

1988

1988 Bulletin of Information - Summer School

Seattle University

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SUMMER SESSION

BULLETIN OF INFORMATION
June 20 - August 12, 1988

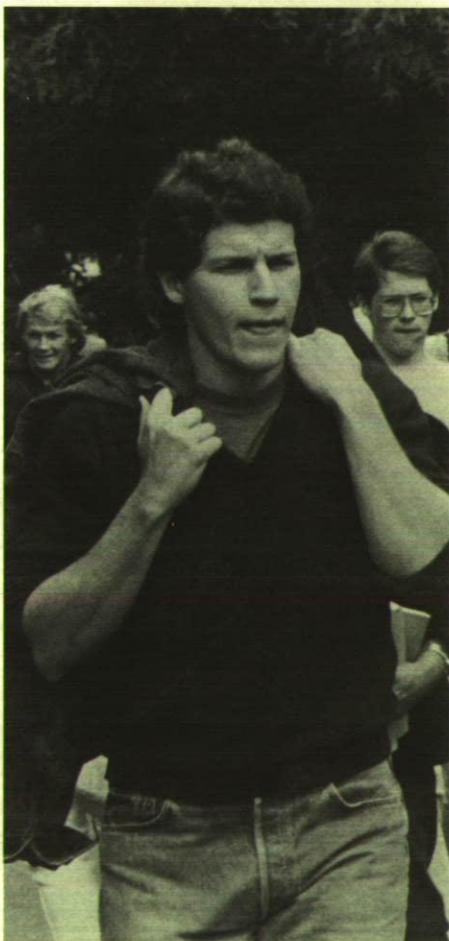
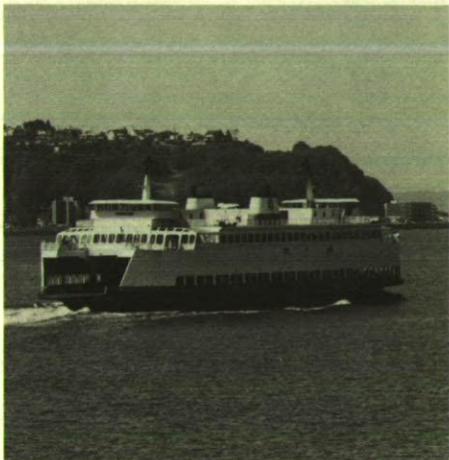


S E A T T L E • U N I V E R S I T Y



SUMMER 1988

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



Where to Call for Detailed Information

Admissions Office	296-5800
Alcohol Studies Office	296-5350
Alumni Office	296-6100
Arts and Sciences, College of	296-5300
Bellarmino 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	296-6230
Matteo Ricci College II	296-5405
Minority Student Services	296-6070
Nursing, Office of	296-5660
Registrar's Office	296-5850
Science and Engineering, School of	296-5500
Student Life	296-6060
Summer School Director	296-5411
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 19, No. 4
Summer 1988

Seattle University
Bulletin of Information ,SPS 487-740
Published Quarterly by Seattle University
Seattle, Washington 98122
Second class postage paid at Seattle, Washington

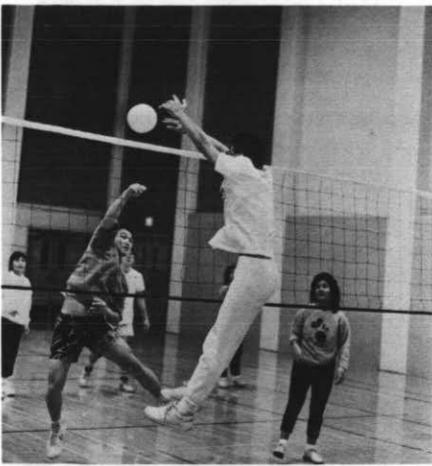
POSTMASTER; Send address changes to Summer School Director, Seattle University, Seattle, WA 98122

An Equal Opportunity Employer

Editor/Jean Merlino

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

ACADEMIC CALENDAR



Advance Registration	April 25-29
Evening hours to 7:00 p.m	April 25,26
Advance Registration Closed	April 30-June 17
Registration Days:	
Full Session and First Term	June 17 & 20
Evening hours to 7:00 p.m	June 20
Second Term	July 18, 19
Other Short Term Courses and Workshops	First two days of class
Classes begin	June 20
Last day to drop with 100% refund	1st day of class
Late Registration:	
Full Sessions and First Term	June 21-24
Add/Drop/Change	June 17-24
Independence Day (no classes)	July 4
Last Day to Withdraw, First Term	July 11
Close of First Term	July 15
Registration, Second Term	July 18,19
Last day to withdraw: Second Term &	
Full Sessions	July 29
Final Examinations:	
First Term	July 15
Seven-Week Full Session	August 4,5
Eight-Week Full Session & Second Term	August 11,12

Summer 1988

7-Week Session	June 20-August 5
8-Week Session	June 20-August 12
First 4-Week Term	June 20-July 15
Second 4-Week Term	July 18-August 12

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, Council on Rehabilitation Education, Committee on Allied Health Education and Accreditation, Accreditation Board for Engineering and Technology, 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 teacher training programs are approved by the State of Washington and qualify its students for teaching certificates and principals' credentials issued by the State Department of Public Instruction. The School of Education, approved by the Washington State Board of Education, offers programs leading to the Bachelor of Arts in Education and the Bachelor of Education degrees and graduate and fifth year programs.

The Graduate School includes Master's programs in business administration, education, psychology, public administration, rehabilitation, religious education and ministry, theological studies, and software engineering. It also includes a Doctoral program in Education.

OF SPECIAL INTEREST



Alcohol Studies

Symposium on Alcoholism, with Special Emphasis on the Family

ALC 400, ED 491, PSY 490; June 20-July 1, Daily, 9:00 a.m.- 4:00 p.m., 3 credits.
The 39th Annual Symposium on Alcoholism at Seattle University will emphasize the role of the family in recovery. 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.

Humanities for Healers

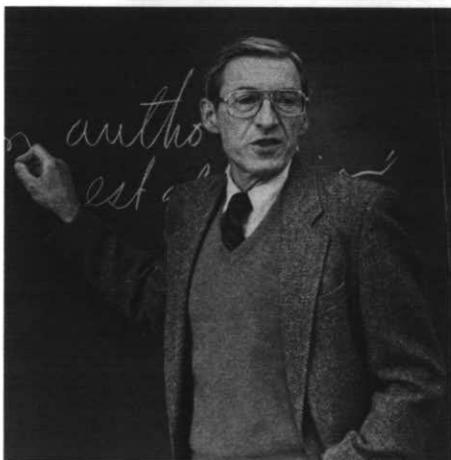
ALC 491 SF01; 8-week, Tuesdays, 7:00-9:30 p.m., 2 credits
The human condition and human potential will be explored in this course through discussion of poetry, prose, drama, music, art and other forms of human expression. Previous participants in this class have reported experiencing major changes in their view of themselves, their world, and their approach to their clients/patients. Permission of Director or instructor.

Addiction and Domestic Violence

ALC 491 SD01; 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 400.

Eating Disorders and Addictions

ALC 491 SG01; 8-week, Thursdays, 7:00-9:30 p.m., 2 credits
Eating disorders (anorexia nervosa and bulimia) may complicate treatment of chemically dependent persons. Topics covered include diagnosis and assessment, case management, family systems dynamics, issues in treatment, modes of therapy, physiological complications, and the recovery process. Prerequisite: ALC 402 or permission of instructor.



Cocaine: Addiction and Treatment

ALC 491 SC01; July 21, Thursday, 8:00 a.m.-6:00 p.m., 1 credit
Cocaine use and addiction, and its effects on the family of the addict, may present peculiar problems in addiction treatment. This course will provide an overview of cocaine addiction and treatment: types of use, physical/emotional/social effects, effects on family, treatment of patient and family, and overview of treatments. Prerequisite: ALC 402 or permission.

Grief and Loss

ALC 491 SB01; July 18-July 29, Daily, 4:00-5:50 p.m., 2 credits
Grief and loss are major issues in the recovery from alcoholism and other drug addictions. This course will provide participants with a grief work model and experience using the model to help patients deal with the losses in their lives. Class size will be kept small so participants can experience an atmosphere of trust and sharing in which to do their own self-work as a model for working with others and for their own personal growth. Prerequisite: ALC 402.

Biology

Biotechnology, Theory and Principles

BL 491 SA01; July 11-August 5, Daily, 9:30-12:00 a.m., 3 credits
A lecture series designed to introduce students to recent advances in the life sciences. The sciences collectively known as "biotechnology" include the disciplines of recombinant DNA technology, microbiology, biochemistry, cell biology, and immunology. The series will begin with important background information and knowledge on the structure of DNA and RNA, Replication, Transcription, and Translation. Subsequent lectures will treat Proteins, Protein Synthesis, Enzymes, Cloning, and DNA Sequencing. Guest lecture presentations will range over such topics and issues relevant to biotechnology as Separation and Probe Technologies, Restriction Enzyme Technologies, Hybridomas, Oncogenes, AIDS, and Bioethical Issues. A background in Chemistry and Biology is required for entrance into this course.



OF SPECIAL INTEREST



Summer School Opportunity Program

Students admitted to the Summer Opportunity Program, a special program offered to Fall freshman applicants who do not meet the regular admission standards, will be required to take University 101. University 101 is an innovative course designed to enrich your educational experience and provide an orientation to university resources. It will be offered through the Seattle University Learning Center. The course will be offered as a non-credit course but you will be expected to attend the course and successfully complete the coursework. It will be offered in conjunction with your required math and English course. The course will be the equivalent of one credit and you will be charged accordingly. Successful completion of this program will result in admission to the University on a probationary basis.



Computer Science

Modula2 Via Pascal

CSC 291 01; 7-week, Daily, 10:30-11:40 a.m., 5 credits

This will be a second level programming course introducing the Modula2 language, using an approach which contrasts Modula2 and Pascal. Since Modula2 will become a principal language for computer science classes beginning Fall 1988, this course will be acceptable as a substitute for CSC 170.

Unix and C Programming

CSC 491 SA01; 7-week, Daily, 9:10-10:20 a.m., 5 credits

Programming in the C Language within a UNIX operating system environment. Both the C Language and the use of UNIX facilities will be discussed. C and UNIX continue to grow in popularity of use in scientific/technical computing environments.

Drama

Video Profiles

DR 230 SA01; Second, Daily, 8:00-10:00 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 appearance.

Education

Japan and the West

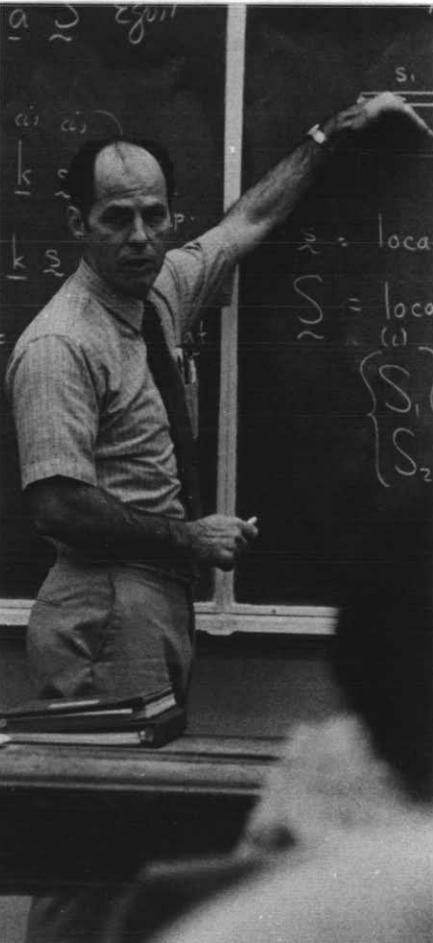
ED 491 SP01, 8-week, MW, 9:10-10:20 a.m., 5 credits

An interdisciplinary study of the Japanese culture, its values, habits of thought, and fundamental assumptions about reality as seen in its cultural products, including language and literature, fine arts, pop culture, business structures, and social institutions. Guest lecturers, Japanese and American. Of interest to anyone wanting to learn about the Japanese culture, or anyone planning to deal directly with Japanese people or institutions. Also offered under EN 391 SD01 and BUS 391 SA01.

Introduction to Gifted Education

ED 450 01, June 20-July 1, Daily, 1:10-3:50 p.m., 3 credits

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.





OF SPECIAL INTEREST

Gifted Education: Science

ED 452 01, July 18-July 29, Daily, 7:50-10:20 a.m., 3 credits

Rationale for and methods of science instruction for gifted students. Emphasis will be placed on the implications of Piaget in cognitive development for curriculum design.

Gifted Education: Methods for Exceptionality

EDCI 533 01; July 5-16, Daily, 1:10-3:50 p.m., 3 credits

Teaching strategies for teachers of gifted children. Prerequisite: ED 450 and EDCI 554.

Addiction in the Schools

ED 491 SLO1; July 5-July 8, TWThF, 12:00-5:00 p.m., 2 credits

This course will focus on addiction problems in young people, as well as 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 will also be addressed. Emphasis will be on middle and high school.

Foreign Languages

French and Spanish Intensives

FR 115, 125, 135; SP 115, 125, 135; 8-week, Daily, 8:00-11:30 a.m., 15 credits.

The Department of Foreign Languages features small, intensive French and Spanish language courses in the summer. The relaxed atmosphere allows for more individual attention and personal contact between teacher and students. Participants will earn 15 credits in foreign languages, thereby completing the equivalent of the first-year foreign language program. Students desiring to continue their foreign language study may do so Fall Quarter in FR 215 or SP 215.

General Science

Evolution: Development of a Theory

ISC 110 01; 8-week, daily, 10:30-11:30 a.m., 5 credits

Basic statements and ideas of evolutionary theories from an interdisciplinary perspective. Includes an historical perspective, consideration of modern debates, and a discussion of paradigms of change.

Psychology

Individual and Society

PSY 492 01; 7-week, Daily, 10:30-11:40 a.m., 5 credits

How the individual shapes the society by using and abusing the various institutions, and how society, in turn, shapes the individual, especially during the growing-up years. The psychological nature of the cancerous individualism and egoism of modern American society, and how the emphasis on competitive "fair play" over cooperative "fair share," has led to the breakdown of many of our institutions.

Public Administration

Operations Analysis Using Computers

PUB 593 01, 8-week, Thursdays, 5:30-8:30 p.m., 3 credits

A special graduate course designed to help operating managers and professionals to make the most effective use of their organization's personal and mainframe computer resources in program planning, budgeting, quality control and resource allocation.





O OF SPECIAL INTEREST

History

Western Spirituality: Heretics, Mystics, Monks

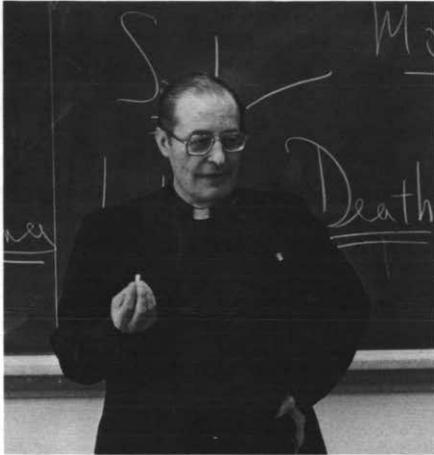
HS 392, RS 493, ED 391; July 18-August 5, MWF, 1:10-3:00 p.m., 3 credits

An historical survey which explores the various spiritual movements from the early church to the 16th century, with special attention to their contributions to Catholic and Protestant traditions.

Biography as History

HS 393 01; 7-week, daily, 10:30-11:40 a.m., 5 credits

An introduction to the problems of biography as history, the interrelationship between the individual and the historic milieu, the role of the individual in shaping events and of events shaping the individual.



Non-Credit Programs for all ages

For information on the Continuing Education Program 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, not for academic credit though they may qualify for Continuing Education Units. To be placed on the mailing list for future catalogs, contact the Office.

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 22. 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

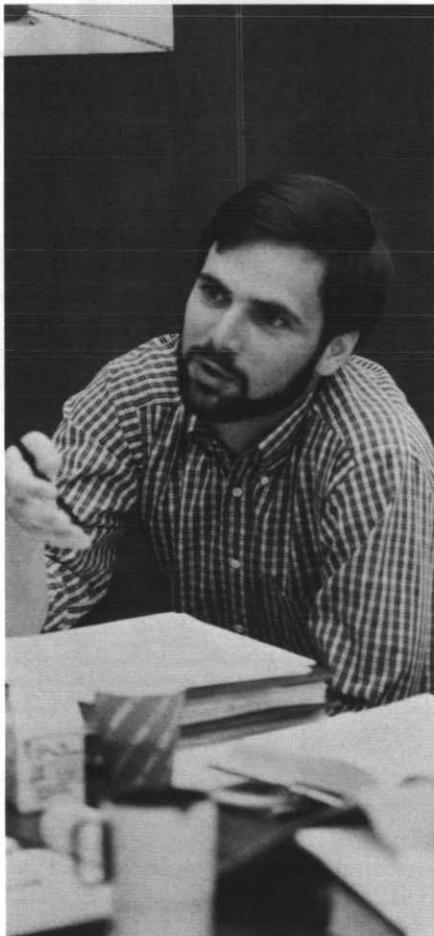
If you can read this, you can help. Seattle University's Adult Literacy Project uses volunteer tutors in one-to-one sessions twice a week. Anyone who can read can teach someone else to read, using materials and learning centers located throughout our area. It is possible for "graduates" of this method, 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 Olivia at the Office of Continuing Education, 296-5917.

Seattle University Alumni Audit

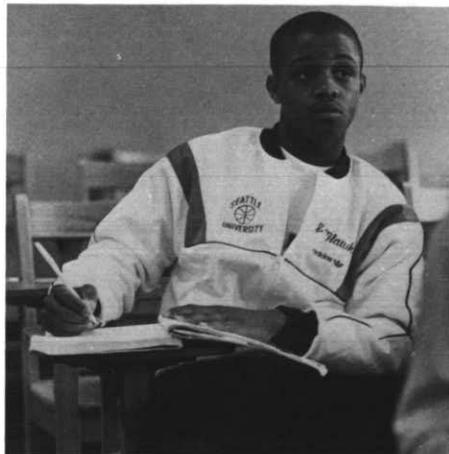
Undergraduate classes are open for non-academic audit to Seattle University alumni at \$35 per class. The following restrictions apply: 1) student may not be currently enrolled as a regular student at Seattle University; 2) no credit will be given nor academic record maintained; 3) classes offered for 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 25, 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, WA98122, 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 students and obtain regular academic credit during the Summer Quarter must make formal application to the University. Application forms may be obtained from the Admissions Office or you may use the form at the back of this Bulletin. Applications and transcripts must be on file by May 20.

Readmission—Former students not enrolled at the University for the Spring Quarter must apply for readmission if they wish to attend the Summer Quarter. Graduates 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 June 16.

Registration—Two registration options are offered: advance registration April 25-29, or registration immediately preceding the session/term. (See registration dates on page 3). These registration options are 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 mail confirmation of approval to register.

Auditor—Admission as an auditor must be requested through the Admissions Office and be 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 holding status of "graduate student": (Level=G1 or G3) which indicates full admission to the Graduate School to pursue a Master's or Doctoral Program. Students holding 5th year status (Level=5Y) 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 in 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.

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

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 the Registrar.

REGISTRATION



Advance Registration — April 25-29

Continuing students do not require clearance for advance registration: the procedure is simply to prepare a program of study approved by an adviser during the April 25-29 period, and to present the signed form at the Registrar's Office during regular office hours. A fee statement will be mailed after the close of advance registration.

New and readmitted students who obtain mail notification approval to register before April 22 will follow the same procedures as continuing students:

- a) Consult with department adviser and prepare a program of study on schedule form. Advisers will be available during registration hours.
- b) Present the approved schedule form at the Registrar's Office during regular hours, 8:30 a.m. to 4:00 p.m. through April 29 and until 7:00 p.m. the evenings of April 25 and 26. You will be registered at the Registrar's office.
- c) Pay tuition and fees to the Controller during regular office hours, or by mail through June 20.

Registration

Continuing, new, and readmitted students who do not advance register may register on June 17 and June 20 by presenting an adviser-approved schedule form to the Registrar during regular office hours, or from 4:00 to 7:00 p.m. on June 20. Those who do not register by 4:00 p.m. on Friday, June 17, may register the first day of class (June 20). New and readmitted students register between 8:30 a.m. and 12:00 noon; continuing students will register between 2:00 and 7:00 p.m.

Course Changes—Additions and drops for full and first term courses are permitted June 17 to June 24. No program changes may occur after June 24. Drops and additions for short term classes are permitted only for the first two class days of these classes.

Withdrawal—The Registrar's Office must be officially notified when a student withdraws from one or more of his/her courses. See the calendar for withdrawal closing dates for full and short term courses. After closing dates no withdrawals are permitted, and a grade of E or NC will be assigned.

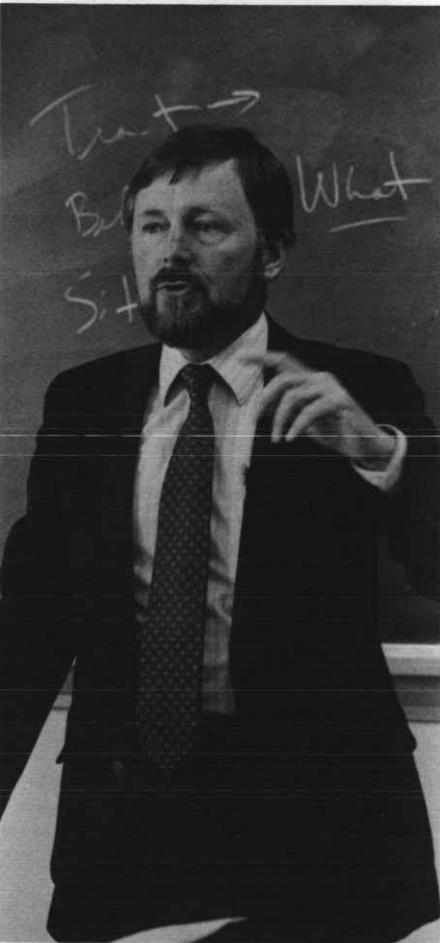
Grades—Grade reports and transcripts are issued only once at the conclusion of the entire summer term. Grades will be mailed to all students within two weeks of the end of Summer Quarter.

Library Hours

Summer library hours for the A.A. Lemieux Library will be from 8:00 a.m. to 10:30 p.m. Monday through Thursday; Friday from 8:00 a.m. to 5:00 p.m.; Saturday from noon to 8:00 p.m.; and Sunday from 1:00 to 10:30 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 25 through April 29 may either pick up their statements in person or may receive them in the mail after May 31. Students registering (or add/drop) after April 29 are expected to pick up their statement the same day at the Controller's Office.

Payment of tuition and fees includes library and health service fees, and student activities. International students will automatically be charged insurance. An insurance waiver can be obtained from the International Student Center upon proof of insurance coverage. After a student registers for a course, the University 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 20, 1988, 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 one time handling fee of \$40 and 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 according to the session you are attending (see Policy-Tuition Payment for more detail). Late fees will apply to all checks not honored by banks and returned to Seattle University.

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

Undergraduate courses

— per credit hour \$166.00

Undergraduate Education Courses

— per credit hour 120.00

Masters Programs — per credit hour

Business 212.00

Education 120.00

ITS (Corpus) 166.00

ITSS (SUMORE) 120.00

Psychology 180.00

Public Administration .. 180.00

Rehabilitation 166.00

Software Engineering... 212.00

Educational Specialist Programs —

per credit hour 120.00

Doctoral Program —

per credit hour 200.00

Certificate Programs —

per credit hour

Alcohol/Drug Studies ... 145.00

Applied Sociology \$166.00

Health Information 166.00

Rehabilitation 166.00

Audit (undergraduate courses only)

per credit hour 53.00

Occasional Fees (non-refundable)

Application, undergraduate and

graduate 15.00

Application, transitional

students 15.00

Late registration

(see above)

Matriculation, undergraduate

and graduate 50.00

Credit by examination ... 50.00

Validation of field experience

(per credit hour) 50.00

Removal of incomplete

(per course) 20.00

Graduation, undergraduate

(per degree) 50.00



FINANCIAL INFORMATION



Graduation, graduate
(per degree) \$70.00

Certificate fee \$35.00
Vocal or instrumental lessons
(per credit hour) \$166.00

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 1987-88 Seattle University Bulletin of Information.

Refunds

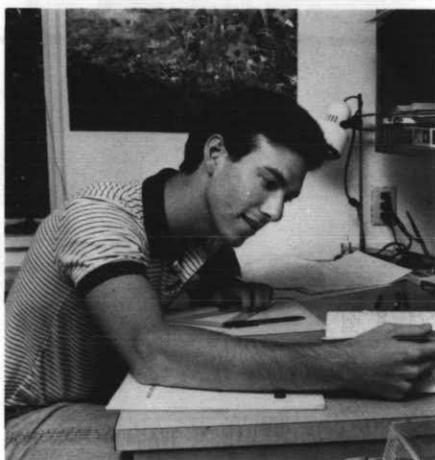
Refunds are based on the number of class days, defined as consecutive Mondays through Fridays, beginning the first day of class for each session. The refund policy applies to complete withdrawals or reduction in class load. The official date of withdrawal from a course is considered to be the date a 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	75%
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 Guaranteed Student Loan approximately eight weeks prior to registration to insure the availability of funds when tuition is due on registration day. The GSL requires an FAF as well as a separate application. The FAF (Financial Aid Form) must be processed by the College Scholarship Service.

Students who have established Work-Study eligibility for the preceding academic year may continue to utilize that eligibility through June 30, 1988. Students who have Work-Study eligibility for 1988-89 academic year are eligible for Work-Study jobs during the summer.

The Career Development Center maintains a listing of both on and offcampus 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

Bellarmine Hall will be open for single student housing during all summer sessions. The hall will be open on June 19 at 9 a.m. and will close on August 13 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. Three meal plans are offered with all meals served in the Marketplace in Bellarmine Hall. Meals begin with breakfast on June 20, and end with dinner on August 12th. 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 15. 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 no later than 24 hours after their last final exam.

Room and Board Rates

First Term: June 20-July 15	\$474.00
Second Term: July 18-August 12	\$474.00
Full 7-Week Session: June 20-August 5	\$826.00
Full 8-Week Session: June 20-August 12	\$947.00

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. The permits are then issued by the Safety and Security Services Office which is located in the same building. **However, on June 19 and 22nd, between the hours of 8 a.m. and 4:30 p.m., permits may be purchased at the point of issue.** Disabled parking spaces are available in most parking areas. A Seattle University 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.



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 20 to August 5.

Eight-week classes are scheduled for 60-minute blocks and extend from June 20 August 12.

The first 4-week term will extend from June 20 July 15.

The second 4-week term will extend from July 18 August 12.

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

Alcohol Studies

Short Courses

ALC 400 01	Symposium on Alcoholism (3) June 20-July 1, Daily, 9:00 a.m.-4:00 p.m.	Roise/Royce P 401
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Survey on alcoholism with special emphasis on the family. Alcoholism: nature, causes, diagnosis, prevention, and recovery. Codependency, ACoAs, and other effects on family. Also offered under PSY 490 and ED 491 SK01. Register for course #A0000

ALC 491 SA01	Addiction in the Schools (2) July 5-8, TWThF, 12:00-5:00 p.m.	Kosterman P 401
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Addiction problems in young people. Emotional, developmental and educational problems in young people from alcoholic or other drugaffected families. How educators can become aware of, help and assist in preventing these problems. Emphasis on middle and high schools. Also offered under ED 491 SL01. Register for course #A0001

ALC 491 SB01	Grief and Loss (2) July 18-29, Daily, 4:00-5:50 p.m.	Madsen-Sundquist P 451
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Helping patients deal with loss. Grief work model and use of the model in the addiction field. Class size will be kept small so participants can experience an atmosphere of trust and sharing in which to do their own self-work as a model for working with others and for their own personal growth. Prerequisite: ALC 400 & 402 or permission of Director. Register for course #A0002

ALC 491 SC01	Cocaine: Addiction & Treatment (1) July 21, 8 a.m.-6 p.m. (one day)	Baldwin/Roise P 401
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Cocaine addiction and treatment: types of use; physical, emotional and social effects; effects on the family; treatment of patient and family. Overview of treatments. Register for course #A0003

ALC 491 SE01	Dual Diagnosis: Addiction and Mental Illness (2) July 5-8, TWThF, 9 a.m.-4 p.m.	Fields P 405
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Introduction to the dual diagnosis patient: when psychiatric disorders coexist with chemical dependency. Prerequisite: ALC 400 & 402, or permission of Director. Register for course #A0004

Eight-Week Courses

ALC 401 01	Pharmacology & Physiology of Alcohol Use(2) 8-week, Monday, 7-9:30 p.m.	Schnell P 401
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Absorption, distribution, excretion, and metabolism. Behavioral effects and chronic organ damage. Prerequisite: ALC 400 or permission of Director. Register for course #A0005

ALC 402 01	Counseling Principles and Techniques (4) 8-week, MW, 4-6:30 p.m.	Dickman P 405
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Patient/counselor relationship. Legal and ethical responsibilities. Directive vs. nondirective. Role-playing & videotaping. Prerequisite: ALC 400. Register for course #A0006

ALC 402 02	Counseling Principles and Techniques (4) 8-week, TTh, 7-9:30 p.m.	Minton P 405
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See description above. Register for course #A0007

ALC 405 01	Law and Alcohol (2) 8-week, Tuesday, 7-9:30 p.m.	Bond P 401
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Legal implications and consequences of alcohol-related offenses. Uniform Act. Deferred prosecution. Courts and jurisdictions. Prerequisite:ALC 400. Register for course #A0008

ALC 407 01	Field Experience 1 (3) 8-week, Arranged.	Bury Arr
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Supervised work in an approved alcoholism treatment facility. Oral and written reports. Prerequisite: ALC 400. Register for course #A0009

ALC 408 01	Field Experience 2 (3) 8-week, Arranged	Bury Arr
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Supervised work in an approved drug treatment facility. Oral and written reports. Prerequisite: ALC 400, 402. Register for course #A0010

ALC 412 01	Group Dynamics for Addiction Counselors (2) 8-week, Thursday, 7-9:30 p.m.	Dickman P 401
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Role playing as a means to development of self-awareness; dynamics of group interaction: introduction to psychodrama. Applications to treatment of addictions. Prerequisite: ALC 402, 407. Register for course #A0011

ALC 414 01	Case Management and Assessment (2) 8-week, Monday, 7-9:30 p.m.	Thompson P 405
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Intake interview techniques, client evaluation, casewriting, presentence report writing, record-keeping and confidentiality. Prerequisite: ALC 402. Register for course #A0012

ALC 418 01	Addiction and the Family (2) 8-week, Wednesday, 7-9:30 p.m.	Roise P 401
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Alcohol-related problems in the family, including alcoholic spouse, children, significant others. Individual and group counseling. Prerequisite: ALC 402. Register for course #A0013

ALC 424 01	Drug Abuse I: Social Aspects (2) 8-week, Wednesday, 7-9:30 p.m.	Schnell P 405
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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. Register for course #A0014

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
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ALC 421 B
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E } Indivd Project
ALC 425 Drug Abuse

ALC 491 SD01	Addiction and Domestic Violence (2) 8-week, Wednesday, 7-9:30 p.m.	Forbes P 451
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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. Prerequisite: ALC 400 or permission of Director. Register for course #A0015

ALC 491 SF01	Humanities for Healers (2) 8-week, Tuesday, 7-9:30 p.m.	Schnell/Monda P 451
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The human condition and human potential will be explored through discussion of poetry, prose, drama, music, art, and other forms of human expression. Register for course #A0016

ALC 491 SG01	Eating Disorders and Addiction (2) 8-week, Thursday, 7-9:30 p.m.	Roise P 405
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Eating disorders may complicate treatment of chemically dependent persons. Topics covered: diagnosis and assessment, case management, family systems dynamics, issues in treatment, modes of therapy, physiological complications, and recovery process. Prerequisite: ALC 400 & 402, or permission of Director. Register for course #A0017

Allied Health

AH 396 50	Cytotechnology Internship (0) Arranged.	Hammond NOC
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Request course number from Registrar's Office at time of registration.

AH 440 01	Basic Science Nuclear Medicine I (5) Arranged.	Mentors Arr
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Nuclear Medicine internship co-requisite. Register for course #A0019

AH 447 01	Clinical Nuclear Medicine I (1) Arranged.	Mentors NOC
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Nuclear Medicine internship. Register for course #A0020

AH450 01	Applied Nuclear Medicine Technology I (5) Arranged.	Mentors Arr
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Nuclear Medicine internship. Register for course #A0021

AH 456 01	Nuclear Medicine Seminar I (1) Arranged.	Mentors Arr
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Nuclear Medicine internship co-requisite. Register for course #A0022

AH 473 01	Clinical Orientation to Ultrasound (10) Arranged.	Mentors NOC
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Clinical Ultrasound internship. Register for course #A0023

AH 474 01	Clinical Experience in Ultrasound (8) Arranged.	Mentors NOC
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Clinical Ultrasound internship. Register for course #A0024

AH 483 01	Ultrasound Seminar (2) 8-week. Arranged.	Skelly LL 108
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Clinical Ultrasound internship. Register for course #A0018

AH 484 01	Basic Science of Ultrasound (2) Arranged.	Skelly NOC
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Clinical Ultrasound internship. Register for course #A0025

Biology

BL 491 SA01	Biotechnology, Theory and Principles (3) July 11-August 5, Daily, 9:30-12:00 a.m.	Trowbridge BA 502
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This course is designed to introduce students to the major advances in the life sciences which have occurred during the last decade. The sciences collectively known as "biotechnology" include the disciplines of recombinant DNA technology, microbiology, biochemistry, cell biology, and immunology. The lecture series focuses initially on providing important background information and knowledge on the structure of DNA and RNA, Replication, Transcription, and Translation. Subsequent lectures include topics on Proteins, Protein Synthesis, Enzymes, Cloning, and DNA Sequencing. Guest lecture presentations cover a wide range of topics and issues relevant to biotechnology such as Separation and Probe Technologies, Restriction Enzyme Technologies, Hybridomas, Oncogenes, AIDS, and Bioethical Issues. A background in Chemistry and Biology is required for entrance into this course. Register for course #A0251.

Business

BUS 230 01	Principles of Accounting I (Financial) (5) 8-week, MW, 11:50 a.m.- 2:20 p.m.	Ziebell P 351 Bus Core
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Introduction to financial accounting concepts with emphasis on the development and interpretation of financial statements. Prerequisite: Sophomore standing. Register for course #A0026

BUS 231 01	Principles of Accounting II (Managerial) (5) 8-week, MW, 11:50 a.m.- 2:20 p.m.	Tinius P 353 Bus Core
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Introduction to the use of accounting information for decision-making in planning and controlling the operation of businesses. Prerequisite: Sophomore standing and BUS 230. Register for course #A0027

BUS 260 01	Business Statistics (5) 8-week, TTh, 5:35-7:55 p.m.	Staff P 302 Bus Core
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Business application of basic statistics, probability distributions, expectation, sampling, estimation, hypothesis testing, index numbers, time series analysis. Prerequisite: MT 130, Sophomore standing. Register for course #A0028

BUS 270 01	Law and Business (5) 8-week, Daily, 7:50-9:00 a.m.	Staff P 302 Bus Core
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Nature and development of the law, structure and functions of the court civil and criminal procedure, role of attorneys and introduction to the law of contracts. Prerequisite: Sophomore standing. Register for course #A0029

BUS 310 01	Computer-based Management Information Systems (5) Second, Daily, 1:10-4:10 p.m.	Staff P 304 Bus Core
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Examination of background management elements related to data processing systems. Planning and design of information flows and business systems. Prerequisite: CSC 103 or 113 or 114, Junior standing. Register for course #A0030

BUS 330 01	Cost Accounting (5) 8-week, MW, 7:50-10:20 a.m.	Ziebell P 351
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Determination of manufacturing costs in job order, process and standard cost systems; introduction to methods of cost control. Prerequisite: BUS 231, Junior standing. Register for course #A0031

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
BUS 333 01	Intermediate Accounting II (5) 8-week, MW, 11:50 a.m.-2:20 p.m.	Staff P 451
	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. Register for course #A0032	
BUS 334 01	Intermediate Accounting III (5) 8-week, MW, 5:35-7:55 p.m.	Staff P 351
	Study of advanced topics in accounting theory and practice with emphasis on financial reporting. Prerequisite: BUS 333 and Junior standing. Register for course #A0033	
BUS 340 01	Business Finance (5) 8-week, Daily, 7:50-9:00 a.m.	Staff P 304 Bus Core
	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. Register for course #A0034	
BUS 350 01	Introduction to Marketing (5) 8-week, MW, 10:30 a.m.-1:00 p.m.	Staff P 302 Bus Core
	Survey of institutions and essential functions of the marketing system; analysis of marketing mix, product, place, price strategies. Prerequisite: Junior standing. Register for course #A0035	
BUS 360 01	Production and Operations Management (5) First, Daily, 1:10-4:10 p.m.	Staff P 304 Bus Core
	Survey of the system analysis design and operating techniques for manufacturing and service organizations. Prerequisite: BUS 260, CSC 103, 113, or 114. Register for course #A0036	
BUS 380 01	Organization Behavior (5) 8-week, TTh, 10:30 a.m.-1:00 p.m.	Staff P 304 Bus Core
	Develop understanding of organizational behavior with focus on basic processes, methods involved in diagnosing human situations. Prerequisite: Junior standing. Register for course #A0037	
BUS 391 01	Japan and the West (5) 7-week, Daily, 9:10-10:20 a.m.	Taylor P 302
	An interdisciplinary study of the Japanese culture, its values, habits of thought and fundamental assumptions about reality as seen in its cultural products, including language, fine arts, pop culture, business structures, and institutions. Of interest to anyone wanting to learn about the Japanese culture, or anyone planning to deal directly with Japanese people or institutions. Also offered under EN 391 and ED 491. Register for course #A0038	
BUS 482 01	Business Policy and Organization (5) 8-week, T-Th, 5:35-7:55 p.m.	Staff P 353 Bus Core
	Case studies of policy and administration of business; original work in analysis and policy decisions. Prerequisite: all business core courses and Senior standing. Register for course #A0039	
BUS 496 50	Independent Study (1-5) Arranged.	Staff Arr
	Independent study under the supervision of a faculty member. Prerequisite: Permission of Instructor, Dean, and Advisor. Request course number from Registrar's Office at time of registration.	

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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BUS 498 50	Internship (1-5) Arranged	Staff Arr
	Gives students significant experience directly related to their professional goals. Students get opportunity to explore career interests in a real-world setting. Request course number from Registrar's Office at time of registration.	

Business Graduate Courses

BMBA 502 01	Legal Environment (3) 8-week, TTh, 7:15-8:45 p.m.	Staff P 304
	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. Register for course #A0040	
BMBA 505 01	Marketing Processes (3) 8-week, MW, 7:15-8:45 p.m.	Staff P 304
	Introduction to marketing and its functions. Examination of contemporary problems and issues in marketing of goods and services. Register for course #A0041	
BMBA 507 01	Economic Analysis (3) 8-week, TTh, 5:35-7:00 p.m.	Staff P 304
	Functioning of a mixed marketing economy. Determinants of aggregate levels of income, employment, and prices. Forecasting and policy analysis; international aspects. Register for course #A0042	
BMBA 508 01	Organization Behavior (3) 8-week, MW, 5:35-7:00 p.m.	Staff P 304
	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. Register for course #A0043	
BMBA 510 01	Management Science (3) 8-week, TTh, 5:35-7:00 p.m.	Staff P 305
	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. Register for course #A0044	
BMBA 520 01	Business Responsibilities/Ethics (3) 8-week, Tuesday, 7:15-10:00 p.m.	Staff P 306
	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. Register for course #A0045	
BMBA 530 01	Managerial Accounting (3) 8-week, MW, 7:15-8:45 p.m.	Tinius P 353
	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. Register for course #A0046	
BMBA 546 01	Finance for International Business (3) 8-week, TTh, 7:15-8:45 p.m.	Staff P 305
	Reviews theoretical concepts, practical techniques, institutions and issues related to the management of financial aspects of international business. Topics such as balance of payments, exchange rates, trade finance, instruments, funds flow mechanisms; foreign investment. Prerequisite: BMBA 507, 540. Register for course #A0047	

CLASSES

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

BMBA 550 01 **Domestic and International Marketing (3)** **Staff P 305**
8-week, MW, 5:35-7:00 p.m.

Managerial approach to the study of various policy areas in marketing through the use of case studies. Prerequisite: BMBA 505. Register for course #A0048

BMBA 560 01 **Management Information Systems (3)** **Staff P 306**
Second, MW, 5:35-7:00 p.m., and Saturdays, 9:30 a.m.-12:00 p.m.

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: proficiency from BUS 500. Register for course #A0049

BMBA 562 01 **Advanced Topics: Quality Control (3)** **Staff P 306**
First, TTh, 5:35-7:00 p.m. and Saturdays, 9:30 a.m.-12:00 p.m.

This course provides a fundamental, yet comprehensive coverage of quality control principles and procedures pertinent to the quality of output of a given manufacturing process, and research on quality problems. While the quality control concept is associated primarily with industries and manufactured products, the application of quality control techniques in service industries is discussed and considered. Prerequisite: BMBA 510, 506. Register for course #A0050

BMBA 563 01 **Intermediate Statistical Analysis (3)** **Staff P 351**
8-week, TTh, 7:15-8:45 p.m.

Fundamentals of sampling, analysis of variance, non-parametric methods, multivariate and non-linear regression, models, advanced time series analysis. Prerequisite: BMBA 501. Register for course #A0051

BMBA 566 01 **Forecasting Business Conditions (3)** **Staff P 353**
8-week, MW, 5:35-7:00 p.m.

Focus is on techniques of forecasting appropriate at the firm and industry levels. Judgmental projections and model building are emphasized. Register for course #A0052

BMBA 570 01 **Managerial Economics (3)** **Staff P 305**
8-week, MW, 7:15-8:45 p.m.

Theory of the consumer, the firm, and the industry, with emphasis on applications to business decision-making. Register for course #A0053

BMBA 577 01 **Industrial Organization (3)** **Staff P 351**
8-week TTh, 5:35-7:00 p.m.

Covers market structure of U.S. business and the effects different market structures have on pricing, marketing innovation and profit seeking. Register for course #A0054

BMBA 585 01 **Management of Change (3)** **D. Mills P 352**
Fridays, 7/29-8/5-8/12, 5:30-9:00 p.m. Saturdays, 7/30-8/6-8/13, 9:00 a.m.-1:00 p.m.

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. Register for course #A0055

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

BMBA 586 01 **Entrepreneurship and Business Management (3)** **Staff P 306**
8-week, W, 7:15-10:00 p.m.

Procedures and problems in starting and operating a successful small business enterprise. Prerequisite: all Business Core. Register for course #A0056

BMBA 592 01 **Consumer Behavior (3)** **Staff P 354**
8-week, MW, 5:35-7:00 p.m.

Application of behavioral science to explore consumer decision-making processes. Characteristics of goods, shopper behavior, opinion leadership, market segmentation. Register for course #A0057

BMBA 595 01 **Business Policy (3)** **Staff P 306**
8-week, M, 7:15-10:00 p.m.

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: management core. Register for course #A0058

BMBA 596 50 **Independent Study (1-3)** **Staff Arr**
Arranged.

Prerequisite: Permission of Instructor and Dean. Request course number from Registrar's Office at time of registration.

BMBA 598 50 **Internship (1-3)** **Staff Arr**
Arranged.

Gives students opportunities to explore their career interests in business settings. Request course number from Registrar's Office at time of registration.

BMBA 599 01 **MBA Research Paper (3)** **Staff Arr**
Arranged.

Final requirement for those MBA students choosing the MBA Research Paper option. Register for course #A0059

Chemistry

CH 123 01 **General Chemistry 3 (4)** **Staff**
8-week, Daily, 10:30-11:30 a.m. BA 502

Third quarter of general chemistry dealing with ionic equilibria, oxidation-reduction and electrochemistry, transition metal and nuclear chemistry and descriptive chemistry. Prerequisite: CH 122. Corequisite: CH 133. Register for course #A0060.

CH133 01 **General Chemistry Lab 3(1)** **Staff**
8-week, Tuesday, 1:10-5:10 p.m. BA 502

Introduction to qualitative and quantitative chemical analysis. Prerequisite: CH 132. Corequisite: CH 123. Register for course #A0256.

CH 241 01 **Organic Chemistry 1 (4)** **Meany BA 501**
First, Daily, 9:20-11:30 a.m.

Beginning organic chemistry for chemistry and biology majors and premed students. Prerequisite: CH 123 and 133. Register for course #A0061

CH 242 01 **Organic Chemistry 2 (4)** **Meany BA 501**
Second, Daily, 9:20-11:30 a.m.

Continuation of CH 241. Prerequisite: CH 241 and 251. Register for course #A0062

CH 251 01 **Organic Chemistry Lab 1 (2)** **Raymond BA 501**
First, TTh, 1:10-5:10 p.m.

Laboratory for CH 241. Corequisite: CH 241. Register for course #A0063

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
CH 252 01	Organic Chemistry Lab 2 (2) Second, TTh, 1:10-5:10 p.m.	Raymond BA 501
Laboratory for CH 242. Corequisite: CH 242. Prerequisite: CH 251. Register for course #A0064		

CH 499 50	Undergraduate Research (1-6) Arranged.	Staff Arr
Permission of Chair. Request course number from Registrar's Office at time of registration.		

Computer Science

CSC 103 01	Introduction to Computers and Applications (5) 8-week, Daily, 10:30-11:30 a.m.	Richter ENGR 304
An introduction to the use of microcomputers in typical applications such as word-processing, spreadsheets, and databases. No prior experience with computers is assumed or required. Includes an overview of computer concepts and extensive hands-on experience. Register for course #A0065		

CSC 103 02	Introduction to Computers and Applications (5) 8-week, MW, 6:00-8:30 p.m.	Richter ENGR 304
See description above. Register for course #A0066		

CSC 230 01	FORTTRAN for Engineers (3) 8-week, MTTh, 10:30-11:30 a.m.	Gehlen ENGR 305
FORTTRAN 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. Register for course #A0067		

CSC 291 01	Modula2 Via PASCAL (5) 7-week, Daily, 10:30-11:40 a.m.	Spector ENGR 311
Programming in the Modula-2 language, with special attention to the differences from PASCAL. Emphasis will be placed on good program structuring in an object-oriented style, using modules. Starting Fall 1988, a number of CSC courses will be taught using Modula-2. This course may be substituted for CSC 170. Prerequisite: CSC 113 or 114 or programming experience in one language. Register for course #A0068		

CSC 491 01	UNIX and C Programming (5) 7-week, Daily, 9:10-10:20 a.m.	Spector ENGR 304
Programming in the C language under the UNIX operating system. A major topic will be the use of UNIX operating system functions in C programs. The elements of shell programming will also be covered. Prerequisite: CSC 170 or permission of instructor. Register for course #A0069		

Criminal Justice Program

CJP 215 01	Career Women in Criminal Justice (5) 8-week, TTh, 7:00-9:00 p.m.	Paradis ADM 202
A study of the varied opportunities for American women to develop careers in the professions of law, its enforcement, and corrections. Profiles of distinguished women who have excelled in these roles will be offered for discussion. Register for course #A0070		

Course/Section	Description/Credit Session/Time	Instructor Building/Room
CJP 458 01	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. Register for course #A0071		

CJP 459 01	Field Experience II (5) Arranged.	Kastama Arr
See description above. Register for course #A0072		

CJP 497 50	Independent Study (1-5) Arranged.	Kelliher Arr
Research project using the principles of social science methodology. Prerequisite: permission of Chair. Request course number from Registrar's Office at time of registration.		

Economics

EC 271 01	Principles of Economics: Macro (5) 8-week, TTh, 11:50 a.m.-2:20 p.m.	Staff 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. Register for course #A0073		

Education:

One-Week Courses (meet daily)

ED 491 SD01	Instructional Theory into Practice (ITIP) (3) August 15-19, 8:00 a.m.-3:00 p.m.	McGuire P 551
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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. Register for course #A0074. (Reduced tuition \$150)

ED 491 SC01	Beginning Instructional Theory into Practice (ITIP) (3) June 13-17, 8:00 a.m.-3:00 p.m.	Perri P 401
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See description above. Register for course #A0075. (Reduced tuition \$150)

ED 491 SJ01	Peace-ing It Together (3) July 25-29, 8:00 a.m.-3:00 p.m.	Fellers P 551
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This course will emphasize the theory and practice of elementary and secondary peace education programs, including peace and justice issues. Register for course #A0076. (Reduced tuition \$150)

ED 491 SE01	Peaceful Procedures Grades K-3 (3) July 11-15, 8:00 a.m.-3:00 p.m.	Fellers P 551
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Help fight stress and teacher burnout! This course will emphasize the theory and practice of peaceful organizational methods. Register for course #A0077. (Reduced tuition \$150)

ED 491 SF01	Peaceful Procedures Grades 4-12 (3) July 18-22, 8:00 a.m.-3:00 p.m.	Fellers P 551
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See description above. Register for course #A0078. (Reduced tuition \$150)

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
Ed 497 498	Indept Study "	

ED 491 SG01	The Shape of Jesus in Our Classrooms (2) June 27-July 1, 9:00 a.m.-1:00 p.m.	Krsak P 551
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Practical helps to "shape up" our religious learning, enthusiasm, commitment, and dedication to Jesus (K-8). Register for course #A0079. (Reduced tuition \$100)

ED 491 SH01	Catholic School Leadership: Christian Formation (3) June 20-24, 9:00 a.m.-4:00 p.m.	Gedaro P 551
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This course will provide information, resources, and activities which focus on the concepts of Christian formation, staff development, and spiritual leadership. Register for course #A0080. (Reduced tuition \$150)

ED 491 SI01	Education for a Pluralistic Society: A Multidisciplinary Approach (3) August 8-12, 8:30 a.m.-4:00 p.m.	Gnanarajah P 551
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The course will cover major concepts and issues in multicultural education and will provide strategies and model lessons for infusing key concepts through various subjects (K-8). Register for course #A0081. (Reduced tuition \$150)

Two-Week Courses (meet daily)

ED 422 01	Working With Parents and Professionals (3) August 1-12, 9:10-11:40 a.m.	Burton 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. Register for course #A0082

ED 428 01	Language Development (3) July 5-15, 1:10-3:50 p.m.	Mather P 306
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An introduction to critical features of the developmental processes of receptive and expressive language with consideration of diagnosis, curriculum and method. Register for course #A0083

ED 450 01	Introduction to Gifted Education (3) June 20-July 1, 1:10-3:50 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. Register for course #A0084

ED 452 01	Gifted Education: Science (3) July 18-29, 7:50-10:20 a.m.	Olsen P 306
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Rationale for and methods of science instruction for gifted students. Emphasis will be placed on the implications of Piaget in cognitive development for curriculum design. Register for course #A0085

ED 491 SB01	Teaching Science in the Elementary Schools (3) June 20-July 1, 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. Register for course #A0086. (Reduced tuition \$150)

ED 491 SK01	Symposium on Alcoholism (3) June 20-July 1, Daily 9:00 a.m.-4:00 p.m.	Roise/Royce P 401
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Survey on alcoholism with special emphasis on the family. Alcoholism: nature, causes, diagnosis, prevention and recovery. Codependency, ACoA's, and other effects on family. Also offered on PSY 490 and ALC 400. Register for course #A0087

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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ED 491 SL01	Addiction in the Schools (2) July 5-8, TWThF, 12:00-5:00 p.m.	Kosterman P 401
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Addiction problems in young people. Emotional, developmental and educational problems in young people from alcoholic or other drugaffected families. How educators can become aware of, help and assist in preventing these problems. Emphasis on middle and high schools. Also offered under ALC 491 SA01. Register for course #A0088

ED 491 SR01	Introduction to LOGO Using LOGOWRITER (3) July 5-15, Daily, 9:10-11:40 a.m.	Newsom P 304
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Students will explore creative problem solving using LOGO. Emphasis will be on learning structure of LOGO language and elements of a "LOGO learning environment" as a basis for establishing confidence for further independent exploration. Potential relationships between LOGO projects and student learning objectives in mathematics and language arts will be explored. Previous introductory experience with computers is advised. Register for course #A0259.

EDCI 533 01	Gifted Education: Methods for Exceptionality (3) July 5-16, 1:10-3:50 p.m.	Bronson/Langdon P 354
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Teaching strategies for teachers of gifted education. Prerequisite: ED 450 and EDCI 554. Register for course #A0089

Three and Four-Week Courses

ED 491 SQ01	Western Spirituality: Heretics, Mystics, and Monks (3) July 18-August 5, MWF, 1:10-3:00 p.m.	Ferreiro P 352
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An historical survey which explores the various spiritual movements from the Early Church to the 16th century, with special attention to their contributions to Catholic and Protestant traditions. Also offered under RS 493 and HS 392. Register for course #A0090

ED 561 01	Biotechnology for Teachers (5) July 11-August 5, Daily, 9:00 a.m.-4:00 p.m.	Trowbridge P 405
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Theory and Practice of Biotechnology. Lecture series covers in depth studies of DNA structure and replication, transcription, translation, protein structure and function, cellular control mechanisms, immunology, and microbiology. Laboratory discussions and experiments are concerned with recombinant DNA procedures suitable for use with high school classes. Prerequisite: Special permission by formal application through the Biology Department. Register for course #A0091

First Four-Week Term: June 20-July 15

ED 423 01	Introduction to Classroom Management (3) First, Daily, 11:50 a.m.-1:00 p.m.	Hilton P 306
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Provides theory and strategies for managing the K-12 classroom. While a variety of theories will be studied, the systematic use of applied behavior analysis techniques will be a major emphasis of the course. Register for course #A0092

ED 432 01	Mainstreaming the Exceptional Student (3) First, Daily, 9:10-10:20 a.m.	Hilton P 306
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Issues surrounding mainstreaming; methods for working with exceptional students in the regular classroom. Register for course #A0093

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
ED 491 SA01	Development-Vocational Skills and Service (3) First, Daily, 7:50-9:00 a.m.	Donald P 352
This course will cover multiple aspects of vocational preparation for individuals with handicapping conditions. The intent is to assist in the facilitation of new activities within traditional settings and improved activities in contemporary settings. Register for course #A0094		
ED 491 SM01	Thinking Skills in the Curriculum (3) First, TTh, 4:30-8:00 p.m.	Bumgarner P 454
Survey of the current thinking skills movement. Presentations by local trainers will be included. Register for course #A0095		
ED 500 01	Introduction to Research and Graduate Study (3) First, Daily, 9:10-10:20 a.m.	Zarter P 353
Introduction to research skills and literature in students' fields. Includes an orientation to graduate studies. Ordinarily taken as first graduate course. Register for course #A0096		
ED 501 01	Philosophy of Education (3) First, Daily, 11:50-a.m.-1:00 p.m.	Haggerty P 454
Philosophical foundations of education and related fields. Register for course #A0097		
ED 515 01	Multicultures (3) First, Daily, 10:30-11:40 a.m.	Pang P 306
Examination of a wide variety of cultures with implications for helping professions. Register for course #A0098.		
ED 522 01	Child Psychology/Learning (3) First, Daily, 10:30-11:40 a.m.	Guest P 353
Investigation of various theories of child development and learning. Register for course #A0099		
ED 523 01	Adolescent Psychology/Learning (3) First, MW, alt.F, 11:50 a.m.-2:20 p.m.	Grienecks P 453
Investigation studies in adolescent psychology and learning. Register for course #A0100		
EDAD 578 01	Principles of Educational Law (3) First, Daily, 9:00-10:20 a.m.	McKamey P 353
Introduction to American legal system and principles affecting education. Emphasis on constitutional, statutory, regulatory, and case precedents applicable nationally to all levels of education. Register for course #A0101		
EDAD 581 01	Fundamentals of Administration (3) First, Daily, 10:30-11:40 a.m.	Barker LL 112
Administration theory, style, criteria, responsibilities, and process, with a focus on the principalship. Register for course #A0252		
EDAD 586 01	Professional Personnel (3) First, Daily, 11:50 a.m.-1:00 p.m.	Woodruff P 352
Selection, assignment, evaluation, competency maintenance; positive personnel climate, rights, responsibilities, grievances, and bargaining procedures. Register for course #A0102		

Course/Section	Description/Credit Session/Time	Instructor Building/Room
<i>EdCN 558-(3) 10773 Comm. Health Pract 597 (3) Undept. St.</i>		
EDAD 591 01	Financing Catholic and Private Education (3) First, Daily, 7:50-9:00 a.m.	Hofbauer P 452
Emphasis on the basic income and expense areas of an educational institution; particular attention to development and budgetary control. Schools in the area will be used as examples. Register for course #A0257. (Reduced tuition \$150)		
EDCI 510 01	Basics of Curriculum and Instruction (3) First, TTh, F-7/1,7/15, 7:50-10:20 a.m.	Tresvant P 454
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. Register for course #A0103		
EDCI 513 01	Supervision of Instruction (3) First, MW, F-6/24,7/8, 7:50-10:20 a.m.	Haggerty P 454
Improvement of instruction through supervisory leadership. Register for course #A0104		
EDCI 525 01	Seminar in Teaching of Reading (3) First, Daily, 10:30-11:40 a.m.	Schlick Noe P 351
Development of reading skills at all levels; examination and evaluation of current reading practices, research and materials. Prerequisite: ED 336 or 337 or equivalent. Register for course #A0105		
EDCI 528 01	Reading Practicum Workshop (3) First, Arranged	Schlick Noe Arr
Emphasis on task analysis lesson design using ECRI instructions for word recognition and comprehension skills; recording and reporting student learning increments, and study of role and application of materials. Register for course #A0106		
EDCI 529 01	Field Practicum in Reading (6) First, Arranged	Schlick Noe Arr
Supervised field experience in diagnosis and teaching of reading. Prerequisite: EDCI 524, 525, or permission of instructor. Register for course #A0107		
EDCN 509 01	Developmental School Counseling (3) First, TTh, 1:10-4:10 p.m.	Ingram P 454
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. Register for course #A0258.		
EDDR 604 01	Workshop in Organizational Development and Change (3) First, MWF, 1:30-4:30 p.m.	Morford/Wahle Willing ADM 305
Integrated workshop relating to organizational development, conflict management. Permission of instructor. Register for course #A0108		
Second Four-Week Term: July 18-Aug 12		
ED 413 01	Programs in Early Childhood Education (3) Second, Daily, 11:50 a.m.-1:00 p.m.	Chattin-McNichols P 352
Comparative study of current models in early education, including public and private kindergartens, infant centers, Montessori schools and programs for special children. Register for course #A0109		

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
ED 424 01	Introduction to Learning Disabilities (3) Second, Daily, 11:50 a.m.-1:00 p.m.	Denoon P 306
	History and current practices in diagnosis and remediation of students who are learning disabled and mildly handicapped. Register for course #A0110	
ED 460 01	Computers and Instructional Technology (3) Second, Daily, 9:10-10:20 a.m.	Chattin-McNichols P 352
	An examination of the uses of computers and other forms of media in the classroom. Register for course #A0111	
ED 521 01	Adult Psychology/Learning (3) Second, TTH alt. F, 11:50 a.m.-2:20 p.m.	Crow P 354
	Investigation of various theories of adult development and learning. Register for course #A0112	
EDAD 574 01	School Plant and Facilities Planning (3) Second, Daily, 10:30-11:40 a.m.	Scott P 305
	School plant requirements for new construction and remodeling; Projections, site selection; staff and patron planning; and leadership of the administrator. Register for course #A0113	
EDAD 583 01	School Finance (3) Second, Daily, 9:10-10:20 a.m.	Staff P 304
	Historical development; balanced taxation; school support program; problems and controversies. Graduate students only. Register for course #A0114	
EDAD 584 01	Washington School Law (3) Second, Daily, 7:50-9:00 a.m.	Howard P 353
	School laws of Washington based on its constitution, statutes, administrative code, and court precedents. Emphasis on applicability to K-12 system. Prerequisite: EDAD 578. Register for course #A0115	
EDAD 587 01	Community Relations (3) Second, Daily, 11:50 a.m.-1:00 p.m.	Staff P 452
	Purposes and media for informing the general public and patrons about programs and needs; roles of professional personnel and administrators. Register for course #A0116	
EDCI 512 01	Seminar: Instructional Effectiveness (3) Second, Daily, 9:10-10:20 a.m.	Barker P 353
	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. Register for course #A0117	
EDCI 526 01	Reading in Content Fields (3) Second, Daily, 7:50-9:00 a.m.	Schaefer P 354
	Decoding and vocabulary analysis, comprehension, reading rate, study skills and reading interests as related to specific content fields. Prerequisite: Ed 336 or 337 or equivalent, or permission of instructor. Register for course #A0118	
EDCI 527 01	Corrective Techniques in the Teaching of Reading (3) Second, Daily, 10:30-11:40 a.m.	Davis P 351
	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. Register for course #A0119	

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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EDCI 543 01	Seminar in Behavior Disorders (3) Second, Daily, 9:10-10:20 a.m.	Denoon P 354
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Overview of practices and rationales in the education of the behavior disordered and/or emotionally disturbed child. Structuring of individualized remedial programs and techniques which utilize existing agencies and personnel. Register for course #A0120

EDDR 600 01	Workshop in Educational Leadership (9) Second, Daily, 9:00 a.m.-4:30 p.m.	Morford/Wahle/ Willing LL 114
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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. Register for course #A0121

Eight-Week Term: June 20-August 12

ED 491 SP01	Japan and the West (5) 7-week, Daily, 9:10-10:20 a.m.	Taylor P 302
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An interdisciplinary study of the Japanese culture, its values, habits of thought and fundamental assumptions about reality as seen in its cultural products, including language, fine arts, pop culture, institutions. Of interest to teachers wanting to learn about the Japanese culture, or anyone planning to deal directly with Japanese people or institutions. Also offered under BUS 391 and EN 391. Register for course #A0122

ED 491 SN01	Northwest Poetry: Approaches for Teaching High School Students (5) 8-week, MW, 5:30 8:00 p.m.	MacLean P 352
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An examination of the recent poetry of the Pacific Northwest from its origins in the teaching and art of Theodore Roethke to the present. Readings in such writers as Roethke, Gary Snyder, William Stafford, Richard Hugo and a perspective of younger poets. Attention to methods of teaching this poetry to high school students. Possible visits by local poets. Also offered under EN 391. Register for course #A0123

EDAD 564 01	Administrative Internship I (3) 8-week, Arranged	Barker Arr
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Register for course #A0124

EDAD 565 01	Administrative Internship II (3) 8-week, Arranged	Barker Arr
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Register for course #A0125

EDAD 566 01	Administrative Internship III (3) 8-week, Arranged	Barker Arr
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Register for course #A0126

EDAD 595 01	Administrative Graduate Project (3) 8-week, Arranged	Barker Arr
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Scholarly graduate project designed to improve some aspect of professional assignment. Prerequisite: Graduate core requirements and approval of coordinator. Register for course #A0127

EDAD 596 50	Administrative Independent Study (1-3) 8-week, Arranged	Staff Arr
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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 50	Administrative Independent Study (1-3) 8-week, Arranged	Staff Arr
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See description above. Request course number from Registrar's Office at time of registration.

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room	Course/Section	Description/Credit Session/Time	Instructor Building/Room
EDAD 598 50	Administrative Independent Study (1-3) 8-week, Arranged	Staff Arr	EDCN 564 01	Counseling Internship I (4) 8-week, T, 4:20-6:50 p.m.	O'Connor P 551
See description above. Request course number from Registrar's Office at time of registration.			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. Register for course #A0135		
EDCI 549 50	Practicum: Special Education (3-6) 8-week, Arranged	Hilton Arr	EDCN 565 01	Counseling Internship II (4) 8-week, T, 4:20-6:50 p.m.	Grieneeks P 456
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.			Register for course #A0136		
EDCI 554 01	Diagnosis and Prescription (3) 8-week, MW, 1:10-3:10 p.m.	Staff P 452	EDCN 566 01	Counseling Internship III (3) 8-week, Arranged	Owen Arr
Comparison of various methods used in the diagnosis of learning problems. Selection, administration, and analysis of tests plus writing educational prescriptions. Prerequisite: ED 424. Register for course #A0128			Register for course #A0137		
EDCI 595 01	Curriculum Graduate Project (3) 8-week, Arranged	Staff Arr	EDCN 591 01	Ethics in Counseling (3) 8-week, M, 4:20-6:50 p.m.	Thompson P 452
Scholarly graduate project designed to improve some aspect of education. Prerequisite: Graduate core requirements and approval of adviser. Register for course #A0129			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. Register for course #A0138		
EDCI 598 50	Curriculum Independent Study (1-4) 8-week, Arranged	Staff Arr	EDCN 595 50	Counseling Graduate Project (3-6) 8-week, Arranged	Adviser 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.			Request course number from Registrar's Office at time of registration.		
EDCN 510 01	Fundamental Counseling Skills (3) 8-week, TTH, 9:10-11:10 a.m.	Afanador P 453	EDCN 596 50	Counseling Independent Study (1-3) 8-week, Arranged	Adviser Arr
Focus on basic counseling skills through intensive small group practice. Designed to complement ED 511, Counseling Theories, though they need not be taken concurrently. Includes three one-hour required counseling lab sessions on Thursday afternoons, evenings. Register for course #A0130			Request course number from Registrar's Office at time of registration.		
EDCN 512 01	Career Counseling and Informational Sources (3) 8-week, T, 7:00-10:00 p.m.	Crow P 551	EDDR 605 50	Independent Study in Educational Leadership (1-5) 8-week, Arranged	Wahle/Willing Arr
Study of vocational development. Exploration of educational, social, vocational and referral sources. Prerequisite: EDCN 511. Register for course #A0131			Permission of instructor. Request course number from Registrar's Office at time of registration.		
EDCN 517 01	Group Counseling Theories and Practice (3) 8-week, MW, 9:10-11:10 a.m.	Thompson P 455, 456	EDDR 606 50	Independent Study in Educational Leadership (1-5) 8-week, Arranged	Wahle/Willing Arr
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. Register for course #A0132			Permission of instructor. Request course number from Registrar's Office at time of registration.		
EDCN 551 01	Counseling Practicum (4) 8-week, Th, 4:00-8:00 p.m.	Staff P 551	EDDR 607 50	Independent Study in Educational Leadership (1-5) 8-week, Arranged	Wahle/Willing Arr
Supervised counseling experiences wherein the counselor candidate is responsible for actual counseling cases with supervision. Limited enrollment. Prerequisite: EDCN 510 and 511. Register for course #A0133			Permission of instructor. Request course number from Registrar's Office at time of registration.		
EDCN 560 01	Family Counseling (3) 8-week, M, 7:30-10:00 p.m.	Bestock P 551	EDDR 608 50	Internship in Educational Leadership (1-9) 8-week, Arranged	Wahle/Willing Arr
Demonstration/discussion focusing on dysfunctional families including theoretical and practical applications. Prerequisite: EDCN 551. Register for course #A0134			Permission of instructor. Request course number from Registrar's Office at time of registration.		
			EDDR 610 50	Doctoral Project in Educational Leadership (1-14) 8-week, Arranged	Morford/Staff Arr
			Request course number from Registrar's Office at time of registration.		
			EDDR 613 50	Project Continuation (0) 8-week, Arranged	Morford Arr
			Request course number from Registrar's Office at time of registration.		
			EDDR 649 50	Doctoral Enrollment (0) Arranged	Morford Arr
			Request course number from Registrar's Office at time of registration.		

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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Engineering

Mechanical Engineering

ME 350 01	Materials Science (5) 8-week, Daily, 9:20-10:20 a.m.	Gehlen E 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. Register for course #A0139

English

EN 110 01	Freshman Writing (5) 7-week, MWF, 9:10-11:50 a.m.	Bean ADM 221 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. Register for course #A0140

EN 110 02	Freshman Writing (5) 8-week, TTh, 5:30-8:00 p.m.	MacLean ADM 223 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. Register for course #A0141

EN 120 01	Introduction to Literature (5) 7-week, Daily, 10:30-11:40 a.m.	Weihe P 451 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. Register for course #A0142

EN 132 01	Masterpieces of American Literature (5) 7-week, Daily, 7:50-9:00 a.m.	Spiers ADM 203 Core
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Survey of American Literature from beginning to 20th Century. Register for course #A0143

EN 175 01	Introduction to Literature (5) 7-week, Daily, 10:30-11:40 a.m.	Weihe P 451 Core
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See description for EN 120. Register for course #A0255.

EN 200 01	Advanced Composition (5) 7-week, Daily, 7:50-9:00 a.m.	Tadie ADM 207
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Students will improve their writing by learning and then practicing the techniques of logic and of argumentation. The course is designed for two types of students. Some will want to take this course because they will benefit from having a second writing course. Others will want to take this as their first writing course; these students can, with the permission of the English Department Chair, take this course instead of EN 110 and still fulfill the core writing requirement. Register for course #A0144

EN 265 01	Great English Authors II (5) 7-week, Daily, 10:30-11:40 a.m.	Tadie ADM 205
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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. Register for course #A0146

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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EN 391 SA01	Japan and the West (5) 7-week, Daily, 9:10-10:20 a.m.	Taylor P 302
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An interdisciplinary study of the Japanese culture, its values, habits of thought and fundamental assumptions about reality as seen in its cultural products, including language, fine arts, pop culture, business structures, institutions. Of interest to anyone wanting to learn about the Japanese culture, or anyone planning to deal directly with Japanese people or institutions. Also offered under BUS 391 and ED 491. Register for course #A0147

EN 391 SB01	Northwest Poetry (5) 8-week, MW, 5:30-8:00 p.m.	MacLean ADM 202
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An examination of the recent poetry of the Pacific Northwest from its origins in the teaching and art of Theodore Roethke to the present. Readings in such writers as Roethke, Gary Snyder, William Stafford, Richard Hugo and a perspective of younger poets. Attention to methods of teaching this poetry to high school students. Possible visits by local poets. Also offered under ED 491 SN01. Register for course #A0148

EN 391 SC01	Americans in Paris (5) 8-week, MW, 5:30-8:00 p.m.	Weihe ADM 223
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An interdisciplinary study of the development of Modernism, with a focus on the artistic colony of Paris and its "lost generation" of expatriate writers and artists, including Hemingway, Fitzgerald, Stein and Pound. Of interest to teachers and students of literature and art who want organizing perspectives for "reading" the culture of our century. Register for course #A0149

EN 393 SA01	Religious Experience in Autobiography and Story (5) 7-week, Daily, 7:50-9:00 a.m.	Leigh ADM 221
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A study of religious experience as expressed in stories and autobiographies by major religious thinkers such as Augustine, Merton, C.S. Lewis, Chesterton, Flannery O'Connor, Dorothy Day. Also offered under RS 293 SB01. Register for course #A0150

EN 488 01	Film and Literature (5) 7-week, Daily, 11:50 a.m.-1:00 p.m.	Taylor ADM 207
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Introduction to film art. This course's primary goal is to help the student to see, understand, enjoy, and judge films more effectively, with assurance and validity. Register for course #A0151

Fine Arts

Art

ART 491 SA01	Japanese Woodblock (2) First, TTh, 1:10-3:25 p.m.	Thiel BU 104
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An introduction to the techniques of Japanese woodblock. Carving of the blocks, preparation of papers, and the printing process. Employs water colors and a variety of woods. Contemporary and traditional approaches explored. Materials list supplied first day of class. No auditors. Register for course #A0152

ART 491 SB01	Japanese Calligraphy (2) Second, TTh, 1:10-3:25 p.m.	Thiel BU 104
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Japanese Calligraphy is designed for beginning and continuing students and comprises the aesthetics, history, and techniques of the art form. Experience in the Japanese language is not required. No auditors. Register for course #A0153

Drama

DR 230 SA01	Video Profiles (5) Second, Daily, 8:00-10:00 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 effectiveness of their appearance. Register for course #A0154

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
MU 110 50	*Piano Lessons (1-2) 7-week, Arranged	Barnes Arr
MU 111 50	*Voice Lessons (1-2) 7-week, Arranged	Schneider-Boreson Arr
MU 123 50	*Classical Guitar Lessons (1-2) 7-week, Arranged	Morrant Arr
MU 125 50	*Organ/Harpsichord Lessons (1-2) 7-week, Arranged	Olson Arr
MU 127 50	*Clarinet/Saxophone Lessons (1-2) 7-week, Arranged	Kantor Arr
MU 310 50	*Piano Lessons (1-2) 7-week, Arranged	Barnes Arr
MU 311 50	*Voice Lessons (1-2) 7-week, Arranged	Schneider-Boreson Arr

*Contact instructor or Fine Arts Department Office before beginning of term to schedule lessons. Classes are Credit/No Credit. No auditors. Tuition plus \$39.00 per credit hour additional fee charged for private lessons. Request course number from Registrar's Office at time of registration.

Foreign Languages

FR 115 01	French Language I, II, III (15) 8-week, Daily, 8:00-11:30 a.m.	Milan
FR 125 01		ADM 208
FR 135 01		

Register for courses numbered #A0245, #A0246, and #A0247.

SP 115 01	Spanish Language I, II, III (15) 8-week, Daily, 8:00-11:30 a.m.	Plaza
SP 125 01		ADM 206
SP 135 01		

Register for courses numbered #A0248, #A0249, and #A0250. These intensive 15-credit programs are taught by skilled specialists in foreign languages. The courses enable the student to understand, speak, read, write, and think in the language taught, within the material presented. These courses take the beginning student through the first year of college Spanish or French in one quarter.

General Science

ISC 310 01	Evolution and Development of a Theory (5) 8-week, Daily, 10:30-11:30 a.m.	R. Smith ENGR 312
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Study of the major paradigms of change from geological, paleontological, and historical perspectives. Prerequisite: ISC 110 and one laboratory science, or two laboratory science courses. Register for course #A0155

Health Information Administration

HI 492 50	Special Topics (2-5) Second, Arranged	Hanken Arr
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Request course number from Registrar's Office at time of registration.

HI 497 50	Independent Study (1-5) Second, Arranged	Hanken Arr
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Request course number from Registrar's Office at time of registration.

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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History

HS 105 01	Western Civilization II (5) 7-week, Daily, 7:50-9:00 a.m.	Parry ADM 202 Core Option
Development of Western civilization from the 18th to the late 20th century. Register for course #A0156		
HS 120 01	Introduction to Western Civilization (5) 7-week, Daily, 9:10-10:20 a.m.	Shelton ADM 220 New Core
A study of the ideas, values, and institutions that comprised Western Civilization. Register for course #A0157		
HS 271 01	Survey of Russian History (5) 7-week, Daily, 10:30-11:40 a.m.	Shelton ADM 202 Core Option
An introduction to the history and culture of Russia and the Soviet Union. Register for course #A0158		
HS 281 01	Survey of the Far East (5) 7-week, Daily, 9:10-10:20 a.m.	Mann ADM 202
Domestic and international development of China, Japan, and the states of Southeast Asia. Register for course #A0159		
HS 341 01	The Pacific Northwest (5) 7-week, Daily, 9:10-10:20 a.m.	Saltvig ADM 203
Past development and present problems of the Pacific Northwest with emphasis on Washington State. Register for course #A0160		
HS 392 01	Western Spirituality: Heretics, Mystics, Monks (3) July 18-August 5, MWF, 1:10-3:00 p.m.	Ferreiro ADM 204
An historical survey which explores the various spiritual movements from the Early church to the 16th century, with special attention to their contributions to Catholic and Protestant traditions. Also offered under RS 493 and ED 391. Register for course #A0161		
HS 393 01	Biography as History (5) 7-week, Daily, 10:30-11:40 a.m.	Parry ADM 203
An introduction to the problems of biography as history, the interrelationship between the individual and the historic milieu, the role of the individual in shaping events and of events shaping the individual. Register for course #A0162		
HS 397 50	Independent Study (1-5) Arranged	Staff Arr
Request course number from Registrar's Office at time of registration.		
HS 492 01	Leadership in History: Orient and West (5) July 19-Aug 11, TTh, 3:30-5:30 p.m. and day-long seminars 7/30-31, 8/6-7	Mann P 302
An examination in an historical setting, in its perception of itself, other, and the norms and sources of leadership. Prerequisite: permission of instructor. Register for course #A0163		
HS 497 50	Independent Study (1-5) Arranged	Staff Arr
Request course number from Registrar's Office at time of registration.		

CLASSES

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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Institute for Theological Studies

ITS 506 01	Christian Ethics (3) First, MTWTH, 9:00-10:50 a.m.	George ADM 307
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A study of the dynamics of moral action; the development of a methodology for addressing personal and social moral issues. Permission of Director. Register for course #A0164

ITS 596 50	Independent Study (1-6) Arranged	Staff Arr
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Request course number from Registrar's Office at time of registration.

ITS 597 50	Independent Study (1-6) Arranged	Staff Arr
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Request course number from Registrar's Office at time of registration.

ITS 598 50	Independent Study (1-6) Arranged	Staff Arr
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Request course number from Registrar's Office at time of registration.

ITS 599 50	Project (3-6) Arranged	Staff Arr
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Request course number from Registrar's Office at time of registration.

Institute for Theological Studies/ SUMORE

ITSS 502 01	New Testament (3) 7/18-7/29, Daily, 9:00-11:50 a.m.	Barta MAD 110
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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. Register for course #A0165

ITSS 504 01	Christology (3) 6/21-7/1, Daily, 9:00-11:50 a.m.	Hart P 305
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A survey of theological reflection on Jesus, his life, his teaching, his death-resurrection. Examines the New Testament, the Fathers, the important conciliar definitions, the scholastic synthesis and contemporary discussion and covers three questions: Who is this man? How does he save us? How do we relate to him now? Permission of Director. Register for course #A0166

ITSS 505 01	Church (3) 8/1-8/12, Daily, 9:00-11:50 a.m.	Padovano ADM 305
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Biblical, historical, and theological reflection on the meaning of the Church and its mission. Permission of Director. Register for course #A0167

ITSS 507 01	Sacramental Theology (2) 6/27-7/1, Daily, 8:30-11:50 a.m.	Cooke ADM 224
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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. Register for course #A0168

ITSS 510 01	Christian Self-Image (3) 6/21-7/1, Daily, 9:00-11:50 a.m.	Francoeur ADM 305
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An analysis of the development and ongoing clarification of our self-image as it is dynamically influenced by conscience, the presence of God, and Christian community. Permission of Director. Register for course #A0169

Course/Section	Description/Credit Session/Time	Instructor Building/Room
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ITSS 511 01	History of Christian Spirituality (3) 7/4-7/15, Daily, 9:00-11:50 a.m.	McIntyre ADM 308
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Traces the ongoing development of the Christian concept of holiness by examining the lives and times of classic spiritual writers and exploring sections of their writings. Permission of Director. Register for course #A0170

ITSS 527 01	Dimensions of Social Change: Convivial Global Community (3) 7/18-7/29, Daily, 9:00-11:50 a.m.	Shea ADM 308
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Explores the central values and dynamics at play in building a post-WW II international order. Development of a) an understanding of the varied dimensions pertinent to an international schema; b) a synthetic framework for organizing the multiple issues and for grounding normative evaluations; c) a plan of personal and communal practical action. Permission of Director. Register for course #A0171

ITSS 534 01	Sacramental Preparation (3) 7/18-7/29, Daily, 9:00-11:50 a.m.	Staff ADM 305
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An exploration of the pedagogy of sacraments in light of contemporary sacramental theology and present insight into the catechetical process. Permission of Director. Register for course #A0172

ITSS 538 01	Adult Religious Learning (3) 7/4-7/15, Daily, 9:00-11:50 a.m.	Hill ADM 305
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Covers the theory and practice of adult religious formation. Examines the need for adult education, how adults learn, the adult stages of faith, and effective methods for meeting the educational and spiritual needs of adults. Permission of Director. Register for course #A0173

ITSS 552 01	Interpersonal Process (2) 6/21-6/30, TWThF/MTWTh, 2:00-4:30 p.m.	Ferder/Heagle ADM 307
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Introducing the student to 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. Register for course #A0174

ITSS 553 01	Conflict Resolution (2) 6/21-6/30, TWThF/MTWTh, 2:00-4:30 p.m.	Rochelle-Stevens ADM 308
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Enables participants to become more effective in negotiating the large and small daily conflicts in their professional and personal lives. Includes theory input, interpersonal sharing and skill-building, and awareness exercises. Majors only. Register for course #A0175

ITSS 555 01	Organizational Dynamics (3) 6/21-7/1, 1st week: M-2:00-5:00 p.m. TW-8:30-11:50 a.m. and 2:00-5:00 p.m. 2nd week: MTWTh-2:00-5:00 p.m.	Wilson ADM 308
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Deals with leadership styles, various approaches to dealing with people, organizational functioning, team building as it applies to healthy group interaction. Majors only. Register for course #A0176

ITSS 572 01	Old Testament (2) 7/4-7/15, Daily, 9:30-11:30 a.m.	Shaver MAD 110
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Scriptural evidence of development of Hebrew faith tradition; scripture's function of expressing and forming the faith-experience of the community; thematic developments and historical contexts of major writings; scripture as norm and origin of faith. Permission of Director. Register for course #A0177

CLASSES

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

ITSS 580 01 **Completion Project (3) Arranged** **Staff Arr**
Register for course #A0178

ITSS 587 01 **Practicum I (2) 7/18-7/29, MTTh, 2:00-4:30 p.m.** **Staff ADM 308**

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. Register for course #A0179

ITSS 588 50 **Practicum II (2-4) 7/4-7/15, MTTh, 2:00-4:30 p.m.** **Staff ADM 308**

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. Request course number from Registrar's Office at time of registration.

ITSS 592 SA01 **John (1) 7/18-22, Daily, 9:30-11:30 a.m.** **Rowan ADM 307**

Basic themes of the fourth gospel; how its historical setting influenced the message of the gospel; how that message can be interpreted for our historical situation. Permission of Director. Register for course #A0180

ITSS 592 SB01 **Hispanic Experience: Local Church (1) 7/25-28, MTWTh, 6:30-9:00 p.m.** **Elizondo ADM 307**

Examination of the local church, especially as that is viewed in the experience and imaginative understandings of the Hispanic community; theology of local church and liberation theology. Permission of Director. Register for course #A0181

ITSS 592 SC01 **Women and the Church: Social Analysis of Women's Issues (1) 7/25-28, MTWTh, 2:00-4:30 p.m.** **Eugene ADM 307**

Explores and analyzes selected issues related to women's roles within social and ecclesial life in U.S. Reference to global, feminist perspectives and goals for equality and peace. Permission of Director. Register for course #A0182

ITSS 592 SD01 **Economic Justice (1) 8/1-4, MTWTh, 2:00-4:30 p.m.** **Henriot ADM 308**

Analysis of the U.S. Bishops' Economic Pastoral Letter on the value questions of our economy and its future directions; analysis of content and its consequences. Special attention paid to educating people to the vision of economic justice presented by the Pastoral. Permission of Director. Register for course #A0183

ITSS 592 SE01 **Creativity in Ministry (1) 8/1-4, MTWTh, 2:00-4:30 p.m.** **Kovats ADM 307**

Concentrates on the gift of creativity explored through movement, the arts and ritual as dimensions of spirituality and ministry. Permission of Director. Register for course #A0184

ITSS 592 SF01 **Sexuality and Spirituality (2) 8/1-12, Daily, 9:30-11:30 a.m.** **Helminiak ADM 308**

Initially from a merely humanist perspective, defines spirituality and considers its integration with bodily and psychic male/female aspects of the person. Majors only. Register for course #A0185

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

ITSS 592 SG01 **Liberation Themes (2) 8/1-12, Daily, 9:30-11:30 a.m.** **Rodriguez/Zappone ADM 307**

First week: Examines the theology of Gustavo Gutierrez, further explores how this theology impacts (or not) upon our North American experience and context. Second week: Identifies how liberation spiritualities challenge our traditional notion of spirituality and its role in our lives. Permission of Director. Register for course #A0186

ITSS 597 50 **Independent Study (1-6) Arranged** **Staff Arr**

Request course number from Registrar's Office at time of registration.

Journalism

JR 350 01 **Magazine and Feature Writing (5) 8-week, MW, 1:10-3:30 p.m.** **Atkins MAD 111**

Elements of non-fiction articles for newspapers and magazines; study of freelance markets; writing for sale. Prerequisite: EN 110 and Sophomore standing. Register for course #A0187

JR 493 SA01 **Publishing Procedures (3) 7-week, MWF, 10:30-11:40 a.m.** **Easter MAD 111**

Aspects of creating publications, from concept through proposal, editing, design, production and promotion, including copywriting. Emphasis on books, but applicable also to brochures, catalogs, newsletters. Open to non-Journalism majors. Register for course #A0188

JR 493 SB01 **Writers and the Law (5) 8 week, MW, 7:00-9:30 p.m.** **Atkins MAD 111**

Legal considerations for writers of non-fiction and fiction, including libel, copyright, access to information, advertising and broadcast considerations. Junior standing or permission of instructor. Register for course #A0189

JR 498 50 **Independent Study (1-5) Arranged** **Staff Arr**

Senior journalism majors only. Permission of instructor. Request course number from Registrar's Office at time of registration.

Mathematics

MT 107 01 **Mathematics: A Practical Art (5) W. Guy 7 week, Daily, 7:50-9:00 a.m.** **ENGR 304**

General introduction to logic, sets, probability, statistics, algorithmic processes and other selected topics. Hands-on experience with micro-computers. Emphasis on development of quantitative skills. Prerequisite: One year each, high school algebra and geometry. Register for course #A0145.

MT 130 01 **Elements of Calculus for Business (5) 7-week, Daily, 7:50-9:00 a.m.** **Mirbagheri BA 402**

Continuation of MT 118, required in Business Program. A short course in calculus with business applications. Prerequisite: MT 118. Register for course #A0190

MT 136 01 **Calculus and Analytic Geometry III (5) 7-week, Daily, 10:30-11:40 a.m.** **Staff BA 301**

Indeterminate forms, improper integrals, infinite series, Taylor's Theorem, vectors, polar coordinates, solid analytic geometry. Prerequisite: MT 135. Register for course #A0191

MT 222 01 **Discrete Structures (5) 7-week, Daily, 10:30-11:40 a.m.** **Sullivan ENGR 400**

Logic, set theory, Boolean algebra, algebraic structures, graph theory and combinatorics; introduction to abstract machines and formal languages; computability concepts. Prerequisite: MT 135. Register for course #A0192

CLASSES

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

MT 232 01 **Multivariable Calculus (3)** **Ehlers**
7-week, MWF, 10:30-11:40 a.m. MAD 101
 Partial derivatives, multiple integration and applications. Prerequisite: MT 136. Register for course #A0193

MT 233 01 **Linear Algebra (3)** **Sullivan**
7-week, MWF, 7:50-9:00 a.m. BA 401
 Matrices, determinants, vector spaces, linear transformation, eigenvalues. Prerequisite: MT 136. Register for course #A0194

Philosophy

PL 110 01 **Introduction to Philosophy and Critical Thinking (5)** **Deltete**
7-week, Daily, 9:00-10:30 a.m. Core ADM 222
 Key philosophical problems provide the context for developing habits of critical reflection, logical reasoning, and argumentative writing. Register for course #A0195

PL 110 02 **Introduction to Philosophy and Critical Thinking (5)** **Dickerson**
8-week, TTh, 10:30-11:40 a.m. Core ADM 222
 See description above. Register for course #A0196

PL 110 03 **Introduction to Philosophy and Critical Thinking (5)** **McPartland**
7-week, Daily, 5:30-8:00 p.m. Core ADM 222
 See description above. Register for course #A0197

PL 220 01 **Philosophical Problems: Human Person (5)** **Staff**
7-week, Daily, 7:50-9:00 a.m. Core ADM 222
 Systematic study of the nature and powers of the human person. Special emphasis on the problems of human knowing, freedom, and responsibility. Register for course #A0198

PL 220 02 **Philosophical Problems: Human Person (5)** **Burke**
7-week, Daily, 9:10-10:20 a.m. Core ADM 223
 See description above. Register for course #A0199

PL 220 03 **Philosophical Problems: Human Person (5)** **Stickers**
June 20-July 25, MTThF, 10:30 a.m.-12:30 p.m. Core ADM 224
 See description above. Register for course #A0200

PL 220 04 **Philosophical Problems: Human Person (5)** **Bjelland**
8-week, MW, 5:30-8:00 p.m. Core ADM 222
 See description above. Register for course #A0201

PL 233 012 **Introduction to Modern Philosophy (5)** **McPartland**
7-week, Daily, 10:30-11:40 a.m. Core ADM 223
 Critical reflection on the doctrines of selected 17th and 18th century philosophers. Register for course #A0202

PL 250 01 **Ethics (5)** **Burke**
7-week, Daily, 11:50 a.m.-1:00 p.m. Core Option ADM 223
 Systematic study of ethical theory, the character of ethical reasoning, and the levels of ethical discourse, with application of ethical theory to specific problems. Register for course #A0203

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

PL 255 01 **Medical Ethics (5)** **Bjelland**
7-week, Daily, 10:30-11:40 a.m. ADM 207
Core Option
 Systematic study of ethical theory, the character of ethical reasoning, and the levels of ethical discourse, with application of ethical theory to problems encountered by health care professionals and their clients. Register for course #A0204

PL 260 01 **Logic I (5)** **Risser**
First, Daily, 10:30 a.m.-12:30 p.m. Core Option ADM 204
 Systematic treatment of traditional logic. Register for course #A0205

PL 300 01 **Philosophy of Nature (5)** **Deltete**
7-week, Daily, 11:50 a.m.-1:00 p.m. Core Option ADM 208
 Philosophical discussion of recent cosmological theory, centering on the origin, evolution, and ultimate fate of the physical universe. Register for course #A0206

PL 491 SA01 **Philosophy in Science Fiction (5)** **Dickerson**
7-week, Daily, 9:10-10:20 a.m. Core Option ADM 204
 Study of philosophical issues raised by contemporary works of science fiction. Problems include the paradoxes of time travel, whether machines can be human, and whether aliens could accept human moral values. Register for course #A0207

PL 497 50 **Independent Study (1-5)** **Staff**
Arranged Arr
 Request course number from Registrar's Office at time of registration.

Physics

PH 110 01 **Introduction to Astronomy of the Solar System (5)** **Toutonghi**
7-week, MTThF, 10:30-11:40 a.m. Core Option BA 401
Laboratory: W, 10:30 a.m.-12:30 p.m. BA 306

Motions and physical properties of the bodies in the solar system, including sun, moon, and planets. Core Science Option. Register for course #A0208

PH 200 01 **Mechanics (5)** **Staff**
7-week, MTThF, 9:10-10:20 a.m. BA 301
Laboratory: T, 1:10-5:00 p.m. BA 307
 Physics for students of Science and Engineering. Prerequisite: MT 134. Register for course #A0209

PH 201 01 **Electricity and Magnetism (5)** **Staff**
7-week, MTThF, 11:50 a.m.-1:00 p.m. BA 301
Laboratory: Th, 2:10-5:00 p.m. BA 305
 Physics for students of Science and Engineering. Prerequisite: PH 200, MT 135. Register for course #A0210

Political Science

PLS 100 01 **American National Government (5)** **Hogan**
8-week, MW, 5:30-7:40 p.m. Core Option P 456
 The structure and public policy functions of the national government, with emphasis on the Reagan Administration's impact on the American system. Register for course #A0211

CLASSES

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

PLS 291 SA01 **Diversity and Change (5)** **Scharf**
7-week, Daily, 10:30-11:40 a.m. P 452
Core Option
 How different contemporary societies have developed unique forms of government. Capitalist, socialist, and Third World examples. Register for course #A0212

PLS 365 01 **U.S. Foreign Policy (5)** **Scharf**
7-week, Daily, 9:10-10:20 a.m. P 452
 How American values and political processes lead us to shape our contemporary world. Role of President, Congress, special interests. Register for course #A0213

PLS 497 50 **Independent Study (1-5)** **Staff**
Arranged **Arr**
 Request course number from Registrar's Office at time of registration.

Psychology

PSY 201 01 **Statistics I (5)** **Gaffney**
7-week, Daily, 7:50-9:00 a.m. P 405
 Basic descriptive and inferential statistics; central tendency, variability, correlation and regression, probability, z & t tests, one way analysis of variance. Register for course #A0214

PSY 315 01 **Abnormal Psychology (5)** **Halling**
7-week, Daily, 9:10-10:20 a.m. ADM 205
 Survey of abnormal mental and emotional life; symptoms, nature and causes of psychological disorders; abnormalities of specific functions; theories of etiology. Prerequisite: PSY 100. Register for course #A0215

PSY 322 01 **Psychology of Growth and Development (5)** **Young**
7-week, daily, 11:50 a.m.-1:00 p.m. ADM 222
 Human development over the life span. Stages of growth. Conditions necessary for maximizing the potential of the individual. Prerequisite: PSY 100. Register for course #A0253.

PSY 427 01 **Introduction to Counseling (5)** **Rowe**
7-week, MW, 1:10-3:40 p.m. ADM 205
 Basic theory, principles and dynamics of the counselor-client relationship and the counseling process. Prerequisite: permission of instructor, PSY 100 and Junior or Senior standing. Register for course #A0216

PSY 461 01 **Theory of Group Dynamics (2)** **Young**
7-week, TTh, 1:10-3:40 p.m. ADM 205
 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 210 or equivalent. Register for course #A0217

PSY 462 01 **Experience of Group Dynamics (3)** **Young**
7-week, TTh, 1:10-3:40 p.m. ADM 205
 Experience of group dynamics through participation in a group; emphasis on experiencing interpersonal communication. Must be taken concurrently with PSY 461. Mandatory C/NC. Register for course #A0218

PSY 490 01 **Symposium on Alcoholism (3)** **Roise/Royce**
June 20-July 1, Daily, 9:00 a.m.-4:00 p.m. P 401
 Survey on alcoholism with special emphasis on the family. Alcoholism: nature, causes, diagnosis, preventions and recovery. Codependency, ACoAs, and other effects on family. Also offered under ALC 400 and ED 491. Register for course #A0219

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

PSY 492 01 **Individual and Society (5)** **Kunz**
7-week, Daily, 10:30-11:40 a.m. P 352
 How the individual shapes the society by using and abusing the various institutions, and how the society, in turn, shapes the individual, especially during the growing-up years. The psychological nature of the cancerous individualism and egoism of modern American society, and the emphasis on competitive "fair play" over cooperative "fair share" has led to the breakdown of many of our institutions. Prerequisite: PSY 100. Register for course #A0220

PSY 543 01 **Basic Practicum in Therapeutic Psychology (6)** **Rowe**
Arranged **Arr**
 On-site supervised practicum experience in agencies providing psychological services. Majors only. Register for course #A0221

PSY 597 01 **Readings in Self Psychology & Narcissistic Disturbances (3)** **Gerber**
Arranged **Arr**
 Readings and discussion of some of the work of Kohut, Goldberg, Schwaber, and Stolorow, whose writings in self psychology greatly enhance our ability to work with and understand our clients generally and clients with more serious narcissistic injuries in particular. Practicum work will be incorporated whenever possible. Register for course #A0254

Public Administration

PUB 349 01 **Collective Bargaining (5)** **Sawyer**
8-week, MW, 5:30-7:40 p.m. P 455
 History and statutory requirements, dynamics and strategies of labor-management relations. Realistic bargaining simulation. Register for course #A0222

PUB 495 50 **Internship (2-5)** **Hogan**
Arranged **Arr**
 Request course number from Registrar's Office at time of registration.

Public Administration — Graduate Program

PUB 512 01 **The Implementation Process (3)** **Mandelbaum**
Wednesdays, 6/22, 6/29, 7/6, 7/13, 5:30-8:30 p.m.; plus 7/8-9, 9:00 a.m.-5:00 p.m. P 453
Core
 How public policies become public programs. Interplay of executive, legislative, judicial and executive branches. Inter-governmental and inter-agency relations. Prerequisite: PUB 511. Register for course #A0223

PUB 562 01 **Oral Communication for Administrators (3)** **Malins**
8-week, T, 5:30-8:30 p.m. ADM 308
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. Register for course #A0224

PUB 585 01 **Management of Change (3)** **D. Mills**
7/29-8/5-8/12, 5:30-9:00 p.m. P 352
7/30-8/6-8/13, 9:00 a.m.-1:00 p.m.
 A course on the future: forecasting methods, trends, scenarios. Discussions of change processes (diffusion, revolution, attitude change) and methods of responding. Also offered under MBMA 585. Register for course #A0225

CLASSES

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

PUB 593 01 **Operations Analysis Using Computers (3)** **Das ADM 308**
8-week, Th, 5:30-8:30 p.m.

Operations analysis for public and non-profit organizations in program planning, budgeting, quality control and resource allocations using personal and mainframe computer technologies. Familiarity with decision analysis techniques and personal computers desirable but not necessary. Register for course #A0226

PUB 595 50 **Internship (1-3)** **Staff Arr**
Arranged

Request course number from Registrar's Office at time of registration.

PUB 597 50 **Independent Study (1-5)** **Staff Arr**
Arranged

Request course number from Registrar's Office at time of registration.

PUB 598 50 **Independent Study (1-5)** **Staff Arr**
Arranged

Request course number from Registrar's Office at time of registration.

Rehabilitation

RHB 210 01 **Field Experience (5)** **Afanador P 500**
Arranged

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. Register for course #A0227

RHB 310 01 **Field Experience (5)** **Afanador P 500**
Arranged

See description above. Mandatory C/NC. Register for course #A0228

RHB 410 50 **Field Experience (5-15)** **Afanador P 500**
Arranged

See description above. Mandatory C/NC. Request course number from Registrar's Office at time of registration.

RHB 515 01 **Loss and Grief (3)** **Haney P 500**
First, MW, 5:00-8:00 p.m.

Loss and grieving process as they relate to illness, injury, disability and dying. Register for course #A0229

RHB 530 01 **Practicum in Rehabilitation (3)** **Afanador P 500**
Arranged

Counseling experience. Applying the principles of rehabilitation; student works part-time in a rehabilitation agency. One hour of individual supervision per two hours of practical experience. Register for course #A0230

RHB 531 01 **Practicum in Rehabilitation (3)** **Afanador P 500**
Arranged

See description above. Register for course #A0231

RHB 532 01 **Practicum in Rehabilitation (3)** **Afanador P 500**
Arranged

See description above. Register for course #A0232

RHB 580 50 **Internship in Rehabilitation (1-6)** **Afanador Arr**
Arranged

Full-time placement in a rehabilitation setting, integrating and applying knowledge from classroom; further development of counseling skills emphasized. Student will be supervised by faculty and agency. Request course number from Registrar's Office at time of registration.

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

Sociology

SC 101 01 **Fundamentals of Sociology (5)** **Gilbert MAD 101**
7-week, Daily, 9:10-10:20 a.m.

This course will examine the nature of society. We shall study the way societies organize and have historically organized and the roles individuals and their organizations play in society. Topics such as social organization, social classes, social change, inequality and conflict, will be extensively studied in light of various sociological interpretations. Register for course #A0233

SC 491 01 **Sociology of Education (5)** **Gilbert P 305**
First, Daily, 1:10-3:15 p.m.

This course will examine traditional topics, including socialization, classroom interaction, knowledge teaching, opportunity, social mobilization and status quo, education in the Third World. Register for course #A0234

SC 492 01 **Social Work in Ethnic Minority Communities (5)** **Bell P 451**
First, Daily, 8:20-10:20 a.m.

A practice-oriented course designed to explore the implementation of service programs in varied cultural settings, viewing cultural values as tools for helping rather than as obstacles to understanding. Examination of ethnological basis for designing helping interventions. Register for course #A0235

Speech

SPH 201 01 **Interpersonal Communication (5)** **Dore BU 119**
Second, Daily, 10:00-12:00 a.m.

Through theory and practice this course will raise the student's consciousness of, and skill in, observing and engaging in verbal and non-verbal communication. Register for course #A0236

Theology and Religious Studies

RS 200 01 **Judaeo-Christian Origins (5)** **Quitslund ADM 220**
7-week, Daily, 11:50 a.m.-1:00 p.m. **Core Level 1**

Historical background and development of Israelite and Jewish religious experience and tradition; its contribution to the foundations of the Christian community. Register for course #A0237

RS 217 01 **Message of Paul (5)** **Early ADM 220**
7-week, Daily, 10:30-11:40 a.m. **Core Level 1**

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. Register for course #A0238

RS 293 SA01 **The Catholic Experience (5)** **Ahler ADM 207**
7-week, Daily, 9:10-10:20 a.m. **Core Level 1**

Foundations of religion in human experience. Specifically, what is it, from the past and in the present, that makes this group, Roman Catholics, who they are and recognizable as such? Consequences of being Catholic. Register for course #A0239

CLASSES

Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

RS 293 SB01 **Religious Experience in Autobiography and Story (5)** **Leigh ADM 204**
7-week, Daily, 7:50-9:00 a.m. **Core Level 1**

A study of religious experience as expressed in autobiographies by major religious thinkers, such as Augustine, Dorothy Day, Thomas Merton, Gandhi, C.S. Lewis, and Malcolm X. Also offered under EN 393. Register for course #A0240

RS 334 01 **Liberation and Theology (5)** **Quitslund ADM 224**
7-week, Daily, 9:10-10:20 a.m.

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: Level 1. Register for course #A0241

RS 338 01 **Christian Views of Love, Sex, and Marriage (5)** **Sauvain ADM 221**
7-week, Daily, 10:30-11:40 a.m.

The meaning of love experiences in human sexuality in light of God's relation with each person; examination of spiritual dimensions of sexuality and marriage; sacramental dimension; present procedures and regulations. Prerequisite: Level 1. Register for course #A0242

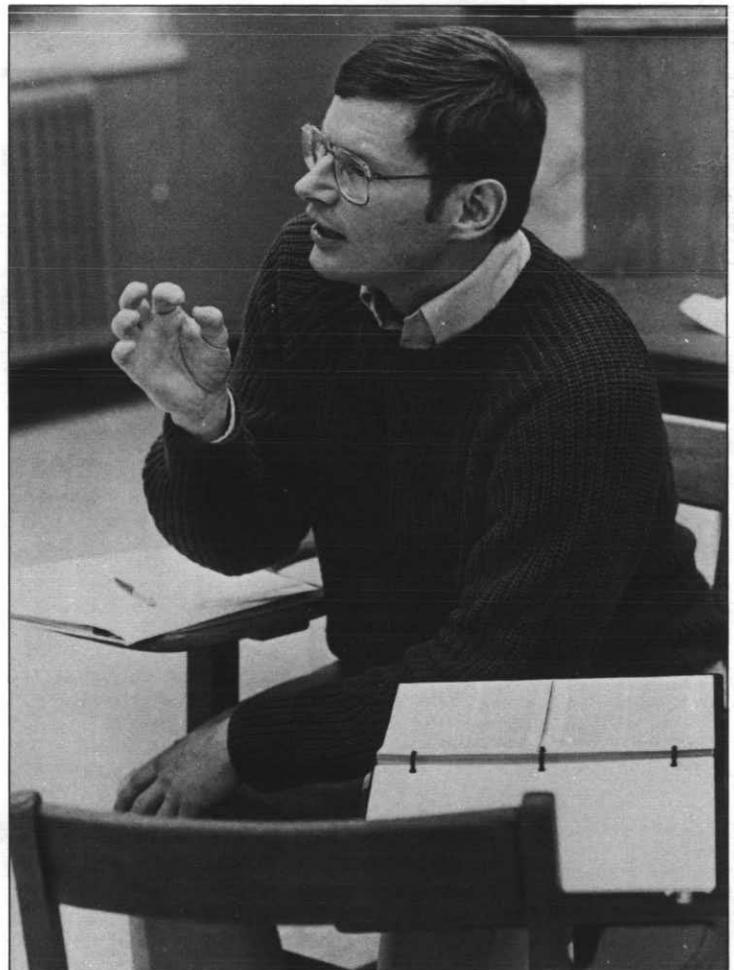
Course/Section **Description/Credit Session/Time** **Instructor Building/Room**

RS 393 SA01 **Theology of Story (5)** **Navone ADM 223**
7 week, Daily, 7:50-9:00 a.m.

The narrative quality of religious experience; the myths and models people live by in the process of human experiencing. Prerequisite: Level 1. Register for course #A0243

RS 493 SA01 **Western Spirituality: Heretics, Mystics and Monks (3)** **Ferreiro ADM 204**
July 18-August 5, MWF, 1:10-3:00 p.m.

An historical survey which explores the various spiritual movements from the Early Church to the 16th century, with special attention to their contributions to Catholic and Protestant traditions. Elective only. Also offered under HS 392 and ED 391. Register for course #A0244.



SUMMER SESSION ONLY

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Seattle University Summer School Application for Admission

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+)

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

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

No
 Yes Quarter _____ Year _____

Have you ever taken a course at S.U.?
 Are you currently enrolled? Yes No

Have you ever been enrolled in an S.U. Degree Program? Yes No

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

Course	Section	Title	Instructor	Credits

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
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

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Application for READMISSION: no fee

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Undergraduate/Transfer
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CURRENT EMPLOYER—NAME OF FIRM	JOB TITLE	BUSINESS PHONE
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SUMMER SESSION

DIRECTOR OF
SUMMER SESSION

Seattle University
Seattle, Washington 98122