

PACIFIC LUTHERAN UNIVERSITY CATALOG

SUMMER
SESSIONS



What do I need to do to take classes this summer?

It's easy!

Just follow these four steps:

1. Select classes from the quick reference schedule at the center of this catalog.
2. Complete the registration form inside the back cover of this catalog.
3. Pay tuition and fees at the Business Office.
4. Go to class! Enjoy yourself!

Symbols & Codes

§ Experimental Course			
EAUD	Eastvold	0800	8 am
ECAM	East Campus	0900	9 am
MGYM	Memorial Gym	1000	10 am
ADMN	Hauge Administration Bldg	1100	11 am
INGR	Ingram	1200	12 noon
LIBR	Library	1300	1 pm
MATH	Math Building	1400	2 pm
OGYM	Olson	1500	3 pm
RAMS	Ramstad	1600	4 pm
RCTR	Rieke Science Center	1700	5 pm
XAVR	Xavier	1800	6 pm
M	Monday	1900	7 pm
T	Tuesday	2000	8 pm
W	Wednesday	2100	9 pm
R	Thursday	2200	10 pm
F	Friday		
Sat	Saturday		
Su	Sunday		

1991 Summer Sessions Calendar

May		June		July				August				
28-31	3-7	10-14	17-21	24-28	1-5	8-12	15-19	22-26	29-2	5-9	12-16	19-23
Term I												
First 9-week Summer Evenings Term (SE I)												
MBA Term I												
Nursing Term												
				Term II								
				Second 9-week Summer Evenings Term (SE II)								
						MBA Term II						
								Term III				

MAY						
S	M	T	W	R	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE						
S	M	T	W	R	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

JULY						
S	M	T	W	R	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST						
S	M	T	W	R	F	S
					1	2
	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Volume LXXI No. 1
February, 1991

Pacific Lutheran University Catalog USPS 417-660
Published quarterly in February, May, August and November by Pacific Lutheran University, South 121st and Park Avenue, Tacoma, WA 98447-0003. Second class postage paid at Tacoma WA. Postmaster: Send address changes to Pacific Lutheran University Catalog, Office of Admissions, PLU, P.O. Box 2068, Tacoma, WA 98447-0003.

May 27 and July 4 are University holidays. Classes will NOT be held, campus offices will be closed.

Take a Closer Look

Our cover photo was taken by the Civilian Conservation Corp (CCC) during the summer of 1935. It shows Deep Lake and Millersylvania State Park, near Olympia. Within Millersylvania, CCC crews built roads, trails, shower and toilet buildings, picnic and camp grounds, kitchen shelters, a caretaker's house, incinerators, etc. Most of what they built is still in use by park visitors and staff. Photo courtesy of Washington State Parks and Recreation Commission.

How to Use This Catalog

Quick Reference. Turn directly to the Schedule of Classes on page 26 for courses offered, times, days, rooms. You need this information to complete the registration form inside the back cover. Note any **, referring you to the course description. Colored bars indicate late afternoon or evening classes.

Course Descriptions. Course descriptions begin on page 10, including prerequisites, dates, times, locations and instructors.

General Information. The first section of the catalog contains campus resources and services, housing and parking information, and registration policies and procedures.

Registration and Housing Reservation. Inside the back cover are two postage-paid forms -- one for registration and one for housing reservations. You may also register by telephone. See page 4 for details.

Received two catalogs? Because we use multiple mailing lists, you may have received more than one copy of the catalog. If you did, please pass the extra copy on to a friend!

If you have any questions about this catalog, please call the Office of Summer Sessions (206) 535-7143, or stop by Ingram Hall, room 101, Monday-Friday, 8 am--5 pm.

Design: Paul Porter

Cover Photo: Washington State Parks
and Recreation Commission

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Special Thanks to: Sherry Clark, Computer Center

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6 Simple Steps to Make Your Summertime Easy

1. **Where to park.** Summer parking is easiest in the Library lot. Entrance is on 121st St. Ct. across from Trinity Lutheran Church.
2. **Where to snack.** The snack wagon is located outside the south entrance to the Administration Building. Hours are 9 am-2 pm weekdays.
3. **Where to buy books and supplies.** The bookstore is inside the University Center and is open until 6:30 pm the first day of each summer term shown inside the front cover. See page 5 for additional bookstore hours.
4. **Where to get an ID card.** Having your very own, validated ID card makes your life easier in many ways. Only with a valid ID card can you check out materials from the library, swim in PLU's Olympic-sized pool and play golf for only \$2 a round. Stop by the Registrar's office any day from 8 am - 7 pm.
5. **Where to get exercise.** Tennis courts, a 9-hole golf course, an Olympic-sized pool, complete fitness center -- all these and more are available to you. Check page 7 for details.
6. **Where to get friendly answers.** Contact the Office of Summer Sessions in Ingram Hall, room 101, or call (206) 535-7143.

Take a Closer Look

Take a closer look at your campus, your community -- your leisure time! To help, the Office of Summer Studies is hosting an old-fashioned ice cream social and fruit festival each term this Summer.

June 19	Strawberry Festival
July 17	Raspberry Festival
August 21	Peach Festival

Exciting, fun musicians perform each Wednesday at noontime outside Eastvold, beginning June 5.

International Brown Bag Lecture Series

Eight lectures by visiting international professors and experts are held each Tuesday at noon in the Hauge Administration Building, room 101. Call (206) 535-7150 for more information.

Take a Look at the Arts

Literary Visions, a series of readings by Northwest poets and writers, begins June 27 and runs Wednesdays through July 31, plus August 21. The schedule includes:

July 3	Charles Bergman, non-fiction
July 10	Marvin Bell, poet
July 17	Harold Simonson, fiction
July 24	Julie Seaman, poet
July 31	Joanne McCarthy, poet
August 21	Chrystos, Native American poet

All readings are held in Ingram Hall, room 100 at 7 pm.

The public is invited to the free readings and to a reception honoring each author after the reading.

Summer Scholars Program

Academically gifted incoming high school juniors and seniors, this program is for you. Investigate projects in-depth in writing or science and earn college credit, too! Live in a college dorm for three weeks. The Summer Scholars program is held at PLU July 8 through July 26. Participants are selected by mid-April from among nominations received from high schools, parents, and community groups. Sponsored by PLU and assisted by funds from the Tacoma Area Council on Giftedness.

For detailed information, contact Dr. Judith Carr, Dean of Special Academic Programs, at (206) 535-7130.

PLU Middle College

High School incoming seniors and '91 graduates, get an early start on a successful college career this summer at PLU!

Called Middle College, this six-week summer program (June 15 to July 26) helps you sharpen learning skills while earning eight to ten regular, transferable semester hours of college credit.

Middle College helps to make college level study easier. Within a framework of interesting, contemporary topics, it emphasizes basic skills so important in college -- written and oral communication, study skills, and mathematics. Each Middle College student works closely with PLU professors and college student tutors on a personal, individual basis. There are six professors on the faculty, from social sciences, mathematics, English, earth science, and art, a full-time counselor, and six tutors. Each student receives individual counseling and aptitude or skills testing. And each learns how to find and use information at the University.

Classes are small, flexible, and informal, giving each student an opportunity to get well acquainted with both instructors and fellow students.

Middle College isn't just work. There is plenty of opportunity for play, taking advantage of PLU's excellent recreational facilities--swimming pool, tennis courts, golf course, bowling alley, games room, jogging-fitness course, and handball, racketball, and squash courts. Or simply enjoy sunbathing or frisbee on PLU's spacious, green campus lawns. Live on campus or commute, although on-campus housing is *strongly* recommended for this program. Tuition cost for the program is \$1,624, and financial aid, based primarily on need, is available.

Tuition	\$1624
Room & board (if desired)	\$626
Textbooks	\$60-125
Total Cost Estimate	\$2310-2375

The deadline for Middle College applications is May 31, 1991. For more information, write or call Dr. Judith Carr, Middle College, Office of Special Academic Programs, PLU, Tacoma WA 98447, or phone (206) 535-7130.

Summer Piano Performance Institute

For Junior and Senior High School students. Classes include History of Piano Literature, Style and Interpretation, Keyboard Harmony and Improvisation, and two private lessons per week with Dr. Calvin Knapp, professor of Music at Pacific Lutheran University. The Institute is July 15-August 3. For more information, contact Dr. Calvin Knapp, Pacific Lutheran University Department of Music, Tacoma, WA 98447.

Elderhostel

PLU's 12th summer of Elderhostel programs will offer two weeks in June and two in July. A complete listing of classes is available from the University Center office. Registration materials and catalogs are available from the Elderhostel Office, 80 Boylston St. Suite 400, Boston, MA 02116. Primarily a program designed for senior citizens to live on campus and take classes for a week, PLU will accept a limited number of commuters in each week's group. Some Hostelships are available. Apply at the U.C. Office.

Summer Conferences at PLU

The summer of 1991 brings another busy conference season. Groups including The Northwest District of the Lutheran Church-Missouri Synod, Pacific Northwest Writers 36th Annual Conference, LITE Institute, and the Great Northwest Evangelism Workshop invite several thousand guests to the campus.

Sports and Activity Camps

Youth sports and activity camps include basketball, tennis, softball, volleyball, soccer, drill teams, wrestling, football and cheerleading. Contact University Center Conferences for more information.

Tuition, Room and Board

Undergraduate Tuition

Undergraduate tuition, per semester hour \$203.00
 Audit, per semester hour \$203.00

Graduate Tuition

Education, Music, Nursing, Computer Science
 per semester hour \$228.00
 MBA and Social Sciences
 per semester hour \$356.00

Private Music Lessons

(13 half-hour lessons = 1 semester hour credit)
 - 1 semester hour credit in addition to tuition \$100.00
 - 2 semester hours credit in addition to tuition \$175.00

Residence Hall rooms*

	Double	Single
One 4 week term	\$240.00	\$290.00
Two 4 week terms	\$430.00	\$530.00
Three 4 week terms	\$620.00	\$730.00
Additional days	\$8.00 per day	

Advance Placement Institute students, please sign up for housing by contacting the PLU Office of Summer Studies, Tacoma, WA 98447 or call (206) 535-7143.

Meal Plans*

A variety of meals plans make eating on campus a breeze. Choose one to fit your needs and appetite.

20 meals per week	\$54.50 per week
15 meals per week	\$45.50 per week
10 meals per week	\$35.00 per week
5 meals per week	\$18.20 per week

*Room and board rates subject to change.

Payment Information

Tuition and fees are due on or before the first day of the session in which the classes fall. Mail tuition to the PLU Business Office, P.O. Box 21167, Seattle, WA 98111-3167 or bring it to the PLU Business Office on campus, Administration Building room 110. Payment may be made by check, payable to "Pacific Lutheran University" or by VISA or MasterCard. The student's full name and Social Security Number should be written on the check to insure proper credit.

Registration is not finalized until tuition and fees are paid. Unpaid balances are subject to late charges. Contact the Business Office at (206) 535-7171 for current charges if a complete statement has not been received.

If, after classes begin, you find it necessary to withdraw from summer courses, please notify the Registrar's Office in writing.

Veterans. If you expect to receive VA Educational benefits, you must contact the Office of Veterans Affairs (HA-102) at the time of registration.

Admission

Non-degree students. Non-degree students planning to enroll for the summer session only, without intention of working toward a degree from PLU or for a teaching certificate, need not file a formal application or submit transcripts from other schools attended. They may enroll in any course for which they have the necessary prerequisites.

Undergraduate Degree students. Students who plan to work toward an undergraduate degree from PLU must complete a formal application for admission. The necessary forms may be obtained by contacting the Admissions Office, (206) 535-7151. Students who have completed acceptable work at another accredited college are granted advanced standing for previous work.

Master's degree students. Students seeking admission to the master's degree program should contact the Office of Graduate Studies at (206) 535-7141.

Certification students. Students seeking certification should contact the School of Education at (206) 535-7272.

Continuing students. Current PLU students who wish to enroll for the summer session should simply return the registration form inside the back cover of this catalog by mail or in person to the Registrar's Office.

Course Numberings

Courses at PLU use the following number system:

101-299 Lower division level.

301-499 Open to both graduate and upper division undergraduates. Such courses may be a part of the graduate program provided they are not specific requirements in preparation for graduate study.

500-599 Graduate courses.

Normally open to graduate students only. Upper division students may enroll in a 500-level course if, during the last semester of the senior year, a candidate for the baccalaureate degree finds it possible to complete all degree requirements with a registration of fewer than 16 semester hours of undergraduate credit. However, the total registration for undergraduate requirements and elective graduate credit shall not exceed six semester hours during any one Summer term. A memorandum stating that all baccalaureate requirements are being met during the current semester must be signed by the appropriate department chair or school dean and presented to the dean of graduate studies at the time of such registration. This registration does not apply toward a higher degree unless it is later approved by the student's adviser and/or advisory committee.

Independent study, thesis or studio projects may be authorized in certain specific cases if approved by the chairperson or dean concerned. An independent study registration card is available in the Registrar's Office. As with other summer session classes, register for independent study before the session begins.

Graduation/Commencement

Students who plan to complete requirements for a degree during the summer should fill out an Application for Graduation form, and a cap and gown order form. These forms are available in front of the Registrar's Office. Undergraduates should return the completed forms to the Registrar's Office, and graduate students should return the completed forms to the Graduate Office, no later than July 5. Commencement ceremonies are scheduled for Friday, August 23, in Olson Auditorium at 7 pm.

Insurance

Accident and health insurance may be purchased at low cost from the University Business Office at the time of registration. Students in any of the following categories or activities are required to purchase this insurance or provide evidence to the University of similar coverage from another source: foreign students; nursing students; students participating in off-campus overnight tours; and students participating in the following courses:

ANTH 465/466	Archaeology: The Field Experience
BIOL 351	Natural History of the Pacific Northwest
ESCI 202	Oceanography
ESCI 425	Geological Field Mapping

Registration

Summer registration is a picnic! You may register by mail, in person, or by telephone. Registration for all Summer Sessions begins April 1, 1991.

By mail. A postage-paid registration form is included inside the back cover of this catalog. Just fill it out and mail it to reach the University no later than ten days before the first day of the class(es) for which you are registering. If the completed registration form is mailed with a check, money order, VISA or MasterCard number and expiration date, you will not need to stop at the PLU Business Office first, but may go directly to the first meeting of your class.

Mail your registration to: Registrar, Pacific Lutheran University, Tacoma, Washington 98447

The following information should be included:

1. Name of student.
2. Student's Social Security Number.
3. Name of cardholder (if different from student).
4. Bank card number (VISA or MasterCard) and its expiration date (if paying by VISA or MasterCard).

By telephone. It's easy to register by phone. Please have the following information available when placing your call to (206) 535-7131:

1. Student's full name.
2. Student's Social Security Number.
3. Department code and course number for each course for which the student is registering.
4. Address while at PLU (if known).
5. Permanent address (if different from above).
6. Telephone number.
7. Date of birth.
8. Ethnic origin (optional).
9. Religious preference (optional).
10. Bank card number, expiration date, and name of card holder (if paying by VISA or MasterCard).

Sorry, courses requiring tally cards, independent study cards, or eligibility forms are excluded from telephone registration.

On-campus. Advance registration by mail is encouraged, but if you prefer, on-campus registration begins April 1. Last day to register for Term I is May 30, for Term II is June 26, and for Term III is July 31. If you plan to attend the entire summer session, complete your registration for all terms at the time of your initial registration. If you need a transcript to be evaluated and a progress chart created or

brought up to date, make your request to the Registrar's Office by mail or by personal appointment, preferably before June 14.

Changes and Withdrawals. Please notify the Registrar's Office of any adds or drops from a course. There is no processing charge to substitute courses. The last day to add a class is May 30 for Term I, June 26 for Term II and July 31 for Term II.

If you register for Term I only and later decide to enroll for Term II or III, just add the desired courses on a drop/add form (available on the cart outside the registrar's windows). The balance of tuition can be paid on the first day of your second term. If you register for more than one term and decide not to continue in subsequent terms, make an official withdrawal in writing from the subsequent term courses.

Official withdrawals, with a grade of "W," may be given any time during a term, but there is no refund if the withdrawal is made after the third (second day for workshops) day of the class. Unofficial withdrawals will result in grades of "EW" and will count as fail hours in the G.P.A.

Courses may be changed from audit to credit or credit to audit through the third day of class.

Pass/Fail Option. If you prefer to take a class pass/fail, file a pass/fail form with the Registrar's Office by the end of the second week of class. Forms are available at the Registrar's Office.

ID Cards. It is important that you have a valid ID card in order to use the library, cash checks on campus, and to obtain other University services and privileges. Continuing students may have cards validated in the Business Office. Those here for the summer only should request their ID Cards at the Registrar's Office -- it only takes a moment to have a card made, and it will make life on campus a little easier.

Course Load and Waivers. The maximum course load for each summer session is six semester hours. Permission to register for more than six hours per session must be obtained from the Dean of Summer School, Ingram 101. Graduate students may not take more than 12 semester hours during the summer to count toward the master's degree at Pacific Lutheran University.

Transcripts. If you need a transcript of your summer work, submit a written request to the Registrar's Office. Second session grades are processed and transcribed approximately five working days after being submitted by the faculty (August 30). Please take this into consideration when requesting transcripts for school districts. Transcripts cannot be sent for students with unpaid accounts at the University.

Campus Services and Facilities

Most PLU offices close at noon on Fridays. However, the University Center Information Desk and the Registrar's Office are open on a regular basis Friday afternoons. The University Center building also is open weekends, as is the Columbia Center Coffee Shop; the Swimming Pool is open Saturdays (see Recreational Facilities for hours).

Academic Advising Office

Come to the Academic Advising Office for help with academic advising: information on general university requirements or procedures, planning an educational program, choosing or declaring a major or minor, requesting waiver of a university requirement, etc. The Academic Advising Office provides general academic advising services for undergraduate students during the summer session. Stop by Ramstad 112, Monday through Thursday from 9 am to 5 pm or Friday from 9 am to 12 noon. Or call (206) 535-8786.

Academic Assistance Center

The Academic Assistance Center wants you . . . to become effective and efficient in your academic pursuits. During summer sessions, limited tutoring may be available. Please check with the center regarding your specific needs, or call (206) 535-7518.

Center services are extended without charge to all registered PLU students. The office is located in Ramstad 112. Summer hours are Monday-Thursday from 9 am to 5 pm and Friday from 9 am to 12 noon.

Bookstore

PLU's Bookstore has more than just the textbooks and supplies that are required or suggested by faculty members for their courses. Supplies, gifts, greeting cards, clothing, film processing, toiletries and lots of other items are available for your convenience. Oh, and they sell books, too. Summer hours:

8 am-4:30 pm, MTWR

8 am-12 noon, Friday

Shop until 6:30 pm the opening day of each summer term. Late nights at the bookstore are: May 28, June 3, June 24, July 15, July 22 and July 29.

If you have specific textbook needs at other times, please phone (206) 535-7665 during regular bookstore hours and arrangements will be made to serve you.

Campus Ministry

Pacific Lutheran University is, by design and intent, a place for the interaction of academic study and the Christian gospel. Opportunities for the expression of faith and worship are provided for the community. Weekly chapel services are held in Eastvold Tower Chapel, 10-10:30 am on Wednesdays. Please call (206) 535-7464 for details of the worship schedule.

University Child Care

University Child Care, operating through PLU's Family & Children's Center, is an independent non-profit center established to serve families in the Parkland-Spanaway area. Clients are served on a first-come, first-served basis; priority is for low-income, working clients, and costs are based on gross monthly income. Licensed for 54 children from 12 months through 5 years, the center operates year-round, from 6:30 am to 6 pm Monday through Friday. There is a waiting list for full-time clients. The staff is trained in Early Childhood Education with PLU work-study and practicum students involved; support staff includes a social worker, nurse consultant, cook, and book-keeper. The program is comprehensive, with developmentally appropriate activities for all ages, including indoor/outdoor play and group/free-activity times. Staffing ratio is 1 adult to 5 children during peak program hours (9 am-3pm). Meals and snacks are included. For more information, write Cheryl Habgood, University Child Care, P.O. Box 44082, Tacoma WA 98444, or phone (206) 531-2009. Many PLU students, faculty and staff use the Trinity Lutheran Child Care Center at 12115 Park Avenue South. Located close to the University, Trinity Lutheran accepts children on a full-time basis; no drop-in care is available. Children from one month of age through kindergarten receive excellent supervision and nutritious meals and snacks. Although there is no summer pre-school program, there are educational activities scheduled for all ages. Fees are assessed on a sliding scale. Feel free to come by and observe at any time, or call (206) 535-2699 for more information.

The Computer Center

The Computer Center's offices are entered through the south-east corner of Mortvedt Library. The facility houses DEC VAX 6210 and DEC VAX 6220 computers. A large academic user room located in the east wing of the Memorial Gym building provides student access to the VAX systems, IBM, Macintosh, and Apple IIe personal computers throughout the summer. Approximately 50% of the user room operating hours are designated as times when no charging is in effect. Charging for computer use is made only during historically heavy use times. There is no accessory charge, such as CPU, pages printed and blocks stored. The charge for connect time for both the PC and VAX terminals is \$.50 per hour. A variety of software programs are available for the VAX and IBM systems. Pacific Lutheran University has adopted standard PC software for word processing, spread sheets, data bases and statistics. Consultants are on duty in the user room to help students with operational problems. The Computer Center offers a wide range of services, including free "how to" workshops. Check with the Computer Center for information about the user rooms operating hours, a list of the workshops, the current

software standards, the current charging schedule and any other questions you might have regarding the use of computer facilities at PLU.

The Computer Center's main offices are open 8 am until 5 pm during normal University operating hours.

Food Services

The Food Service Department endeavors to meet the needs of all and make a student's stay here a pleasurable and satisfying experience. The University Center cafeteria is open to all. Meals are also available at the University Center Coffee Shop and at Columbia Center Coffee Shop. The University Center Coffee Shop is open Monday through Thursday from 7 am-6 pm and Friday from 7 am-2 pm (unless posted otherwise). One popular item offered is a \$20 coupon book sold for \$18 that is good for food purchases. The book is purchased through the Business Office or the Coffee Shop. Also, a variety of meal plans are available through the Food Services office located in the University Center. A Coke trailer is available from 9 am-2 pm Monday-Friday during the summer. It serves a variety of items including sandwiches, hot dogs, coffee, juice, pop, donuts, fruit and individual salads. The trailer is located at the south entrance to the Administration Building.

If you have any questions about the services offered, please feel free to call the Food Services Office at (206) 535-7472.

MICA

(Minority, International, Commuter and Adult Services)

Historically a residential campus, PLU now has a substantial number of students who commute daily to attend classes. Commuters have indeed brought new meaning to the phrase *college student*. Foreign and minority students bring a glimpse of other parts of the world to the PLU campus. MICA offers these students academic support and special programs. MICA offices are located in the University Center, lower level. Stop in or call 535-7195.

Residential Life and Housing

Campus living continues to grow in popularity as an economical, convenient answer to housing needs during summer school. Rates remain well below the standard monthly rental for an apartment, and new, flexible summer meal plans enhance economy and convenience. Campus living also facilitates out-of-class interaction with faculty and other students.

Both single and double occupancy rooms are available. Single rooms are limited and are assigned on a space-available basis according to the order in which the Residential Life Office receives your request. Students and staff initiate and coordinate residence hall programs. Many programs take advantage of the natural resources of the Puget Sound area: mountains, lakes, recreation areas, and the ocean. All programs are designed to enhance your summer school experience.

You may obtain campus housing by contacting the Residential Life Office at (206) 535-7200, or by completing the pre-registration form inside the back cover of this catalog. See page 3 for specific costs.

Student Life

The Student Life Office is the administrative umbrella for PLU's Student Life organization. It gives overall direction to a variety of student services and acts as a central resource for student information and assistance. Departments within Student Life include: Career Services; Counseling and Testing Services; Health Services; Minority, International, Commuter and Adult Student Services (MICA); Residential Life; and the University Center. Student Life, through its services and programs, promotes a campus environment wherein students may explore, develop and learn in both academic and co-curricular contexts. Stop by Administration 130 or call (206) 525-7191 and get acquainted.

University Facilities

University Center (1970) is entering its twenty-first year as the gathering spot for students, faculty and guests of the University. In addition to dining facilities and the University Bookstore, the Center houses student government, Campus Ministry, MICA (Minority, International, Commuter and Adult) student services, and student media. Special features of the building include the Games Room, Coffee Shop, Cave (a student-run food and entertainment center), Information Desk and Scandinavian Cultural Center.

Hauge Administration Building (1960) houses University administrative offices, classrooms, faculty offices, studios and master control for closed circuit television.

The Robert A. L. Mortvedt Library (1966) is an air-conditioned multi-media learning resource center containing over one-quarter million books, periodicals, microfilm, and audio-visual aids, and on-line computer record-search capabilities. The building also houses the Computer Center, University Archives, and Photo Services. A student ID card is required to check out materials from the library, see "ID Cards" on page 5.

Xavier Hall (1937, remodeled 1966) houses classrooms, and offices for faculty of the Division of Social Sciences.

Ramstad Hall (1947, remodeled 1959 and 1985) houses the School of Nursing, the Writing Center, Cooperative Education, AURA, Academic Advising, and Career Services.

Memorial Gymnasium (1947, remodeled 1984) provides classroom and activity areas for the School of Physical Education and the Theatre program.

Eastvold Auditorium (1952) accommodates concerts, special events and plays. It also contains classrooms, stage and radio studios, ensemble practice rooms and individual practice rooms for the Music Department and the Communication Arts Department as well as the KPLU-FM radio studio.

Olson Physical Education Auditorium (1969) contains a 3,200 seat auditorium and complete indoor facilities for most sport/recreation activities.

Aida Ingram Hall (1955, remodeled 1971 and 1986) houses studios, offices and classrooms for the School of The Arts, the Art Department, Communication and Theatre Department, University Gallery for outside exhibitors and Wekell Gallery for student works.

William O. Rieke Science Building (1985) provides administrative offices, laboratories, and classroom, along with the 200-seat Leraas lecture hall for Biology, Chemistry, Earth Science and Physics Departments. The building was dedicated in January 1985

PLU East Campus (1914, acquired 1982, remodeled 1984) houses classrooms, a child care center, a gymnasium/dance studio, and offices for Special Education, Marriage & Family Therapy, and Social Work staff. Community outreach programs such as a Wellness Clinic, Second Wind (for senior citizens), family counseling, operate with PLU East Campus as base.

Recreational Facilities

PLU offers a broad variety of recreational opportunities for summer students. Exceptional facilities are available for most popular sports and pastimes! Free use of the Names Fitness Center, Olson Auditorium, and the Swimming Pool is available by presenting your student ID card (available from Registrar's Office). Reservation of racketball/squash courts is made by calling 535-7365. Schedules for use of all recreational facilities are available in the School of Physical Education office in Olson Auditorium.

Names Fitness Center was dedicated in 1984. This 5,500 sq. ft. facility contains the latest in weight training and other conditioning/fitness equipment, including an indoor jogging track. Hours: 8 am-9 pm, MTWRF, noon-4 pm, Sat.

Olson Auditorium is a multipurpose facility featuring a Sport Tred gymnasium floor and an AstroTurf fieldhouse. Activities include basketball, volleyball, badminton, handball, racketball, squash. Hours: 8 am-6 pm, MTWR, 8 am -1 pm, F.

RECREATION/DEGREES OFFERED

Swimming Pool offers a swimming area, diving pool, sun-bathing area, locker and dressing rooms. Hours: 6:30-8:50 am and 5-5:50 pm, MTWRF (adults only); 1-2:50 pm, MTWRF and 7-8:50 pm, MTWRFS (all ages); 3-4:50 pm, MTWRF (PLU students, faculty, staff only), MTWRF. Swim lessons are available for ages 4 through adult.

University Center Games Room features modern six-lane bowling alley, pool tables, table tennis, shuffleboard, and coin-operated table games. Hours: 11 am-10 pm, MTWRF.

University Golf Course is a 2,770-yard, nine-hole, par 35 layout with a reduced fee schedule for students. Hours: daylight.

Tennis Courts Six lighted courts are available on lower campus. PLU students, faculty, staff and summer/convention guests have use priority.

Off-Campus Recreation Numerous recreational opportunities exist close to the campus. Spanaway Park, located by Spanaway lake two miles south of campus, features canoe, rowboat and paddleboat rentals in addition to swimming, horseshoes, picnic facilities, golf and fishing. The public Spanaway Golf Course is a beautiful championship course with well-kept fairways, greens and traps.

Sprinker Recreation Center, also located two miles south of campus, has excellent facilities for tennis, track and field, softball, baseball, basketball, broom hockey and racketball. Sprinker also has a sunbathing area, locker and dressing rooms and an ice skating arena. For program days and times or court reservations, phone (206) 537-2600.

Degree Programs and Majors

Bachelor's Degrees

Bachelor of Arts

Anthropology	English	Philosophy
Art	French	Physics
Biology	German	Political Science
Classics	History	Psychology
Communication	Honors	Religion
Computer Science	Legal Studies	Scandinavian
Earth Sciences	Mathematics	Social Work
Economics	Norwegian	Spanish

Bachelor of Science

Biology	Engineering	Physics
Chemistry	Engineering Science (3-2)	
Computer Science	Engineering	Mathematics
Computer Science	Physics	
Earth Sciences (Geology Specialty)		

Bachelor of Arts in Education

Anthropology	Health	Science
Art	History	Social Studies
Biology	Journalism	Sociology

Chemistry	Latin	Spanish
Chinese	Mathematics	Special Education
Computer Science	Music	Speech
Drama	Norwegian	
Earth Sciences	Physical Education	
Economics	Physics	
English	Political Science	
Language Arts	Psychology	
French		
German		

Bachelor of Arts in Physical Education

Physical Education

Bachelor of Arts in Recreation

Administration Programming Therapeutics

Bachelor of Business Administration

Accounting
Finance
Human Resource Management
International Business
Management Information Systems
Marketing
Operations Management

Bachelor of Fine Arts

Art Communication (Broadcasting, Theatre)

Bachelor of Music

Piano Performance Instrumental Performance
Organ Performance Theory and Composition
Vocal Performance Church Music

Bachelor of Music Education

K-12 Choral; Instrumental (Band or Orchestra Emphasis)

Bachelor of Musical Arts

Bachelor of Science in Nursing

Bachelor of Science in Physical Education

Exercise Science Pre-Therapy

Master's Degrees

Master of Arts in Computer Applications

Master of Arts in Education

Master of Arts in Music

Master of Arts in Social Sciences

Master of Business Administration

Master of Physical Education

Master of Science in Computer Science

Master of Science in Nursing

Rights and Responsibilities

Upon registration, the student and his or her parents or legal guardian, as the case may be, agree to accept the responsibility and legal obligation to pay all tuition costs, room and board fees, and other special fees incurred or to be incurred for the student's education. The University, in turn, agrees to make available to the student certain educational programs and the use of certain University facilities, as applicable and as described in the catalog. A failure to pay all University bills shall release the University of any obligation to continue to provide the applicable educational benefits and services, to include statements of honorable dismissal, grade reports, transcript of records, diplomas, or pre-registrations. The student shall also be denied admittance to classes and the use of University facilities. Under certain circumstances student paychecks may be applied to unpaid balances.

All accounts 60 days delinquent are routinely reported to a credit bureau.

Pacific Lutheran University does not discriminate on the basis of sex, race, creed, color, national origin, age, or handicapped condition in the education programs or activities which it operates and is required by Title IX of the Education Amendments of 1972 and the regulations adopted pursuant thereto, by Title VII of the Civil Rights Act of 1974, and by Section 504 of the Rehabilitation Act of 1973 not to discriminate in such manner. The requirement not to discriminate in educational programs and activities extends to employment therein and to admission thereto. Inquiries concerning the application of said acts and published regulations to this University may be referred to:

1. The Director of Personnel, Room 107, Hauge Administration Building, Pacific Lutheran University, telephone (206) 535-7185, for matters relating to employment policies and grievance procedures for personnel employed by the university.
2. The Deputy Provost, Room 104, Hauge Administration Building, Pacific Lutheran University, telephone (206) 535-7125, for matters relating to student admissions, curriculum, and financial aid.
3. The Director of Counseling and Testing Services, Room 106, Ramstad Hall, Pacific Lutheran University, telephone (206) 535-7191, for matters regarding administrative policies relating to students, student services, and the student administrative grievance procedure.
4. The Director of Counseling and Testing Services, Room 106, Ramstad Hall, Pacific Lutheran University, telephone (206) 535-7191, for matters relating to the application of Section 504 of the Rehabilitation Act.
5. The Director of the Academic Advising and Assistance Center, Ramstad Hall, Pacific Lutheran University, telephone (206) 535-7519, for matters relating to the academic grievance procedure.
6. Or the Assistant Secretary for Civil Rights, U.S. Department of Education, Switzer Building, 330 C Street SW, Washington, D.C. 20202.

Pacific Lutheran University complies with the Family Education Rights and Privacy Act of 1974. Inquiries concerning the application of this act and published regulations to this university may be referred to the Executive Secretary to the Vice President and Dean for Student Life, Room 130, Hauge Administration Building, Pacific Lutheran University, telephone 206 535-7191, or the Family Education Rights and Privacy Office, Department of Education, 330 Independence Avenue SW, Washington, D.C. 20201, telephone (202) 245-0233.

The Summer of 1991 marks the very beginning of the second century of the university's life of teaching, research and service. The centennial celebration just completed has strengthened all aspects of the institution and made it better able to serve the needs of the nearly 2000 students who will study here this summer.

I invite you to make the summer productive academically and enjoyable personally. Many opportunities for study and recreation are available, and I hope you will engage them fully.

**-- William O Rieke, M.D.
President**



ANTHROPOLOGY

ANTH 220

Peoples of the World: China (2)

June 25-August 22

Taught by a visiting professor from China's Zhongshan University, this course introduces Chinese thought and life, the great thinkers and philosophers of Chinese history and offers insights into the Chinese religious world-view. Take a "guided tour" through the Chinese ritual year and learn how to celebrate Chinese holidays, how to go touring in China, how to speak "tourist Chinese," and even how to use Chinese word-processing! Readings and lectures supplemented by audio-visuals, guest speakers and a field trip. Tuition: \$203 per semester hour.

1930-2100, TR. ADMN-101. M. Zhu

ANTH 225

Past Cultures of Washington State (2)

Term II: June 29-July 20

Native Americans have lived in Washington State for at least the last 12,000 years. This course explores the cultures of the people in coastal and interior Washington beginning with the first northwesterners. We then examine the ways that cultures changed through time until the emergence of the distinctive cultures observed by the earliest European visitors to the area. Tuition: \$203 per semester hour.

0900-1600, Sat. XAVR-112. D.

Huelsbeck

§ANTH 377

Managing Cross-Cultural Diversity (2)

Term I: May 28-June 20

PLU, Tacoma, Washington State, the USA, the world -- all are multi-cultural environments and so no matter where you go, live, or work, we'll be dealing with peoples and cultures different from our own. This class aims provides practical guidelines on how to approach people of other cultures with sensitivity and empathy and with an

eye towards mutually rewarding interaction. Learn how to avoid negative attitudes towards cultural diversity and develop a positive curiosity about the global diversity represented in our workplaces, schools and neighborhoods. Exercises both in and out of class sensitize students to cultural diversity and to the unique perspectives of those other than ourselves. Fee: \$10 Tuition: \$203 per semester hour. 1800-2100, TR. XAVR-112. G. Guldin

§ANTH 465

Archaeology: The Field Experience (4)

Term II: June 24-July 19

Archaeological sites come in a variety of sizes and shapes; this course exposes students to some of this variation. We plan to test several different kinds of archaeological sites. The course emphasizes basic excavation skills, including digging, record-keeping, field drafting and field photography. An introduction to laboratory work includes preliminary artifact processing and learning to identify artifacts. Beginning or advanced Field Experience may be taken during either Term II or Term III. Lab fee: \$50 covers personal equipment, transportation to and from the site and crew T-shirt. Tuition: \$203 per semester hour. 0800-1700, MTWRF. XAVR-112. D. Huelsbeck

§ANTH 466

Archaeology: Advanced Field Experience (4)

Term III: July 29-August 23

This course builds on the introduction to field and lab techniques provided in ANTH 465. Excavation continues with an emphasis on recovering data to fill gaps revealed by preliminary analysis. The ultimate goal is to produce a preliminary report describing the excavation. Beginning or advanced Field Experience may be taken during either Term II or Term III. Lab fee: \$25 covers transportation to and from the sites. Prerequisite: ANTH 466. 0800-1700, MTWRF. XAVR-112. D. Huelsbeck

ART

ARTD 230/330/430 Ceramics I, II, III (4)

Term I: May 28-June 21

A multi-level ceramics course, of interest to beginners, teachers and those with experience. Traditional methods of clay work including wheel throwing and hand building, as well as glaze formation, air brushing and firing techniques. Includes a survey of the history of contemporary ceramics. No prerequisites, 230 must be taken before 330; 330 before 430. Fee: \$35 Tuition: \$203 per semester hour.

1230-1530, MTWRF. INGR-144.D. Keyes

ARTD 255/355 Jewelry (4)

Term III: July 29-August 23

Enameling is the fusing of colored glass to metal as decoration on jewelry and other objects. The resultant glazed color can be made to be transparent or opaque. In addition to critiques of ancient and modern work on slides, techniques include: stencils, scraffitto, threads and lumps, 3-part enamel. Assigned projects: bowls, earrings, pins, necklaces, bolas. Fee: \$40 Tuition: \$203 per semester hour.

1300-1600, MTWRF. INGR-134B.

C.DeGroot

ARTD 328

Landscape Photography (4)

Term II: June 24-July 19

Landscape Photography examines our changing perceptions of the natural environment and how photographers reflect, interpret and shape those views by what they select to photograph and the techniques they choose to use. For both the beginner and advanced photography student. Includes black and white and color processing and printing techniques. Fee: \$45 Tuition: \$203 per semester hour.

1300-1600, MTWRF. INGR-134A. B.

Geller

BIOLOGY

BIOL 111
Biology and the Modern World (4)

Term II: June 24-July 19

An introduction to biology, primarily designed for non-biology majors. Fundamental concepts chosen from all areas of modern biology including the environment, population, human anatomy and physiology, genetics, evolution and biological control. Includes laboratory. No prerequisites; satisfies general university requirements. For further information, contact D.J. Martin (206) 535-7564. Tuition: \$203 per semester hour. 0800-1215, MTWRF. RCTR-122. D. Martin

BIOL 112
Humanistic Botany (4)

Term I: May 28-June 21

An introduction to the basic principles of biology with an emphasis on plants and their impact on people. Topics include: basic plant structure and function; poisonous plants; medicinal plants; food plants; propagation of house plants; home care of plants; plant identification. Includes laboratory. No prerequisites; satisfies general university requirements. For further information, contact John Main (206) 535-7567. Tuition: \$203 per semester hour. 0800-1215, MTWRF. RCTR-122. J. Main

BIOL 114
Biotechnology: Principles and Issues (4)

Term III: July 29-August 23

An introduction to the rapidly developing applied science, biotechnology. Topics range from traditional food fermentations to the controversial medical and agricultural applications of gene cloning. Emphasis is on basic science principles and the impact of biotechnologies upon society. Format includes lectures, videotape segments, laboratory experiments and excursions. Designed for the non-biology major.

No prerequisites; satisfies general university requirements. For further information, contact David Kerk (206) 535-7357. Tuition: \$203 per semester hour. 0800-1215, MTWRF. RCTR-136. D. Kerk

BIOL 201
Introduction to Microbiology (4)

Term III: July 29-August 23

The growth, control, physiology, isolation and identification of microorganisms, especially those which affect human beings. Includes laboratory. For further information, contact Angie Alexander (206) 535-7545. Prerequisite: CHEM 105, Chemistry of Life, or consent of the instructor. Tuition: \$203 per semester hour. 0800-1215, MTWRF. RCTR-122. A. Alexander

BIOL 205
Human Anatomy & Physiology (4)

Term II: June 24-July 18

Lecture topics include: matter; cells and tissues; nervous, endocrine, skeletal and muscular systems. Laboratory includes: human skeletal system; cat dissection; experiments in muscle physiology and human reflexes; special senses. Required for nursing and physical education curricula. No prerequisite. For further information, contact Tom Carlson, (206) 535-7549. Tuition: \$203 per semester hour. 0800-1045, MTWR, RCTR-115. Plus Lab, TWR, 11:30-2:30 pm RCTR-116. T. Carlson/J. Lerum

BIOL 206
Human Anatomy & Physiology (4)

Term III: July 29-August 22

Lecture topics include: circulatory, respiratory, digestive, excretory and reproductive systems; metabolism; temperature regulation; stress, human development. Laboratory includes: cat dissection; physiology experiments; study of developing organisms. Prerequisite: BIOL 205, Human Anatomy and Physiology or equivalent.

For further information, contact Tom Carlson, (206) 535-7549. Tuition: \$203 per semester hour.

0800-1045, MTWR, RCTR-115. Plus Lab, TWR, 11:30-2:30 pm RCTR-116. T. Carlson/J. Lerum

BIOL 351
Natural History of the Pacific Northwest (4)

Term I: May 28-June 21

An introduction to the natural history and literature of the Pacific Northwest: geology, climatology, oceanography, ecology, common life forms and human impact from the Continental Shelf to the Columbia Basin. Includes one day field trips to Puget Sound and the Cascades, as well as three day trips to the Olympic Peninsula (June 29-July 1) and to the Columbia Gorge and Basin (July 12-14). Scholarships may be available to Washington State teachers. Travel fee: \$30. For further information contact Richard McGinnis, (206) 535-7570. Tuition: \$203 per semester hour. 0930-1700, MTWRF. RCTR-124. R. McGinnis

BIOL 502
Advanced Placement Institute: Biology (2)

Term WW: July 22-26

An institute designed for high school teachers preparing to offer Advanced Placement Biology. The institute addresses content for an advanced placement course, the advanced placement test, review of text materials and an overview of typical college general biology courses designed for potential biology majors. A major emphasis is laboratory exercises; participants carry out exercises suitable for Advanced Placement Biology courses. The institute is conducted by college faculty with experience teaching general biology and by high school teachers who currently offer Advanced Placement courses. For further information, contact David Hansen (206) 535-7565. Tuition: \$228 per semester hour. 0900-1600, MTWRF. RCTR-115. D. Hansen

BUSINESS ADMINISTRATION

Eligibility cards are required for all business classes. Contact the School of Business Administration at (206) 535-7244 to obtain one.

BUSA 230 Law and Society (4)

Term MBA I: June 3-July 11
A study of the American legal system and the legal relationships among the natural environment, individuals, groups, business organizations, governmental agencies and the judicial system. Current business and social problems are addressed from a global perspective with an emphasis on business ethics and social responsibility. Prerequisite: Sophomore standing. Tuition: \$203 per semester hour. 1800-2200, MR. ADMN-211. B. Ahna

BUSA 281 Financial Accounting (4)

Term I: May 28-June 20
An introduction to accounting concepts and principles. Valuation theories in the U.S. compared to those in other nations. Preparation (manual and computer) and analysis of financial reports. Prerequisite: Sophomore standing. Tuition: \$203 per semester hour. 0900-1215, MTWR. ADMN-217. G. Van Wyhe

BUSA 282 Management Accounting (4)

Term II: June 24-July 18
Introduction to the use of accounting data in planning, control and decision making. Topics include cost-volume-profit relationships, cost accounting methods, management accounting systems and budgeting; spreadsheet applications; international applications of performance evaluation systems. Prerequisite: BUSA 281, Financial

Accounting; MATH 128, Mathematics for Business and the Behavioral Sciences; CSCI 220, Computerized Information Systems with BASIC; Sophomore standing. Tuition: \$203 per semester hour. 0900-1215, MTWR. ADMN-217. L. Hegstad

BUSA 350 Management (4)

Term II: June 24-July 18
A critical examination of the principles and processes of administration in an increasingly international context. Management techniques and the functions of planning, organizing, leading, directing and controlling are discussed from the classical, behavioral and more recent integrative points of view. Includes the study of concepts and characteristics related specifically to the operations function. Introduction to case analysis and problem solving techniques. Prerequisite: ECON 150, Principles of Economics; STAT 231, Introductory Statistics (may be concurrent); BUSA 281, Financial Accounting; Junior standing. Tuition: \$203 per semester hour. 1300-1615, MTWR. ADMN-215. G. Waters

BUSA 354 Human Resource Management (4)

Term III: July 29-August 22
Detailed examination of the behavior of individuals and groups in business organizations, with emphasis on policies and practices for solving problems. Fundamentals of personnel/human resource procedures in the U.S. and other countries. International aspects of human resource management provide insight into the problems of managing foreign operations. Prerequisite: BUSA 281, Financial Accounting; BUSA 350, Management; ECON 150, Principles of Economics; STAT 231, Introductory Statistics; Junior standing. Tuition: \$203 per semester hour. 1300-1615, MTWR. ADMN-215. T. Sepic

BUSA 364 Managerial Finance (4)

Term I: May 28-June 20
Introduction to the principal problems, theories and procedures of financial management: valuation, financial planning, financial statement analysis, capital asset acquisition, cost of capital, financing strategies (including capital structure theory and dividend policy), management of working capital accounts and financial dimensions of international trade (including foreign exchange risk, country risk, translation gains and losses). Prerequisite: CSCI 220, Computerized Information Systems with BASIC (or equivalent); ECON 150, Principles of Economics; MATH 128, Mathematics for Business and the Behavioral Sciences (or equivalent); STAT 231, Introductory Statistics; BUSA 281, Financial Accounting; Junior standing. Tuition: \$203 per semester hour. 0900-1215, MTWR. ADMN-221. S. Bancroft

BUSA 370 Marketing Systems (4)

Term I: May 28-June 20
The flows of goods and services in the U.S. and global economies; economic and behavioral approaches to the analysis of domestic and international demand; the role of marketing functions in business and not-for profit organizations. Determination of a marketing mix: product policy, pricing, channels and physical distribution and marketing communications. Prerequisite: ECON 150, Principles of Economics; MATH 128, Mathematics for Business and the Behavioral Sciences (or equivalent); STAT 231, Introductory Statistics; BUSA 281, Financial Accounting; Junior standing. Tuition: \$203 per semester hour. 1330-1645, MTWR. ADMN-215. S. Thrasher

**BUSA 455 01
Business Policy (4)**

Term I: May 28-June 20
Study of organizational administration from top management perspective. Formulation and execution of strategies and policies to integrate all management and business functions in support of organizational objectives. Implications of resource availability, technology and the economy; education, religion, ethics and personal values; social responsibility; public policy; and international relations for top management decisions. Includes comprehensive case analyses. Prerequisite: BUSA 281, Financial Accounting; BUSA 282, Management Accounting; BUSA 350, Management; BUSA 354, Human Resource Management; BUSA 364, Managerial Finance; BUSA 370, Marketing Systems; MATH 128, Math for Business and the Behavioral Sciences; CSCI 220, Computerized Information Systems with BASIC; ECON 150, Principles of Economics; STAT 231, Introductory Statistics; Senior standing. Tuition: \$203 per semester hour.
0900-1215, MTWR. ADMN-215. W. Yager

**BUSA 455 02
Business Policy (4)**

Term MBA II: July 15-August 22
See description under BUSA 455 01 above. Tuition: \$203 per semester hour.
1800-2200, MR. ADMN-215. J. Daniel

**BUSA 520
Programming
for Managers (4)**

Term MBA II: July 15-August 21
Computer programming including branching, looping, subscripts, input/output, character manipulation, subroutines, file manipulations, data storage and retrieval. Advanced work with software packages. Prerequisite: BUSA 505, Management Use of Computers. Tuition: \$356 per semester hour.
1800-2200, MW. ADMN-213. E. Harter

**BUSA 550
Organizational Behavior
and Environment (4)**

Term MBA I: June 3-July 11
Open sociotechnical systems within which a manager operates. Three major perspectives are encompassed: The external organization environment, including legal, ethical, social, economic, political and international influences; the organization itself as an entity; and the internal organization environment. Comparisons with administrative practices in other countries and cultures. Prerequisite: BUSA 502, Fundamentals of Management and Marketing. Tuition: \$356 per semester hour.
1800-2200, MR. ADMN-219. C. Schultz

**BUSA 555
Business Strategy
and Policy (4)**

Term MBA I: June 3-July 11
An integrated management approach based on decision-making analysis in complex cases and comprehensive field situations. Advanced readings and library research integrate concepts of management and business functions including consideration of legal, social and international aspects of the business environment. Prerequisite: BUSA 551, Operations Management Seminar; BUSA 564, Financial Management Seminar; BUSA 570, Marketing Management Seminar, any one of which may be taken concurrently with 555. Tuition: \$356 per semester hour.
1800-2200, MR. ADMN-221. G. Waters

**BUSA 582
Accounting Information
and Control (4)**

Term MBA II: July 15-August 22
Applications of accounting information, services and systems to management problems. Impact on decision making by international accounting practices. Prerequisite: BUSA 501, Fundamentals of Accounting and Finance; BUSA 505, Management Use of Computers. Tuition: \$356 per semester hour.
1800-2200, MR. ADMN-217. L. Hegstad

**BUSA 590
Seminar: Planning
and Developing
New Products (4)**

Term MBA I: June 3-July 11
Study of the process required for developing a new product or setting up a project. Students typically work in teams of two or three and walk through the appropriate steps. Each group presents a proposal as the end product of the class. Some areas which are addressed include the external environment (economic conditions, competition and socioculture) and internal variables such as resources and company philosophy. Tuition: \$356 per semester hour.
1800-2200, MR. ADMN-215. S. Thrasher

CHEMISTRY**CHEM 104
Environmental Chemistry (4)**

June 24-August 23

Basic principles of chemical structures and reactions and practical applications; overview of chemistry and its impact on society; scientific method; problem solving skills; current topics in environmental and consumer chemistry (e.g., polymers, toxic materials, radioactivity, pollution, food additives). Preparatory to CHEM 105, Chemistry of Life, or CHEM 115, General Chemistry for those lacking high school chemistry. Meets general university core requirements. Tuition: \$203 per semester hour.

1800-2100, MR RCTR-224 Plus Lab W
1800-2100 RCTR 201. W. Giddings

**CHEM 105
Chemistry of Life (4)**

Term I: May 28-June 21

General, organic and biochemistry pertinent to chemical processes in the human organism; suitable for liberal arts students and prospective teachers. Meets general university requirements. Students who have not completed high school chemistry are encouraged to take CHEM 104 before taking CHEM 105. Tuition: \$203 per semester hour. 0930-1215, MTWR, RCTR-220. Plus Lab TR, 1300-1530, RCTR-201. C. Anderson

**CHEM 321
Analytical Chemistry (4)**

Term I: May 28-June 21

Chemical methods of quantitative analysis, including volumetric, gravimetric and selected instrumental methods. Prerequisite: CHEM 116, General Chemistry; MATH 133, College Algebra and Trigonometry. Tuition: \$203 per semester hour.

0800-1045, MTWR, RCTR-224. Plus Lab MTWR, 1300-1600, RCTR-201. L. Huestis

**CHEM 436
Advances in Chemical
Instrumentation (1)**

Term III: July 29-August 2

Theory and application of modern chemical instrumentation to problems in chemistry. This summer the focus is on high field nuclear magnetic resonance spectrometry and gas chromatography-mass spectroscopy. Suitable for high school chemistry teachers, community college faculty, or industrial scientists wishing to update their knowledge of modern instrumentation. Participants have "hands-on" experience and collect and interpret data on specific samples of interest to the individual participant. Tuition: \$203 per semester hour.

0900-1600, MTWRF. RCTR-224. S. Tonn/C. Fryhle

**CHEM 502
Advanced Placement
Institute: Chemistry (2)**

Term WW: July 22-July 26

Instruction in chemistry can range from extremely theoretical approaches, to very qualitative presentations. The wide range of methods has caused considerable discussion within the discipline in recent years. The excessive tilt towards theory has been the main issue. The Institute focuses on the diversity of the discipline and teaching approaches. Explore several categories including: (1) course content, (2) current teaching methods, (3) learning communities in science and (4) the role of experimentation in chemistry. Designed for those teaching or planning on teaching AP chemistry. Significant time is devoted to laboratory experiments for AP chemistry. In addition, sharing experiences and samples of teaching materials is encouraged. Emphasis is on techniques that have been successful and on the use of active learning approaches. Tuition: \$228 per semester hour.

0900-1600, MTWRF. RCTR-224. D. Swank

**COMMUNICATION
AND THEATRE****COMA 326
Small Group
Communication (4)**

June 24-August 23

Focuses on the nature of communication in group structures. Examination of how communication influences the dynamics of group organization and consider how communication can shape, alter, or improve group processes. Examination of the role played by conflict and discuss communication methods for managing group problems. Students participate in theoretical discussion and practical application. Read and discuss current research explaining group processes and dynamics and apply the theories in practical contexts to a variety of group cases. Tuition: \$203 per semester hour. 1800-2100, MW. INGR-109. E. Inch

**SCOMA 335
Intercultural Communica-
tion Workshop (2)**

Term I: May 28-June 21

Designed to acquaint students with the influence of cultural backgrounds, perceptual systems, social organization, language and nonverbal messages in intercultural communication. Intercultural "experiences" outside the classroom are arranged and required. Intended for anyone whose work or lifestyle is likely to intensely involve them with someone from another culture. Tuition: \$203 per semester hour.

1800-2115, MW. INGR-109. G. Wilson

§COMA 336

Images of Women in Mass Media (4)

Term III: July 29-August 23
 Designed to acquaint the student with perspectives on the ways in which women have been and are presented and represented in the American mass media. Students analyze images of women as portrayed in advertising, magazines, books, television and film. Students are involved in original research using content or rhetorical analysis. Tuition: \$203 per semester hour.
 0930-1215, MTWRF. INGR-109. J. Ewart

COMA 450 Public Speaking Workshop (2)

Term WW: July 22-July 26
 Designed to enhance public speaking skills. Covers audience analysis, topic selection, organization of ideas, types of speeches, using visual aids and delivery. Designed to provide techniques for those who find themselves in a speaking situation, but feeling very uncomfortable, as well as those who wish to gain greater confidence in presentation of their ideas. No prerequisite. Tuition: \$203 per semester hour.
 0900-1600, MTWRF. INGR-109. S. Nolan

THEA 458 Creative Dramatics (4)

Term II: June 24-July 19
 Designed to acquaint the student with materials, techniques and theories of creative dramatics. Students design and participate in creative dramatics activities. Intended for elementary and junior high school teachers or prospective teachers, theatre majors, religious leaders, youth and camp counselors, day care workers, social and psychological workers and community theatre leaders interested in working with children. Tuition: \$203 per semester hour.
 0930-1215, MTWRF. MGYM-202 (Theatre). W. Parker

COMPUTER SCIENCE

(See also Mathematics, page 41)

CSCI 110 BASIC (2)

Term I: May 28-June 21
 Introduction to interactive computing, branching, looping, subscripts, functions, input/output and subroutines in the context of the BASIC language. CSCI 110 and 220 may not both be taken for credit. Prerequisite: High School Algebra Tuition: \$203 per semester hour.
 0930-1045, MTWRF. RCTR-221. C. Dorner

CSCI 144 Introduction to Computer Science (Pascal) (4)

June 3-July 12
 An introduction to computer science including algorithm design, structured programming, numerical/non-numerical applications and use of data files. Pascal programming language is used. Prerequisite: Either MATH 140, Functions and Analytic Geometry; or MATH 128 Mathematics for Business and the Behavioral Sciences; (or equivalent). Tuition: \$203 per semester hour.
 0900-1045, MTWRF. MGYM-102. Staff

CSCI 210 Computerized Information Systems (2)

Term II: June 24-July 19
 Computer Systems MS-DOS, spreadsheets, graphics and file management using existing software packages on IBM PC's. Knowledge of word processing required or a word processing class outside of regular class time is required. CSCI 210 and CSCI 220 cannot both be taken for credit. Prerequisite: CSCI 110, BASIC; MATH 128, Mathematics for Business and the

Behavioral Sciences, or Math 140, Functions and Analytic Geometry; or equivalent. Tuition: \$203 per semester hour.
 0930-1045, MTWRF. RCTR-221. Staff

CSCI 270 Data Structures (4)

July 15-August 23
 Continuation of Pascal programming techniques and a study of basic data structures including linked lists, tree, queues, stacks and graphs. Applications of these forms to sorting, searching and data storage is made. Prerequisite: CSCI 144, Introduction to Computer Science Tuition: \$203 per semester hour.
 0900-1045, MTWRF. MGYM-102. Staff

CSCI 490* Robotics (4)

May 28-June 28
 An introduction to the design, operation and application of robots. The course covers issues in robot cinematics and robot vision in class lectures. Major assignments involve the simulation of robot movement and work with programming actual robot systems. *May be taken for graduate credit, see CSCI 590 below. Prerequisite: CSCI 270 and CSCI 362. Tuition: \$203 per semester hour.
 0800-1010, MTWRF. RCTR-222. R. Spillman

CSCI 590* Robotics (4)

May 28-June 28
 *May be taken for undergraduate credit, see course description under CSCI 490. Prerequisite: CSCI 270 and CSCI 362. Tuition: \$228 per semester hour.
 0800-1010, MTWRF. RCTR-222. R. Spillman

CSCI 502 01* **Appleworks for Teachers (2)**

June 24-July 5

Designed to help teachers develop a high level of proficiency with one of the most popular computer software packages used in educational settings . . . Appleworks. Teachers are introduced to the concepts and use of a word processor, spreadsheet and database with the Appleworks integrated software package. Two major areas of emphasis are stressed; the use of Appleworks as a teacher tool, for example, classroom record keeping, gradebook and educational materials production and the use of the Appleworks program as part of the classroom curriculum. No prior computer experience is necessary. *May also be taken as EDUC 503C03, see page 20. Does not count toward Computer Science degrees. Tuition: \$228 per semester hour.
0900-1200, MTWRF. RAMS-204. J. Beaulieu

CSCI 502 02* **Appleworks for Teachers (2)**

July 29-August 9

See description above. *May also be taken as EDUC 503T18, see page 22. Does not count toward Computer Science degrees. Tuition: \$228 per semester hour.
1300-1600, MTWRF. RAMS-204. J. Beaulieu

CSCI 504* **Advanced Appleworks (2)**

August 12-August 23

Topics include an extensive study of the database package, mail merge, transfer of data between a database, spreadsheet and word processor. Other topics include Macros, printer codes, printer drivers and interface card settings. Prerequisite: CSCI 502/EDUC 502, Appleworks for Teachers; or a good knowledge of Appleworks Word Processing and Spreadsheet programs (with instructor's permission). *May

also be taken as EDUC 503Z24, see page 22. Does not count toward Computer Science degrees. Tuition: \$228 per semester hour.
1300-1600, MTWRF. RAMS-204. J. Turner

CSCI 505* **Computers in Language Arts Curriculum (2)**

June 25-July 18

An examination of ways in which the computer can be used to enhance the K-12 language arts curriculum. Topics include: grade- appropriate keyboarding and word processing skills and software, current language arts software, activities in telecommunications, desktop publishing, LogoWriter and other computer-assisted curricular materials. *May also be taken as EDUC 503J09, see page 21. Tuition: \$228 per semester hour.
1800-2100, TR. RAMS-204. T. Lamas

CSCI 506* **Database & Telecommunication in the Classroom (2)**

July 29-August 9

An examination of the use of database packages to teach some aspects of problem solving strategies and student research skills in the K-12 curriculum. Topics include: principles of database programs, learning to use two different database programs, AppleWorks and Fredbase; sources of educational databases which can be used in the curriculum, strategies of teaching database and research skills to students; the use of telecommunications to access professional educational databases; and the telecommunications potential for new curricular directions in the classroom. Prerequisite: CSCI 502/EDUC 502, Appleworks for Teachers; or EDUC 503, Microcomputers in the Classroom; or equivalent experience and permission of the instructor. *May also be taken as EDUC 503Q15, see page 21. Tuition: \$228 per semester hour.
0900-1200, MTWRF. RAMS-204. J. Beaulieu

CSCI 507* **Computer Technology and the Teaching of Problem Solving (2)**

July 30-August 22

An examination of the use of the computer to present new approaches to the teaching of problem solving skills throughout the curriculum. Topics include theories of teaching problem solving, integrating the computer into the teaching of problem solving, software designed to promote problem solving skills, curricula which incorporate the computer into the teaching of problem solving and methods of evaluation. *May also be taken as EDUC 503W21, see page 22. Does not count toward Computer Science degrees. Prerequisite: CSCI 502/EDUC 502, Appleworks for Teachers; or EDUC 50X, Microcomputers in the Classroom; or equivalent experience and permission of the instructor. Tuition: \$228 per semester hour.
1800-2100, TR. RAMS-204. J. Beaulieu

CSCI 508* **Advanced Computers in Special Education (2)**

July 8-July 19

A detailed examination of using computers to manage IEPs, test results and required compliance data. The first part of the course is a detailed examination of the AWARE program, a special education data management system designed around the Appleworks word processor and database programs. The course also includes the examination of adaptive devices for the handicapped. Emphasis is on the Adaptive Firmware Card, the Unicorn expanded keyboard and talking word processors. Prerequisite: SPED 494, Computer Applications for the Handicapped; or EDUC 502/ CSCI 502, Appleworks for Teachers. EDUC 504, Advanced Appleworks, is strongly recommended. *May also be taken as SPED 503B02, see page 36. Does not count toward Computer Science degrees. Tuition: \$228 per semester hour.
1300-1600, MTWRF RAMS-204 J. Beaulieu

CSCI 509***Computers in the Math Curriculum****(2)**

July 29-August 21

Designed to introduce teachers to the use of the computer in the mathematics curriculum at both the elementary and secondary levels. Topics include computer mathematics packages, Logo, problem solving software, mathematics software for individual and group settings, spreadsheets and computers and interactive video disks in the mathematics curriculum. Examination of software appropriate for at-risk and remedial students. *May also be taken as EDUC 503V20, see page 22. Does not count toward Computer Science degrees. Tuition: \$228 per semester hour.

1800-2100, MW. RAMS-204. J. Turner

CSCI 551**Advanced Placement Institute:****Computer Science****(2)**

July 22-July 26

The Advanced Placement Computer Science summer institute is a one-week intensive workshop for high school teachers of AP computer science courses. The institute consists of general sessions for all participants and special sections for advanced AP teachers and beginning AP teachers. The general sessions cover the following topics: 1) teaching Pascal, problem solving and program design with system analysis and software engineering techniques; 2) an examination of the new AP curriculum; 3) a brief introduction to other structured languages, C and Modulo 2; 4) alternatives to Apple Pascal; 5) a brainstorming and sharing session with other teachers of AP courses. The advanced section explores strategies for teaching recursion and analysis of algorithm complexity. The beginning section introduces recursion, pointers, trees, stacks, queues and other data structures taught in the AP course. Pre-

requisite: One college-level Pascal course or comparable experience with consent of instructor. Tuition: \$228 per semester hour.

0900-1600, MTWRF. RAMS-204. J. Beaulieu

EARTH SCIENCE**ESCI 202****Oceanography****(4)**

Term II: June 24-July 19

Oceanography and its relationship to field, physical, chemical, biological, climatic and geological aspects of the sea. Pacific Northwest coastal processes are stressed, field trips, with one weekend field trip required. Labs included. Tuition: \$203 per semester hour.

0800-1215, MTWRF. RCTR-109. S. Benham

ESCI 222 01**Conservation of Natural Resources****(4)**

Term I: May 28-June 21

Principles and problems of public and private stewardship of our resources with special reference to the Pacific Northwest. Tuition: \$203 per semester hour.

0930-1215, MTWRF. RCTR-109. B. Smith

ESCI 222 02**Conservation of Natural Resources****(4)**

June 24-August 21

Principles and problems of public and private stewardship of our resources with special reference to the Pacific Northwest. Tuition: \$203 per semester hour.

1800-2100, MW. RCTR-109. S. Benham

ESCI 425**Geological Field Mapping(5)**

July 22-August 23

Learn mapping techniques, basic surveying methods, construction of geologic cross sections, aerial photograph analysis. Field studies include the Cascade Mountains and Columbia River Basalt Plateau. Designed for undergraduate Earth Science majors; graduate students without prior summer field camp experience welcome. Bring sleeping bag, towels, toiletries, etc. Non-refundable registration fee of \$25 is fully applicable toward tuition. Food and lodging costs for five weeks are \$450. For itinerary and further details, write: Pacific Lutheran University, Dept. of Earth Sciences, Tacoma WA 98447. Tuition: \$203 per semester hour.

0800-1700, MTWRF. RCTR-108. B. Lowes

ECONOMICS**ECON 150****Principles of Economics (4)**

Term I: May 28-June 21

Introduction to the scope of economics, including macro and micro economics; analysis of the U.S. economic system; emphasis on current economic policy. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-200. N. Peterson

STAT 231 Introductory Statistics**(4)**

Term I: May 28-June 21

Available for Statistics credit only, listed here for convenience of students. Tuition: \$203 per semester hour.

0800-1045, MTWRF. ADMN-206. R. Jensen

ECON 331**International Economics (4)**

Term I: May 28-June 21

Regional and international specialization, comparative costs, international payments and exchange rates; national policies which promote or restrict trade. Prerequisite: ECON 150, Principles of Economics. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-202. M. Reiman

ECON 352**Intermediate Micro Economic Analysis (4)**

Term III: July 29-August 23

The theory of consumer behavior; product and factor prices under conditions of competition, monopoly, and intermediate markets; welfare economics. Prerequisites: ECON 150, Principles of Economics; & MATH 128, Mathematics for Business and the Behavioral Sciences, MATH 140, Functions, Analytic Geometry and Probability, or MATH 151, Analytic Geometry and Calculus. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-217. N. Peterson

ECON 361**Money and Banking (4)**

Term I: May 28-July 25

The nature and role of money; monetary theory; tools and implementation of monetary policy; regulation of intermediaries; banking activity in financial markets; international consequences of and constraints on monetary policy. Prerequisite: ECON 150, Principles of Economics. Tuition: \$203 per semester hour.

1800-2100, MR. ADMN-202. R. Nugent

ECON 500**Applied Statistical Analysis (4)**

Term MBA I: June 3-July 11

Intensive introduction to statistical methods for graduate students who have not previously taken Introductory Statistics. Emphasis on applications of

inferential methods. Topics include measures of location and variation, probability, estimation, significance tests and regression. Does not count for Statistics Minor. *Eligibility card required; contact School of Business Administration at (206) 535-7250 to obtain one.* Tuition: \$356 per semester hour.

1800-2200, MR. ADMN-204A. R. Jensen

ECON 543**Quantitative Methods (4)**

Term MBA II: July 15-August 22

The concepts of probability, sampling, statistical decision theory, linear programming and other deterministic models applied to managerial problems. Prerequisite: STAT 231 or 341. *Eligibility card required; contact School of Business Administration at (206) 535-7250 to obtain one.* Tuition: \$356 per semester hour.

1800-2200, MR. ADMN-200. T. Phelps

EDUCATION**EDUC 325*****Reading in the 90s K-8 (4)**

Term II: June 24-July 19

Develop a deeper understanding of the reading process based on current theory and "best evidence." Special focus is given to theory-based practices for elementary school teaching. A developmental, communication-focused approach is presented. Integrative and thematic methods drawn from whole language and language experience approaches and ways of working with basal programs are explored. Informal assessment methods are examined. Strategies for teaching reading comprehension, vocabulary, metalinguistic awareness and varying text structures are studied. The

strategies, techniques and activities which are presented serve as instructional models for reading programs at any elementary grade level. *Available for graduate level credit, see EDUC 524, below. Prerequisite: EDUC 322, 323, or 324, General Methods. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-206. E. Glasgow

EDUC 408***Current Trends for Language Arts (Elementary) (2)**

Term II: June 24-July 19

Students actively participate in exploring language and language arts in all its forms: speaking, listening, reading, writing, literature, drama, writing as a process and nonverbal/symbolic expression. Integration of instruction and ways of using students' strengths in "bringing them to literacy" are explored, with particular attention given to working with at-risk learners, minority and ESL students. Emphasis is given to working from appropriate theoretical bases, current holistic trends and the developmental nature of literacy acquisition. Students develop and share an integrated unit. *Available for graduate level credit, see EDUC 508, below. Tuition: \$203 per semester hour.

1300-1420, MTWRF. ADMN-204A. E. Glasgow

EDUC 410**Science & Health in the Elementary School (2)**

Term II: June 24-July 19

Incorporates materials and methods necessary to illustrate inter-active, process-oriented teaching of science and health. Two-day, overnight field trip included. Tuition: \$203 per semester hour.

1100-1215, MTWRF. RCTR-102. M. Churney

EDUC 412*
Current Issues in Social Studies K-8 (2)

Term II: June 24-July 19
 Assists teachers in selecting the content and processes for elementary social studies programs. Emphasis is on the integration of social studies with other areas of curriculum. *Available for graduate level credit, see EDUC 512, below. Tuition: \$203 per semester hour.
 0930-1045, MTWRF. ADMN-117. D. Mosher

EDUC 420
Problems of Reading in the Secondary School (2)

Term III: July 29-August 23
 Teaching secondary reading in the content areas; attention to developmental reading problems; materials, methods, techniques and procedures. Pass/Fail only. Prerequisite: EDUC 262, Foundations of Education; or equivalent. Tuition: \$203 per semester hour.
 1100-1220, MTWRF. ADMN-213. A. Mallon

EDUC 421
Teachers and the Law (1)

Term I: May 28-June 6
 A brief study of students' parents' and teachers' rights and responsibilities with some emphasis on the question of liability. Pass/Fail only. Tuition: \$203 per semester hour.
 1600-1750, MTWR. ADMN-117. C. DeBower

EDUC 451
Administration of the School Library (2)

Term II: June 24-July 19
 Library organization and administration in elementary and secondary schools. Tuition: \$203 per semester hour.
 1100-1215, MTWRF. LIBR-106. M. Baldwin

EDUC 452
Basic Reference Materials (2)

Term II: June 24-July 18
 Resources and procedures which support information services in elementary and secondary school library media centers form the focus of this course. Investigation of print and electronic information tools used in K-12 programs, including on-line and CD-ROM resources and field visits to major Puget Sound libraries are included. Tuition: \$203 per semester hour.
 0930-1045, MTWR. LIBR-106. C. Yetter

EDUC 453
Processing School Library Materials (2)

Term II: June 24-July 19
 Classification, cataloging and technical processing of materials. Tuition: \$203 per semester hour.
 0800-0915, MTWRF. LIBR-106. R. Sherman-Peterson

EDUC 454
Selection of Learning Resource Materials (2)

Term I: May 28-June 20
 Criteria, professional literature and techniques of evaluation of print, non-print and computer-related materials in school library media centers. Community analysis techniques, intellectual freedom issues and collection development strategies form the major focus of this course. Tuition: \$203 per semester hour.
 1630-1930, TR. LIBR-106. C. Yetter

EDUC 456
Storytelling (2)

Term III: July 29-August 21
 Exploration of the art of storytelling, from finding the right story to using storytelling to enliven classroom instruction. Examination of the kinds

of stories most appropriate for telling. Practice in learning and telling a variety of stories. Imagination-stretching exercises for use both by teachers and students. Appropriate for elementary and secondary teachers. Tuition: \$203 per semester hour.
 1230-1630, MW. ADMN-209. C. Wellner

EDUC 457
The Arts, Media and Technology (2)

Term II: June 24-July 19
 Students use a variety of techniques, equipment and materials to explore ways of seeing and expressing their environment and explore ways of incorporating these techniques into the classroom. Computers, video, animation, laser disks, photography along with slide shows, movies, film strips and overheads are manipulated as classroom media. Additional lab time must be scheduled. K-12. Fee: \$20. Tuition: \$203 per semester hour.
 1400-1515, MTWRF. LIBR-Media. M. Churney

EDUC 473
Parent-Teacher Relationships (2)

Term III: July 29-August 23
 Issues and skills important in conferencing and parent-teacher relationships. Emphasis on effective communication skills. Special education majors and teachers examine relevant placement processes and parent needs. Tuition: \$203 per semester hour.
 1230-1345, MTWRF. ADMN-217. B. Neufeld

EDUC 483 Primary Reading (2)

Term II: July 8-July 18

Methods and materials that emphasize a developmental perspective of early/emerging literacy teaching and learning. Current theory into practice includes a focus on the parallels between oral language acquisition and literacy teaching/learning, the use of children's literature, the creation of literate classroom environments and the integration of reading, writing, listening and speaking across the curriculum.

Prerequisite: Teaching experience or concurrent with student teaching.

Tuition: \$203 per semester hour.
1430-1820, MTWR. ADMN-216. J. Johnson

EDUC 485 The Gifted Child (2)

Term WW: July 22-July 26

A study of the gifted child characteristics and problems and school procedures designed to further development.

Tuition: \$203 per semester hour.
0900-1600, MTWRF. ADMN-208. A. Botkin

EDUC 503A01 Teaching Mathematics Successfully in the 90s (2)

Term I: May 28-June 19

This workshop focuses on SPI Guidelines for Elementary School Mathematics in Washington. All six strands are studied with special emphasis on computation skill development through the MUMS (Mathematics Unit Management System) project used in selected Clover Park Schools and elsewhere.

The workshop may be substituted for EDUC 326 when necessary. Pass/Fail only. Tuition: \$228 per semester hour.
1900-2130, MTW. ADMN-117. C. DeBower

EDUC 503B02* Stress in Children and Adolescents (2)

Term I: May 29-June 19

An overview of childhood and adolescent stress. Topics include intervention strategies, self-esteem, adolescent suicide, eating disorders, relaxation techniques, visual imagery, problem solving techniques, goal setting and prevention. *May also be taken as SPED 503A01, see page 36 for description.

Tuition: \$228 per semester hour.
1700-2100, MW. ECAM-13. K. Gerlach

EDUC 503C03* Appleworks for Teachers (2)

June 24-July 5

*May also be taken as CSCI 502, see page 16 for description. Tuition: \$228 per semester hour.

0900-1200, MTWRF. RAMS-204. J. Beaulieu

EDUC 503D04 Integrating the Arts in the Elementary Classroom (2)

Term I: June 3-June 7

Explore the arts, including music, art and drama and how these can be integrated into the curriculum. A thematic approach allows students to participate in various arts experiences to develop their understanding of personal expression and group creative processes. Creation and sharing of thematic units for elementary level.

Attendance at **all** sessions required to receive credit. Appropriate for students preparing for elementary classroom teaching, and elementary teachers wishing to enrich their classroom programs. Tuition: \$228 per semester hour.

0900-1600, MTWRF. ADMN-204B. E. Glasgow

EDUC 503E05 Children's Writing: Advanced (2)

Term II: June 24-July 3

Continuation course for those who have participated in previous EDUC 503 Children's Writing I courses or the equivalent. Explore issues in implementation of process writing in classrooms, current trends, research, readings, individual concerns and questions as well as sharing experiences, successes and challenges. Prerequisite: Completion of initial EDUC 503 Children's Writing Course or consent of instructor. Tuition: \$228 per semester hour.

1000-1400, MTWR. ADMN-202. J. Lewis

EDUC 503F06 Media for Librarians (2)

Term II: June 24-July 19

Participants explore the management of media and technology services in the school library media center, acquaint themselves with function and operation of media equipment and materials used in school library media centers and investigate the trends and issues involved in media and technology.

Special emphasis is on emerging technologies used in K-12 instructional programs (CD-ROM, interactive video, distance learning, computer technologies). Tuition: \$228 per semester hour.
1230-1345, MTWRF. LIBR-Media. M. Churney

EDUC 503G07 Communication Skills for Leaders (3)

Term II: June 24-July 18

Explore communication skills in the school setting and with associated agencies including medical, legal and social services. Individual and groups activities further develop skills and to practice the theoretical concepts derived from current research. Tuition: \$228 per semester hour.

1300-1500, MTWR. ADMN-206. C. Petersen

EDUC 503H08
The Bridge to Learning Mathematics (2)

Term II: June 24-July 18
 Three major thrusts in improving the teaching of mathematics, integrated through practical examples from grades one through eight. Pass/Fail only. Tuition: \$228 per semester hour. 1430-1620, MTWR. ADMN-117. C. DeBower

EDUC 503J09*
Computers in Language Arts Curriculum (2)

Term II: June 25-July 18
 *May also be taken as CSCI 505, see page 16 for description. Tuition: \$228 per semester hour. 1800-2100, TR. RAMS-204. T. Lamas

EDUC 503K10
Experiencing Primary Mathematics (2)

Term WW: July 22-July 26
 Experience the methodology expressed in the texts *Mathematics Their Way* by Mary Baratta-Lorton and *Developing Number Concepts* by Kathy Richardson. The findings of Piaget are translated into meaningful situations for primary age children. A classroom model is experienced by participants as they become involved in a hands-on program which uses a variety of manipulative materials to build understanding in the area of mathematics. Tuition: \$228 per semester hour. 0800-1600, MTWRF. INGR-115. J. Fulkerson

EDUC 503L11
Children's Writing (2)

Term WW: July 22-July 26
 Current theory and practice in the teaching and learning of writing in K-6 classrooms. Implementation strategies include the importance of models and demonstrations, the place of talk and dialogue in the teaching/learning process, the use of conferencing and response, appropriate developmental

spelling expectations, the role of children's literature and writing across the curriculum. Particular emphasis is on a process approach and the setting up of a Writing Workshop based on the models of Donald Graves and Lucy Calkins. Tuition: \$228 per semester hour. 0800-1600, MTWRF. ADMN-204A. J. Lewis

EDUC 503M12
Methods in Learning Resources (2)

Term WW: July 22-July 26
 Information skills curriculum design for elementary and secondary librarians, examination of curriculum objectives and strategies in the K-12 curriculum. The course is a workshop, with demonstrations, guest lecturers and hands-on exploration of resources available to school librarians. Students work together to design information skills curricula for specific grade-levels and develop specific instructional strategies for implementation. Tuition: \$228 per semester hour. 0800-1600, MTWRF. LIBR-106. K. Strand

EDUC 503N13
Expanding Creative Thinking (2)

Term WW: July 22-July 26
 Provides a variety of hands-on activities using Halpern's music, guided imagery and Buzan's mind mapping to develop and expand creativity in creative writing, project design, management and other interest areas. Tuition: \$228 per semester hour. 0800-1600, MTWRF. ADMN-204B. S. Turnpugh

EDUC 503P14
Special Topics in Children's Literature (2)

July 26-August 10*
 Presents a selection of special topics in Children's literature that emphasizes integrating across the school curricula. Attendance is required for all sessions. Completion of a series of readings as well as a final product is also required. The final session provides the opportunity for

all to synthesize content and share projects. Tuition: \$228 per semester hour. *Meets Friday, July 26, 4-8 pm; Saturday, July 27, 9 am-4 pm; Friday, August 2, 4-8 pm; Saturday, August 3, 9 am-4 pm, Sunday, August 4, 12-4 pm; Friday, August 9, 4-8 pm; Saturday, August 10, 9 am-4 pm.. ADMN-117. C. Yetter

EDUC 503Q15*
Data Base and Telecommunications in the Classroom (2)

July 29-August 9
 *May also be taken as CSCI 506, see page 16 for description. Tuition: \$228 per semester hour. 0900-1200, MTWRF. RAMS-204. J. Beaulieu

EDUC 503R16
Integrative Teaching Strategies (2)

Term III: July 29-August 23
 Explores strategies such as cooperative learning, 4MAT model, guided imagery and them planning using a problem solving approach to teaching mainstreamed students, diverse learning styles and at-risk student in the regular classroom. Tuition: \$228 per semester hour. 1100-1220, MTWRF. ADMN-204A. S. Turnpugh

EDUC 503S17
Children's Literature in the K-8 Curriculum (2)

Term III: July 30-August 22
 Participants read and discuss genres of contemporary children's literature and develop a personal repertoire for classroom use. Possibilities for the integration of literature as curricular text to enhance K-8 curriculum are explored. Strategies include the use of literature circles, writing and fiction and non-fiction in the content areas. Tuition: \$228 per semester hour. 1230-1620, TR. ADMN-213. J. Lewis

EDUC 503T18*
Appleworks
for Teachers (2)

July 29-August 9
 May also be taken as CSCI 502, see page 16 for description. Tuition: \$228 per semester hour.
 1300-1600, MTWRF. RAMS-204. J. Beaulieu

EDUC 503U19
Creating a
Positive & Productive
Classroom Climate (2)

Term III: July 29-August 23
 A workshop for elementary teachers interested in developing strategies for creating a classroom climate conducive for learning and social development. Topics include research on school effectiveness, teacher expectations, teacher modeling and classroom management systems. Tuition: \$228 per semester hour.
 1400-1515, MTWRF. ADMN-206. B. Neufeld

EDUC 503V20*
Computers in the
Math Curriculum (2)

July 29-August 21
 *May also be taken as CSCI 509, see page 17 for description. Tuition: \$228 per semester hour.
 1800-2100, MW. RAMS-204. J. Turner

EDUC 503W21*
Computer Technology
and the Teaching
of Problem Solving (2)

July 30-August 22
 *May also be taken as CSCI 507, see page 16 for description. Tuition: \$228 per semester hour.
 1800-2100, TR. RAMS-204. J. Beaulieu

EDUC 503X22
Current Issues in Early
Childhood Education (2)

Term III: August 12-August 23
 An examination of current early childhood education issues and trends in the context of historical and philosophical bases with a relevant overview of normal development of 3 - 8 year olds. Field observation required. Prerequisite: PSYC 101 or equivalent; child development course; upper class or graduate status. Tuition: \$228 per semester hour.
 0800-1045, MTWRF. ADMN-216. K. Collieran

EDUC 503Y23
Instructional Methods
in Early Childhood (2)

Term III: August 12-August 23
 Development and evaluation of program, strategies and methods for a developmentally based ECE program for normal children. Prerequisite: PSYC 101; Child development course; upper class or graduated level standing. Tuition: \$228 per semester hour.
 1100-1345, MTWRF. ADMN-208. M. Brown

EDUC 503Z24*
Advanced Appleworks (2)

August 12-August 23
 *May also be taken as CSCI 504, see page 16 for description. Tuition: \$228 per semester hour.
 1300-1600, MTWRF. RAMS-204. J. Turner

EDUC 508*
Current Trends for Lan-
guage Arts (Elementary) (2)

Term II: June 24-July 19
 *Also available for undergraduate credit, see description under EDUC 408 above. Prerequisite: Teaching experience or consent of the instructor. Tuition: \$228 per semester hour.
 1300-1420, MTWRF. ADMN-204A. E. Glasgow

EDUC 510
Current Issues in
Science and Health (2)

Term II: June 24-July 19
 Exploration of current activities and approaches to science and health in their elementary classrooms. Prerequisite: Teaching experience. Tuition: \$228 per semester hour.
 1530-1645, MTWRF. RCTR-102. M. Churney

EDUC 512*
Current Issues
in Social Studies K-8 (2)

Term II: June 24-July 19
 *Also available for undergraduate credit, see description under EDUC 412 above. Prerequisite: teaching experience or consent of instructor. Tuition: \$228 per semester hour.
 0930-1045, MTWRF. ADMN-117. D. Mosher

EDUC 515
Seminar: Continuing
Level Teachers (2)

Term I: June 8-July 25*
 The preparation and sharing of selected topics related to the minimum generic standard needs of the individual participants. Required for the continuing level certification of teachers. Pass/Fail only. Tuition: \$228 per semester hour. *Meets Saturday, June 8, 9 am-3 pm; and July 22-25, 6-10 pm.
 ADMN-117. C. DeBower

EDUC 516
Teacher Supervision -
Continuing Level (1)

Term WW: July 22-July 26
 Identification and development of supervisory skills for teachers who work with other adults in the classroom. Tuition: \$228 per semester hour.
 0900-1200, MTWRF. ADMN-216. M. Baughman

EDUC 524*

Reading in the 90s K-8 (4)

Term II: June 24-July 19
 *Also available for undergraduate credit, see description under EDUC 325 above. Prerequisite: teaching experience or consent of the instructor. Tuition: \$228 per semester hour. 0930-1215, MTWRF. ADMN-206. E. Glasgow

EDUC 525

Current Practices and Issues in Reading (2)

Term III: July 29-August 23
 Examination of current practices and issues in the field of reading as described through educational research. Research findings applies to classroom practices. Students encouraged to pursue specific areas of interest within the broad area of reading instruction. Prerequisite: EDUC 325, Reading in the Elementary School or equivalent and teaching experience Tuition: \$228 per semester hour. 0930-1050, MTWRF. ADMN-204A. A. Mallon

EDUC 527

Psychology of Reading (2)

Term II: June 24-July 19
 Principles of reading, perception, word recognition, concept development and meaning in reading. Language acquisition as part of developmental learning processes is examined in relationship to successful literacy learning and teaching. Prerequisite: EDUC 325 Reading in the Elementary School or equivalent and teaching experience. Tuition: \$228 per semester hour. 0800-0920, MTWRF. ADMN-219. J. Lewis

EDUC 544 01

Research and Program Evaluation (2)

Term II: June 24-July 19
 Knowledge of student and case evaluation techniques; the ability to select and interpret tests; knowledge of

research design; the ability to interpret educational research; the ability to identify, locate and acquire topical research and related literature; and the ability to use the result of research or evaluation to propose program changes. Graduate students only; may be taken in lieu of EDUC 467. Tally cards required. Tuition: \$228 per semester hour. 0800-0915, MTWRF. ADMN-200. F. Olson

EDUC 544 02

Research and Program Evaluation (2)

Term III: July 29-August 23
 For course description, see EDUC 544 01 above. Tuition: \$228 per semester hour. 0800-0915, MTWRF. ADMN-215. Staff

EDUC 545 01

Methods and Techniques of Research (2)

Term I: May 29-June 19
 Research methods and techniques in education with emphasis on designing a research project in the student's area of interest. Required for M.A. Prerequisite: Consultation with student's adviser and admittance to the graduate program. Tally card required. Tuition: \$228 per semester hour. 1600-1830, MW. ADMN-200. F. Olson

EDUC 545 02

Methods and Techniques of Research (2)

Term II: June 24-July 19
 For course description, see EDUC 545 01 above. Prerequisite: Consultation with student's adviser and admittance to the graduate program. Tally card required. Tuition: \$228 per semester hour. 0930-1045, MTWRF. ADMN-208. F. Olson

EDUC 545 03

Methods and Techniques of Research (2)

Term III: July 29-August 23
 For course description, see EDUC 545 01 above. Prerequisite: Consultation with student's adviser and admittance to the graduate program. Tally card required. Tuition: \$228 per semester hour. 0930-1045, MTWRF. ADMN-208. Staff

EDUC 550

School Finance (2)

Term I: May 28-June 20
 Local, state and federal contributors to school finance, their philosophy and development; the development and administration of a school budget. Tuition: \$228 per semester hour. 1600-1830, TR. ADMN-210. R. Hamlin

EDUC 551

Educational Law (2)

Term II: June 24-July 18
 Study of contemporary federal, state and local statutes, regulations and case law and their application to public and private schools. Pass/Fail only. Tuition: \$228 per semester hour. 1230-1420, MTWR. ADMN-117. C. DeBower

EDUC 552

Educational Administration (3)

Term II: June 24-July 17
 Administration and supervision of school personnel, facilities and programs with emphasis on the human relationship in that setting. Prerequisite: Teaching experience or consent of the dean. Tuition: \$228 per semester hour. 1800-2115, MTW. ADMN-117. C. DeBower

EDUC 555**Administration and Supervision Workshop (2)**

Term III: July 29-August 22

Projects determined by the class; typical projects include curriculum planning and adjustment, public relations programs, personnel employment and inservice training; financing building and educational programs. Prerequisite: One course in administration or supervision. Tuition: \$228 per semester hour.

1330-1600, MWR. ADMN-117. M. Baughman

EDUC 580**Curriculum Development (2)**

Term I: May 28-June 20

Types of curriculum organizations, programs and techniques of curriculum development. Tuition: \$228 per semester hour.

1900-2130, TR. ADMN-210. Staff

EDUC 585**Comparative Education (3)**

Term III: July 29-August 22

Comparison and investigation of education in various cultural systems throughout the world. Tuition: \$228 per semester hour.

0930-1215, MTWR. ADMN-117. M. Baughman

EDUC 587**History of Education (2)**

Term II: June 24-July 18

Great educators, educational theories and educational systems from antiquity to the present. Tuition: \$228 per semester hour.

0930-1215, MTWR. ADMN-209. C. Petersen

EDUC 597**Independent Study (1)**

May 28-August 23

Projects of varying length related to educational issues or concerns of the individual participant and approved by and appropriate faculty member and

the dean. Prerequisite: Instructor's signature on independent study card prior to registration. Tuition: \$228 per semester hour.

TBA. Staff

EDUC 598**Studies in Education (2)**

May 28-August 23

A research paper or project of an educational issue selected jointly by the student and the graduate adviser; will be reviewed by the student's Graduate Committee. Independent study card required. Tuition: \$228 per semester hour.

TBA. Staff

EDUC 599**Thesis (3)**

May 28-August 23

For Master of Arts candidates who elect to write a thesis. The thesis problem is chosen from the candidate's major field of concentration and must be approved by the candidate's graduate adviser.

Tuition: \$228 per semester hour.

TBA. Staff

EDUCATIONAL PSYCHOLOGY**EPSY 503A01****Violence in the Family (2)**

Term I: May 28-June 7

Designed to increase awareness of the scope of abuse. Workshop participants study how to identify the symptoms of psychosocial and physical abuse, possible treatment and support of the abused and the abuser. Participants visit sites of some community agencies. Tuition: \$228 per semester hour.

1800-2100, MTWRF. RAMS-206. B. Roy

EPSY 503B02**Counselor Supervision (1)**

Term II: June 28-July 12*

Examination of models of counselor supervision; participate in counselor supervision as supervisee and as super-

visor. Tuition: \$228 per semester hour. *Meets Friday June 28, 0900-1600; and Friday, July 12, 0900-1600. RAMS-103. A. Carey

EPSY 503C03**Crisis Intervention (2)**

Term III: July 29-August 9

A workshop to assist the helping professional to identify the characteristics of a crisis and to help them during and following a crisis situation. Applicable to teachers, counselors and others who work with people under stress or those attempting to cope with transition. Practicum in addition.

Tuition: \$228 per semester hour.

0900-1200, MTWRF. RAMS-206. M. Kravick

EPSY 503D04**Alcohol and Drug Abuse (2)**

Term III: August 12-August 23

Provides information for counselors and other helping professionals on the myths and realities of alcoholism and drug abuse including the disease concept of chemical dependency, the alcohol family system and overview of diagnostic and treatment methods, community referral resources and strategies for prevention. Tuition: \$228 per semester hour.

1300-1600, MTWRF. RAMS-206. Staff

EPSY 512**Group Process and the Individual (2)**

Term I: May 28-June 20

A human interaction laboratory to facilitate the exploration of the self concept through the mechanisms of interpersonal interactions and feedback. Emphasis placed on the acquisition of skill in self-exploration, role identification and climate-making. Lab to be announced. Tuition: \$228 per semester hour.

1600-1900, TR. RAMS-103. A. Carey

**EPSY 535 01
Foundations of Guidance (4)**

Term I: May 28-June 20
The focus is on exploring and understanding the programs and services that guidance personnel develop and use to assist individuals and groups to make decisions, know themselves and promote positive self-concepts. Tuition: \$228 per semester hour. 1630-1930, MTWR. RAMS-202. W.E. Johnson

**EPSY 535 02
Foundations of Guidance (4)**

Term II: June 24-July 18
See course description under EPSY 535 01. Tuition: \$228 per semester hour. 1200-1600, MTR. RAMS-206. W.E. Johnson

**EPSY 536
Affective Classroom
Techniques (2)**

Term III: August 12-August 23
Explores techniques designed to facilitate understanding of self and others; methods for working with students. Prerequisite: student teaching or graduate status. Tuition: \$228 per semester hour. 0900-1200, MTWRF. RAMS-206. L. Kucklick

**EPSY 569
Career Guidance (4)**

Term II: June 24-July 18
A study of careers, theories of choice and guidance techniques. Tuition: \$228 per semester hour. 1700-2000, MTWR. RAMS-206. S. Verharen

**EPSY 578
Behavior Problems (4)**

Term II: June 24-July 18
Alderian concepts provide the basis for observation, motivation, modification and lifestyle assessment. Skills for assisting people in developing responsi-

bility for their own behavior. Laboratory experience as arranged. Tuition: \$228 per semester hour. 0900-1200, MTWR. RAMS-206. A. Carey

SPECIAL EDUCATION

**SPED 190
Exceptional Children
and Adults (3)**

Term I: May 28-June 20
Introduction to the needs and characteristics of exceptional children and adults. Federal and state legislation, current issues and practices of delivering services to handicapped individuals. Designed as an overview of the field for students in special education, nursing, counseling and other related fields. Tuition: \$203 per semester hour. 1400-1700, MTWR. ECAM-13. K. Gerlach

**SPED 290
Introduction to
Learning Disabilities (3)**

Term II: June 24-July 19
Overview of the field of learning disabilities, including concepts, assessment and instructional practices. Prerequisite: EDUC 251, Learner in Society: Growth and Development (secondary); or EDUC 253, Child Development and Schools; or consent of instructor. Tuition: \$203 per semester hour. 0900-1115, MTWRF. ECAM-13. P. Rallo

**SPED 398
Assessment in Special
and Remedial Education (3)**

Term II: June 24-July 19
Study of a variety of formal and informal assessment tests and procedures. Curriculum based assessments, systematic classroom observation, norm-referenced tests, task analysis and

criterion-referenced tests and procedures are examined. Includes the role of assessment in eligibility and program planning. Tuition: \$203 per semester hour. 1300-1515, MTWRF. ECAM-13. G. Williams

**SPED 399
Practicum in Special
Education (1)**

Term I: May 28-August 23
Experience with special education children or adults in a supervised setting. 1 hour credit given to successful completion of 45 clock hours. Prerequisite: SPED 290 Introduction to Learning Disabilities, or consent of instructor. Tally card required. Tuition: \$203 per semester hour. TBA. Staff

**SPED 403
Parent/Professional
Partnership in Special
Education (2)**

Term WW: July 22-July 26
Discussion of the techniques for communicating effectively with parents of children with special needs. Tuition: \$203 per semester hour. 0800-1600, MTWRF. ECAM-13. K. Gerlach

**SPED 407
Curriculum and Instruction
for Learners with Special
Needs (4)**

Term III: July 29-August 23
Focus on teaching academic, social and adaptive skills to mild and moderately handicapped students. Includes writing individual education plans, data based instruction, task analysis and learning sequences. Prerequisite: General Methods; SPED 290, Introduction to Learning Disabilities, or consent of instructor. Tally card required. Tuition: \$203 per semester hour. 0830-1130, MTWRF. ECAM-13. L. Reisberg

Special Education courses continue on page 36.

SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Anthropology 535-7662							
ANTH 220	Peoples of the World: China	1930-2100	June 25-August 22	TR	2	ADMN-101	Zhu
§ANTH225	Past Cultures of Washington State	0900-1600	June 29-July 20	SAT	2	XAVR-112	Huelsbeck
§ANTH377	Managing Cross-Cultural Diversity	1800-2100	May 28-June 20	TR	2	XAVR-112	Guldin
§ANTH465/466	Archaeology: The Field Experience	0800-1700	June 24-July 19	MTWRF	4	XAVR-112	Huelsbeck
§ANTH465/466	Archaeology: Advanced Field Experience	0800-1700	July 29-August 23	MTWRF	4	XAVR-112	Huelsbeck
Art 535-7573							
ARTD 230/330/430	Ceramics I, II, III	1230-1530	May 28-June 21	MTWRF	4	INGR-144	Keyes
ARTD 255/355	Jewelry	1300-1600	July 29-August 23	MTWRF	4	INGR-134B	DeGroot
ARTD 328	Landscape Photography	1300-1600	June 24-July 19	MTWRF	4	INGR-134A	Geller
Biology 535-7561							
BIOL 111	Biology and the Modern World	0800-1215	June 24-July 19	MTWRF	4	RCTR-122	Martin
BIOL 112	Humanistic Botany	0800-1215	May 28-June 21	MTWRF	4	RCTR-122	Main
BIOL 114	Biotechnology: Principles and Issues	0800-1215	July 29-August 23	MTWRF	4	RCTR-136	Kerk
BIOL 201	Introduction to Microbiology	0800-1215	July 29-August 23	MTWRF	4	RCTR-122	Alexander
BIOL 205	Human Anatomy & Physiology	0800-1045	June 24-July 18	MTWR*	4	RCTR-115	Carlson/Lerum
BIOL 206	Human Anatomy & Physiology	0800-1045	July 29-August 22	MTWR*	4	RCTR-115	Carlson/Lerum
BIOL 351	Natural History of the Pacific Northwest	0930-1700	May 28-June 21	MTWRF	4	RCTR-124	McGinnis
§BIOL 502	Advanced Placement Institute: Biology	0900-1600	July 22-26	MTWRF	2	RCTR-115	Hansen
Business Administration 535-7244							
BUSA 230	Law and Society	1800-2200	June 3-July 11	MR	4	ADMN-211	Ahna
BUSA 281	Financial Accounting	0900-1215	May 28-June 20	MTWR	4	ADMN-217	Van Wyhe
BUSA 282	Managerial Accounting	0900-1215	June 24-July 18	MTWR	4	ADMN-217	Hegstad
BUSA 350	Management	1300-1615	June 24-July 18	MTWR	4	ADMN-215	Waters
BUSA 354	Human Resource Management	1300-1615	July 29-August 22	MTWR	4	ADMN-215	Sepic
BUSA 364	Managerial Finance	0900-1215	May 28-June 20	MTWR	4	ADMN-221	Bancroft
BUSA 370	Marketing Systems	1330-1645	May 28-June 20	MTWR	4	ADMN-215	Thrasher
BUSA 455 01	Business Policy	0900-1215	May 28-June 20	MTWR	4	ADMN-215	Yager
BUSA 455 02	Business Policy	1800-2200	July 15-August 22	MR	4	ADMN-215	Daniel
BUSA 520	Programming for Managers	1800-2200	July 15-August 21	MW	4	ADMN-213	Harter
BUSA 550	Organizational Behavior and Environment	1800-2200	June 3-July 11	MR	4	ADMN-219	Schultz
BUSA 555	Business Strategy and Policy	1800-2200	June 3-July 11	MR	4	ADMN-221	Waters
BUSA 582	Accounting Information and Control	1800-2200	July 15-August 22	MR	4	ADMN-217	Hegstad
BUSA 590	Planning & Developing New Products	1800-2200	June 3-July 11	MR	4	ADMN-215	Thrasher

*Contact department or call Office of Summer Studies at 535-7143 for more information. **See course description.
Blue color indicates late afternoon or evening classes. See inside front cover for explanation of codes and abbreviations.

SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Chemistry 535-7530							
CHEM 104	Environmental Chemistry	1800-2100	June 24-August 23	MWR	4	RCTR-224	Giddings
CHEM 105	Chemistry of Life	0930-1215	May 28-June 21	MTWR*	4	RCTR-220	Anderson
CHEM 321	Analytical Chemistry	0800-1045	May 28-June 21	MTWR*	4	RCTR-224	Huestis
CHEM 436	Advances in Chemical Instrumentation	0900-1600	July 29-August 2	MTWRF	1	RCTR-224	Tonn/Fryhle
CHEM 502	Advanced Placement Institute: Chemistry	0900-1600	July 22-26	MTWRF	2	RCTR-224	Swank
Communication and Theatre 535-7762							
COMA326	Small Group Communication	1800-2100	June 24-August 23	MW	4	INGR-109	Inch
§COMA335	Intercultural Communication Workshop	1800-2115	May 28-June 21	MW	2	INGR-109	Wilson
§COMA336	Images of Women in Mass Media	0930-1215	July 29-August 23	MTWRF	4	INGR-109	Ewart
COMA450	Public Speaking Workshop	0900-1600	July 22-26	MTWRF	2	INGR-109	Nolan
THEA 458	Creative Dramatics	0930-1215	June 24-July 19	MTWRF	4	MGYM-202	Parker
Computer Science 535-7400							
CSCI 110	BASIC	0930-1045	May 28-June 21	MTWRF	2	RCTR-221	C Dorner
CSCI 144	Introduction to Computer Science(Pascal)	0900-1045	June 3-July 12	MTWRF	4	MGYM-102	Staff
CSCI 210	Computerized Information Systems	0930-1045	June 24-July 19	MTWRF	2	RCTR-221	Staff
CSCI 270	Data Structures	0900-1045	July 15-August 23	MTWRF	4	MGYM-102	Staff
CSCI 490	Robotics	0800-1010	May 28-June 28	MTWRF	4	RCTR-222	Spillman
CSCI 50201*	Appleworks for Teachers	0900-1200	June 24-July 5	MTWRF	2	RAMS-204	Beaulieu
CSCI 50202*	Appleworks for Teachers	1300-1600	July 29-August 9	MTWRF	2	RAMS-204	Beaulieu
CSCI 504*	Advanced Appleworks	1300-1600	August 12-23	MTWRF	2	RAMS-204	Turner
CSCI 505*	Computers in Language Arts Curriculum	1800-2100	June 25-July 18	TR	2	RAMS-204	Lamas
CSCI 506*	Database & Telecomm in the Classroom	0900-1200	July 29-August 9	MTWRF	2	RAMS-204	Beaulieu
CSCI 507*	Computers and Problem Solving	1800-2100	July 30-August 22	TR	2	RAMS-204	Beaulieu
CSCI 508*	Advanced Computers in Special Education	1300-1600	July 8-19	MTWRF	2	RAMS-204	Beaulieu
CSCI 509*	Computers in the Math Curriculum	1800-2100	July 29-August 21	MW	2	RAMS-204	Turner
§CSCI 551	Advanced Placement: Computer Science	0900-1600	July 22-26	MTWRF	2	RAMS-204	Beaulieu
CSCI 590	Robotics	0800-1010	May 28-June 28	MTWRF	4	RCTR-222	Spillman
Earth Science 535-7563							
ESCI 202	Oceanography	0800-1215	June 24-July 19	MTWRF	4	RCTR-109	Benham
ESCI 222 01	Conservation of Natural Resources	0930-1215	May 28-June 21	MTWRF	4	RCTR-109	Smith
ESCI 222 02	Conservation of Natural Resources	1800-2100	June 24-August 21	MW	4	RCTR-109	Benham
ESCI 425	Geological Field Mapping	0800-1700	July 22-August 23	MTWRFS	5	RCTR-108	Lowes

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Economics 535-7597							
ECON 150	Principles of Economics	0930-1215	May 28-June 21	MTWRF	4	ADMN-200	Petersen
ECON 331	International Economics	0930-1215	May 28-June 21	MTWRF	4	ADMN-202	Reiman
ECON 352	Intermediate Micro Economic Analysis	0930-1215	July 29-August 23	MTWRF	4	ADMN-217	Nugent
ECON 361	Money and Banking	1800-2100	May 28-July 25	MR	4	ADMN-202	Nugent
ECON 500	Applied Statistical Analysis	1800-2200	June 3-July 11	MR	4	ADMN-204A	Jensen
ECON 543	Quantitative Methods	1800-2200	July 15-August 22	MR	4	ADMN-200	Phelps
Education 535-7272							
EDUC 325	Reading in the 90s K-8	0930-1215	June 24-July 19	MTWRF	4	ADMN-206	Glasgow
EDUC 408	Current Trends for Language Arts - Elem	1300-1420	June 24-July 19	MTWRF	2	ADMN-204A	Glasgow
EDUC 410	Science & Health in Elementary Schools	1100-1215	June 24-July 19	MTWRF	2	RCTR-102	Churney
EDUC 412	Current Issues in Social Studies (K-8)	0930-1045	June 24-July 19	MTWRF	2	ADMN-117	Mosher
EDUC 420	Problems of Reading in the Secondary Sch	1100-1220	July 29-August 23	MTWRF	2	ADMN-213	Mallon
EDUC 421	Teachers and the Law	1600-1750	May 28-June 6	MTWR	1	ADMN-117	DeBower
EDUC 451	Administration of the School Library	1100-1215	June 24-July 19	MTWRF	2	LIBR-106	Baldwin
EDUC 452	Basic Reference Materials	0930-1045	June 24-July 18	MTWR	2	LIBR-106	Yetter
EDUC 453	Processing School Library Materials	0800-0915	June 24-July 19	MTWRF	2	LIBR-106	Sherman-Peterson
EDUC 454	Selection of Learning Resource Materials	1630-1930	May 28-June 20	TR	2	LIBR-106	Yetter
EDUC 456	Storytelling	1230-1630	July 29-August 21	MW	2	ADMN-209	Wellner
EDUC 457	The Arts, Media and Technology	1400-1515	June 24-July 19	MTWRF	2	LIBR-Media	Churney
EDUC 473	Parent-Teacher Relationships	1230-1345	July 29-August 23	MTWRF	2	ADMN-217	Neufeld
EDUC 483	Primary Reading	1430-1820	July 8-18	MTWR	2	ADMN-216	Johnson
EDUC 485	The Gifted Child	0900-1600	July 22-26	MTWRF	2	ADMN-208	Botkin
EDUC 503A01	Teaching Mathematics Successfully (K-8)	1900-2130	May 28-June 19	MTW	2	ADMN-117	DeBower
EDUC 503B02*	Stress in Children and Adolescents	1700-2100	May 29-June 19	MW	2	ECAM-13	Gerlach
EDUC 503C03*	Appleworks for Teachers	0900-1200	June 24-July 5	MTWRF	2	RAMS-204	Beaulieu
EDUC 503D04	Integrating the Arts in Elem Classroom	0900-1600	June 3-7	MTWRF	2	ADMN-204B	Glasgow
EDUC 503E05	Children's Writing (Advanced)	1000-1400	June 24-July 3	MTWR	2	ADMN-202	Lewis
EDUC 503F06	Media for Librarians	1230-1345	June 24-July 19	MTWRF	2	LIBR-Media	Churney
EDUC 503G07	Communication for Leaders	1300-1500	June 24-July 18	MTWR	3	ADMN-206	C. Petersen
EDUC 503H08	The Bridge to Learning Mathematics	1430-1620	June 24-July 18	MTWR	2	ADMN-117	DeBower
EDUC 503J09*	Computers in Language Arts Curriculum	1800-2100	June 24-July 18	TR	2	RAMS-204	Lamas
EDUC 503K10	Experiencing Primary Mathematics	0800-1600	July 22-26	MTWRF	2	INGR-115	Fulkerson
EDUC 503L11	Children's Writing	0800-1600	July 22-26	MTWRF	2	ADMN-204A	Lewis

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
EDUC 503M12	Methods in Learning Resources	0800-1600	July 22-26	MTWRF	2	LIBR-106	Strand
EDUC 503N13	Expanding Creative Thinking	0800-1600	July 22-26	MTWRF	2	ADMN-204B	Turnpaugh
EDUC 503P14	Special Topics in Children's Literature	**	July 26-August 10	FSAT**	2	ADMN-117	Yetter/Lewis
EDUC 503Q15*	Data Base & Telecom in the Classroom	0900-1200	July 29-August 9	MTWRF	2	RAMS-204	Beaulieu
EDUC 503R16	Integrative Teaching Strategies	1100-1220	July 29-August 23	MTWRF	2	ADMN-204A	Turnpaugh
EDUC 503S17	Children's Lit. in the K-8 Curriculum	1230-1620	July 30-August 22	TR	2	ADMN-213	Lewis
EDUC 503T18*	Appleworks for Teachers	1300-1600	July 29-August 9	MTWRF	2	RAMS-204	Beaulieu
EDUC 503U19	Positive & Productive Classroom Climate	1400-1515	July 29-August 23	MTWRF	2	ADMN-206	Neufeld
EDUC 503V20*	Computers in the Math Curriculum	1800-2100	July 29-August 21	MW	2	RAMS-204	Turner
EDUC 503W21*	Computers and Problem Solving	1800-2100	July 30-August 22	TR	2	RAMS-204	Beaulieu
EDUC 503X22	Current Issues in Early Childhood Ed	0800-1045	August 12-23	MTWRF	2	ADMN-216	Colleran
EDUC 503Y23	Instructional Methods in Early Childhood	1100-1345	August 12-23	MTWRF	2	ADMN-208	Brown
EDUC 503Z24*	Advanced Appleworks	1300-1600	August 12-23	MTWRF	2	RAMS-204	Turner
EDUC 508	Current Trends for Language Arts - Elem	1300-1420	June 24-July 19	MTWRF	2	ADMN-204A	Glasgow
EDUC 510	Current Issues in Science and Health	1530-1645	June 24-July 19	MTWRF	2	RCTR-102	Churney
EDUC 512	Current Issues in Social Studies (K-8)	0930-1045	June 24-July 19	MTWRF	2	ADMN-117	Mosher
EDUC 515	Seminar: Continuing Level Teachers	0900-1500	June 8-July 25	**	2	ADMN-117	DeBower
EDUC 516	Teacher Supervision - Continuing Level	0900-1200	July 22-26	MTWRF	1	ADMN-216	Baughman
EDUC 524	Reading in the 90s (K-8)	0930-1215	June 24-July 19	MTWRF	4	ADMN-206	Glasgow
EDUC 525	Current Practices and Issues in Reading	0930-1050	July 29-August 23	MTWRF	2	ADMN-204A	Mallon
EDUC 527	Psychology of Reading	0800-0920	June 24-July 19	MTWRF	2	ADMN-219	Lewis
EDUC 544 01	Research and Program Evaluation	0800-0915	June 24-July 19	MTWRF	2	ADMN-200	Olson
EDUC 544 02	Research and Program Evaluation	0800-0915	July 29-August 23	MTWRF	2	ADMN-215	Staff
EDUC 545 01	Methods and Techniques of Research	1600-1830	May 29-June 19	MW	2	ADMN-200	Olson
EDUC 545 02	Methods and Techniques of Research	0930-1045	June 24-July 19	MTWRF	2	ADMN-208	Olson
EDUC 545 03	Methods and Techniques of Research	0930-1045	July 29-August 23	MTWRF	2	ADMN-208	Staff
EDUC 550	School Finance	1600-1830	May 28-June 20	TR	2	ADMN-210	Hamlin
EDUC 551	Educational Law	1230-1420	June 24-July 18	MTWR	2	ADMN-117	DeBower
EDUC 552	Educational Administration	1800-2115	June 24-July 17	MTW	3	ADMN-117	DeBower
EDUC 555	Administration and Supervision Workshop	1330-1600	July 29-August 22	MWR	2	ADMN-117	Baughman
EDUC 580	Curriculum Development	1900-2130	May 28-June 20	TR	2	ADMN-210	Staff
EDUC 585	Comparative Education	0930-1215	July 29-August 22	MTWR	3	ADMN-117	Baughman
EDUC 587	History of Education	0930-1215	June 24-July 18	MTWR	2	ADMN-209	Petersen
EDUC 597	Independent Study	TBA	May 28-August 23	TBA	1	TBA	Staff
EDUC 598	Studies in Education	TBA	May 28-August 23	TBA	2	TBA	Staff
EDUC 599	Thesis	TBA	May 28-August 23	TBA	3	TBA	Staff

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Educational Psychology 535-7278							
EPSY 503A01	Violence in the Family	1800-2100	May 28-June 7	MTWRF	2	RAMS-206	Roy
EPSY 503B02	Counselor Supervision	0900**-1600	June 28 & July 12	Fri **	1	RAMS-103	Carey
EPSY 503C03	Crisis Intervention	0900-1200	July 29-August 9	MTWRF	2	RAMS-206	Kralick
EPSY 503D04	Alcohol and Drug Abuse	1300-1600	August 12-23	MTWRF	2	RAMS-206	Staff
EPSY 512	Group Process and the Individual	1600-1900	May 28-June 20	TR	2	RAMS-103	Carey
EPSY 535 02	Foundations of Guidance	1200-1600	June 24-July 18	MTR	4	RAMS-206	Johnson
EPSY 536	Affective Classroom Techniques	0900-1200	August 12-23	MTWRF	2	RAMS-206	Kucklick
EPSY 569	Career Guidance	1700-2000	June 24-July 18	MTWR	4	RAMS-206	Verharen
EPSY 578	Behavior Problems	0900-1200	June 24-July 18	MTWR	4	RAMS-206	Carey
Special Education 535-7271							
SPED 190	Exceptional Children and Adults	1400-1700	May 28-June 20	MTWR	3	ECAM-13	Gerlach
SPED 290	Introduction to Learning Disabilities	0900-1115	June 24-July 19	MTWRF	3	ECAM-13	Rallo
SPED 398	Assessment in Special and Remedial Ed.	1300-1515	June 24-July 19	MTWRF	3	ECAM-13	Williams
SPED 399	Practicum in Special Education	TBA	May 28-August 23	TBA	1	TBA	Staff
SPED 403	Parent/Professional Partnership in Sp. Ed.	0800-1600	July 22-26	MTWRF	2	ECAM-13	Gerlach
SPED 407	Curriculum/Instruction for Special Needs	0830-1130	July 29-August 23	MTWRF	4	ECAM-13	Reisberg
SPED 408	Vocational Ed. for Special Needs Learners	0900-1200	July 29-August 9	MTWRF	2	ECAM-14	Cronin
SPED 475	Supervising Para-Pros and Volunteers	0830-1630	June 1 & 8	SAT	1	ADMN-117	Gerlach
SPED 492	Methods of Teaching Special Needs Child	1630-2030	May 28-June 20	TR	2	ECAM-11	Owens
SPED 494	Computer Application for the Handicapped	1300-1600	June 24-July 5	MTWRF	2	RAMS-204	Beaulieu
SPED 503A01*	Stress in Children and Adolescents	1700-2100	May 29-June 16	MW	2	ECAM-13	Gerlach
§SPED 503B02*	Advanced Computers in Special Education	1300-1600	July 8-19	MTWRF	2	RAMS-202	Beaulieu
SPED 520	Teaching Learners with Special Needs	0800-1600	July 22-26	MTWRF	2	ECAM-11	Wolf
SPED 521	Teaching Adolescents with Special Needs	0800-1600	July 22-26	MTWRF	2	ECAM-27	Wolf
SPED 522	Health Professionals in Special Education	1630-2030	May 29-June 21	MWF	3	ECAM-11	Owens
SPED 530	Current Issues in Assessment	1630-2030	May 29-June 19	MW	2	ECAM-23	Williams
SPED 534	Current Issues in Behavior Disorders	1300-1600	July 29-August 9	MTWRF	2	ECAM-10	Goor
SPED 535	Current Issues in Learning Disabilities	0900-1200	June 24-July 5	MTWRF	2	ECAM-23	Reisberg
SPED 538	Issues in Early Childhood Special Education	0900-1200	July 8-19	MTWRF	2	ECAM-27	Finn
SPED 539	Admin. Early Childhood/Special Education	0800-1600	July 22-26	MTWRF	2	ECAM-10	Owens
SPED 540	Early Intervention Programs	1300-1600	June 24-July 5	MTWRF	2	ECAM-14	Owens
SPED 541	Assessment of Infants and Preschoolers	1300-1600	July 8-19	MTWRF	2	ECAM-23	Owens
SPED 570	Applied Behavior Analysis for Teachers	0800-1600	July 22-26	MTWRF	2	ECAM-23	Williams
§SPED 575	Introduction to Collaborative Consultation	0900-1130	July 29-August 9	MTWRF	2	ECAM-10	Friend

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
SPED 576	Communication Skills for Consultation	1300-1600	July 29-August 9	MTWRF	2	ECAM-13	Friend
SPED 595	Special Education: Internship	TBA	May 28-August 23	TBA	4	TBA	Staff
SPED 598	Studies in Education	TBA	May 28-August 23	TBA	2	TBA	Staff
SPED 599	Thesis	TBA	May 28-August 23	TBA	3	TBA	Staff
English 535-7210							
ENGL 232	Women's Literature	0930-1215	July 29-August 23	MTWRF	4	ADMN-212	Marek
ENGL 241	American Literature	1330-1615	June 24-July 19	MTWRF	4	ADMN-212	G Johnson
ENGL 252	British Literature After 1750	0930-1215	May 28-June 21	MTWRF	4	ADMN-212	Campbell
ENGL 327A01/527A01	Imaginative Writing: Fiction	1800-2100	June 27-August 22	R	2 or 0	ADMN-212	Cady
ENGL 328A01/528A01	Advanced Composition: Journalism	1800-2100	June 25-August 22	TR	4 or 0	INGR-109	Rowe
ENGL 343	20th Century American Fiction and Drama	0930-1215	May 28-June 21	MTWRF	4	ADMN-214	Martin
ENGL 345	Canadian Fiction	1330-1615	July 29-August 23	MTWRF	4	ADMN-212	L. Johnson
ENGL 392	20th Cent. British Lit.: Bloomsbury Group	0930-1215	June 24-July 19	MTWRF	4	ADMN-212	Campbell
ENGL 565	Advanced Placement Institute: English	0900-1600	July 22-26	MTWRF	2	Rosso House	McQuade
Health Education 535-7350 (see also Physical Education)							
HEED 501A01	Food and Health	1800-2100	June 24-28	MTWRF	1	OGYM-Conf	Hoseth
HEED 501B02	Stress Without Distress	1800-2100	July 8-12	MTWRF	1	OGYM-Conf	Hoseth
HEED 501C03	School Health	1800-2100	July 15- 19	MTWRF	1	OGYM-Conf	Hoseth
History 535-7595							
HIST 108	History of Western Civilization	0930-1215	June 24-July 19	MTWRF	4	ADMN-204A	Nordquist
HIST 109	East Asian Societies	0930-1215	May 28-June 21	MTWRF	4	XAVR-114	Clausen
HIST 356	US Diplomatic History	0930-1215	July 29-August 23	MTWRF	4	XAVR-114	Birmingham
HIST 399	Internship	TBA	May 28-August 23	TBA	1	ECAM-21	Martinson
HIST 401	The Civil Rights Movement	0900-1600	July 22-26	MTWRF	2	XAVR-203	Kraig
HIST 461	West and Northwest	TBA	May 28-July 26	TBA	4	ECAM-21	Martinson
§HIST 502	Advanced Placement Institute: History	0800-1600	July 22-26	MTWRF	2	XAVR-114	Carp
Languages 535-7210							
CLAS 361	Greek and Roman Comedy in English	1230-1345	June 24-July 19	MTWRF	2	ADMN-216	Nelson
CLAS 362	Greek and Roman Tragedy in English	1230-1345	July 29-August 23	MTWRF	2	ADMN-216	Nelson
LANG 372	Feminist Approaches to Literature	1800-2100	June 24-August 22	MR	4	ADMN-210	Brown
SIGN 101	Sign Language	1800-2115	June 24-July 18	MTWR	4	ADMN-206	Pettie
SIGN 102	Sign Language	1800-2115	July 29-August 22	MTWR	4	ADMN-206	Pettie
SPAN 101	Elementary Spanish	0930-1215	June 24-July 19	MTWRF	4	ADMN-216	Faye
SPAN 102	Elementary Spanish	0930-1215	July 29-August 23	MTWRF	4	ADMN-210	Faye
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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Mathematics 535-7400 (see also Computer Science)							
MATH128	Math for Business & the Behavioral Sciences	1800-2100	May 28-July 25	TR	4	MGYM-101	Peterson
MATH151	Analytic Geometry and Calculus I	1800-2100	May 30-July 25	MR	4	MGYM-103	Meyer
MATH245	Discrete Structures	1100-1310	July 1-August 2	MTWRF	4	MGYM-102	Staff
MATH323	Modern Elementary Math	0930-1200	June 24-July 26	MTWRF	4	MGYM-103	Batker
MATH551	Advanced Placement Institute: Calculus	0900-1600	July 22-26	MTWRF	2	RCTR-220	Anderson

Music 535-7601

MUSI 105	How Music Works	1230-1500	May 28-June 21	MTWRF	4	Lewis House	Farner
SOTA 106	On Creativity	1800-2100	June 24-August 22	MR	4	EAUD-228	Youtz
MUSI 202-210	Private Instruction	TBA	May 28-August 23	TBA	1-2	TBA	Staff
MUSI 341A	Music for Teachers: Orff Schulwerk	0900-1600	July 22-26	MTWRF	2	EAUD-228	Palmason
MUSI 341B	Music for Teachers: World Cultures	0900-1600	July 22-26	MTWRF	2	EAUD-227	Jessup
MUSI 501A	Piano Pedagogy Workshop	0900-1200	July 15-19	MTWRF	1	EAUD-228	Knapp
MUSI 501B	Graduate Course: Orff Schulwerk	0900-1600	July 22-26	MTWRF	1	EAUD-228	Palmason
MUSI 501C	Graduate Course: World Cultures	0900-1600	July 22-26	MTWRF	1	EAUC-227	Jessup
MUSI 501D	Choral Workshop	0900-1700	July 29-August 2	MTWRF	2	EAUD-227	Sparks
MUSI 501E	Vocal Jazz Workshop	0900-1700	August 5-9	MTWRF	2	EAUD-227	McClure
MUSI 501F	Choral Workshop	0900-1700	July 29-August 2	MTWRF	0	EAUD-227	Sparks
MUSI 501G	Vocal Jazz Workshop	0900-1700	August 5-9	MTWRF	0	EAUD-227	McClure
MUSI 501H	Piano Pedagogy Workshop	0900-1200	July 15-19	MTWRF	0	EAUD-228	Knapp
MUSI 502-519	Private Instruction	TBA	May 28-August 23	TBA	1-2	TBA	Staff
MUSI 539	Topics in Music History	0930-1215	June 24-July 19	MTWRF	4	EAUD-227	Youtz
MUSI 542	Topics in Music Education	1800-2000	July 31-August 21	W	1-3	EAUD-228	Grieshaber
MUSI 545	Seminar in Advanced Conducting	0930-1215	August 12-23	MTWRF	2	EAUD-228	O'Neal
MUSI 590	Graduate Seminar	1300-1430	June 24-July 19	MTWR	2	EAUD-122	Kracht
MUSI 596	Research in Music	TBA	June 24-August 23	TBA	1-4	TBA	Staff
MUSI 599	Thesis	TBA	June 24-August 23	TBA	1-4	TBA	Staff
MUSI	Piano Performance Institute	TBA	July 15-August 3	MTWRF	0	TBA	Knapp

Nursing 535-7674

NURS 232	Pharmacology in Nursing	0900-1050	May 28-June 21	TWRF	2	RAMS-202	Kelly
NURS 462	Leadership in Nursing	TBA	June 4-July 16	TBA	2	Off-Campus	Kirkpatrick
NURS 473	Community as Client	TBA	May 28-July 16	MT	3	Off-Campus	Staff
NURS 511	School Nursing I	0800-1120	June 24-July 18	MTWR	3	RAMS-202	Synoground
NURS 512	School Nursing II	1300-1620	June 24-July 18	MTR	3	RAMS-202	Synoground
NURS 575	Nursing Leadership and Management	1700-2100**	June 3-July 11	TSAT	3	RAMS-202	Schultz

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Philosophy 535-7228							
PHIL 101	Philosophical Issues	0930-1215	July 29-August 23	MTWRF	4	ADMN-208	Sennett
PHIL 125	Moral Philosophy	0930-1215	May 28-June 21	MTWRF	4	ADMN-216	Myrbo
PHIL 225	Ethical Theory	1800-2115	May 28-June 20	TR	2	ADMN-200	Cooper
PHIL 226	Moral Problems	1800-2115	June 24-July 18	TR	2	ADMN-208	Myrbo
§PHIL 347	History & Philosophy of Forensic Science	1230-1530	June 24-August 22	MR	4	ADMN-210	Nordby
PHIL 350	Philosophy of Religion	1500-1700	May 28-July 25	MTR	4	ADMN-204A	Cooper

Physical Education 535-7350

PHED 100 01	Personalized Fitness Program	1230-1345	June 24-July 18	MTWR	1	ECAM-Gym	ScWestering
PHED 100 02	Personalized Fitness Program	1230-1345	July 29-August 22	MTWR	1	OGYM	Chase
PHED 151	Beginning Golf	0800-0915	May 28-June 20	MTWR	1	OGYM-Field	Marshall
PHED 155	Beginning Bowling	0930-1045	June 24-July 18	MTWR	1	UCTR-Bowl	ScWestering
PHED 162	Beginning Tennis	0700-0815	May 28-June 20	MTWR	1	MGYM-Gym	Benson
PHED 163	Beginning Badminton	1800-2000	June 25-July 18	TR	1	ECAM-Gym	Adachi
PHED 165	Racketball/Squash	1100-1215	July 29-August 22	MTWR	1	OGYM-Rball	Marshall
PHED 177	Weight Training	1530-1645	June 24-July 18	MTWR	1	Fit-Center	ScWestering
PHED 182	Low Impact Aerobics	1230-1345	May 28-June 20	MTWR	1	Fit-Center	SuWestering
PHED 183	Power Aerobics	1700-1815	June 24-July 18	MTWR	1	MGYM-Gym	SuWestering
PHED 191	Intermediate/Advanced Golf	0800-0915	July 29-August 22	MTWR	1	OGYM-Field	Marshall
PHED 192	Intermediate Tennis	1700-1815	June 24-July 18	MTWR	1	MGYM-Gym	Benson
PHED 193	Intermediate Badminton	1800-2030	July 30-August 22	TR	1	ECAM-Gym	Adachi
PHED 207	Basic Sailing	1900-2130	July 29-August 19	M	1	Off Campus	Rice
PHED 234	Relaxation Techniques	1400-1700	June 10-14	MTWRF	1	ECAM-Gym	Seal
PHED 288	Teaching Methods in Weight Training	1800-2100	June 24-28	MTWRF	1	Fit-Center	ScWestering
PHED 322	Physical Education in Elementary Schools	1500-1800	June 17-28	MTWRF	2	ECAM-Gym	Poppen
PHED 399	Internship	TBA	TBA	TBA	4-8	TBA	Olson
PHED 480	Exercise Physiology	0800-1030	May 28-June 21	MTWRF	4	OGYM-106	Evans
PHED 501A01	Teaching Methods for Aerobics	1800-2100	July 8-15	MTWRF	1	Fit-Center	SuWestering
PHED 501B02	Dance in Elementary & Middle School	1800-2100	July 22-26	MTWRF	1	ECAM-Gym	Poppen
PHED 501C03	Psychological Skills & Peak Performance	1300-1600	July 22-26	MTWRF	1	OGYM-Conf	Hacker
PHED 501D04	Health & Fitness Evaluation/Programming	1800-2100	July 22-August 2	MTWRF	2	OGYM-105	Chase
PHED 501E05	Trends & Creative Ideas for Elem PE	1800-2100	July 29-August 2	MTWRF	1	ECAM-Gym	Poppen
PHED 501F06	Adapted PE in the Mainstream	1800-2100	August 5-9	MTWRF	1	OGYM-104	Kluge
PHED 501G07	Social Studies Teachers Who Coach	0900-1600	July 22-26	MTWRF	1	RCTR-103	Evans
PHED 536	Health & Fitness Management	0900-1200	June 24-July 5	MTWRF	2	OGYM-106	Evans

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
Physics 535-7534							
PHYS 125	College Physics	0800-1045	June 3-July 12	MTWRF	4	RCTR-210	Taylor
PHYS 126	College Physics	0800-1045	July 15-August 23	MTWRF	4	RCTR-210	Upton
PHYS 135	College Physics Laboratory	1300-1600	June 4-July 11	TR	1	RCTR-210	Taylor
PHYS 136	College Physics Laboratory	1300-1600	July 16-August 22	TR	1	RCTR-210	Upton
Political Science 535-7595							
POLS 326	Recent Political Thought	0930-1215	May 28-June 21	MTWRF	4	XAVR-203	Farmer
POLS 338	American Foreign Policy	1230-1515	July 29-August 23	MTWRF	4	XAVR-203	Kelleher
POLS 350	Religion and American Politics	1800-2100	May 28-July 25	TR	4	XAVR-203	Olufs
POLS 368	The American Presidency	0930-1215	June 24-July 19	MTWRF	4	XAVR-204	Spencer
POLS 502	Advanced Placement Government	0900-1600	July 22-July 26	MTWRF	2	ADMN-214	Pedersen
Psychology 535-7294							
PSYC 335	Development: Infancy to Maturity	0930-1215	June 24-July 19	MTWRF	4	XAVR-203	Brown
PSYC 401	Asian American Experience	0900-1600	July 22-26	MTWRF	2	XAVR-204	Moritsugu
PSYC 440	Psychology of Work	0930-1215	May 28-June 21	MTWRF	4	XAVR-114	Hansvick
PSYC 450	Psychological Testing	1800-2100	May 28-July 26	MR	4	ADMN-204B	Staff
PSYC 460	Learning: Research and Theory	0930-1215	July 29-August 23	MTWRF	4	ADMN-209	Nolph
Religion 535-7321							
RELI 121	The Christian Tradition	1230-1515	May 28-June 21	MTWRF	4	ADMN-216	Howell
RELI 131	Religions of South Asia	1800-2100	May 29-July 24	MW	4	ADMN-208	Ingram
RELI 132	Religions of the Far East	1230-1515	June 24-July 19	MTWRF	4	ADMN-208	Ingram
RELI 212	Religion & Lit. of the New Testament	1800-2100	June 24-August 22	MR	4	ADMN-216	Oakman
RELI 223	American Church History	0930-1215	June 24-July 19	MTWRF	4	ADMN-200	Duntley
RELI 225	Faith and Spirituality	0930-1215	May 28-June 21	MTWRF	4	ADMN-204A	Gross
RELI 231	Myth, Ritual, Symbol	0930-1215	July 29-August 23	MTWRF	4	ADMN-200	Pilch
RELI 332	The Life of Jesus	1400-1645	July 29-August 23	MTWRF	4	ADMN-216	Oakman/Pilch
Sociology 535-7662							
SOCI 330	The Family	0900-1230	July 29-August 22	MTWR	4	XAVR-114	Biblarz
SOCI 340	Sociology and Violent Behavior	0900-1215	June 24-July 19	MTWRF	4	XAVR-114	Reasons
SOCI 401	Work in American Society	0800-1600	July 22-26	MTWRF	2	ADMN-206	Cochrane
SOCI 450	Group Dynamics	1800-2130	May 28-July 18	TR	4	XAVR-114	Reasons
SOCI 530	Group Dynamics	1800-2130	May 28-July 18	TR	4	XAVR-114	Reasons

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SCHEDULE OF CLASSES

Course ID	Title	Time	Dates	Days	Sem Hrs	Location	Instructor
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Social Work and Marriage & Family Therapy 535-7397

SOCW 333	Interviewing	0800-1200	July 22-August 9	MTWRF	4	ECAM-27	Johnstone
SOCW 475/476	Field Experience	TBA	May 28-August 23	TBA	4	TBA	Keller
MFTH 512	Professional Studies in MFT	1800-2120	May 29-July 10	W**	3	ECAM-27	York/Storm
MFTH 519	Practicum I	TBA	May 28-August 15	TBA	2	TBA	Storm/York
MFTH 520	Theory I	TBA	May 28-August 15	TBA	2	TBA	York/Storm
MFTH 521	Practicum II	TBA	May 28-August 15	TBA	2	TBA	Storm/York
MFTH 522	Theory II	TBA	May 28-August 15	TBA	2	TBA	Storm/York
MFTH 523	Practicum III	TBA	May 28-August 15	TBA	2	TBA	Storm/York
MFTH 524	Theory III	TBA	May 28-August 15	TBA	2	TBA	York/Storm
MFTH 525	Practicum IV	TBA	May 28-August 15	TBA	4	TBA	Storm/York

Social Sciences 535-7670

SSCI 505	Social Science Research Methods	1830-2200	July 11-August 22	TR	4	XAVR-204	Schiller
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Statistics 535-7597

STAT 231	Introductory Statistics	0800-1045	May 28-June 21	MTWRF	4	ADMN-206	Jensen
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SPED 408
Career and Vocational Education for Students with Special Needs (2)

Term III: July 29-August 9
 Focus on career education curricula, life adjustment and vocational instruction for mild and moderately handicapped adolescents and adults. Includes emphasis on community transition programs, supervised work and living arrangements and assessment of occupational skills. Tuition: \$203 per semester hour.
 0900-1200, MTWRF. ECAM-14. M. Cronin

SPED 475
Supervising Para-Professionals and Volunteers (1)

Term I: June 1 & June 8
 Emphasis on the effective management of para-professionals and volunteers in the classroom. Tuition: \$203 per semester hour.
 0830-1630, SAT. ADMN-117. K. Gerlach

SPED 492
Methods of Teaching Special Needs Children (2)

Term I: May 28-June 20
 Early childhood methods, materials, curriculum and techniques for teaching children with special needs. Prerequisite: SPED 490 Early learning Experiences for the Handicapped Child. Tuition: \$203 per semester hour.
 1630-2030, TR. ECAM-11. H. Owens

SPED 494
Computer Applications for the Handicapped (2)

Term II: June 24-July 5
 An introduction to the application of computer technology with handicapped students. Focus on current issues and uses of computer technology

including computer assisted instruction, software evaluation, pupil and data management and computer aids for the handicapped. Tuition: \$203 per semester hour.
 1300-1600, MTWRF. RAMS-204. J. Beaulieu

SPED 503A01*
Stress in Children and Adolescents (2)

Term I: May 29-June 19
 An overview of childhood and adolescent stress. Topics include intervention strategies, self-esteem, adolescent suicide, eating disorders, relaxation techniques, visual imagery, problem solving techniques, goal setting and prevention. *May also be taken as EDUC 503B02*, see page 20 for description. Tuition: \$228 per semester hour.
 1700-2100, MW. ECAM-13. K. Gerlach

SPED 503B02*
Advanced Computers in Special Education (2)

July 8-July 19
 *May also be taken as CSC1 508, see page 16 for description. Tuition: \$228 per semester hour.
 1300-1600, MTWRF. RAMS-204. J. Beaulieu

SPED 520
Classroom Teaching for Learners with Special Needs (2)

Term WW: July 22-July 26
 An examination of teaching strategies appropriate for exceptional children in regular classrooms. Emphasis on the needs of exceptional children, program modification and classroom management. Designed for regular educators. Tuition: \$228 per semester hour.
 0800-1600, MTWRF. ECAM-11. R. Wolf

SPED 521
Classroom Teaching for Adolescents with Special Needs (2)

Term WW: July 22-July 26
 An examination of teaching strategies appropriate for exceptional adolescents in regular classrooms. Emphasis on the needs of exceptional adolescents, program modification, and classroom management. Designed for regular educators. Tuition: \$228 per semester hour.
 0800-1600, MTWRF. ECAM-27. R. Wolf

SPED 522
Health Professionals in Special Education (3)

Term I: May 29-June 21
 An introduction for school nurses to the special learners within the school environment. Emphasis is placed on the role of the school nurse as a team member in providing comprehensive services to children with special needs. Other topics deal with special issues and trends such as parents as partners, legal and medical concerns, early childhood, drugs, alcohol and suicide. Tuition: \$228 per semester hour.
 1630-2030, MWF. ECAM-11. H. Owens

SPED 530
Current Issues in Assessment (2)

Term I: May 29-June 19
 Current issues in the use of assessment information for making educational decisions. Prerequisite: SPED 398, Assessment in Special and Remedial Education or consent of instructor. Tuition: \$228 per semester hour.
 1630-2030, MW. ECAM-23. G. Williams

SPED 534 **Current Issues** **in Behavior Disorders (2)**

Term III: July 29-August 9
Current Issues related to the education of children and youth with behavior disorders. Prerequisite: SPED 393 or consent of instructor. Tuition: \$228 per semester hour.
1300-1600, MTWRF. ECAM-10. M. Goor

SPED 535 **Current Issues** **in Learning Disabilities (2)**

Term II: June 24-July 5
Current issues related to the education of children and adults with learning disabilities. Prerequisite: SPED 290 or consent of instructor. Tuition: \$228 per semester hour.
0900-1200, MTWRF. ECAM-23. L. Reisberg

SPED 538 **Issues in Early Childhood** **Special Education (2)**

Term II: July 8-July 19
Current issues related to the education of pre-school handicapped children. Prerequisite: SPED 490 or consent of instructor. Tuition: \$228 per semester hour.
0900-1200, MTWRF. ECAM-27. D. Finn

SPED 539 **Administration** **of Early Childhood/Special** **Education Programs (2)**

Term WW: July 22-July 26
Study of the administration of early childhood programs with emphasis on remediation techniques and interdisciplinary approaches. Prerequisite: SPED 490, Early Learning Experiences for the Handicapped Child. Tuition: \$228 per semester hour.
0800-1600, MTWRF. ECAM-10. H. Owens

SPED 540 **Early Intervention** **Programs (2)**

Term II: June 24-July 5
Current practices in medical, therapeutic and educational intervention techniques used in the habilitation of handicapped children ages birth through six. Tuition: \$228 per semester hour.
1300-1600, MTWRF. ECAM-14. H. Owens

SPED 541 **Assessment of Infants** **and Preschoolers (2)**

Term II: July 8-July 19
Use of appropriate tools and procedures in diagnosing and evaluating young children's needs, leading to relevant educational programming. Tuition: \$228 per semester hour.
1300-1600, MTWRF. ECAM-23. H. Owens

SPED 570 **Applied Behavior** **Analysis for Teachers (2)**

Term WW: July 22-July 26
A survey of the principles and techniques of applied behavior analysis. Includes behavior modification, self-control techniques, cognitive behavior modification and research design. Tuition: \$228 per semester hour.
0800-1600, MTWRF. ECAM-23. G. Williams

SPED 575 **Introduction to Collaborative** **Consultation (2)**

Term III: July 29-August 9
Introduction to the principles and practices of a consulting teacher model in special education. Focus on instructional delivery appropriate for providing direct and indirect services to handicapped children in mainstream classrooms. Tuition: \$228 per semester hour.
0900-1130, MTWRF. ECAM-10. M. Friend

SPED 576 **Communication Skills for** **Collaborative Consultation** **in Special Education (2)**

Term III: July 29-August 9
Emphasis on the interpersonal skills necessary for consulting teachers in special education. Exploration of variables involved in developing cooperation between consultants and regular classroom teachers. Tuition: \$228 per semester hour.
1300-1600, MTWRF. ECAM-13. M. Friend

SPED 595 **Special Education:** **Internship (4)**

Term I: May 28-August 23
Internship in special education settings under the direction and supervision of classroom and university faculty. Prerequisite: Teaching credential and consent of instructor. Tuition: \$228 per semester hour.
TBA. Staff

SPED 598 **Studies in Education (2)**

May 28-August 23
A research paper or project on an educational issue selected jointly by the student and the graduate adviser. It will be reviewed by the student's graduate committee. Prerequisite: Tally card required. Tuition: \$228 per semester hour.
TBA. Staff

SPED 599 **Thesis (3)**

Term I: May 28-August 23
The thesis problem is chosen from the candidate's major field of concentration and must be approved by the candidate's graduate committee. Candidates are expected to defend their theses in final oral examinations conducted by their committees. Prerequisite: Tally card required. Tuition: \$228 per semester hour.
TBA. Staff

ENGLISH

ENGL 232 Women's Literature (4)

Term III: July 29-August 23
Introduces some of the fiction, poetry, essays and plays women have written in English during the past few centuries--some familiar "'masterpieces'" and some which may be new to you. Find out what makes women's writing special. Discuss feminist approaches to literature in general. Participants are expected to do all reading assignments, join in class discussions and prepare two short papers, a midterm and final exam. Fulfills GUR in literature. Tuition: \$203 per semester hour. 0930-1215, MTWRF. ADMN-212. J. Marek

ENGL 241 American Literature (4)

Term II: June 24-July 19
In this intensive survey, students concentrate on shorter works--mainly stories and poems--that point up themes, styles, techniques and lines of influence central to the development of American literature from 1865-1980, an age of political upheaval, economic depression, cultural revolution and, of course, world war. This strategy provides multiple perspectives on the era. Daily readings, short paper and final exam. Regular attendance and participation are essential. Fulfills GUR in literature. Tuition: \$203 per semester hour. 1330-1615, MTWRF. ADMN-212. G. Johnson

ENGL 252 British Literature After 1750 (4)

Term I: May 28-June 21
A survey of more than 200 years in British literary history, from the breakup of the neoclassical world to the emergence of the atomic one, from the elegant, urbane satires of Pope to the disturbing urban mosaics of T.S. Eliot. Cover the literary landscape of the

Augustans, Romantics, Victorians and Moderns -- their poetry, drama and fiction -- and consider the cultural currents that are both reflected in the literature and, to some extent, responsible for it. Representative works by Swift, Johnson, Wordsworth, Byron, Keats, Tennyson, Browning, Joyce, Lawrence and Woolf. Fulfills GUR in literature. Tuition: \$203 per semester hour. 0930-1215, MTWRF. ADMN-212. T. Campbell

ENGL 327A01* Imaginative Writing Workshop: Fiction (2)

June 27-August 22
Deals with techniques of writing and rewriting fiction. Stories usually fail because the writer has missed opportunities in the material. Find out how to spot those opportunities and use them to strengthen stories. The course includes class discussion and individual conferences with the instructor. Jack Cady has published five novels and two collections and his work appears in ten national anthologies. Does not fulfill university writing requirement. *Also available for graduate credit, see ENGL 527A01, below. Tuition: \$203 per semester hour. 1800-2100, R. ADMN-212. J. Cady

ENGL 328A01* Advanced Composition: Literary Journalism (4)

June 25-August 22
In the past several years an exciting literary form has gained national recognition. Literary journalists combine the techniques of fiction with the investigative resources of journalism, as seen in the work of Joan Didion, John McPhee and Tracy Kidder. Includes research, discussion and conferences with the instructor. Cliff Rowe worked twenty years as a professional journalist before joining the PLU faculty. Fulfills University requirement in writing with permission of instructor. Prerequisite: Tally card required if taken to fulfill GUR. Obtain

card from English department, Administration building room 220. *Also available for graduate credit, see ENGL 528A01, below. Tuition: \$203 per semester hour. 1800-2100, TR. INGR-109. C. Rowe

ENGL 343 20th Century American Fiction and Drama (4)

Term I: May 28-June 21
A study of novels and plays by some of the best writers of the last 90 years. Highlights American writing of the Jazz Age (the Twenties) and more contemporary work of the Sixties and Seventies. Includes novelists like Fitzgerald, Hemingway, Faulkner, Heller and Pynchon and drama by O'Neill, Miller and Shepard. Requires extensive time for reading and four short papers. Fulfills GUR in literature. Tuition: \$203 per semester hour. 0930-1215, MTWRF. ADMN-214. D. Martin

ENGL 345 Canadian Fiction (4)

Term III: July 29-August 23
Investigates the significant influences of emigrants, social realists, romantic Loyalists, women and native peoples upon the mosaics of Canadian literature. The focus is on the specific subject of "Northern Voices" in the age-old problem of bi-culturalism in Canada, up to the present-day failure of the Meech Lake Accord. A mixture of lectures, discussions and films. Students are required to write short, critical reviews of selected fiction and to write a final examination. Fulfills GUR in literature. Tuition: \$203 per semester hour. 1330-1615, MTWRF. ADMN-212. L. Johnson

ENGL 392 20th Century British Literature: Bloomsbury Group (4)

Term II: June 24-July 19
From the Irish Literary Renaissance to the "absurd" vision of Pinter, this

course addresses mostly poetry, drama and short fiction plus a few novels and films. The focus falls on a dozen major figures, including Yeats, Joyce, Lawrence, Woolf, Mansfield, Orwell, Lessing. Participants are expected to do all reading, participate in class discussion and activities and prepare two short papers. Fulfills General University Requirement in literature. Tuition: \$203 per semester hour. 0930-1215, MTWRF. ADMN-212. T. Campbell

ENGL 527A01*
Imaginative Writing
Workshop: Fiction (2)

June 27-August 22

*Also available for undergraduate credit, see ENGL 327A01 above. Tuition: \$228 per semester hour. 1800-2100, R. ADMN-212. J. Cady

ENGL 528A01*
Advanced Composition:
Literary Journalism (4)

June 25-August 22

*Also available for undergraduate credit, see description under ENGL 328A01 above. Tuition: \$228 per semester hour. 1800-2100, TR. INGR-109. C. Rowe

ENGL 527B02
Imaginative Writing
Workshop: Fiction (0)

June 27-August 22

Same as ENGL 327A01/527A01, but for no credit. Fee: \$150. 1800-2100, R. ADMN-212. J. Cady

ENGL 528B02
Advanced Composition:
Literary Journalism (0)

June 25-August 22

Same as 328A01/528A01 but for no credit. Fee: \$150. 1800-2100, TR. INGR-109. C. Rowe

ENGL 565
Advanced Placement
English Institute:
Literature and Language (2)

Term WW: July 22-July 26

An intensive course for high school faculty involved in AP English courses. Based on the premise that successful Advanced Placement teachers combine extensive knowledge of both literature and of advanced composition with an assured command of teaching strategies. Without knowledge, obviously even a fascinating teacher merely entertains. Without teaching skills, of course, even an encyclopedic mind fails to communicate. Both knowledge and teaching techniques, therefore, are emphasized in this intensive study of AP English. Tuition: \$228 per semester hour. 0900-1600, MTWRF. Rosso House. F. McQuade

HEALTH EDUCATION

(See also Physical Education, page 45)

HEED 501A01
Food and Health (1)

June 24-June 28

Topics include nutrients and metabolism, dietary guidelines, food faddism, labeling, additives, vegetarianism, obesity and nutrition for special populations. Tuition: \$228 per semester hour. 1800-2100, MTWRF. OGYM-Conf Room. P. Hoseth

HEED 501B02
Stress Without Distress (1)

July 8-July 12

Consideration of stress, what people should know about stress, how to reduce the harmful effects of stress and the relationship of increased stress to disease problems. Tuition: \$228 per semester hour. 1800-2100, MTWRF. OGYM-Conf Room. P. Hoseth

HEED 501C03
School Health (1)

July 15-July 19

Health concepts which relate to the total school health program. Primary emphasis on instructional materials and teaching ideas. Tuition: \$228 per semester hour. 1800-2100, MTWRF. OGYM-Conf Room. P. Hoseth

HISTORY

HIST 108
History of Western
Civilization (4)

Term II: June 24-July 19

Analysis of institutions and ideas in Europe from the Renaissance to the present. Tuition: \$203 per semester hour. 0930-1215, MTWRF. ADMN 204A. P. Nordquist

HIST 109
East Asian Societies (4)

Term I: May 28-June 21

A historical overview of the cultures, traditions and lives of the people of China and Japan. Discussion of the lives of peasants, emperors, merchants and warriors in each society. Attention to the great technological and artistic developments in each society. Tuition: \$203 per semester hour. 0930-1215, MTWRF. XAVR-114. E. Clausen

HIST 356
US Diplomatic History (4)

Term III: July 29-August 23

The practice, function and structure of American foreign policy with particular emphasis on the twentieth century. Tuition: \$203 per semester hour. 0930-1215, MTWRF. XAVR-114. J. Bermingham

HIST 399 **Internship (1)**

May 28-August 23
Arrangements made with instructor prior to May 15; have completed one course in history and one year in college; tally card signed by instructor must accompany registration. Tuition: \$203 per semester hour.
TBA. ECAM-21. A. Martinson

HIST 401 **The Civil Rights Movement (2)**

Term WW: July 22-July 26
Employs lectures, class discussions, assigned readings and the film series "Eyes on the Prize" to outline and analyze the struggle for civil rights led by African-Americans in the 1950s and 1960s. Key issues to be addressed include the effectiveness of non-violent protest, schisms within the movement, tardy federal responses to calls for integration & legislation and the leadership of individual African-Americans. Appropriate for history students, social science teachers and those interested in African-American studies. Tuition: \$203 per semester hour.
0900-1600, MTWRF. XAVR-203. B. Kraig

HIST 461 **West and Northwest (4)**

May 28-July 26
An interpretive research and writing project on community history, normally, one's hometown, structured to individualized study. On-site research in communities required, according to current guidelines. Class orientation first week required. Can be used by teachers and prospective teachers in meeting curriculum requirements. Limited enrollment. Tally card signed by instructor must accompany registration; students are advised to meet with the instructor in early May. Call (206) 535-7648 for further information. Tuition: \$203 per semester hour.
TBA. ECAM-21. A. Martinson

HIST 502 **Advanced Placement Institute: History (2)**

Term WW: July 22-July 26
The main ideals and interpretations of American history from colonial times through the early 1970s. Mornings are organized chronologically with each day devoted to a period of American history. Afternoons are used for informal discussions on organizing the Advanced Placement course, teaching methods, reading loads, written assignments and other issues faced by AP History teachers. Participants who have had some experience teaching AP History are encouraged to bring with them samples of their teaching materials to share with the class. Tuition: \$228 per semester hour.
0800-1600, MTWRF. XAVR-114. W. Carp

LANGUAGES

The GUR Literature Requirement can be fulfilled by the following courses offered by the Languages Department: Classics 361-362 and Languages 372.

CLAS 361 **Greek and Roman Comedy in English (2)**

Term II: June 24-July 19
Covers a selection of Greek old comedy (Aristophanes) and Roman comedy (Plautus and Terence), including the origin of comedy as a dramatic form, its role in ancient Greece and its transformation into the comedy of manners in Roman times. It also explores the influence of ancient comedy on later dramatists (Shakespeare and Moliere). Classwork consists of reading and discussion, a weekly quiz, movie review and a final essay. This course together with Classics 362 meets the GUR in literature. Tuition: \$203 per semester hour.
1230-1345, MTWRF. ADMN-216. E. Nelson

CLAS 362 **Greek and Roman Tragedy in English (2)**

Term III: July 29-August 23
Covers a selection of plays by the Greek tragedians (Aeschylus, Sophocles, Euripides) and by the Roman dramatist Seneca and surveys the evolution of tragedy as a dramatic form and its role in state ritual. Also considers staging for both ancient and modern audiences. Classwork consists of reading and discussion, a weekly quiz, movie review and final essay. This course together with Classics 361 meets the GUR in literature. Tuition: \$203 per semester hour.
1230-1345, MTWRF. ADMN-216. E. Nelson

LANG 372 **Feminist Approaches to Literature (4)**

June 24-August 22
Explore a world of untapped fiction and challenge classical works with new perspectives. Examine feminist methodological approaches from the non-English speaking world. Selected continental and non-western poetry and prose by and about women are studied from within this framework, which includes writers from countries such as China, France, Germany, Greece, Norway and Spain. All readings are in English translation. Languages 372 meets the GUR requirement in literature and the departmental core requirement for the minor in Women's Studies. Tuition: \$203 per semester hour.
1800-2100, MR. ADMN-210. R. Brown

SIGN 101 **Sign Language (4)**

Term II: June 24-July 18
An introduction to the structure of American Sign Language and to the culture of the hearing-impaired. The course covers basic signing skills and

vocabulary, fingerspelling and the particular needs and problems of deaf people. The course material is presented through demonstrations, drill, mime, recitals, lectures and discussions. Especially valuable to teachers, social workers, nurses and others who need to work with those in the deaf community. Tuition: \$203 per semester hour. 1800-2115, MTWR. ADMN-206. J. Pettie

SIGN 102
Sign Language (4)

Term III: July 29-August 22
Continuation of SIGN 101 above.
Tuition: \$203 per semester hour.
1800-2115, MTWR. ADMN-206. J. Pettie

SPAN 101
Elementary Spanish (4)

Term II: June 24-July 19
The United States now has the world's fifth-largest Spanish-speaking population. SPAN 101 introduces the language of around 15 million Americans, including its pronunciation and structure and presents a balanced approach to listening, speaking, reading and writing Spanish in class and laboratory work. Tuition: \$203 per semester hour.
0930-1215, MTWRF. ADMN-216. L. Faye

SPAN 102
Elementary Spanish (4)

Term III: July 29-August 23
Continuation of SPAN 101 above.
Students with one year of high school Spanish may take this course. Tuition: \$203 per semester hour.
0930-1215, MTWRF. ADMN-210. L. Faye

MATHEMATICS

(See also Computer Science, page 15)

Students enrolling in MATH 128 or MATH 151 may be asked to take the Math Placement Test after registration.

MATH 128
Math for Business & the Behavioral Sciences (4)

May 28-July 25
Linear programming and introduction to differential and integral calculus to business. Concepts are developed intuitively with applications. Use of mathematical tools stressed throughout the course. Students may be asked to take a math placement test after registration. Prerequisite: Two years of high school algebra or MATH 111, College Algebra, or equivalent. Tuition: \$203 per semester hour.
1800-2100, TR. MGYM-101. G. Peterson

MATH 151
Analytic Geometry and Calculus I (4)

May 30-July 25
Analytic geometry, functions, limits, derivatives and integrals with applications. Students may be asked to take a math placement test after registration. Prerequisite: MATH 140, Functions, Analytic Geometry and Probability; or equivalent. Tuition: \$203 per semester hour.
1800-2100, MR. MGYM-103. C. Meyer

MATH 245
Discrete Structures (4)

July 1-August 2
Provides the mathematical background necessary for upper division work in computer science. Sets, relations, functions, combinatorics and graph theory and their relation to topics in computer science. Techniques of logical reasoning including methods of

quantified logic, deduction, induction and contradiction are taught and applied throughout the course. Prerequisite: MATH 152, Analytic Geometry and Calculus. Tuition: \$203 per semester hour.
1100-1310, MTWRF. MGYM-102. Staff

MATH 323
Modern Elementary Math (4)

June 24-July 26
Concepts underlying traditional computational techniques; a systematic analysis of arithmetic; an intuitive approach to algebra and geometry. Intended for elementary teaching majors. Prerequisite to EDUC 326, Mathematics in the Elementary School. Prerequisite: Consent of instructor. Tuition: \$203 per semester hour.
0930-1200, MTWRF. MGYM-103. K. Batker

MATH 551
Advanced Placement Institute: Calculus (2)

Term WW: July 22-July 26
There is considerable discussion under way in the mathematics community as to what should be taught in calculus and how it should be taught. The "lean and lively" approach suggests that calculus be made conceptual rather than computational, with increased geometric reasoning and an emphasis on application and approximation. The Institute focuses on all three of the necessary categories: (1) content, (2) pedagogy and (3) new directions in calculus. Designed for in-service secondary math teachers who are teaching or are planning to teach AP calculus in high school. Selected topics from single-variable calculus which lead to practical applications are discussed, along with strategies for the effective teaching of these topics. Concentrates on subject matter and on ideas for effective teaching. Tuition: \$228 per semester hour.
0900-1600, MTWRF. RCTR-220. G. Anderson

MUSIC

Piano Performance Institute (0)

July 15-August 3
For junior and senior high school students. For brochure, write: Dr. Calvin Knapp, Coordinator, Piano Performance Institute, Music Department, Pacific Lutheran University, Tacoma, WA 98447.
MTWRF. C. Knapp

MUSI 105 How Music Works (4)

Term I: May 28-June 21
A practical, hands-on introduction to the nuts and bolts of making music: how to read it, how to write it down, how to play basic keyboard, how to make sense of chords and scales and make them work in your own pieces. Geared to the musical beginner or near beginner and also serves as a refresher for students who miss their musical experience from previous years. Meets CORE I requirement in arts/literature, line I. Tuition: \$203 per semester hour. 1230-1500, MTWRF. Lewis House. R. Farner

SOTA 106 On Creativity (4)

June 24-August 22
On Creativity is an exploration of the creative state, the creative process and the creative act. We will read about creativity through the testimonies of scientists, artists, writers and musicians and explore our own creativity through projects and games. Heavily experiential, the course will make use of in-class games and puzzles, the use of dream imagery as source material, meditation as a door to the inner self and improvisation as a means and an end. In and out of class projects will exercise our creativity in words, sounds, images and movement. Above all, the course will try to re-introduce us to the element of play which is so natural to children and so necessary to the creative process.

Frequent use of free writing and other journal entries will keep us constantly self-aware of our thinking styles and our responses to things as we experience our creativity (or sometimes lack of it!). It will also hold the frequent written projects, random notes and doodles of each class member. No previous experience is required for this class. Meets Core I requirements in arts/literature, line 1. Tuition: \$203 per semester hour.
1800-2100, MR. EAUD-228. G. Youtz

MUSI 202-210 or MUSI 502-519 Private Instruction (1-2)

The Department of Music offers private instruction in a variety of media, subject to instructor availability. Contact the Music Office for lesson, credit and tuition details at (206) 535-7601.

MUSI 341A Music for Classroom Teachers: Orff Schulwerk (2)

Term WW: July 22-July 26
Methods and procedures in teaching elementary school music as well as infusing the arts in the curriculum, employing Orff Schulwerk techniques. Offered for students preparing for elementary classroom teaching (non-music education majors). Tuition: \$203 per semester hour.
0900-1600, MTWRF. EAUD-228. A. Palmason

MUSI 341B Music for Classroom Teachers: World Cultures(2)

Term WW: July 22-July 26
Methods and techniques in teaching elementary school music employing music and other arts from world cultures. Offered for students preparing for elementary classroom teaching (non-music education majors). Tuition: \$203 per semester hour.
0900-1600, MTWRF. EAUD-227. L. Jessup

MUSI 501A Piano Pedagogy Workshop (1)

July 15-July 19
The teaching of theory and keyboard harmony from the beginning to the advanced level. Subjects include teaching reading, key signature, chord progressions, keyboard harmony and improvisations, transposing, modulation, melody harmonization and analysis. Open to teachers and those interested in furthering their keyboard skills and knowledge of music. Tuition: \$228 per semester hour.
0900-1200, MTWRF. EAUD-228. C. Knapp

MUSI 501B Graduate Course for Music Specialists: Orff Schulwerk (1)

Term WW: July 22-July 26
Intensive week-long study with a master teacher in music, focusing on Orff Schulwerk techniques. Taught in conjunction with MUSI 341A. Write for special brochure, Department of Music, Pacific Lutheran University, Tacoma, WA 98447. Tuition: \$228 per semester hour.
0900-1600, MTWRF. EAUD-228. A. Palmason

MUSI 501C Graduate Course for Music Specialists: World Cultures (1)

Term WW: July 22-July 26
Intensive week-long study with a master teacher in music, focusing on music and other arts from world cultures. Taught in conjunction with MUSI 341B. Write for special brochure, Department of Music, Pacific Lutheran University, Tacoma, WA 98447. Tuition: \$228 per semester hour.
0900-1600, MTWRF. EAUD-227. L. Jessup

MUSI 501D**Choral Workshop (2)**

July 29-August 2
Sessions exploring rehearsal techniques, vocal development, conducting technique and music style. Clinicians explore problems and new ideas for all levels: junior high, senior high, college and church. Includes a packet of literature selected by each technician. The workshop group gives a short, informal concert conducted by the clinicians in Christ Episcopal Church, with its beautiful acoustics. Available for no credit, \$150 (register for MUSI 501F). Write for special brochure, Department of Music, Pacific Lutheran University, Tacoma, WA 98447. Tuition: \$228 per semester hour. 0900-1700, MTWRF. EAUD-227. R. Sparks

MUSI 501E**Vocal Jazz Workshop (2)**

August 5-August 9
A workshop specifically designed to equip teachers of all levels with repertoire and rehearsal skills necessary for the inclusion of the vocal jazz idiom in a choral curriculum. The main activity of the week is "rehearsal sessions," where workshop participants study and sign specially selected vocal jazz literature. Some participants serve as conductors for these sessions, during which rehearsal techniques, vocal jazz style, improvisation and microphone techniques are discussed. Available for no credit, \$150 (register for MUSI 501G). Write for special brochure, Department of Music, Pacific Lutheran University, Tacoma, WA 98447. Tuition: \$228 per semester hour. 0900-1700, MTWRF. EAUD-227. C. Bleecker McClure

MUSI 501F**Choral Workshop (0)**

July 29-August 2
Same as MUSI 501D, but for no credit. Fee: \$150. 0900-1700, MTWRF. EAUD-227. R. Sparks

MUSI 501G**Vocal Jazz Workshop (0)**

August 5-August 9
Same as MUSI 501E, but for no credit. Fee: \$150. 0900-1700, MTWRF. EAUD-227. C. Bleecker McClure

MUSI 501H**Piano Pedagogy Workshop (0)**

July 15-July 19
Same as MUSI 501A, but for no credit. Fee: \$150. 0900-1200, MTWRF. EAUD-228. C. Knapp

MUSI 539**Topics in Music History (4)**

Term II: June 24-July 19
In depth study of selected topics in music history. Tuition: \$228 per semester hour. 0930-1215, MTWRF. EAUD-227. G. Youtz

MUSI 542**Topics in Music Education (1-3)**

Term III: July 31-August 21
In depth study of selected topics in music education. Co-requisite: MUSI 501B or MUSI 501C. Tuition: \$228 per semester hour. 1800-2000, W. EAUD-228. K. Grieshaber

MUSI 545**Seminar in Advanced Conducting (2)**

August 12-August 23
Directed study of selected scores for large and small ensembles, vocal and instrumental. Tuition: \$228 per semester hour. 0930-1215, MTWRF. EAUD-228. T. O'Neal

MUSI 590**Graduate Seminar (2)**

Term II: June 24-July 19
Tuition: \$228 per semester hour. 1300-1430, MTWR. EAUD-122. J. Kracht

MUSI 596**Research in Music (1-4)**

June 24-August 23
Independent study card required; see Music Department. Tuition: \$228 per semester hour. TBA. Staff

MUSI 599**Thesis (1-4)**

June 24-August 23
You may register at any time during the summer prior to August 1. Independent study card required; see Music Department. Tuition: \$228 per semester hour. TBA. Staff

NURSING**NURS 232****Pharmacology in Nursing(2)**

Term I: May 28-June 21

Focuses on pharmacology principles of the major drug classes using a systems approach. Emphasis on pharmacokinetics, mechanisms of action, undesirable effects, and nursing implications. Discussion of client teaching and nursing responsibilities regarding the administration of medication. Prerequisite: NURS 251, Commonalities in Nursing I. Tuition: \$203 per semester hour.

0900-1050, TWRF. RAMS-202. F. Kelly

NURS 462**Leadership in Nursing (2)**

Term NS: June 4-July 16

Analysis of professional roles and functions in health care delivery systems. Evaluation of the impact of organizational structures on professional nursing practice. Leadership and management styles, concepts of power and authority. Prerequisite: Senior standing in nursing. RN's only. Tuition: \$203 per semester hour.

TBA. Off-Campus. C. Kirkpatrick

NURS 473**Community as Client (3)**

Term NS: May 28-July 16

Nursing strategies for problem solving in community or public health environments. Focus on community assessment, health planning, application of the change process and health education for high-risk groups. Prerequisite: NURS 436, Community Health Nursing: Families; and senior standing in nursing. RN's only. Tuition: \$203 per semester hour.

TBA, MT. Off-Campus. Staff

NURS 511**School Nursing I (3)**

Term II: June 24-July 18

Application of the nursing process to problems common to the K-12 school age population and prevalent in the school environment. Nurses' roles in the development and implementation of school health programs. Content to include assessment of the school age child, growth and development, screening, the exceptional child, school administration, school law and role implementation. Tuition: \$228 per semester hour.

0800-1120, MTWR. RAMS-202. G.

Synground

NURS 512**School Nursing II (3)**

Term II: June 24-July 18

Leadership and management role development of the nurse in school health programs. Focus on development of strategies to assist students and teachers in preventing and/or identifying special problems as well as professional and community resources for support and treatment. Prerequisite: NURS 521, School Nursing Practicum. Tuition: \$228 per semester hour.

1300-1620, MTR. RAMS-202. G.

Synground

NURS 575**Nursing Leadership and Management (3)**

Term MBA: June 3-July 11

Analysis of principles and processes of management in an increasingly complex health care context. Functions of planning, organizing, staffing, directing and controlling and selected issues in health care -- communications, delegation, power, values, marketing and structure -- are examined with emphasis on leadership skill acquisition. Tuition: \$228 per semester hour.

Meets Tuesdays, June 3-July 11, 1700-2100 and Saturday, June 15 and June 29, 0900-1530. RAMS-202. C. Schultz

PHILOSOPHY**PHIL 101****Philosophical Issues (4)**

Term III: July 29-August 23

Introduces philosophy by surveying several of the most important topics in the history of philosophy. Questions addressed include: Is there a God? How do you know what you know? Are all human actions physically determined? What makes an action right or wrong? The primary goal of the class is not so much to provide answers to such questions as to teach and illustrate clear, critical and charitable thinking concerning them and all important questions. Fulfills General University Requirement in Philosophy. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-208. J.

Sennett

PHIL 125**Moral Philosophy (4)**

Term I: May 28-June 21

Reviews and assesses major ethical theories from Plato, Aristotle and St. Augustine to Kant and John Stuart Mill and critically applies these theories to a range of contemporary moral problems, including abortion, euthanasia, the environment and war. Fulfills the General University Requirement in Philosophy. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-216. G.

Myrbo

PHIL 225**Ethical Theory (2)**

Term I: May 28-June 20

Addresses questions about right and wrong by reviewing and assessing major ethical theories in the Western tradition, especially utilitarian and Kantian approaches to morality. "How shall I live?" -- and how do I decide this? Counts toward Philosophy general university requirement when paired with PHIL 226. Tuition: \$203 per semester hour.

1800-2115, TR. ADMN-200. K. Cooper

PHIL 226**Moral Problems (2)**

Term II June 24-July 18

An examination of controversial public and personal moral issues in light of ethical theories about what makes an act right. Issues include euthanasia, abortion, suicide, sexual morality, discrimination, the environment and war. Counts toward the General University requirement in Philosophy when paired with PHIL 225. Tuition: \$203 per semester hour.

1800-2115, TR. ADMN-208. G. Myrbo

PHIL 347**History & Philosophy of Forensic Science (4)**

June 24-August 22

The history of the forensic sciences by detailing advances in methods of identifying, preserving, analyzing and processing evidence of all sorts and of presenting that evidence in court. The course surveys some of the major developments in the forensic sciences including areas such as serology, chemistry, physics, pathology, ballistics, psychology and technology. As applied sciences whose methodology is driven by the need to produce results that withstand legal scrutiny, the forensic sciences have a unique philosophical stance. This stance is developed and alternative positions on the nature of evidence and rational proof, requirements for personal identity and the effect of legal practice on scientific method are clarified and

evaluated. Fulfills two credits of Philosophy GUR. Tuition: \$203 per semester hour. Film fee \$40. 1230-1530, MR. ADMN-210. J. Nordby

PHIL 350**Philosophy of Religion (4)**

May 28-July 25

Classical and contemporary views of traditional issues in religion, including the existence and nature of God, the problem of evil and the relationship between faith and reason. Fulfills the General University Requirement in Philosophy. Tuition: \$203 per semester hour.

1500-1700, MTR. ADMN-204A. K.

Cooper

PHYSICAL EDUCATION**PHED 100 01****Personalized Fitness Program (1)**

Term II: June 24-July 18

To stimulate student interest in functional, personally designed programs of physical activity; assessment of physical condition and skills; recommendation of specific programs for maintaining and improving physical health. Meets general university requirement for activity class. Required for graduation. Tuition: \$203 per semester hour.

1230-1345, MTWR. OGYM-Field House. Sc. Westering

PHED 100 02**Personalized Fitness Program (1)**

Term III: July 29-August 22

To stimulate student interest in functional, personally designed programs of physical activity; assessment of physical condition and skills; recommendation of specific programs for maintaining and improving physical health. Meets general university requirement for activity class. Required for graduation. Tuition: \$203 per semester hour.

1230-1345, MTWR. OGYM. G. Chase

PHED 151**Beginning Golf (1)**

Term I: May 28-June 20

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour. 0800-0915, MTWR. OGYM-Field House. L. Marshall

PHED 155**Beginning Bowling (1)**

Term II: June 24-July 18

Activity course for men and women. Fee: \$22 activity fee. Tuition: \$203 per semester hour. 0930-1045, MTWR. UCTR-Bowl Alley. Sc. Westering

PHED 162**Beginning Tennis (1)**

Term I: May 28-June 20

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour. 0700-0815, MTWR. MGYM-Gym. M. Benson

PHED 163**Beginning Badminton (1)**

Term II: June 25-July 18

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour. 1800-2030, TR. ECAM-Gym. S. Adachi

PHED 165**Racketball/Squash (1)**

Term III: July 29-August 22

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour. 1100-1215, MTWR. OGYM-Rball Ct. L. Marshall

PHED 177**Weight Training (1)**

Term II: June 24-July 18

Activity course for men and women. Tuition: \$203 per semester hour. 1530-1645, MTWR. Fit-Center. Sc. Westering

PHED 182**Low Impact Aerobics (1)**

Term I: May 28-June 20

Low impact aerobics for men and women. Tuition: \$203 per semester hour.

1230-1345, MTWR. Fit-Center. Su. Westering

PHED 183**Power Aerobics (1)**

Term II: June 24-July 18

Power aerobics for men and women. Tuition: \$203 per semester hour.

1700-1815, MTWR. MGYM-Gym. Su. Westering

PHED 191**Intermediate/Advanced Golf (1)**

Term III: July 29-August 22

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour.

0800-0915, MTWR. OGYM-Field House. L. Marshall

PHED 192**Intermediate Tennis (1)**

Term II: June 24-July 18

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour.

1700-1815, MTWR. MGYM-Gym. M. Benson

PHED 193**Intermediate Badminton (1)**

Term III: July 30-August 22

Activity course for men and women. Fee: \$5 activity fee. Tuition: \$203 per semester hour.

1800-2030, TR. ECAM-Gym. S. Adachi

PHED 207**Basic Sailing (1)**

Term III: July 29-August 19

Introductory course in sailing. Fee: \$150 Tuition: \$203 per semester hour.

1900-2130, M. Off-Campus. M. Rice

PHED 234**Relaxation Techniques (1)**

June 10-June 14

Intensive workshop to introduce series of relaxation exercise including stretching and movement activities. Breathing and Japanese shiatsu methods introduced. Tuition: \$203 per semester hour.

1400-1700, MTWRF. ECAM-Gym. M. Seal

PHED 288**Teaching Methods in Weight Training (1)**

Term II: June 24-June 28

Planning, teaching, spotting and safety in teaching weight training. Tuition: \$203 per semester hour.

1800-2100, MTWRF. Fit-Center. Sc. Westering

PHED 322**Physical Education in Elementary Schools (2)**

June 17-28

Organization and administration of a developmental program for grades K-6; sequential and progressive programming; large repertoire of activities. For undergraduates. Tuition: \$203 per semester hour.

1500-1800, MTWRF. ECAM-Gym. J. Poppen

PHED 399**Internship (4-8)**

TBA

Experiences closely assigned to your career and academic interests. You identify problems to be researched, experiences to be gained and pertinent reading. Approved firm/organization mutually agreed upon by you and program coordinator. Grade determined by monthly progress reports, evaluations by supervisor and other measures of achievement. Application forms for internship available from the School of Physical Education office. Tuition: \$203 per semester hour.

TBA. D. Olson

PHED 480**Exercise Physiology (4)**

Term I: May 28-June 21

Considers the scientific basis and physiological effect of physical activity on the human body. Lecture and discussion emphasis is directed toward practical application of principles and concepts of exercise physiology in school, clinic and corporate environments. Lab opportunities are provided to help students apply class material. Prerequisite: BIOL 205-206 Tuition: \$203 per semester hour.

0800-1030, MTWRF. OGYM-106. T. Evans

PHED 501A01**Teaching Methods for Aerobics (1)**

July 8-July 15

Seminar in techniques of interval and conventional style aerobics. Teaching methods, music and current workout ideas. Tuition: \$228 per semester hour. 1800-2100, MTWRF. Fit-Center. Su. Westering

PHED 501B02**Rhythms & Dance in Elementary & Middle School (1)**

Term WW: July 22-July 26

A participatory workshop featuring practical rhythmical activities for elementary and middle school students. Focus on creative rhythmic themes, folk dance progressions, novelty dances and use of music to motivate fitness.

Tuition: \$228 per semester hour.

1800-2100, MTWRF. ECAM-Gym. J. Poppen

PHED 501C03**Psychological Skills and Peak Performance (1)**

Term WW: July 22-July 26

The aim of this course is to enable athletes of all levels to enhance their performance through mental training. Among the techniques used are relaxation, mental rehearsal, stress management, positive thought control

and goal setting. It is a practical, "hands-on" course for performers at any age and any level of ability. Tuition: \$228 per semester hour. 1300-1600, MTWRF. OGYM-Conf Room. C. Hacker

PHED 501D04
Health and Fitness
Evaluation/Programming (2)

July 22-August 2
 Workshop designed to help participants understand and perform techniques used to assess health-related fitness. Applicable to any individual who is involved in health and fitness promotion in community, school, corporate or clinical settings. Tuition: \$228 per semester hour. 1800-2100, MTWRF. OGYM-105. G. Chase

PHED 501E05
Trends and Creative Ideas
for Elementary PE (1)

Term III: July 29-August 2
 New and practical activities in fitness development, movement education, games and rhythmical activities are emphasized. Activities are appropriate for K-6, both for classroom teachers and physical education specialists. Class management, organization and evaluation techniques are presented. For graduate students or those who have completed PHED 322, Elementary School Physical Education. Fee: \$8 materials fee. Tuition: \$228 per semester hour. 1800-2100, MTWRF. ECAM-Gym. J. Poppen

PHED 501F06
Adapted PE
in the Mainstream (1)

August 5-August 9
 This workshop is for physical educators who need to know how to attempt to meet individual needs and education in the least restrictive environment. Includes information regarding assessment, IEP planning, curriculum

choices, teaching techniques and behavior management. The workshop is taught using the developmental approach leading to a better understanding of sensory (motor system development, locomotor and manipulative skill development and cognitive/play/social skills development). Tuition: \$228 per semester hour. 1800-2100, MTWRF. OGYM-104. M. Kluge

PHED 501G07
Institute: Social Studies
Teachers Who Coach (1)

Term: WW: July 22-26
 This summer institute for Social Studies teachers who coach provides participants with up-to-date information regarding contemporary issues in history, sociology, economics, geography and political science. It also provides opportunities to consider topics in coaching that can influence coaching performance and philosophy. In addition, innovative teaching and coaching strategies to enhance professional development are presented. 0900-1600, MTWRF. RCTR-103. T. Evans

PHED 536
Health & Fitness
Management (2)

June 24-July 5
 Considers the biological, social and behavioral aspects of health and fitness management with particular reference to the influence of individual lifestyle choices. Considers the role of variables such as exercise, diet, nutrition, weight and stress management. Discusses strategies developed to enhance health and fitness in school, workplace and other community settings. Tuition: \$228 per semester hour. 0900-1200, MTWRF. OGYM-106. T. Evans

PHYSICS

PHYS 125
College Physics (4)

June 3-July 12
 An introduction to the fundamental topics of physics. It is a non calculus sequence, involving only the use of trigonometry and college algebra. Concurrent registration in PHYS 135 is required. Tuition: \$203 per semester hour. 0800-1045, MTWRF. RCTR-210. C. Taylor

PHYS 126
College Physics (4)

July 15-August 23
 Continuation of PHYS 125 above. Concurrent registration in PHYS 136 is required. Tuition: \$203 per semester hour. 0800-1045, MTWRF. RCTR-210. J. Upton

PHYS 135
College Physics
Laboratory (1)

June 4-July 11
 Basic laboratory experiments are performed in conjunction with the College Physics sequence. Concurrent registration in PHYS 125 is required. Tuition: \$203 per semester hour. 1300-1600, TR. RCTR-210. C. Taylor

PHYS 136
College Physics
Laboratory (1)

July 16-August 22
 Continuation of PHYS 135 above. Concurrent registration in PHYS 126 is required. Tuition: \$203 per semester hour. 1300-1600, TR. RCTR-210. J. Upton

POLITICAL SCIENCE

POLS 326

Recent Political Thought (4)

Term I: May 28-June 21

A critical examination of the major ideologies of the modern world: democracy, conservatism, capitalism, socialism, anarcho-syndicalism, communism, racial and political elitism, nationalism, liberalism, Christian political thought, and contemporary problems. Tuition: \$203 per semester hour.
0930-1215, MTWRF. XAVR-203. D. Farmer

POLS 338

American Foreign Policy (4)

Term III: July 29-August 23

The role of the United States in international affairs. An analysis of the major factors in the formulation and execution of United States foreign policy and its impact on other powers. Tuition: \$203 per semester hour.
1230-1515, MTWRF. XAVR-203. A. Kelleher

POLS 350

Religion and American Politics (4)

Term I: May 28-July 25

Examination of the role of religion in American politics from the Puritans to the present. Particular attention is paid to constitutional issues, such as the free exercise and establishment clauses; to contemporary issues, such as the influence of religious groups in political parties; and to international issues, such as religious groups and values in foreign policy making. Tuition: \$203 per semester hour.
1800-2100, TR. XAVR-203. D. Olufs

POLS 368

The American Presidency (4)

Term II: June 24-July 19

Study of the nation's highest political office in terms of the roles and expecta-

tions of the office, styles of leadership, Presidential decision-making, the powers and limitations and the interaction of personality and institution. Tuition: \$203 per semester hour.
0930-1215, MTWRF. XAVR-204. W. Spencer

POLS 502

Advanced Placement American Government (2)

Term WW: July 22-July 26

Advanced Placement American Government. An intensive course for high school faculty involved in AP American Government courses. Designed to aid both the new AP teacher and experienced AP teachers. Call 535-7142 for additional information. Tuition: \$228 per semester hour.
0900-1600, MTWRF. ADMN-214. G. Pedersen

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PSYCHOLOGY

PSYC 335

Development: Infancy to Maturity (4)

Term II: June 24-July 19

Physical, intellectual, social and emotional growth from infancy through adolescence to maturity. Prerequisite: PSYC 101, Introduction to Psychology. Tuition: \$203 per semester hour.
0930-1215, MTWRF. XAVR-203. R. Brown

PSYC 401

Asian American Experience (2)

Term WW: July 22-July 26

Lectures, tours and meals presented to familiarize students with the Asian community in the area. Historical, sociological and psychological material on the Asian experience; provides students with a perspective on one of the more ethnically diverse minority communities in the Northwest. Coverage includes Japanese, Chinese, Vietnamese and Filipino cultural groups. \$50 meal fee. to be paid to instructor on first day of class. Tuition: \$203 per semester hour.
0900-1600, MTWRF. XAVR-204. J. Moritsugu

PSYC 440

Psychology of Work (4)

Term I: May 28-June 21

Intended to help the student learn to respond more effectively in work situations due to increased understanding of the context of work setting. It also focuses upon aiding the student to make suitable career choices through a series of self-assessment exercises and other activities. Students are expected to apply psychological principles and practices in their daily work experiences. Topics include introducing the student to concepts of job performance and evaluation, recruiting and training of employees, job motivation and satisfaction, leadership and organiza-

tional communication, as well as career assessment. Tuition: \$203 per semester hour.

0930-1215, MTWRF. XAVR-114. C. Hansvick

PSYC 450 **Psychological Testing (4)**

May 28-July 26

Survey of standardized tests; methods of development; standardization; limitations and interpretations of tests. Prerequisite: PSYC 243, Scientific Methods; a course in statistics, or instructor's consent. Tuition: \$203 per semester hour.

1800-2100, MR. ADMN-204B. Staff

PSYC 460 **Learning: Research and Theory (4)**

Term III: July 29-August 23

Experimental studies and theories of learning. Lecture, discussion and demonstrations. Prerequisite: Minimum 12 hours in Psychology. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-209. J. Nolph

LITE **(LUTHERN INSTITUTE** **FOR THEOLOGICAL** **EDUCATION)**

Summer Institute of Theology (1)

"Bible Reading, Teaching the Faith and Human Liberation: Reviewing the Basics" is the theme of this week of theological study for students, lay church staff, clergy and families. Lecturers for the week: *Professor James Sanders*, School of Theology at Claremont, on "Reading the Bible on Its Own Terms;" *Professor Margaret Krych*, Lutheran School of Theology/Philadelphia, on "Human Development and Teaching in the Church;" and *Professor Walter Altmann*, from the Lutheran Seminary in Brazil, on "Can Liberation Theology Still be Liberating?" Sessions include lectures, optional afternoon interest groups and worship. Begins Monday at 8:30 am; concludes Thursday at 12:30 pm. For tuition and other fees, contact the LITE Office; Pacific Lutheran University; Tacoma, WA 98447; (206) 535-7342.

RELIGION

RELI 121 **The Christian Tradition (4)**

Term I: May 28-June 21

The study of selected theological questions and formulations examined in their social and historical contexts.

Tuition: \$203 per semester hour.

1230-1515, MTWRF. ADMN-216. N. Howell

RELI 131 **Religions of South Asia (4)**

May 29-July 24

Hinduism, Buddhism, Jainism and Sikism -- their origins and development, expansion and contemporary issues. Emphasis on primary sources in translation. Tuition: \$203 per semester hour.

1800-2100, MW. ADMN-208. P. Ingram

RELI 132 **Religions of the Far East (4)**

Term II: June 24-July 19

Confucianism, Taoism, Chinese and Japanese Buddhism, Shinto and the "new religions" of Japan--their origins, development and contemporary issues. Emphasis on primary sources in translation. Tuition: \$203 per semester hour.

1230-1515, MTWRF. ADMN-208. P.

Ingram

RELI 212 **Religion & Literature of the New Testament (4)**

June 24-August 22

Literary, historical and theological dimension of the New Testament, including perspectives on contemporary issues. Tuition: \$203 per semester hour.

1800-2100, MR. ADMN-216. D. Oakman

RELI 223**American Church History****(4)**

Term II: June 24-July 19

Introduction to the major religious themes in American History through the study of selected topics and periods, exploring the ways in which religion has shaped American culture, as well as the ways in which social change has influenced the religious experience of Americans. Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-200. M. Duntley

RELI 225**Faith and Spirituality****(4)**

Term I: May 28-June 21

A reflection on various Christian life styles and their expression and understanding of commitment and discipleship. Centers around the theological question, "What does it mean to be a follower of Jesus?" Tuition: \$203 per semester hour.

0930-1215, MTWRF. ADMN-204A. L. Gross

RELI 231**Myth, Ritual, Symbol****(4)**

Term III: July 29-August 23

An examination of the nature of myth and its expression through symbol and ritual. Attention given to pre-literate mythology, Asian mythology and Occidental mythology and the role these mythological traditions have played in the development of modern ethical, social and religious values.

Tuition: \$203 per semester hour.
0930-1215, MTWRF. ADMN-200. J. Pilch

RELI 332**The Life of Jesus****(4)**

Term III: July 29-August 23

A study of the life and teachings of Jesus; a historical survey of "Life of Jesus" research, form and redaction criticism of the Gospel tradition; the

religious dimensions of Jesus' life and thought. Tuition: \$203 per semester hour.

1400-1645, MTWRF. ADMN-216. D. Oakman/J. Pilch

SOCIAL WORK AND MARRIAGE & FAMILY THERAPY**MFTH 512****Professional Studies in MFT****(3)**

May 29-July 10

Professional ethics and Washington State laws which affect clinical practice are studied including family law, legal responsibilities, rules of confidentiality and inter-professional cooperation.

Further study explores licensure, certification and the role of professional organizations. *Also meets Friday, June 21, 8:30 am-4:30 pm. In addition, students are required to attend court for 13 hours. Tuition: \$356 per semester hour.

1800-2120, W*. ECAM-27. C. York/C. Storm

MFTH 519**Practicum I****(2)**

May 28-August 15

The four semesters of practica are part of a continuous process toward developing specific therapeutic competencies in work with marriage and families. The practica present a competency-based program in which each student is evaluated regarding: (1) case management skills; (2) relationship skills; (3) perceptual skills; (4) conceptual skills; and (5) structuring skills.

Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

MFTH 520**Theory I****(2)**

May 28-August 15

The three semesters of theory taken in conjunction with MFTH 519, 521 and 523 constitute an in-depth study of one approach of marriage and family therapy with an emphasis on applying theory in practice. Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

MFTH 521**Practicum II****(2)**

May 28-August 15

See description under MFTH519 above.

Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

MFTH 522**Theory II****(2)**

May 28-August 15

See description under MFTH520 above.

Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

MFTH 523**Practicum III****(2)**

May 28-August 15

See description under MFTH519 above.

Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

MFTH 524**Theory III****(2)**

May 28-August 15

See description under MFTH520 above.

Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

MFTH 525**Practicum IV****(4)**

May 28-August 15

See description under MFTH519 above.

Tuition: \$356 per semester hour.

TBA. C. York/C. Storm

SOCW 333

Interviewing (4)

July 22-August 9
A laboratory course that provides opportunity to learn basic interviewing skills and techniques through various experiential forms. Open to non-social work majors. Tuition: \$203 per semester hour.
0800-1200, MTWRF. ECAM-27. T. Johnstone

SOCW 475/476

Field Experience (4)

May 28-August 23
Supervised field work with an agency or institution. Application/integration of knowledge, theory and understanding. Development of skills common to social work. Prerequisite: Consent of instructor and tally card required. Tuition: \$203 per semester hour.
TBA. J. Keller

SOCIOLOGY

SOCI 330

The Family (4)

Term III: July 29-August 22
Analysis of the changing nature of the family as a system of social positions and roles. Examination of the family from a sociohistorical and cross-cultural perspective. Topics include love relationships, marriage, family positions and roles, family types, parenthood, socialization, retirement, divorce and remarriage and the relations of the family to the institutions of education and work. Tuition: \$203 per semester hour.
0900-1230, MTWR. XAVR-114. A. Biblarz

SOCI 340

Sociology and Violent Behavior (4)

Term II: June 24-July 19
An examination of violent behavior, within the context of cultural and group values, norms and power structures within American society and within other cultures. Tuition: \$203 per semester hour.
0900-1215, MTWRF. XAVR-114. C. Reasons

SOCI 401

Work in American Society (2)

Term WW: July 22-July 26
Examination of the changing nature of work in American society, incorporating both an historical analysis and an examination of contemporary changes in the economy. Legislation which impacts the workplace of the 1990s is also discussed. Tuition: \$203 per semester hour.
0800-1600, MTWRF. ADMN 206. B. Cochrane

SOCI 450

Group Dynamics (4)

May 28-July 18
Examination of concepts and principles of human behavior in groups. Topics considered include membership, leadership, authority, cohesiveness, goals, norms and processes. The application and use of theory in applied settings are explored. Tuition: \$203 per semester hour.
1800-2130, TR. XAVR-114. C. Reasons

SOCI 530

Group Dynamics (4)

May 28-July 18
Examination of concepts and principles of human behavior in groups. topics considered include membership, leadership, authority, cohesiveness, goals, norms and processes. The application and use of theory in applied settings are explored. Students are

expected to observe group behavior, analyze the processes occurring and write a critical interpretation that incorporate appropriate external sources. Tuition: \$356 per semester hour.
1800-2130, TR. XAVR-114. C. Reasons

SOCIAL SCIENCES

SSCI 505

Social Science Research Methods (4)

July 11-August 22
Basic research concepts applied to laboratory, field and bibliographic studies. Topics include formulating research questions, research designs, data gathering techniques, analysis of data and theory construction. Emphasis on understanding and evaluation rather than conducting research. Tuition: \$356 per semester hour.
1800-2200, TR. XAVR-204. J. Schiller

STATISTICS

STAT

231 Introductory Statistics (4)

Term I: May 28-June 21
Descriptive statistics: measures of central tendency and dispersion. Inferential statistics: generalizations about populations from samples by parametric and nonparametric techniques. Methods covered include estimation, hypothesis testing, simple correlation analysis, linear regression, chi square analysis and analysis of variance. Not applicable to mathematics credit. Prerequisite: Background equivalent to a pre-calculus course. Available for Statistics credit only; listed here for convenience of students. Tuition: \$203 per semester hour.
0800-1045, MTWRF. ADMN-206. R. Jensen

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 Term I: May 28-June 21
 Term II: June 24-July 19
 Term III: July 29-August 23

Advanced Placement Institution participants: Please call (206) 535-7143 for housing information.

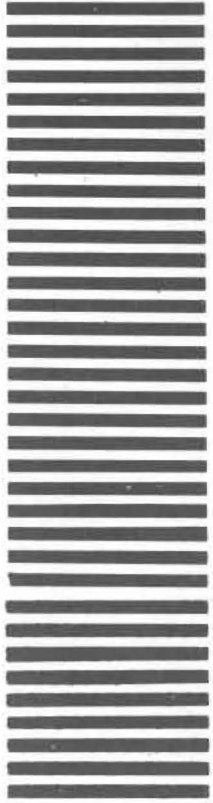
Do you smoke? _____ Would you prefer a single room if available? _____ (See page 2 for rates)

Please return this card and a \$25.00 non refundable housing deposit at least three weeks prior to your arrival on campus in order to reserve PLU housing. If you have questions regarding housing, please call (206) 535-7200. When we receive your housing request, we will respond by mailing you a confirmation letter.

 (Person to notify in case of emergency) (Phone) (Address)



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NECESSARY
IF MAILED
IN THE
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Pacific Lutheran University
Tacoma, WA 98444-9980



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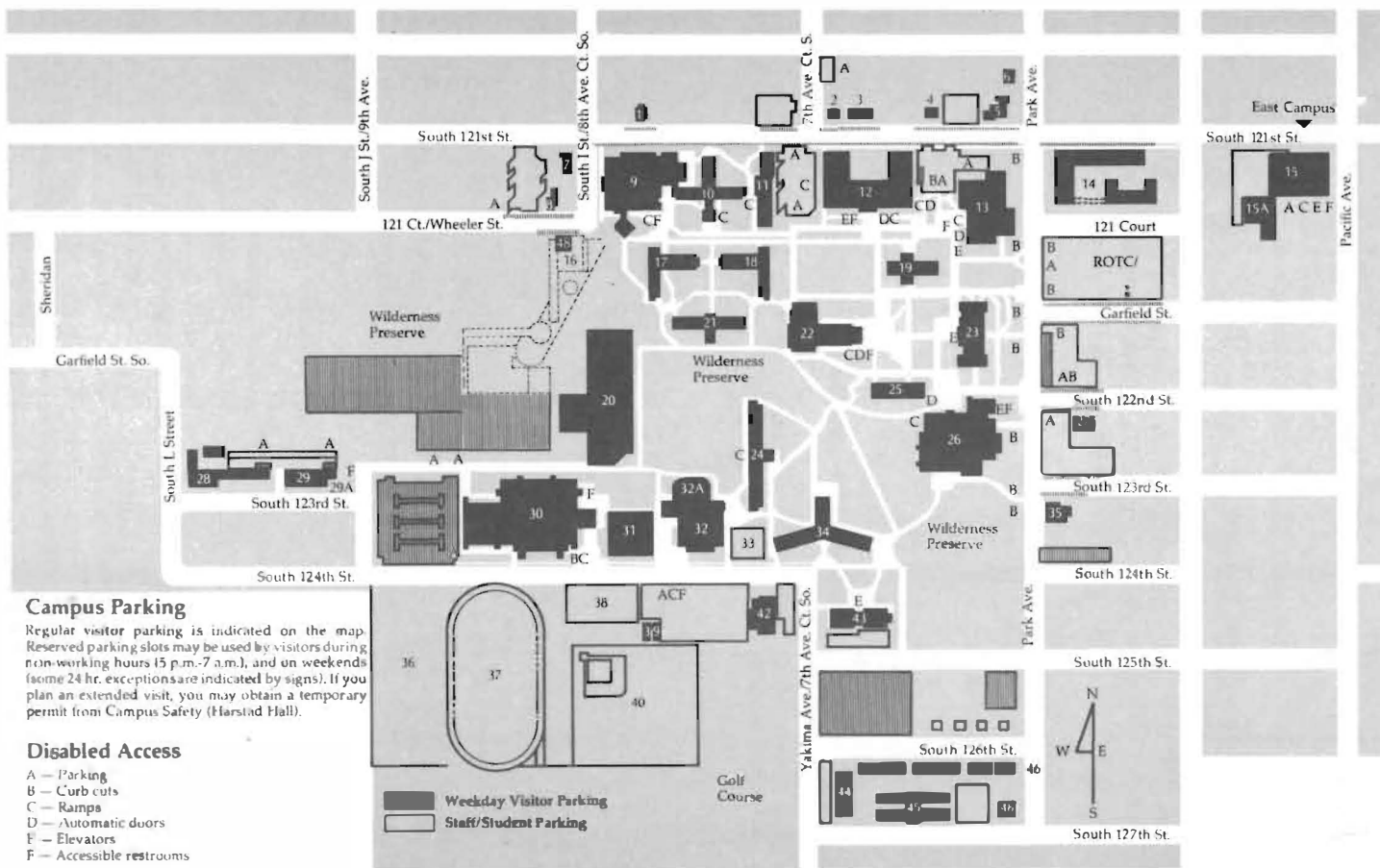


BUSINESS REPLY MAIL
FIRST CLASS PERMIT NO. 417 TACOMA, WASHINGTON

POSTAGE WILL BE PAID BY ADDRESSEE

Residential Life
Pacific Lutheran University
Tacoma, WA 98444-9980



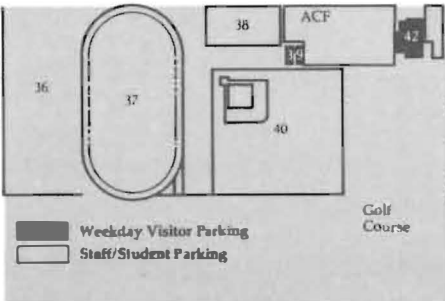


Campus Parking

Regular visitor parking is indicated on the map. Reserved parking slots may be used by visitors during non-working hours (5 p.m.-7 a.m.), and on weekends from 24 hr. exceptions are indicated by signs). If you plan an extended visit, you may obtain a temporary permit from Campus Safety (Harstad Hall).

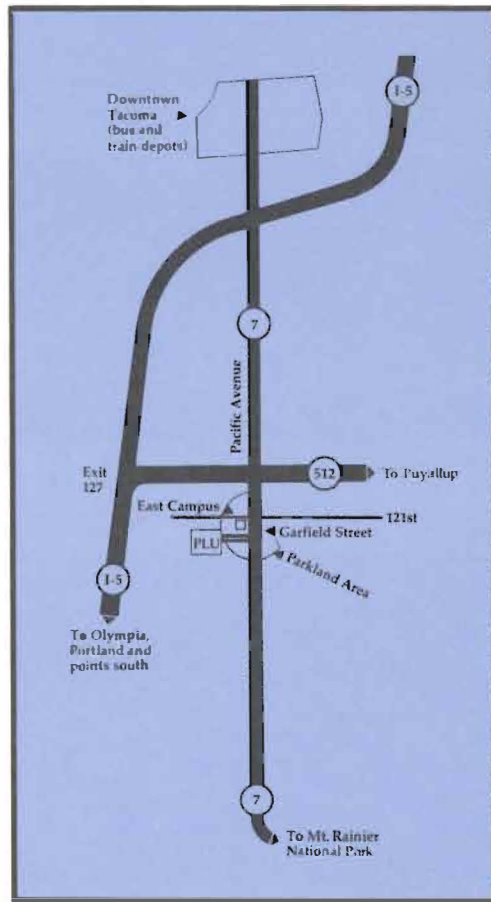
Disabled Access

- A - Parking
- B - Curb cuts
- C - Ramps
- D - Automatic doors
- E - Elevators
- F - Accessible restrooms



CAMPUS LOCATIONS

- Administration Building 12
- Alumni 35
- Baseball Field 40
- Blomquist House 2
- Campus Safety (in Harstad) 23
- Central Services 29
- Chris Knutzen Fellowship Hall (in University Center) 26
- Coffee Shops- (University Center) 26 (Columbia Center) 42
- Columbia Center 42
- Delta Hall 44
- Dunmire House 47
- East Campus 15
- Eastvold Auditorium 22
- Evergreen Court 45
- Faculty House 3
- Family Student Housing 46
- Fine Arts Building 9
- Food Service 26, 42
- Foss Hall 24
- General Services Building 29
- Golf Course
- Haavik House 7
- Harstad Hall 23
- Hauge Administration Bldg. 12
- Health Center 5
- Hinderlie Hall 21
- Hong Hall 18
- Ingram Hall 9
- Knorr House 4
- KPLU-FM 22
- Kreidler Hall 17
- Library 15
- Math Building 39
- Memorial Gymnasium 32
- Microcomputer Resource Center 15
- Mortvedt Library 15
- Music Annex 1
- Music (proposed) 16
- Names Fitness Center 32A
- Nesvig Alumni Center 35
- Olson Auditorium 30
- Ordal Hall 10
- Park Avenue House 6
- Pflueger Hall 34
- Physical Plant 28
- Post Office 27
- Public/Media Relations 35
- Ramsey House 8
- Ramstad Hall 25
- Restaurants 26, 42
- Rieke Science Center 20
- Security 23
- Soccer Field 36
- Special Education 15A
- Stuen Hall 11
- Swimming Pool 31
- Television 12
- Tennis Courts 33, 38
- Theatres 22, 52
- Tickets 26
- Tingelstad Hall (Alpine, Cascade, Evergreen, Ivy) 43
- Track 37
- Trinity Lutheran Church 14
- University Center 26
- Warehouse 29
- Xavier Hall 19



1991

SUMMER SESSIONS

Term I: May 28 - June 21
Term II: June 24 - July 19
Term III: July 29 - August 23



Dr. Richard Moe
Summer Sessions
PACIFIC
LUTHERAN
UNIVERSITY
Tacoma, Washington 98447