooms will be taken, but not guaranteed, until June 16. The cost of a private room is an additional \$168.00 for the 8-week session and is prorated for shorter terms.

## Checkout

Students must check out by 12 noon of the day following their last final exam.

## Room and Board Rates

First Term: June 19-July 14 .....	\$487.00
Second Term: July 17-August 11 .....	\$487.00
Full 7-week Session: June 19-August 4 .....	\$854.00
Full 8-week Session: June 19-August 11 .....	\$974.00

## Parking

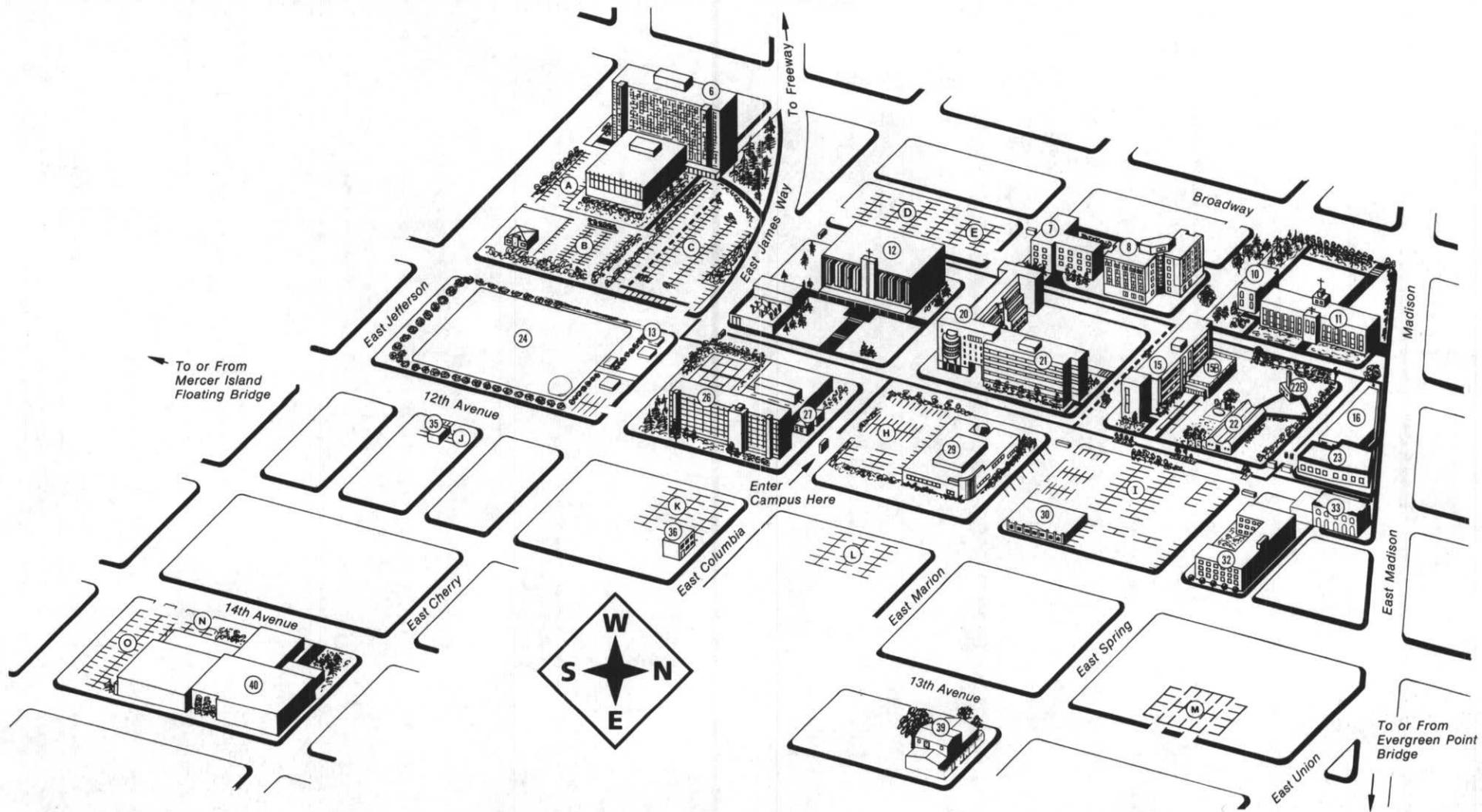
All parking on campus is authorized by the display of a valid Seattle University Parking Permit. Parking permits may be purchased at the Controller's Office in the University Services Building beginning Friday, June 16, between the hours of 8:00 a.m. and 4:30 p.m. The permits are then issued by the Safety and Security Services Office which is located in the same building. 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. All parking areas are restricted, reserved, or otherwise regulated. Campus maps, parking information, and other Security related information is available at Safety and Security Services at (206)296-5990.

## 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.



# SEATTLE UNIVERSITY CAMPUS



## 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
- Accessible path
- Power operated

## 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    | Garrand Building             | 10               | Sculpture Lab                | 22B                           |
| Buhr Hall                 | 22    | International Student Center | 13               | Seaport Building             | 36                            |
| Campion Tower             | 6     | Intramural Field             | 24               | Student Parking              | B, C,  DP, D, K, L, M, N,  DP |
| Campus Services Building  | 30    | Lemieux Library              | 12               | Student Union                | 23                            |
| Casey Building            | 8     | Loyola Hall                  | 7                | Twelfth Ave. Building        | 35                            |
| Child Care Center         | 39    | Lynn Nursing Building        | 33               | University Services Building | 29                            |
| Connolly Center           | 40    | Madison Building             | 16               | Visitor Parking              | H  DP                         |
| Connolly Center Parking   | N  DP | McGoldrick Student Center    | 27               | Xavier Residence Hall        | 32                            |

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
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## Schedule

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

Seven-week classes are scheduled for 70-minute blocks and extend from June 19 to August 4.

Eight-week classes are scheduled for 60-minute blocks and extend from June 19 August 11.

The first 4-week term will extend from June 19 July 14.

The second 4-week term will extend from July 17 August 11.

Dates of short courses listed under course descriptions.

All courses offered after 4 pm are highlighted in the schedule with this color bar.

## Building Code

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

## Addiction Studies

### Short Courses

ALC 400 10014	<b>Symposium on Alcoholism (3)</b> June 19-30, Daily, 9:00 a.m.-4:00 p.m.	Roise P401
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Survey of alcoholism with special emphasis on the disease model and the controversy surrounding that model. Guest lecturers will debate the issue in the larger context of alcoholism: history and scope; physiological, social, psychological, and family aspects of alcohol problems; progression, symptoms, types of alcoholics; nature of addictive diseases; causality, treatment, and prevention. Also offered under ED 491C and PSY 490.

ALC 491A 10141	<b>AIDS and the Addicted Population (1)</b> June 21 and 28, W, 1:00-6:00 p.m.	Counts P 405
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An advanced course addressing agency policy, ethical and legal questions, and clinical issues associated with HIV and AIDS-affected clients. Course will review most recent research results. Instructor Sandra Counts, M.D., is Medical Director, Saint Cabrini Recovery Program; Certified by the American Medical Society on Alcoholism and Other Drug Dependencies and serves on the Governor's Task Force on AIDS. Also offered under ED 491A.

ALC 491B 10153	<b>Addictive and Compulsive Behavior (2)</b> July 31-August 3, Daily, 9:00 a.m.-3:00 p.m.	Sullivan P 401
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The course will focus on a general theory of compulsive-addictive behaviors, the objects of these addictions, their identifiable patterns, and their self-destructive consequences.

ALC 491B 12601	<b>Addiction in the Schools (2)</b> August 7-10, 12:00-5:00 p.m.	Deiro P 354
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Addiction problems in young people. Emotional, developmental, and educational problems in young people from alcoholic or other drug-affected families. How educators can become aware of, help, and assist in preventing these problems. Emphasis on middle and high schools. Also offered under ED 491B.

## Eight-Week Courses

ALC 401 10023	<b>Pharmacology &amp; Physiology of Alcohol Use (2)</b> 8-week, Tuesday, 7:00-9:30 p.m.	Scratchley P401
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Ingestion, absorption, metabolism. Behavioral effects of different blood levels. Damage to brain, liver, other organs. Prerequisite: ALC 400

ALC 402 10037	<b>Counseling Principles and Techniques (4)</b> 8-week, TTH, 7:00-9:30 p.m.	Morris P451
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Patient/counselor relationship. Legal and ethical responsibilities. Directive vs. nondirective. Role-playing & videotaping. Prerequisite: ALC 400.

ALC 407 10046	<b>Field Experience 1 (3)</b> 8-week, Arranged.	Morris Arr
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Supervised work in an agency, clinic, rehabilitation center or referral center. Oral and written reports. Prerequisite: ALC 400, 402.

ALC 408 10058	<b>Field Experience 2 (3)</b> 8-week arranged	Morris Arr
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Supervised work in agency, clinic, rehabilitation center or referral center. Oral and written reports. Prerequisite: ALC 400, 402, 407.

ALC 412 10060	<b>Group Dynamics for Addiction Counselors (2)</b> 8-week, Monday, 7:00-9:30 p.m.	Dickman P401
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Role playing as a means to development of self-awareness; dynamics of group interaction. Applications to addiction treatment. Prerequisite: ALC 400; ALC 402 or permission of instructor.

ALC 414 10071	<b>Case Management and Assessment (2)</b> 8-week, Wednesday, 7:00-9:30 p.m.	Thompson P401
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Procedures and skills used in alcoholism and other drug addiction referral and treatment agencies. Intake interview, client evaluation, case-writing, presentence report, record-keeping and confidentiality. Prerequisite: ALC 400, ALC 402.

ALC 415 10085	<b>Modes of Therapy in Treatment (2)</b> 8-week, Monday, 4:30-6:50 p.m.	Madsen-Sundquist P401
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Overview of various therapies commonly used with recovered alcoholics, other drug addicts, and their spouses. Theory, principles and application of techniques. Individual and group practice. Prerequisite: ALC 407.

ALC 418 10092	<b>Addiction and the Family (2)</b> 8-week, Tuesday, 4:30-6:50 p.m.	Staff P 401
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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: ALC 400.

ALC 424 10106	<b>Drug Abuse I: Social Aspects (2)</b> 8-week, Wednesday, 4:30-6:50 p.m.	Morris P 401
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History, scope, classification of drugs. Legal aspects. Patterns of use, abuse, and addiction. Treatment, recovery and rehabilitation methods and strategies. Prerequisite: ALC 400.

ALC 425 10119	<b>Drug Abuse 2: Physiological Aspects (2)</b> 8-week, Thursday, 7:00-9:30 p.m.	Scratchley P 401
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Pharmacology and physiology of drug action. Prescription and non-prescription drugs. Interactions among drugs, polydrug abuse. Actions of drugs on the central nervous system. Recovery from addiction. Prerequisite: ALC 401.

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
ALC 426 10122	<b>Addiction and Mental Illness (2)</b> 8-week, Monday, 7:00-9:30 p.m.	Morris P 405	BUS 330 10243	<b>Cost Accounting (5)</b> 8-week, TTH, 11:50 a.m.-2:40 p.m.	Ziebell P 351
Dual diagnosis: when psychiatric disorders coexist with addiction. Psychiatric terminology, clinical symptoms of mental illness; use DSM-III-R in differential diagnosis; treatment and referral. Prerequisite: ALC 402.			Determination of manufacturing costs in job order, process and standard cost systems; introduction to methods of cost control. Prerequisite: BUS 231 and Junior standing.		
ALC 491B 11643	<b>Anger and Domestic Violence (2)</b> 8-week, Tuesday, 7:00-9:30 p.m.	Cahn P 405	BUS 333 10251	<b>Intermediate Accounting II (5)</b> 8-week, MW, 11:50 a.m.-2:40 p.m.	Parks P 351
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 settings.			Theory and development of accounting principles; evolution of the theory as it relates to the current state of accounting for liabilities and owners' equities. Prerequisite: BUS 332 and Junior standing.		
ALC 491B 10164	<b>Eating Disorders (2)</b> 8-week, Thursday, 4:30-6:50 p.m.	Roise P 405	BUS 334 10265	<b>Intermediate Accounting III (5)</b> 8-week, MW, 5:35-7:55 p.m.	Staff P 351
Anorexia nervosa, bulimia, compulsive overeating: Diagnosis and assessment, case management, family system dynamics, issues in treatment, modes of therapy, physiological complications, recovery process. Also offered under ED 491B.			Study of advanced topics in accounting theory and practice with emphasis on financial reporting. Prerequisite: BUS 333 and Junior standing.		
<b>Allied Health</b>					
AH 473 10170	<b>Clinical Orientation to Ultrasound (10)</b> Arranged.	Mentors NOC	BUS 340 10278	<b>Business Finance (5)</b> 8-week, TTH, 7:50-10:20 a.m.	Carrithers P 351 Bus Core
Clinical Ultrasound internship.			Study of the financial policies and practices of business firms, asset management; capital budgeting; cost of capital; management of funds; financing growth. Prerequisite: EC 271, BUS 231, Junior standing.		
AH 474 10188	<b>Clinical Experience in Ultrasound (8)</b> Arranged.	Mentors NOC	BUS 350 10280	<b>Introduction to Marketing (5)</b> 8-week, TTH, 10:30 a.m.-1:00 p.m.	Staff P 304 Bus Core
Clinical Ultrasound internship.			Survey of institutions and essential functions of the marketing system; analysis of marketing mix, product, place, price strategies. Prerequisite: Junior standing.		
AH 483 10197	<b>Ultrasound Seminar (2)</b> 8-week. Arranged.	Skelly Arr	BUS 360 10299	<b>Production and Operations Management (5)</b> 8-week, MW, 5:35-7:55 p.m.	Staff P 304 Bus Core
Clinical Ultrasound internship.			Survey of the system analysis design and operating techniques for manufacturing and service organizations. Prerequisite: BUS 260, CSC 103.		
AH 484 10202	<b>Basic Science of Ultrasound (2)</b> Arranged.	Skelly NOC	BUS 380 10300	<b>Organization Behavior (5)</b> First, Daily, 1:00-4:10 p.m.	Callahan P 304 Bus Core
Clinical Ultrasound internship.			Develop understanding of organizational behavior with focus on basic processes, methods involved in diagnosing human situations. Prerequisite: Junior standing.		
<b>Business</b>					
BUS 230 10217	<b>Principles of Accounting I (Financial) (5)</b> 8-week, MW, 7:50 a.m.-10:20 p.m.	Parks P 351 Bus Core	BUS 482 10311	<b>Business Policy and Organization (5)</b> 8-week, TTH, 5:35-7:55 p.m.	Stephenson P 304 Bus Core
Introduction to financial accounting concepts with emphasis on the development and interpretation of financial statements. Prerequisite: Sophomore standing.			Case studies of policy and administration of business; original work in analysis and policy decisions. Prerequisite: all business core courses and Senior standing.		
BUS 260 10226	<b>Business Statistics (5)</b> 8-week, TTh, 5:35-7:55 p.m.	Staff P 351 Bus Core	BUS 496	<b>Independent Study (1-5)</b> Arranged.	Staff Arr
Descriptive statistics, summary statistics, statistical sampling, probability, probability distributions, interval estimation, hypothesis testing, chi-square analysis, analysis of variance, correlation and simple regression analysis. Prerequisite: MT 130 and Sophomore standing.			Independent study under the supervision of a faculty member. Prerequisite: Permission of Instructor and Dean.		
BUS 310 10234	<b>Computer-based Management Information Systems (5)</b> Second, Daily, 1:00-4:10 p.m.	Ansari P 304 Bus Core	BUS 498	<b>Internship (1-5)</b> Arranged	Konarski Arr
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.			Gives students significant experience directly related to their professional goals. Students get opportunity to explore career interests in a real-world setting.		

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
<b>Business Graduate Courses</b>					
<b>BMBA 502</b> 10325	<b>Legal Environment (3)</b> 8-week, TTH, 7:15-8:45 p.m.	<b>Arnesen</b> P 302	<b>BMBA 550</b> 10487	<b>Domestic and International Marketing (3)</b> 8-week, MW, 5:35-7:00 p.m.	<b>Burke</b> 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.			Managerial approach to the study of various policy areas in marketing through the use of case studies. Prerequisite: BMBA 505.		
<b>BMBA 503</b> 10333	<b>Financial Accounting (3)</b> 8-week, TTH, 5:35-7:00 p.m.	<b>Ziebell</b> P 302	<b>BMBA 560</b> 10505	<b>Management Information Systems (3)</b> Second, TTH, 5:35-7:00 p.m., and Saturdays, 9:30 a.m.-12:00 p.m.	<b>Ansari</b> P 353
Concepts and principles underlying accounting with special attention to income determination and measurement of assets and equities. Analysis of business performance from accounting viewpoint.			Planning, designing, implementing, and evaluating commercial systems. Use of programming concepts for data base management. Development of computer-based management information systems and associated problems. Prerequisite: computer proficiency.		
<b>BMBA 505</b> 10344	<b>Marketing Processes (3)</b> 8-week, MW, 7:15-8:45 p.m.	<b>Murray</b> P 302	<b>BMBA 562</b> 10536	<b>Advanced Topics: Just-in-Time and Quality Control Manufacturing (3)</b> First, MW, 5:35-7:00 p.m. and Saturdays, 9:30 a.m.-12:00 p.m.	<b>Modarress</b> P 353
Introduction to marketing and its functions. Examination of contemporary problems and issues in marketing of goods and services.			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: BMBA 506, 510.		
<b>BMBA 508</b> 10357	<b>Organization Behavior (3)</b> 8-week, MW, 5:35-7:00 p.m.	<b>Callahan</b> P 302	<b>BMBA 566</b> 10563	<b>Forecasting Business Conditions (3)</b> 8-week, TTH, 5:35-7:00 p.m.	<b>Rivers</b> P 305
Administration process with emphasis on organizational behavior. Basic contributions of social science to the study and practice of management. Analysis of socio-psychological theory and research, decision making, group structure, dynamics and leadership.			Focus is on techniques of forecasting appropriate at the firm and industry levels. Judgmental projections and model building are emphasized. Prerequisite: BMBA 507, 510.		
<b>BMBA 510</b> 10379	<b>Management Science (3)</b> 8-week, TTH, 5:35-7:00 p.m.	<b>Toh</b> P 306	<b>BMBA 570</b> 10572	<b>Managerial Economics (3)</b> 8-week, TTH, 7:15-8:45 p.m.	<b>Rivers</b> P 354
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: BMBA 501, 506.			Theory of the consumer, the firm, and the industry, with emphasis on applications to business decision-making. Prerequisite: BMBA 507.		
<b>BMBA 520</b> 10382	<b>Business Responsibilities/Ethics (3)</b> 8-week, TTH, 7:15-8:45 p.m.	<b>Staff</b> P 306	<b>BMBA 577</b> 10589	<b>Industrial Organization (3)</b> 8-week TTH, 5:35-7:00 p.m.	<b>Nickerson</b> P 354
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.			Covers market structure of U.S. business and the effects different market structures have on pricing, marketing innovation, and profit seeking. Prerequisite: BMBA 570.		
<b>BMBA 530</b> 10404	<b>Managerial Accounting (3)</b> 8-week, MW, 7:15-8:45 p.m.	<b>Tinius</b> P 306	<b>BMBA 580</b> 10607	<b>Organization Structure and Theory (3)</b> 8-week, MW, 5:35-7:00 p.m.	<b>Fleenor</b> P 305
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: BMBA 503.			Conceptual understanding of organization structure and functioning. Examination of various forces operating in an organization. Studies from various disciplines to understand the organizational functional and dysfunctional aspects. Prerequisite: BMBA 508.		
<b>BMBA 540</b> 10428	<b>Managerial Finance (3)</b> 8-week, M, 7:15-10:00 p.m.	<b>Dibee</b> P 305	<b>BMBA 585</b> 10615	<b>Management of Change (3)</b> July 7, 14, 21, F, 5:30-9:30 p.m. July 8, 15, S, 9:00 a.m.-1:00 p.m. July 22, S, 9:00 a.m.-2:00 p.m.	<b>D. Mills</b> P 352
Cases in business finance that develop students' skills for identifying problems, acquiring relevant material and using appropriate financial theory for making decisions in simulated business settings. Prerequisite: BMBA 504.			A course on the future: forecasting methods, trends, scenarios. Discussions of change processes (diffusion, revolution, attitude change) and methods of responding. Also offered under PUB 585.		
<b>BMBA 542</b> 10455	<b>Investments (3)</b> 8-week, T, 7:15-10:00 p.m.	<b>Dibee</b> P 305	<b>BMBA 586</b> 10621	<b>Entrepreneurship and Business (3)</b> 8-week, W, 7:15-10:00 p.m.	<b>Stephenson</b> P 305
Principles and practices of investments, security analysis and valuation, portfolio management, and other elements of the investment process. Prerequisite: BMBA 540.			Procedures and problems in starting and operating a successful small business enterprise. Prerequisite: all Business Core.		
<b>BMBA 547</b> 12749	<b>Financial Statement Analysis</b> First, TTH, 7:15-10:00 p.m.	<b>Price</b> P 353			

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
<b>BMBA 591C 10639</b>	<b>Consumer Behavior (3)</b> 8-week, MW, 5:35-7:00 p.m.	<b>Murray P 354</b>
Application of behavioral science to explore consumer decision-making processes. Characteristics of goods, shopper behavior, opinion leadership, market segmentation. Prerequisite: BMBA 550.		
<b>BMBA 591C 10642</b>	<b>Government and Business (3)</b> 8-week, MW, 7:15-8:45 p.m.	<b>Sawyer P 354</b>
Development of public policy in the U.S. Government regulation of industry and commerce and its application to mergers, business concentration, and restrictive business practices. Prerequisite: BMBA 507, 570.		
<b>BMBA 595 10668</b>	<b>Business Policy (3)</b> 8-week, M, 7:15-10:00 p.m.	<b>Fleener P 456</b>
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.		
<b>BMBA 596</b>	<b>Independent Study (1-3)</b> Arranged.	<b>Staff Arr</b>
Prerequisite: Permission of Instructor and Dean.		
<b>BMBA 598</b>	<b>Internship (1-3)</b> Arranged.	<b>Konarski Arr</b>
Gives students opportunities to explore their career interests in business settings. Prerequisite: Permission.		
<b>BMBA 599 10673</b>	<b>MBA Research Paper (3)</b> Arranged.	<b>Staff Arr</b>
Final requirement for those MBA students choosing the MBA Research Paper option.		

## Chemistry

<b>CH 335 10703</b>	<b>Organic Chemistry 1 (3)</b> June 19-July 6, Daily, 9:20-11:30 a.m. and W, 1:10-2:10 p.m.	<b>Raymond BA 501</b>
Beginning organic chemistry for science and chemistry majors and premed students. Prerequisite: CH 123 and 133.		
<b>CH 336 10730</b>	<b>Organic Chemistry 2 (3)</b> July 7-25, Daily 9:20-11:30 a.m. and W, 1:10-2:10 p.m.	<b>Raymond BA 501</b>
Continuation of CH 335. Prerequisite: CH 335.		
<b>CH 337 10767</b>	<b>Organic Chemistry 3 (3)</b> July 26-August 11, Daily 9:20-11:30 a.m. and W, 1:10-2:10 p.m.	<b>Raymond BA 501</b>
Continuation of CH 336. Prerequisite: CH 336.		
<b>CH 345 10794</b>	<b>Organic Chemistry Lab 1 (2)</b> Session A, TTH, 1:10-5:10 p.m.	<b>Raymond BA 501</b>
Laboratory for CH 335. Corequisite: CH 335.		
<b>CH 346 10827</b>	<b>Organic Chemistry Lab 2 (2)</b> Session B, TTH, 1:10-5:10 p.m.	<b>Raymond BA 501</b>
Laboratory for 336. Corequisite CH 336.		

## Communication

Course/Section	Description/Credit Session/Time	Instructor Building/Room
<b>COM 230 10852</b>	<b>Public Speaking (5)</b> 8-week, MWF, 8:00-9:45 a.m.	<b>Wildeson ADM 320</b>
Theory and practice of constructing, presenting, and analyzing speeches. Performance-oriented course.		
<b>JMC 293E 10908</b>	<b>Intro to Media Writing (5)</b> 8-week, MWF, 10:30 a.m.-12:10 p.m.	<b>Nil MAD 111</b>
An introduction for both majors and non-majors to journalistic writing for the mass media. News, short features, and personal experience articles. Acceptable as substitute for JMC 210.		
<b>JMC 360 10913</b>	<b>Communication Rights and Law (5)</b> 8-week, TTH, 5:30-8:00 p.m.	<b>Atkins ADM 320</b>
Examination of freedom-of-expression law, with special emphasis on libel, copyright, privacy, and other legal problems facing writers and communicators. Junior or Senior standing.		
<b>JMC 393E 10959</b>	<b>Sex, Media and the Law (5)</b> 8-week, TTH, 10:30 a.m.-1:00 p.m.	<b>Atkins ADM 326</b>
Examination of how we as a society publicly talk about sexuality and gender roles through the mass media, with emphasis on: (1) the rhetoric of sexuality as a moral issue; (2) pornography as discourse; (3) gender representations in the media; and (4) the AIDS epidemic as sexual discourse in the media.		
<b>JMC 493C 11032</b>	<b>Creating A Book (3)</b> 7-week, MWF, 9:10-10:20 a.m.	<b>Easter MAD 111</b>
Specific training in all major aspects of creating a book: acquisitions; concept and proposal; promotion and marketing. Students work with actual book manuscript to learn. Knowledge acquired will be applicable to wide range of publications such as brochures, catalogues, newsletters and reports.		
<b>JMC 498</b>	<b>Independent Study/ Internship (1-5)</b> Arranged	<b>Staff Arr</b>
Senior Journalism/Mass Communication students only. Permission of instructor.		

## Computer Science

<b>CSC 103 11087</b>	<b>Introduction to Computers and Applications (5)</b> 8-week, Daily, 10:30-11:30 a.m.	<b>Wilson ENGR 305</b>
An introduction to the use of microcomputers in typical applications such as word-processing. No prior experience with computers is required. Includes an overview of computer concepts and extensive hands-on experience.		
<b>CSC 103 11114</b>	<b>Introduction to Computers and Applications (5)</b> 8-week, MW, 6:00-8:30 p.m.	<b>Wilson ENGR 305</b>
See description above.		
<b>CSC 230 11146</b>	<b>FORTAN for Engineers (3)</b> 8-week, MTTH, 10:30-11:30 a.m.	<b>Gehlen ENGR 311</b>
FORTAN programming, including flowcharting, debugging, input/output, loops, arrays, and subprograms. Introduction to numerical techniques. Programming assignments primarily from fields of engineering. Prerequisite: ME 230 (EML 230), MT 232 and 233.		

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
CSC 233 11160	Scientific/Systems Applications Programming (5) 8-week, MW, 6:00-8:30 p.m.	Vanmane ENGR 311
Programming in the C language, with emphasis on the use of structures, functions, pointers, and the UNIX C library. Laboratory assignments will be drawn from applications in computer systems programming and the natural sciences. Prerequisite: CSC 152 or permission of instructor.		
CSC 310 11171	Data Structures and Analysis of Algorithms (5) 8-week, TTH, 6:00-8:30 p.m.	Vanmane ENGR 311
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 or permission of instructor.		

CSC 391E 11203	Application Programming with the Macintosh Toolbox (5) 8-week, TTH, 6:00-8:30 p.m.	Yunten ENGR 305
The inner workings of the Macintosh; experience in using the User Interface Toolbox built into the Mac for constructing application programs. Topics include the toolbox event manager routines, use of Quickdraw routines, creating and manipulating windows, creating and using menus, text editing, file processing. Prerequisite: Knowledge of PASCAL (i.e. minimum grade of "C" in CSC 170 or equivalent PASCAL experience); knowledge of the behavior of the MAC user interface (e.g. using mouse, manipulating windows, using pulldown menus, functions of menu items). If uncertain about meeting the requirements, consult the instructor beforehand.		

## Criminal Justice Program

CJ 215 11212	Careers in Criminal Justice (5) 8-week, TTH, 7:00-9:00 p.m.	Paradis ADM 205
An overview of the career choices for women and men in the field of Criminal Justice. Assessment of pertinent social and cultural barriers —especially for career women in this field. Definition and evaluation of legal issues, and examination of career challenges and goals of successful people working in the field.		
CJ 458 11230	Field Experience I (5) Arranged.	Kastama 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 of chair.		
CJ 459 11256	Field Experience II (5) Arranged.	Kastama Arr
See description above.		
CJ 497	Independent Study (1-5) Arranged.	Kelliher Arr
Research project using the principles of social science methodology. Prerequisite: permission of Chair.		

## Economics

EC 271 11275	Principles of Economics — Macro (5) 8-week, TTH, 11:50 a.m.-2:20 p.m.	Nickerson P 302 Core Option Bus Core
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.		
EC 496	Independent Study (1-5) Arranged	Staff Arr

## Education

### One-Week Courses (meet daily)

ED 491A 12368	AIDS and the Addicted Population (1) June 21 and 28, W, 1:00-6:00 p.m.	Counts P 405
An advanced course addressing agency policy, ethical and legal questions, and clinical issues associated with HIV and AIDS affected clients. Course will review most recent research results. Instructor Sandra Counts, M.D., is Medical Director, Saint Cabrini Recovery Program; Certified by the American Medical Society on Alcoholism and Other Drug Dependencies, and serves on the Governor's Task Force on AIDS. Also offered under ALC 491A.		
ED 491B 12616	Addiction in the Schools (2) August 7-10, 12:00-5:00 p.m.	Deiro P 354
Addiction problems in young people. Emotional, developmental, and educational problems in young people from alcoholic or other drug-affected families. How educators can become aware of, help, and assist in preventing these problems. Emphasis on middle and high schools. Also offered under ALC 491B.		
ED 491C 11724	Instructional Theory into Practice (ITIP) (3) June 12-16, 8:00 a.m.-3:00 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 \$150.)		
ED 491C 12683	Instructional Theory into Practice (3) August 14-18, 8:00 a.m. 3:00 p.m.	Jacobs P Aud
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 \$150.)		
ED 491C 11731	Peaceful Procedures Grades K-12 (3) July 17-21, 8:00 a.m.-3:00 p.m.	Fellers P 551
Help fight stress and teacher burnout! This course will emphasize the theory and practice of peaceful organizational methods. (Reduced tuition \$150.)		
ED 491C 11759	Advanced Peaceful Procedures Grades K-12 (3) July 24-28, 8:00 a.m.-3:00 p.m.	Fellers P 551
This course will emphasize the application and analysis of peaceful organizational methods. (Reduced tuition \$150.)		
ED 491B 11777	Introduction to Religious Education (2) August 7-11, 9:10 a.m.-1:00 p.m.	Morey P 551
An examination of critical, philosophical, and theological positions and their relationship to development pedagogy. (Reduced Tuition: \$100.)		
ED 491B 11786	Motivating At-Risk Learners (2) June 19-23, 1:10-5:10 p.m.	Boers P 454
Will examine specific methods/strategies geared to motivating the reluctant learner. Will stress need-fulfillment techniques and offer a philosophy for teaching that will reduce class disruption and increase student achievement.		
ED 491B 11819	A Program for At-Risk Learners: Reading, Writing, Self-Concept (2) June 26-30, 9:10 a.m.-1:00 p.m.	Boers P 551
Will describe and explain a program created and implemented by the instructor that has been proven to be effective in the teaching of at-risk students.		

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
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## Two-Week Courses (meet daily)

ED 450 11822	<b>Introduction to Gifted Education (3)</b> June 19-30, 1:10-3:40 p.m.	Bronson/Langdon P 306
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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 11835	<b>Gifted Education: Mathematics (3)</b> Olson June 19-30, 7:50-10:20 a.m. P 353	
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Current research exploring the relationship of brain development to the types of giftedness will be studied. Implications of this research and its application to mathematics lessons for gifted students will be identified and explained.

ED 491C 12710	<b>Symposium on Alcoholism (3)</b> June 19-30, Daily 9:00 a.m.-4:00 p.m.	Roise P401
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Survey of alcoholism with special emphasis on the disease model and the controversy surrounding that model. Guest lecturers will debate the issue in the larger context of alcoholism: history and scope; physiological, social, psychological, and family aspects of alcohol problems; progression, symptoms, types of alcoholics; nature of addictive diseases; causality, treatment, and prevention. Also offered under ALC 400 and PSY 490.

ED 491C 11853	<b>Teaching Science in the Elementary Schools (3)</b> July 3-14, 1:10-4:00 p.m.	Wild P 352
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Utilizing an inquiry-oriented method of teaching, this course will emphasize the development of basic concepts of biology, physics, and astronomy. (Reduced tuition \$150.)

ED 491C 11870	<b>Curriculum Design for Gifted (3)</b> Simms July 31-August 11, 1:10-3:40 p.m. P 454	
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How to develop and teach lessons incorporating a variety of curriculum and learning models appropriate for bright students. Included will be classroom observations.

EDCI 531 11888	<b>Creativity and Productive Thinking (3)</b> July 3-14, 1:10-4:00 p.m.	Bronson/Langdon P 454
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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.

## First Four-Week Term: June 19-July 14

ED 422 11920	<b>Working With Parents and Professionals (3)</b> First, Daily, 10:30-11:40 a.m.	Donald P 306
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Rationale, techniques, and strategies for work with parents, school district professionals, and others involved in the child's education.

ED 424 11936	<b>Introduction to Learning Disabilities (3)</b> First, Daily 7:50-9:00 a.m.	Denoon P 306
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History and current practices in diagnosis and remediation of students who are learning-disabled and mildly handicapped.

ED 460 11954	<b>Computers and Instructional Technology in the Classroom (3)</b> First, Daily, 11:50 a.m.-1:00 p.m.	Mrosia P 306
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An examination of the uses of computers and forms of media in the classroom.

ED 491C 11972	<b>Special Education Administration (3)</b> First, MWF, 1:10-3:50 p.m.	Harless P 353
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Focuses on the aspects of special-education classrooms and programs that differ from regular education. Provides a knowledge-base of difference along with practical approaches for development, maintenance, and evaluation of special education programs within the school.

ED 500 11991	<b>Introduction to Research (3)</b> First, Daily, 11:50 a.m.-1:00 p.m.	Zarter P 454
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Introduction to research skills and literature in students' fields. Includes an orientation to graduate studies. Ordinarily taken as first graduate course.

ED 501 12013	<b>Philosophy of Education (3)</b> First, Daily, 9:10-10:20 a.m.	Zarter P 454
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Philosophical foundations of education and related fields.

ED 515 12031	<b>Multicultures (3)</b> First, Daily, 10:30-11:40 a.m.	Pang P 351
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Examination of a wide variety of cultures with implications for helping professions.

ED 522 12045	<b>Child Psychology/Learning (3)</b> First, Daily, 10:30-11:40 a.m.	Guest P 353
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Investigation of various theories of child development and learning.

ED 523 12059	<b>Adolescent Psychology / Learning (3)</b> First, MW, alt.F, 11:50 a.m.-2:20 p.m.	Grieneeks P 451
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Investigation studies in adolescent psychology and learning.

ED 591C 12090	<b>Women as Transformational Leaders (3)</b> First, TTH, 1:10-4:30 p.m.	Forbes P 353
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Will survey a series of topics and issues related to "women's ways of leading." Feminist ethics, women's psychology, women and power, and balancing personal and professional lives are some of the topics to be discussed. Equal emphasis placed on personal experience, research, and theory as students explore a new model of leadership.

EDAD 576 12118	<b>School Business Administration (3)</b> Johnson First, Daily, 7:50-9:00 a.m. P 551	
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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.

EDAD 578 12120	<b>Principles of Educational Law (3)</b> McKamey First, Daily, 9:10-10:20 a.m. P 306	
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Introduction to American legal system and principles affecting education. Emphasis on constitutional, statutory, regulatory, and case procedures applicable nationally to all levels of education.

EDAD 586 12147	<b>Professional Personnel (3)</b> Hutton First, Daily, 11:50 a.m.-1:00 p.m. P 456	
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Selection, assignment, evaluation, competency maintenance; positive personnel climate, rights, responsibilities, grievances, and bargaining procedures.

EDAD 591C 12172	<b>Higher Education Finance (3)</b> Trenderl First, Daily, 10:30-11:40 a.m. P 454	
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An examination of financial issues confronting higher education.

EDCI 510 12189	<b>Basics of Curriculum and Instruction (3)</b> First, M,W plus June 30, July 7, July 14 7:50-10:20 a.m.	Tresvant P 304
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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. Meeting dates: June 19, 21, 28, 30, July 3, 5, 7, 10, 12, 14.

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
EDCI 513 12192 12191	Supervision of Instruction (3) First, TTH plus June 23 7:50-10:20 a.m.	Mrosia P 456	ED 412 12365	Early Education Practicum (3) Second, Daily, 9:10-10:20 a.m.	Chattin-McNichols P 455
Improvement of instruction through supervisory leadership. Meeting dates: June 20, 22, 23, 26, 27, 29, July 6, 11, 13.			Supervised field experience in an early education setting.		
EDCI 525 12200	Seminar in Teaching of Reading (3) First, Daily, 10:30-11:40 a.m.	Schlick-Noe P 302	ED 432 12378	Mainstreaming the Exceptional Student (3) Second, Daily, 9:10-10:20 a.m.	Hilton P 451
Development of reading skills at all levels; examination and evaluation of current reading practices, research, and materials. Prerequisite: ED 336 or 337 or equivalent.			Issues surrounding mainstreaming; methods for working with exceptional students in the regular classroom.		
EDCI 527 12211	Corrective Techniques in the Teaching of Reading (3) First, Daily, 9:10-10:20 a.m.	Davis P 302	ED 500 12399	Introduction to Research (3) Second, Daily, 7:50-9:00 a.m.	Zarter P 455
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.			Introduction to research skills and literature in students' fields. Includes an orientation to graduate studies. Ordinarily taken as first graduate course.		
EDCI 543 12233	Seminar in Behavior Disorders (3) First, Daily, 11:50 a.m.-1:00 p.m.	Denoon P 455	ED 521 12412	Adult Psychology/Learning (3) Second, TTHF, 11:50 a.m.-2:20 p.m.	Crow P 451
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 existing agencies and personnel.			Investigation of various theories of adult development and learning.		
EDCN 509 12257	Counselor Preparation (3) Developmental School Counseling P 451 First, TTH, 1:10-4:30 p.m.	Ingram P 451	EDAD 572 12448	The Principalship (3) Second, Daily, 10:30-11:40 a.m.	Barker P 456
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.			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 coursework.		
EDCN 517 12279	Group Counseling (3) Theories and Practice First, TTH, 9:10-11:40 a.m.	Owen P 455 and P 456	EDAD 579 12456	The School Superintendent: Politics and Policy (3) Second, Daily, 9:10-10:20 a.m.	Staff P 456
Emphasizes group-counseling theory. Provides group experiences (including required 10-hour marathon) to integrate theory and practice. Discusses possible applications. Prerequisite: EDCN 510 and 511.			Local, state, and federal political structures and processes which influence and in turn are influenced by educational policies. Emphasis on use of these systems by practicing superintendents to achieve goals.		
EDCN 591C 12298	Ethics in Counseling (3) First, MW, 4:20-7:20 p.m.	Thompson P 455	EDAD 583 12475	School Finance (3) Second, MW 11:50 a.m.-2:50 p.m.	Hutton P 456
Situations, problems, professional judgement, and conflict of interest in counseling will be presented to students to facilitate their identification and development of sound ethical service-delivery practices.			Historical development; balanced taxation; school support program; problems and controversies. Graduate students only.		
EDDR 604 12326	Workshop in Organizational Development and Change (3) First, MWF, 1:30-4:30 p.m.	Morford/Wahle Willing ADM 321	EDAD 584 12494	Washington School Law (3) Second, Daily, 7:50-9:00 a.m.	Howard P 456
Integrated workshop relating to organizational development, conflict management. Permission of instructor.			School laws of Washington based on its constitution, statutes, administrative code, and court precedents. Emphasis on applicability to K-12 system. Prerequisite: EDAD 578.		
ED 411 12343	Early Education and Child Development (3) Second, Daily 10:30-11:40 a.m.	Demers P 455	EDCI 512 12519	Seminar: Instructional Effectiveness (3) Second, Daily, 9:10-10:20 a.m.	Barker P 454
Current issues and trends in early childhood education — birth through eight years. Emphasis on recent research including that carried out by teachers in their own classrooms.			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>Second Four-Week Term: July 17-August 11</b>					
EDCI 541 12535	Seminar in Mental Retardation (3) Second, Daily, 11:50 a.m.-1:00 p.m.	Hilton P 454	EDCI 542 12541	Special Methods in Mental Retardation (3) Second, Daily, 10:30-11:40 a.m.	Staff P 454
Investigation, analysis, and reporting on studies and trends in education of the mentally retarded. Prerequisite: ED 426 or equivalent.			Educational provisions for the retarded affected by environmental deprivation, sensory, and/or other impairments. Prerequisite: EDCI 541.		

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
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**EDDR 600**      **Workshop in Educational Leadership (9)**      **Morford/Wahle/Willing**  
**12553**      **Second, Daily, 9:00 a.m.-4:30 p.m.**      **LL 114 & Stimson Rm.**  
 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.

## Seven-Week Term: June 19-August 4

**EDCN 511**      **Counseling Theories (3)**      **Afanador**  
**12564**      **7-week, MW, 9:10-11:10 a.m.**      **P 304**  
 Theoretical foundations of major counseling approaches with in-class practice in simulated counseling interview. Complement to EDCN 510, though they need not be taken concurrently.

**EDCN 591C**      **Hazards of Counseling (3)**      **Afanador**  
**12467**      **June 26-August 11, TH, 5:00-8:30 p.m.**      **P 456**  
 A seminar course covering topics such as stress, burnout, hostile clients, self-esteem, power struggles, ethical problems, and other topics to be selected by the class.

## Eight-Week Term: June 19-August 11

**ED 491B**      **Eating Disorders (2)**      **Roise**  
**12627**      **8-week, Thursday, 4:30-6:50 p.m.**      **P 405**  
 Anorexia nervosa, bulimia, compulsive overeating: Diagnosis and assessment, case management, family system dynamics, issues in treatment, modes of therapy, physiological complications, recovery process. Also offered under ALC 491B.

**EDAD 564**      **Administrative Internship I (3)**      **Staff**  
**12244**      **8-week, Arranged**      **Arr**

**EDAD 565**      **Administrative Internship II (3)**      **Staff**  
**12225**      **8-week, Arranged**      **Arr**

**EDAD 566**      **Administrative Internship III (3)**      **Staff**  
**12266**      **8-week, Arranged**      **Arr**

**EDAD 595**      **Administrative Graduate Project (3)**      **Staff**  
**12282**      **8-week, Arranged**      **Arr**  
 Scholarly graduate project designed to improve some aspect of professional assignment. Prerequisite: Graduate core requirements and approval of coordinator.

**EDAD 596**      **Administrative Independent Study (1-3)**      **Staff**  
    **8-week, Arranged**      **Arr**  
 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. Request course number from Registrar's Office at time of registration.

**EDAD 597**      **Administrative Independent Study (1-3)**      **Staff**  
    **8-week, Arranged**      **Arr**  
 See description above. Request course number from Registrar's Office at time of registration.

**EDAD 598**      **Administrative Independent Study (1-3)**      **Staff**  
    **8-week, Arranged**      **Arr**  
 See description above. Request course number from Registrar's Office at time of registration.

**EDCI 549**      **Practicum: Special Education (3-6)**      **Hilton**  
**12302**      **8-week, Arranged**      **Arr**  
 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. Request course number from Registrar's Office at time of registration.

**EDCI 554**      **Diagnosis and Prescription (3)**      **Coady**  
**12302**      **8-week, MW, 1:10-3:10 p.m.**      **P 455**  
 Comparison of various methods used in the diagnosis of learning problems. Selection, administration, and analysis of tests; writing educational prescriptions to deal with those problems. Prerequisite: ED 424.

**EDCI 595**      **Curriculum Graduate Project (3)**      **Staff**  
**12317**      **8-week, Arranged**      **Arr**  
 Scholarly graduate project designed to improve some aspect of education. Prerequisite: Graduate core requirements and approval of adviser.

**EDCI 598**      **Curriculum Independent Study (1-4)**      **Staff**  
    **8-week, Arranged**      **Arr**  
 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. Request course number from Registrar's Office at time of registration.

**EDCN 512**      **Career Counseling and Informational Sources (3)**      **Crow**  
**12334**      **8-week, T, 7:00-10:00 p.m.**      **P 551**  
 Study of vocational development. Exploration of educational, social, vocational, and referral sources. Prerequisite: EDCN 511. (Plus 6 additional hours to be negotiated)

**EDCN 558**      **Community Mental Health (3)**      **Johnson**  
**12351**      **8-week, TH, 7:00-10:00 p.m.**      **P 551**  
 An examination of organization, clientele, and functions of community mental health agencies. Focus on clinical assessment, case conceptualization and management.

**EDCN 564**      **Counseling Internship I (4)**      **O'Connor**  
**12380**      **8-week, T, 4:20-6:50 p.m.**      **P 551**  
 Supervised 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.

**EDCN 565**      **Counseling Internship II (4)**      **Thompson**  
**12403**      **8-week, T, 4:20-6:50 p.m.**      **P 456**

**EDCN 565**      **Counseling Internship II (4)**      **Staff**  
**12429**      **8-week, T, 4:20-6:50 p.m.**      **P 352**

**EDCN 566**      **Counseling Internship III (3)**      **Owen**  
**12430**      **8-week, T, 4:20-6:50 p.m.**      **P 455**

**EDCN 595**      **Counseling Graduate Project (3-6)**      **Adviser**  
    **8-week, Arranged**      **Arr**

**EDCN 596**      **Counseling Independent Study (1-3)**      **Adviser**  
    **8-week, Arranged**      **Arr**

**EDDR 605**      **Independent Study in Educational Leadership (1-5)**      **Wahle/Willing**  
    **8-week, Arranged**      **Arr**  
 Permission of instructor.

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
EDDR 606	Independent Study in Educational Leadership (1-5) 8-week, Arranged	Wahle/ Willing Arr
Permission of instructor.		
EDDR 607	Independent Study in Educational Leadership (1-5) 8-week, Arranged	Wahle/ Willing Arr
Permission of instructor.		
EDDR 608	Internship in Educational Leadership (1-9) 8-week, Arranged	Wahle/ Willing Arr
Permission of instructor.		
EDDR 609 12481	Superintendent Internship (3) 8-week, Arranged	Wahle Arr
Permission of instructor.		
EDDR 610	Doctoral Project in Educational Leadership (1-14) 8-week, Arranged	Morford/ Staff Arr
EDDR 610 12695	Doctoral Project (3)	
EDDR 610 12704	Doctoral Project (5)	
EDDR 613 12506	Project Continuation (0) 8-week, Arranged	Morford Arr
EDDR 649 12522	Doctoral Enrollment (0) Arranged	Morford Arr

## Engineering

### Mechanical Engineering

ME 105 11301	Engineering Graphics and Design (3) 8-week, MWF, 9:10-11:10 a.m.	Wiedemeier ENGR 401
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Orthographics, isometrics, technical sketching, auxiliary and sectional views, dimensioning, and tolerancing. True length of lines, true size of planes, intersections, development of surfaces. Introduction to engineering design. Design project requiring graphics skills. Three two-hour sessions per week. Corequisite: ME 107.

ME 107 11327	Introduction to Microcomputer Applications (2) 8-week, MWF, 11:20 a.m.-12:00 p.m.	Wiedemeier ENGR 401
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Introduction to the use of microcomputers for engineering. Microcomputer hardware and useful software packages in mathematics and text processing, introduction to computer-controlled data acquisition and measurement. Laboratory programming assignments. Laboratory programming. Two lecture hours per week.

ME 350	Materials Science (5) 8-week, Daily, 9:20-10:20 a.m.	Gehlen ENGR 305
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Atomic Structure. Metallic bond. Structure of metals and non-metals. Equilibrium diagrams. Time-dependent transformations. Relation of structure to properties. Elastic and plastic deformation. Prerequisite: ECL 321.

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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## English

EN 110 11352	Freshman Writing (5) 7-week, Daily 10:30-11:40 a.m.	Tadie ADM 220 Core
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This course focuses on writing as a critical thinking process involving pre-writing, drafting, revising, and editing. Course develops the skills of invention, organization, style, and correctness.

EN 120 11369	Introduction to Literature (5) 7-week, Daily, 9:10-10:20 a.m.	Weihe ADM 220 Core
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An introduction to the romantic, tragic, ironic, and comic modes with an emphasis on reading and writing skills as they apply to the study of literature.

EN 132 11374	Masterpieces of American Literature (5) 7-week, MW, 5:30-8:00 p.m.	Douglas ADM 220 Core
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Survey of American Literature from the Colonial Period to the 20th Century.

EN 265 11383	Great English Authors II (5) 7-week, Daily, 7:50-9:00 a.m.	Tadie ADM 220
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Students will read authors from the Puritan, Restoration, Enlightenment, and Pre-romantic periods, including Milton, Dryden, Pope, Swift, Johnson, Goldsmith, Cowper, Gray, Thompson, Smith, and Burke. Certain of Kenneth Clark's film series, *Civilisation*, will be seen. Required course for English majors.

EN 291E 11395	Grammar, Editing, and Style (5) 7-week, TTH, 5:30-8:00 p.m.	Douglas ADM 220
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An introduction to traditional grammar and to the art of effective written communication.

EN 391E 11400	Religious Experience in Autobiography and Story (5) 7-week, Daily, 7:50-9:00 a.m.	Leigh ADM 222
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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.

EN 392E 11411	Modern American Fiction (5) 7-week, Daily, 10:30-11:40 a.m.	Weihe ADM 320
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J.D. Salinger's *Catcher in the Rye*, Flannery O'Connor's *The Violent Bear it Away*, Bellow's *Herzog*, Toni Morrison's *Song of Solomon*, and Ursula Le Guin's *The Left Hand of Darkness* will be studied as they represent the wide range of experience and thought in mainstream modern American Fiction.

## Fine Arts

### Art

ART 291C 12049	Introduction to Japanese Performing Arts: Music, Dance, Drama, and Literature (3) Second, MWF, 10:30 a.m.-12:30 p.m.	Thiel BU 119
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The dance dramas of Noh and Kyogen, and Kabuki, the Bunraku puppet theater, the music of Koto and Shamisen share a vital link with Japanese literature. The class will include lecture/demonstrations of the performing arts and studio work in movements of Noh and Kyogen, Kabuki dance (pantomime and dance fan movements, vocal styles, and poetic literature).

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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ART 292B 10366	Painting with a Japanese Brush (2) Thiel First, TTH, 1:10-3:25 p.m.	BU 104
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Using the Japanese brush and ink, students will learn the step-by-step strokes of traditional painting and calligraphy and combining painting of mountains, trees, animals, flowers, and people with poetic writing. They will use the extra energy of the brush in contemporary painting.

## Drama

DR 230 10398	Video Profiles (5) First, Daily, 7:50-9:00 a.m.	Dore BU 119
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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.

## Music

MU 110 10410	*Piano Lessons (1-2) 8-week, Arranged	Barnes Arr
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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 \$42.00 per credit hour additional fee charged for private lessons.

## Foreign Languages

FR 115 10432 FR 125 10449 FR 135 10461	French Language I, II, III (15) 8-week, Daily, 8:00-11:30 a.m.	Milan ADM 208
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GR 115 10476 GR 125 10493 GR 135 10518	German Language I, II, III (15) 8-week, Daily, 8:00-11:30 a.m.	I. Dinter/ E. Dinter ADM 207
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SP 115 10520 SP 125 10547 SP 135 10554	Spanish Language I, II, III (15) 8-week, Daily, 8:00-11:30 a.m.	Staff ADM 206
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These intensive, 15-credit courses 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, German, or Spanish language. All language courses are taught in the language being taught, and will take the beginning student through the first year of college French, German, or Spanish in one quarter.

## General Science

ISC 391E 10591	Modern Science and the Decline of Western Civilization (5) 7-week, Daily, 10:30-11:40 a.m.	Taylor/Deltete P 354
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Scientific development in the West during the 19th and 20th centuries seen through the biographies of Darwin, Freud, Einstein, Madame Curie, and others. The course will explore issues of science and modern thought, social and scientific responsibility, etc. Also offered under HS 391.

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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## Health Information Administration

HI 460 10684	Management Internship (4) Second, Arranged	Hanken Arr
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Development of management skills and competencies in a seminar and in health care facilities. Participation in professional practice activities with campus and clinical faculty. Prerequisite: HI 310, 311, 410.

HI 462 10696	Management Project (2) Second, Arranged	Hanken Arr
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Action research, management problems in health information systems. Campus and clinical faculty participate in projects submitted by health-related facilities. Prerequisite: HI 310, 311, 461.

HI 497	Independent Study (1-3) Second, Arranged	Hanken Arr
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## History

HS 120 10712	Introduction to Western Civilization (5) 7-week, Daily, 7:50-9:00 a.m.	Madsen ADM 223 Core Option
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A study of the ideas, values, and institutions that have comprised Western Civilization.

HS 120 10729	Introduction to Western Civilization (5) 7-week, Daily, 2:30-3:40 p.m.	Staff ADM 223 Core Option
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See description above.

HS 221 10748	Modern Western Civilization (5) 7-week, Daily, 7:50-9:00 a.m.	Parry ADM 224 Core Option
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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.

HS 271 10756	Survey of Russian History (5) 7-week, Daily, 9:10-10:20 a.m.	Taylor ADM 203 Core Option
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An introduction to the history and culture of Russia and the Soviet Union.

HS 281 10775	Survey of the Far East (5) 7-week, Daily, 11:50 a.m.- 1:00 p.m.	Mann P 354 Core Option
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Domestic and international development of China, Japan, and the states of Southeast Asia.

HS 315 10781	Europe of the 20th Century (5) 7-week, Daily 9:10-10:20 a.m.	Fisher ADM 324
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Contemporary movements and institutions.

HS 341 10801	The Pacific Northwest (5) 7-week, Daily, 9:00-10:20 a.m.	Saltvig P 354
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Past development and present problems of the Pacific Northwest with emphasis on Washington state.

HS 391E 10816	Modern Science and the Decline of Western Civilization (5) 7-week, Daily 10:30-11:40 a.m.	Taylor/Deltete P 354 Core Level III
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Scientific development in the West during the 19th and 20th centuries seen through the biographies of Darwin, Freud, Einstein, Madame Curie, and others. The course will explore issues of science and modern thought, social and scientific responsibility, etc. Also offered under ISC 391.

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
HS 391E 10838	<b>Origins of Contemporary Latin America (5)</b> 7-week, Daily, 11:50 a.m.-1:00 p.m.	Fisher P 405
The transformation of the region from a typically traditional agricultural "third world" society to an explosive modern society. Also offered under RS 493.		
HS 391E 10840	<b>French Revolution: Retrospective, Impact, Image (5)</b> 7-week, Daily, 10:30-11:40 a.m.	Parry P 352
On the 200th anniversary of the French Revolution, an analysis of its major contributions and its continuing impact in the world today.		
HS 492E 12597	<b>Leadership in History (5)</b> 8-week, TTH, 3:00-5:30 p.m.	Mann/Harmon ADM 221
An examination in an historical setting, in its perception of itself, other, and the norms and sources of leadership. Prerequisite: permission of instructor.		
HS 497	<b>Independent Study (1-5)</b> 7-week, Arranged	Staff Arr

## Institute for Theological Studies

ITS 506 10874	<b>Christian Ethics (3)</b> June 19-July 26 MW, 9:00-11:50 a.m.	Poorman ADM 307
Study of dynamics of moral decision-making, process of moral development, and principles of Christian moral action; development of methodology for addressing personal and social moral issues. Permission of Director.		
ITS 575 10883	<b>Canon Law (2)</b> June 12-16, 20, 22-23, 27, 29 8:30-10:30 a.m.	Moodie ADM 321
Overview of contents of the Canon Law which governs the Catholic Church; development of a fundamental way of approaching Canon Law in general and how to interpret and use it pastorally. Permission of Director.		
ITS 593C 10895	<b>Kethuvim (Writings) (3)</b> ARR	Eblen
A focused look at the art and various genres of biblical poetry within the third division of Hebrew Bible, known as The Wisdom Literature. Prerequisite: ITS 501.		
ITS 596	<b>Independent Study (1-6)</b> Arranged	Staff Arr
ITS 597	<b>Independent Study (1-6)</b> Arranged	Staff Arr
ITS 598	<b>Independent Study (1-6)</b> Arranged	Staff Arr
ITS 599	<b>MPM Graduate Project (3)</b> Arranged	Steffes ADM 307

## Institute for Theological Studies/ SUMORE

ITSS 501 10924	<b>Hebrew Scriptures (2)</b> July 3-14, Daily, 9:30-11:30 a.m.	Eblen ADM 321
Scriptural evidence of development of Hebrew faith tradition; scripture's function of expressing and forming the faith experience of community;		

Course/Section	Description/Credit Session/Time	Instructor Building/Room
thematic developments and historical context of major writings; scripture as norm and origin of faith. Permission of Director.		
ITSS 502 10931	<b>Christian Scriptures (3)</b> July 17-28, Daily, 9:00-11:50 a.m.	Barta ADM 321
The nature of revelation and inspiration; the process of New Testament composition and the means to recover its message; historical backgrounds of the communities and theologies of the writers. Permission of Director.		
ITSS 504 10945	<b>Christology (3)</b> June 20-30, Daily, 9:00-11:50 a.m.	Wisner ADM 308
A survey of theological reflection on Jesus, his life, his teaching, his death-resurrection. Examines the New Testament, the Fathers, the important conciliar definitions, and covers three questions: Who is this man? How does he save us? How do we relate to him now? Permission of Director.		
ITSS 505 10962	<b>Church (3)</b> July 31-August 11, Daily, 9:00-11:50 a.m.	Padovano ADM 321
Biblical, historical, and theological reflection on the meaning of the Church, aimed at a deeper understanding and living of its reality. Themes: Christ, Spirit, church; past, present images of church; power, authority, and office in the church. Role of women in the church. Permission of Director.		
ITSS 506 10977	<b>Ethics (2)</b> July 31-August 11, Daily, 9:30-11:30 a.m.	Gudorf ADM 305
Beginning with an overview of traditional Catholic moral theology, will cover contemporary challenge to traditional method and content and will attempt to integrate personal and social morality with Christian spirituality and social justice. Permission of Director.		
ITSS 507 10986	<b>Sacramental Theology (2)</b> June 20-29, TWTWTF/MTWTH, 2:00-4:30 p.m.	Hurd ADM 308
Treats the seven areas of human experience that are meant to be transformed by "the seven sacraments"; concentrates on the notion of Christian sacramentality, the meaning that comes to life because of Christ's life, death, and resurrection. Permission of Director.		
ITSS 510 10990	<b>Christian Self-Image (3)</b> June 20-30, Daily, 9:00-11:50 a.m.	Rolheiser ADM 224
An analysis of the development and ongoing clarification of our selfimage as it is dynamically influenced by conscience, the presence of God, and Christian community. Permission of Director.		
ITSS 512 11004	<b>Liturgy (2)</b> July 17-28, Daily, 9:30-11:30 a.m.	Empereur ADM 305
Forms of liturgical theology, the meaning of symbol and ritual, relationship of liturgy to social justice, and the spirituality of liturgy. A question of special importance will be: "How is liturgy integrated into a holistic spirituality?" Permission of Director.		
ITSS 514 11010	<b>Contemporary Presentation of Christian Spiritual Journey (2)</b> July 17-27, MTWTH, 6:30-9:00 p.m.	Keating ADM 305
Re-expression of Christian contemplative tradition in dialogue with contemporary science and the spiritual traditions of other world religions. Several different models will be presented so we can see the same reality from different perspectives. Permission of Director.		
ITSS 516 11028	<b>Spiritual Direction (2)</b> July 3-14, MTWTh, 2:00-4:30 p.m.	Carroll/Dyckman ADM 307
Practice of spiritual direction, designed for those involved in or moving toward giving such direction. Treats these topics: what spiritual direction is and is not,		

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
	its relation to psychological counseling, assumptions of the director regarding human/spiritual growth and prayer, blockages of, and criteria for authentic prayer. Permission of Director.	
<b>ITSS 522</b> 11049	<b>Justice Ministry (3)</b> July 3-14, MTWTH, 6:00-9:30 p.m.	<b>McGinnis</b> ADM 305
	Examines the contents of the pastoral letter, and looks at issues for justice ministry; participation/empowerment; forming a social conscience; engaging families in social action; dealing with racism. Permission of Director.	
<b>ITSS 533</b> 11055	<b>Theories of Religious Education (3)</b> July 17-28, Daily, 9:00-11:50 a.m.	<b>Zappone</b> ADM 308
	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.	
<b>ITSS 552</b> 11061	<b>Interpersonal Process (2)</b> June 20-29, TWTHF/MTWTH, 2:00-4:30 p.m.	<b>Ferder/Heagle</b> ADM 307
	Awareness of self and others, development of listening skills, examining barriers to effective interpersonal communication, constructive use of feedback and empathetic responding, developing basics for community support system. Majors only.	
<b>ITSS 553</b> 11076	<b>Conflict Resolution (2)</b> June 20-29, TWTHF/MTWTH, 2:00-4:30 p.m.	<b>Rochelle-Stephens</b> ADM 305
	Enables more effectiveness in negotiating the large and small daily conflicts in professional and personal lives. Includes theory, input, interpersonal sharing, skill-building, and awareness exercises. Majors only.	
<b>ITSS 555</b> 11093	<b>Organizational Dynamics (3)</b> June 20-30; Daily, 9:00-11:50 a.m.	<b>Wilson</b> ADM 305
	Deals with leadership styles, various approaches to dealing with people, organizational functioning, team-building as it applies to healthy group interaction. Majors only.	
<b>ITSS 556</b> 11109	<b>Pastoral Counseling (3)</b> July 3-14, Daily, 8:30-11:50 a.m.	<b>Wemhoff/Smith</b> Steig/Boyd TBA
	Student 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.	
<b>ITSS 587</b> 11123	<b>Practicum I (2)</b> July 17-28, MTTH, 2:00-4:30 p.m.	<b>Staff</b> ADM 307
	Helps those involved in various ministries 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> 11137	<b>Practicum II (2)</b> July 17-28, MTTH, 2:00-4:30 p.m.	<b>Staff</b> ADM 305
	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 591A</b> 11185	<b>A Social Justice Perspective in Ministry (1)</b> July 31-August 3, MTWTH, 2:00-4:30 p.m.	<b>Schramm</b> ADM 307
	Explores and reflects on unique yet related ministry experiences in criminal justice, urban parish in a troubled area, two Latin American countries, Appalachia.	

Course/Section	Description/Credit Session/Time	Instructor Building/Room
<b>ITSS 591A</b> 11192	<b>Native American Spirituality (1)</b> July 31-August 3, MTWTH, 2:00-4:30 p.m.	<b>Twohy</b> ADM 305
	We will pray and listen and visit together in a comfortable manner with Indian men and women who preserve and hand on the spiritual teachings of their grandparents and Elders. Permission of Director.	
<b>ITSS 591B</b> 12669	<b>Scope and Issues of Religious Education (2)</b> July 3-14, MTWTH, 6:30-9:00 p.m.	<b>Hill</b> ADM 307
	Discusses how tradition should be imparted against a comprehensive background of inclusive religion, relational faith, liberal theology, and progressive education. Christian beliefs need to be inculturated, integrated with freedom, spirituality, and social justice, in the light of contemporary biblical research. Permission of Director.	
<b>ITSS 598</b>	<b>Independent Study (1-6)</b> Arranged	<b>Staff</b> Arr
<b>ITSS 599</b>	<b>Completion Project (3)</b> Arranged	<b>Staff</b> Arr

## Mathematics

<b>MT 222</b> 11229	<b>Discrete Structures (5)</b> 7-week, Daily, 10:30-11:40 a.m.	<b>Sullivan</b> BA 401
	Logic, set theory, Boolean algebra, algebraic structures, graph theory, and combinatorics; introduction to abstract machines and formal languages; computability concepts. Prerequisite: MT 135.	
<b>MT 232</b> 11248	<b>Multivariable Calculus (3)</b> 7-week, MWF, 9:10-10:20 a.m.	<b>Ehlers</b> BA 402
	Partial derivatives, multiple integration and applications. Prerequisite: MT 136.	
<b>MT 233</b> 11267	<b>Linear Algebra (3)</b> 7-week, MWF, 7:50-9:00 a.m.	<b>Chang</b> BA 401
	Matrices, determinants, vector spaces, linear transformation, eigenvalues. Prerequisite: MT 136.	
<b>MT 234</b> 12674	<b>Differential Equations (4)</b> 7-week, Daily 10:30-11:40 a.m.	<b>Mirbagheri</b> ENGR 312
	First and second order differential equations; linear differential equations; systems of differential equations; power series solutions. Prerequisite: MT 232 and 233.	

## Military Science

<b>MS 296</b>	<b>Independent Study (1-3)</b> Arranged	<b>Staff</b> Arr
	Prerequisite: permission of instructor.	
<b>MS 314</b> 11281	<b>Advanced Camp (4)</b> Arranged	<b>Staff</b> NOC
	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> 11294	<b>Advanced Camp — Nursing (4)</b> Arranged	<b>Staff</b> NOC
	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.	

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
MS 496	Independent Study (1-5) Arranged Prerequisite: permission of instructor.	Staff Arr	PL 324 11680	Philosophy of Religion (5) 7-week, Daily, 10:30-11:40 a.m.	Dombrowski ADM 205 Core Option
<h2>Philosophy</h2>			<p>A philosophical study of religious consciousness in terms of the relationships between religious consciousness and human authenticity, in both its individual and social dimensions.</p>		
PL 110 11316	Introduction to Philosophy and Critical Thinking (5) 8-week, TTH, 5:30-8:00 p.m.	Staff ADM 202 Core	PL 491E 11699	Philosophy of Love (5) 7-week, MWF, 8:25-10:20 a.m.	Stickers ADM 326 Core Option
<p>Key philosophical problems provide the context for developing habits of critical reflection, logical reasoning, and argumentative writing.</p>			<p>A survey of classical and contemporary theories of the nature and types of love; assessments of its importance for a fulfilled human life, with some attention to the ethics of sexual love.</p>		
PL 110 11338	Introduction to Philosophy and Critical Thinking (5) 7-week, Daily, 10:30-11:40 a.m.	Bjelland ADM 202 Core	<h2>Physics</h2>		
<p>See description above.</p>			PH 110 11708	Introduction to Astronomy (5) 7-week, MTTTH, 7:50-9:00 a.m. Laboratory: W, 8:00-10:00 a.m.	Toutonghi BA 301
PL 110 11498	Introduction to Philosophy and Critical Thinking (5) 7-week, Daily, 9:10-10:20 a.m.	Staff ADM 202 Core	<p>A survey of astronomy starting with a description of the visually observed skies and their apparent motions; historical development of attempts to explain the observed motions, beginning with the Greek synthesis and ending with "Moderns," including Newton; a description of the cataloguing of stellar properties starting with determination of distances to stars and ending with their plot on the H-R diagram; our theories of the birth, life, and death of stars. The course emphasizes the observation bases of our several models, and includes a two-hour weekly laboratory. Prerequisite: Permission of Department.</p>		
<p>See description above.</p>			PH 110 11713	Introduction to Astronomy (5) 7-week, MTTTH, 10:30-11:40 a.m. Laboratory: W, 10:30 a.m.-12:30 p.m.	Toutonghi BA 301 Core Option
PL 220 11515	Philosophical Problems: Human Person (5) 8-week, MW, 5:30-8:00 p.m.	Bjelland ADM 221 Core	<p>A survey of astronomy starting with a description of the visually observed skies and their apparent motions; historical development of attempts to explain the observed motions beginning with the Greek synthesis and ending with "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 the birth, life, and death of stars. The course emphasizes the observation bases of our several models, and includes a two-hour weekly laboratory. Prerequisite: Core mathematics requirement.</p>		
<p>Systematic study of the nature and powers of the human person. Special emphasis on the problems of human knowing, freedom, and responsibility.</p>			PH 201 11745	Electricity and Magnetism (5) 7-week, MTTTH, 9:10-10:20 a.m. Laboratory: TH, 2:10-5:00 p.m.	Guy BA 301
PL 220 11539	Philosophical Problems: Human Person (5) 7-week, Daily, 10:30-11:40 a.m.	Reichmann, S.J. ADM 222 Core	<p>Physics for students of Science and Engineering. Prerequisite: PH 200, MT 135.</p>		
<p>See description above.</p>			<h2>Political Science</h2>		
PL 220 11550	Philosophical Problems: Human Person (5) June 19-July 21, Daily, 7:50-9:30 a.m.	Burke ADM 221 Core	PLS 205 11762	American National Government (5) R. Young 7-week, Daily, 10:30-11:50 a.m.	ADM 325 Core Option
<p>See description above.</p>			<p>Constitutional and historical foundations of federal government. Power, class, and culture in shaping participation and public policy. Conservative, radical, and reformist views.</p>		
PL 220 11568	Philosophical Problems: Human Person (5) 7-week, Daily, 9:10-10:20 a.m.	Dombrowski ADM 222 Core	PLS 210 11790	Introduction to Local and State Politics (5) 8-week, MW, 5:30-8:00 p.m.	Hogan ADM 325
<p>See description above.</p>			<p>Local, state, county, and special district government structures and political processes. Proposals for reform.</p>		
PL 250 11651	Ethics (5) June 19-July 21, Daily, 10:30 a.m.-12:10 p.m.	Burke ADM 223 Core Option			
<p>Systematic study of ethical theory, the character of ethical reasoning, and the levels of ethical discourse, with application of ethical theory to specific problems.</p>					
PL 252 11665	Business Ethics (5) 7-week, MTTTH, 10:30 a.m.-12:00 p.m.	Stickers ADM 204 Core Option			
<p>Application of general ethical theory to those problems directly related to the business world; employment practices, wages, advertising, honesty, strikes.</p>					
PL 260 11678	Logic I (5) 7-week, Daily, 9:10-10:20 a.m.	Deltete ADM 205 Core Option			
<p>Systematic treatment of traditional logic.</p>					

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
PLS 260 11806	<b>Introduction to International Relations (5)</b> 8-week, MWF, 8:50-10:20 a.m.	<b>Anthony ADM 325</b> Core Option
Politics in the global community. Power, nationalism, sovereignty, imperialism, colonialism, hunger, and development.		
PLS 391E 11841	<b>The Policy Process (5)</b> 8-week, TTH, 5:30-8:00 p.m.	<b>R. Young ADM 325</b>
The interplay of the White House, Congress, administrative agencies, interest groups, and public media in setting priorities and forming public policy. Also offered under PUB 481.		

## Psychology

PSY 201 11864	<b>Statistics I (5)</b> 7-week, Daily, 9:10-10:20 a.m.	<b>Gaffney P 352</b>
Basic descriptive and inferential statistics; central tendency, variability, correlation and regression, probability, z & t tests, one-way analysis of variance.		
PSY 292E 12008	<b>Personality Through Literature and Dreams (5)</b> 7-week, TTH 9:10 a.m.-12:00 p.m.	<b>Gerber ADM 323</b>
To open our imagination and awareness to ourselves via literature (through reading about the worlds of others) and working with our dreams.		
PSY 315 11897	<b>Abnormal Psychology (5)</b> 7-week, Daily, 10:30-11:40 a.m.	<b>Halling ADM 324</b>
Survey of abnormal mental and emotional life; symptoms, nature, and causes of psychological disorders; abnormalities of specific functions; theories of etiology. Prerequisite: PSY 100/120.		
PSY 375 11918	<b>Psychology of Death and Dying (5)</b> 7-week, TTH, 1:10-4:00 p.m.	<b>Young ADM 202</b>
Development of skills in grief counseling in relation to experience of loss in caring relationships. Areas of concern include various cross-cultural means of coping with loss, near-death experiences, the child's perception of death, and the transcendence of loss as a life-span issue of release, reconciliation, and creative renewal. Art-therapy methods will be applied. Prerequisite: PSY 100/120.		
PSY 391E 11947	<b>Psychology and Art (5)</b> 7-week, TTH, 5:40-8:30 p.m.	<b>Young ADM 204</b>
Clinical applications of artistic methods of expression in a variety of contexts. Various settings for art therapy will be studied. Prerequisite: PSY 100/120.		
PSY 427 11963	<b>Introduction to Counseling (5)</b> 7-week, MW, 1:10-4:00 p.m.	<b>Rowe ADM 204</b>
Basic theory, principles, and dynamics of the counselor-client relationship and the counseling process. Prerequisite: PSY 100/120 and Junior or Senior standing.		
PSY 461 11989	<b>Theory of Group Dynamics (2)</b> 7-week, MW, 4:10-7:30 p.m.	<b>Rowe ADM 204</b>
Survey of theories and empirical studies of the dynamics of group behavior; emphasis on means of more effective and productive group performance. Must be taken concurrently with PSY 462. Prerequisite: PSY 100/120.		
PSY 462 12024	<b>Experience of Group Dynamics (3)</b> 7-week, MW, 4:10-7:30 p.m.	<b>Rowe ADM 204</b>
Experience of group dynamics through participation in a group; emphasis on experiencing interpersonal communication. Must be taken concurrently with PSY 461. Prerequisite: PSY 100/120. Mandatory C/NC.		

Course/Section	Description/Credit Session/Time	Instructor Building/Room
PSY 490 12728	<b>Symposium on Alcoholism (3)</b> June 19-30, Daily, 9:00 a.m.-4:00 p.m.	<b>Roise ADM 326</b>
Survey of alcoholism with special emphasis on the disease model and the controversy surrounding that model. Guest lecturers will debate the issue in the larger context of alcoholism: history and scope; physiological, social, psychological, and family aspects of alcohol problems; progression, symptoms, types of alcoholics; nature of addictive diseases; causality, treatment, and prevention. Also offered under ED 491C and ALC 400.		

## Public Administration

PUB 349 12154	<b>Collective Bargaining (5)</b> 8-week, MW, 4:30-7:00 p.m.	<b>Sawyer ADM 326</b>
History of statutory requirements, strategies of labor-management relations. Realistic bargaining simulation. Not for MPA credit.		
PUB 481 12163	<b>Policy Process (5)</b> 8-week, TTH, 5:30-8:00 p.m.	<b>Young ADM 325</b>
The interplay of the White House, Congress, administrative agencies, interest groups, and public media in setting priorities and forming public policy. Also offered under PLS 391.		

## Public Administration — Graduate Program

PUB 512 12062	<b>The Implementation Process (3)</b> 8-week, M, 5:30-8:30 p.m.	<b>Hopps ADM 321</b> Core
How public policies become public programs. Interplay of executive, legislative, judicial, and executive branches. Inter-governmental and inter-agency relations. Prerequisite: PUB 511.		
PUB 562 12077	<b>Oral Communication for Administrators (3)</b> 8-week, W, 5:30-8:30 p.m.	<b>Thomas ADM 307</b> Core
Oral communication within the context of the contemporary organization. Some theory, but emphasis on performance. Differentiated assignments according to the needs and professional applications of students.		
PUB 585 12086	<b>Management of Change (3)</b> July 7, 14, 21, F, 5:30-9:30 p.m. July 8, 15, S, 9:00 a.m.-1:00 p.m. July 22, S, 9:00 a.m.-2:00 p.m.	<b>D. Mills P 352</b>
A course on the future: forecasting methods, trends, scenarios. Discussions of change processes (diffusion, revolution, attitude change) and methods of responding. Also offered under BMBA 585.		
PUB 591C 12105	<b>Issues in Management (3)</b> July 8, 15, 22, S, 3:00-5:00 p.m. July 9, 16, Sunday, 9:00 a.m.-3:00 p.m.; July 23, Sunday, 9:00 a.m.-4:00 p.m.	<b>D. Mills P 302</b>
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.		
PUB 593C 12136	<b>Operations Analysis Using Computers (3)</b> 8-week, TH, 5:30-8:30 p.m.	<b>Das ADM 321</b>
Operations analysis for public and non-profit organizations in program planning, budgeting, quality control, and resource allocations using personal and mainframe computer technologies. Students should have a knowledge of at least one of the following: personal computers (spread sheets), or statistics, or decisions analysis techniques.		

# CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
PUB 595	Internship (1-3) Arranged	Staff Arr	RS 217 11521	Message of Paul (5) 7-week, Daily, 10:30-11:40 a.m.	Early ADM 203 Core Phase II
PUB 597 Arranged	Independent Study (1-5) Arr	Staff	Description of the Christian experience given to us in the Pauline letters; Paul's experience of Christ; development of his thought in some dominant themes or perspectives; the influence of the believing community and of contemporary history and culture on his experience and development; relation of his message to all times and people.		
PUB 598 Arranged	Independent Study (1-5) Arr	Staff	RS 243 11542	Christians in Action (5) 7-week, Daily, 9:10-10:20 a.m.	Hart ADM 203 Core Phase II
<b>Rehabilitation</b>			Moral and spiritual development in general and the Christian tradition in particular within the broader human quest for a way of life that brings lasting happiness and satisfaction. The central component is the study of scriptures, focusing upon the notion of prophetic call in the Hebrew scriptures and the New Testament message of the Kingdom of God and life in the Spirit.		
RHB 210 11425	Field Experience (5) Arranged	Thompson Arr	RS 243 11573	Christians in Action (5) 7-week, Daily, 1:10-2:20 p.m.	Hart ADM 203 Core Phase II
Actual experience in an agency or institution setting with a rehabilitation framework. Coordinating seminars are an integral part of each field experience course. Prerequisite: RHB 100 and 201, or permission of instructor. Mandatory C/NC.			See description above.		
RHB 310 11433	Field Experience (5) Arranged	Thompson Arr	RS 293E 11584	Religious Experience in Autobiography and Story (5) 7-week, Daily, 7:50-9:00 a.m.	Leigh ADM 222 Core Phase II
See description above. Mandatory C/NC.			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.		
RHB 410 11444	Field Experience (5) Arranged	Thompson Arr	RS 307 11596	Theology of the Feminine (5) 8-week, MW, 5:30-7:30 p.m.	Barta ADM 203 Core Phase III
See description above. Mandatory C/NC.			Investigation of what has 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.		
RHB 515 11457	Loss and Grief (3) First, TTH, 9:10-Noon	Haney P 451	RS 334 11602	Liberation and Theology (5) 7-week, Daily, 9:10-10:20 a.m.	Quitslund ADM 204 Core Phase III
Loss and grieving process as they relate to illness, injury, disability, and dying.			Discovery of situations and structures experienced as oppressive; themes from the biblical and Christian tradition that speak to the issues of liberation, justice, and peace; contemporary models for analyzing, interpreting, and applying the Christian message. Prerequisite: Core Phase II.		
RHB 515 11466	Loss and Grief (3) First, MW, 4:20-7:20 p.m.	Haney P 451	RS 393E 11617	Theology of Story (5) 7-week, Daily, 7:50-9:00 a.m.	Navone ADM 203 Core Phase III
See description above.			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		
<b>Sociology</b>			RS 397	Independent Study (1-5) Arranged	Staff Arr
SC 120 11479	Introductory Sociology (5) 7-week, Daily, 10:30-11:40 a.m.	Weatherby ADM 221	RS 493E 11626	Origins of Contemporary Latin American Religion (5) 7-week, Daily, 11:50 a.m.-1:00 p.m.	Fisher P 405
Examination of social relationships and structures; study of culture and socialization; encourages cultivation of the sociological perspective for an understanding of effect of society on the individual and vice versa.			The transformation of the region from a typically traditional agricultural "third world" society to an explosive modern society. Also offered under HS 391.		
SC 391E 11482	Grieving Over Young Dead (5) 8-week, TTH, 10:30 a.m.-1:00 p.m.	Carter P 452	<b>Theology and Religious Studies</b>		
Analysis of a variety of young death situations including SIDS, teen suicide, accident, and AIDS, together with a review of successful intervention skills and strategies for coping with grief.			Historical background and development of Israelite and Jewish religious experience and tradition; its contribution to the foundations of the Christian community.		

**SUMMER SESSION ONLY**

**SUMMER SESSION ONLY**

# Seattle University Summer School Application for Admission

Check one: < Application for **ADMISSION**: regular grad  regular undergrad  \$15 fee  
Application for **READMISSION**:  no fee

FULL LEGAL NAME—LAST		FIRST	MIDDLE	FORMER NAME(s)
MAILING ADDRESS				AREA CODE/PHONE
CITY	STATE		Zip	

Social Security Number

\_\_\_\_ / \_\_\_\_ / \_\_\_\_

**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"/> BLACK AFRO AMERICAN <input type="checkbox"/> HISPANIC AMERICAN <input type="checkbox"/> WHITE AMERICAN	<input type="checkbox"/> FOREIGN NATIONAL <input type="checkbox"/> OTHER _____	RELIGION (OPTIONAL) <input type="checkbox"/> CATHOLIC <input type="checkbox"/> OTHER _____
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Birthdate _____	Citizen of U.S.A. Yes <input type="checkbox"/> No <input type="checkbox"/>	Country of Citizenship if not U.S.A. _____	Type of Visa _____
Birthplace _____	TOEFL required of all applicants whose native language is other than English.		

**CHECK YOUR STATUS HERE:**

Undergraduate / Transfer  
 Graduate  
 Second Degree  
 5th Year

Transitional (non-degree seeking):  
 Undergrad (Courses 100-499)  
 Graduate (Courses 500+)

Are you currently enrolled?  Yes  No

Have you been enrolled at S.U.?  Yes  No  
 Quarter \_\_\_\_\_ Year \_\_\_\_\_

Any other name under which you were enrolled? \_\_\_\_\_

IF YOU ARE SEEKING A DEGREE FROM SU, WHAT **MAJOR** IS DESIRED?

\_\_\_\_ / \_\_\_\_\_  
 School Major

(IF NO DEGREE IS SOUGHT, FILL OUT BOX TO RIGHT) →

This application does **NOT** constitute registration; for planning purposes, please indicate class(es) for which you wish to register:

Course No. _____	Title _____
Course No. _____	Title _____

IF YOU WERE ENROLLED AT S.U. WITHIN THE LAST YEAR: IF YOU WISH THE SAME MAJOR AND PROGRAM, AND IF YOU HAVE TAKEN NO INTERVENING COURSES AT OTHER UNIVERSITIES, CHECK BOX AT FAR RIGHT AND SKIP TO SIGNATURE.  NO INTERVENING COURSE WORK

**NOTE: IF THIS IS YOUR FIRST APPLICATION FOR GRADUATE DEGREE PROGRAM, DO NOT SKIP.**

ARE YOU NOW ENROLLED Elsewhere? <input type="checkbox"/> Yes <input type="checkbox"/> No	WHAT ARE YOU STUDYING AND WHEN WILL YOU FINISH?					
LIST ALL COLLEGIATE INSTITUTIONS, INCLUDING SEATTLE UNIVERSITY, IN ORDER OF ATTENDANCE						
INSTITUTION	CITY	STATE	DATES ATTENDED FROM TO	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

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**Return to Office of Admissions, Seattle University, Seattle, Washington 98122**

PHONE: (206) 296-5800 Toll Free: Within Washington, 1-800-542-0833 Out-of-State, 1-800-426-7123

Director of  
Summer Sessions  
Seattle University  
Seattle, Washington 98122

