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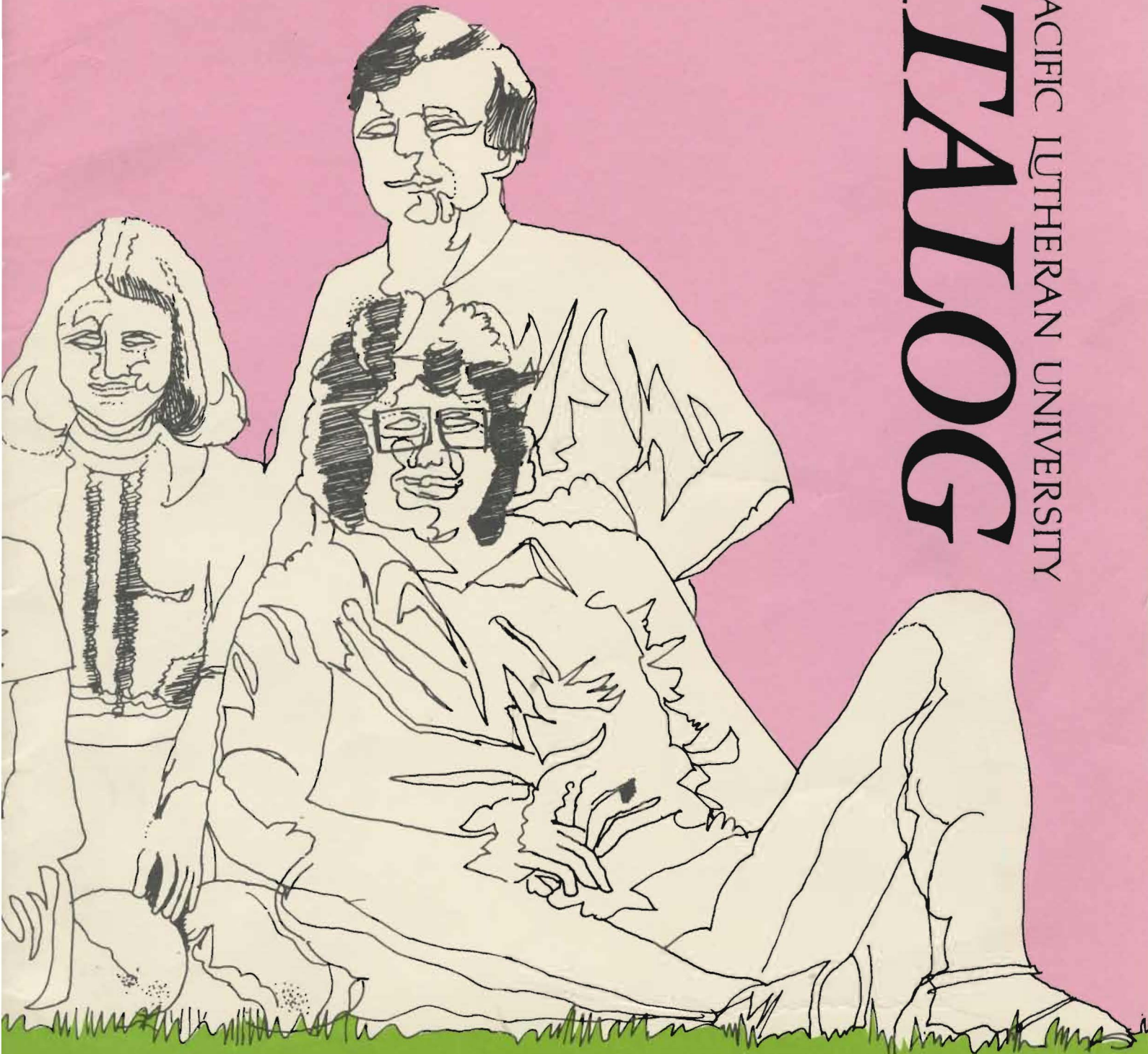
**1986 SUMMER SESSIONS**

Early Session: May 27 - June 20

Session One: June 23 - July 18

Mid-Session: July 21 - July 25

Session Two: July 28 - Aug. 22



**CATALOG**



PACIFIC LUTHERAN UNIVERSITY

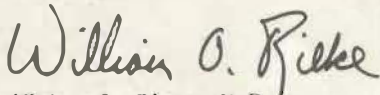
## A GREETING FROM THE PRESIDENT

It is a pleasure to welcome you to summer session 1986! Extensive planning and preparation of diverse and challenging academic programs with appropriate supporting services have prepared the way for your summer study to be both productive and enjoyable.

In each of several recent successive summer sessions, enrollments have surpassed those of the previous year. This growth is indicative both of the value and the gratification of undertaking academic work from June through August.

I wish success and pleasure for you during your stay on campus this summer. If there is any assistance I or any member of my staff may extend, your visit or request to my office will be welcomed at any time.

Cordially,



William O. Rieke, M.D.  
President



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## USING YOUR SUMMER SESSION CATALOG

This catalog is published yearly in March to assist prospective students in planning their summer study at Pacific Lutheran University. While every effort has been made to avoid mistakes, the catalog is nonetheless a tentative schedule. The University reserves the right to withdraw classes, change dates, times, and staff, or modify requirements as necessary.

Constance Bates  
Editor, 1986 Summer Session Catalog

## 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 preregistrations. The student shall also be denied admittance to classes and the use of University facilities. Under certain circumstances student pay-checks may be applied to unpaid balances.

Cover Design, Paul Porter  
Photography, Ken Dunmire

## COURSE NUMBERS

Courses numbered 101-299 are considered lower division subjects. Courses numbered 500 or above are graduate courses. Courses numbered in the 300's and 400's are 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.

Upper division students may be enrolled in a 500-level course, if at the time of registration they provide written permission from the chairperson or dean of the academic unit that offers the course. It is understood that any student given such permission will have met all assumed or specifically indicated prerequisites and will have an above average academic record.

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.

## SYMBOLS AND CODES

Classes will meet during the times and days indicated in the course description following the listing of the course. Note that classes extending from Session I through the end of Session II meet during Mid-Session as well (a total of 9 weeks). Classes scheduled to meet from 9:00 a.m. - 4:00 p.m. will break for lunch from noon to 1:00 p.m. Some classes scheduled to meet on July 4, a holiday, will need to hold a make-up class.

A System Code Number (SCN) follows each course title. Please indicate this number on each course registration.

- \* = an Experimental Course
- + = an Evening Course
- E Eastvold
- EC East Campus
- G Memorial Gvm
- HA Hauge Administration Building
- IN Ingram
- L Library
- M Math Building
- N Names Fitness Center
- O Olson
- R Ramstad
- S Rieke Science Center
- X Xavier
- M Monday
- T Tuesday
- W Wednesday
- R Thursday
- F Friday
- S Saturday
- Su Sunday



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\* Form inside back cover.

ANTHROPOLOGY DEPARTMENT

Phone: (206) 535-7294

\* ANTH 395 ARCHEOLOGY FIELD SCHOOL (4) SCN: 802395

Pre-Session: May 27 - June 20

The Mustering Ground site is reputed to have been the scene of troop encampments during the Indian Wars of the 1850s in Washington State, but is poorly represented in the documentary record. In subsequent years other activities were carried out there, mostly agricultural, but they also are not well documented. This class will carry out a two-phase project to establish the nature and extent of occupations at the site. First, broad testing will be conducted to delineate the spatial extent of the remains; second, based on results of the testing, wider exposures will be made to gain more detailed knowledge and establish stratigraphic relationships between occupations. Teaches basic excavation skills, including record keeping. The laboratory component of the course covers preliminary artifact processing and analysis. Lab fee: \$50.00 covers personal equipment and transportation to and from the site. 9:00 a.m. - 3:00 p.m., MTWRF. X-112. J. Ranson.

\* ANTH 396 ANTHROPOLOGY OF THE MASS MEDIA (2) SCN: 802396

Mid-Session: July 21 - 25

Why do programs such as Dallas and Dynasty, which portray the rich and the super-rich, have such a broad appeal for all sectors of American society? Is Rambo a "flash in the pan" fantasy, or does he represent a deeper commentary on the times? Does the Nightly Network News inform us, or persuade us? Why does the American woman have to have "that Jordache look"? Are kiddie cartoons funny or frightening, and why? This workshop focuses on these and other questions concerning the relationship between the mass media and the American cultural experience. Through films, guest lectures, class discussions, and readings, explore the impact of the mass media on our society and what it, in turn, tells us about ourselves. Film fee: \$10.00. 9:00 a.m. - 4:00 p.m., MTWRF. X-112. V. Marchetti.

\* ANTH 401/501 YUGOSLAVIA STUDY TOUR (4) SCN: 802401/802501

July 21 - August 6

Place modern Yugoslav life in historical and cultural perspective by exploring prehistoric, Roman, medieval, Venetian, Turkish, and Austrian remains. Visit the cities of Zagreb, Ljubljana, Belgrade, Split and Sarajevo as well as locations of historic interest in Trogir, Zadar, Dubrovnik, and the island of Hvar, and dispel the myth that socialist countries are invariably grim and grey police states. Those taking the course for credit read background material before the tour and produce a paper based on their observations; potential topics are Yugoslav proxemics and kinesics, parent/child interaction, market organization and operation, cultural interaction between tourist and native, or other subjects of interest to participants. Meets Wednesday evenings of July 2, 9, and 16, 6:30 - 9:30 p.m., in preparation for the tour. X-112. For tour details, contact Dr. Judith Ranson at (206) 535-7339.





**ART DEPARTMENT**  
Phone: (206) 535-7577

**ART 230/330 CERAMICS (4)**  
SCN: 804230/804330

Session I: June 23 - July 18

A fundamental course in ceramics, of interest to beginners, teachers, etc. Traditional methods of clay work including wheel throwing and hand building to produce both functional and sculptural ceramic objects. Glazing and firing techniques covered as well. No prerequisites; 230 must be taken before 330. Materials fee: \$30.00. 9:00 a.m. - 12:00 noon, MTWRF. IN-144. R. Mahaffey.

**ART 326 PHOTOGRAPHY (4)**  
SCN: 804326

Session II: July 28 - August 22

A basic course in photography with emphasis on development of visualizing skills, building a firm foundation in technical processing and printing knowledge. Both print and slide processing will be covered as well as photo field excursions. Students should have a camera. Lab fee: \$35.00. 9:00 a.m. - 12:00 noon, MTWRF. IN-134A. R. Haft.

**ART 335 FIBERS (4)**  
SCN: 804335

Early Session: May 27 - June 20

A thorough course in basic fiber art to include hand-made paper, felting and off-loom construction projects. Two and three-dimensional application of each technique will be covered. Students are encouraged to explore current issues both personal and global in completion of a final project. Overview and discussion of historical and contemporary applications of fiber techniques. No previous art experience required. Materials fee: \$35.00. 1:00 - 4:00 p.m., MTWRF. IN-128. M. Hanson-Spofford.

**ART 365 PAINTING: WATERCOLOR (4)**  
SCN: 804365

Session II: July 28 - August 22

Because of its free and spontaneous character, watercolor has long been favored by artists and illustrators alike. This studio course will deal with watercolor as a basic art medium. Studio will include all traditional watercolor materials and techniques. Painting excursions will be taken, as watercolor is a very portable medium. No prior art experience is necessary. Materials fee: \$30.00 for paper, board and tape. 9:00 a.m. - 12:00 noon, MTWRF. IN-126. L. Williams.

**ART 370 PRINTMAKING: SILK-SCREEN (4)**  
SCN: 804370

Session I: June 23 - July 18

A foundation course in silkscreen (stencil) printing. Practical information and experience in all the stencil methods, from simple paper stencil to the photo process. Printing on many surfaces, including paper and fabric. No prior art experience necessary. Fee: \$30.00 to cover inks and stencil materials. 8:00 - 11:00 a.m., MTWRF. IN-124. D. Cox.



**BIOLOGY DEPARTMENT**  
Phone: (206) 535-7561

**BIOL 103 MARINE BIOLOGY (4)**  
SCN: 806103

Session I: June 23 - July 18

An introduction to the diversity and biology of marine plants and animals. For non-majors. Laboratory and field trips including a three-day trip to the Olympic Peninsula (July 9-11), and the PLU Biology Field Station. No prerequisites. Satisfies General University requirements. 10:00 a.m. - 5:00 p.m., MTWRF. S-122. R. McGinnis.

**BIOL 112 HUMANISTIC BOTANY (4)**  
SCN: 806112

Session II: July 28 - August 22

An introduction to the basic principles of biology with an emphasis on plants and their impact on people. Topics included are: 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. 8:00 a.m. - 12:15 p.m., MTWRF. S-124. M. Crayton.

**BIOL 201 INTRODUCTION TO MICROBIOLOGY (4)**  
SCN: 806201

Session II: July 28 - August 22

The growth, control, physiology, isolation and identification of microorganisms, especially those which affect humans. Includes laboratory. Intended primarily for nursing or other non-science majors. Satisfies general university requirements. Prerequisites: Chem 103 or consent of instructor. 3:00 a.m. - 12:15 p.m., MTWRF. S-102. A. Alexander.



**BIOL 205 HUMAN ANATOMY & PHYSIOLOGY (4) SCN: 806205**

Session I: June 23 - July 17

Identical in content to the Fall Semester Bio 205 class. 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. Can be used to satisfy PLU biology major requirements, PLU general university science requirement, or a PLU College of Arts and Sciences language alternative requirement (option III). No prerequisite. For further information, contact Jerrold Lerum, Dept. of Biology, (206) 535-7586. 8:00 - 10:45 a.m., MTWR; lab, TWR, 12:30 - 3:15 p.m. S-116. J. Lerum, T. Carlson.

**BIOL 206 HUMAN ANATOMY & PHYSIOLOGY (4) SCN: 806206**

Session II: July 28 - August 21

Continuing class from BIOL 205, or can be taken independently if prerequisite is met. Identical in content to the Spring Semester Bio 206 class. 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: Successful completion of BIOL 205 or its equivalent. For further information, contact Jerrold Lerum, Dept. of Biology, (206) 535-7566. Successful completion of BIOL 205 or its equivalent. 8:00 a.m. - 12:15 p.m., MTWR; lab, TWR, 11:00 a.m. - 1:45 p.m. S-116. J. Lerum, T. Carlson.

**ESCI 351 NATURAL HISTORY OF THE PACIFIC NORTHWEST (6) SCN: 818351**

Session I: June 23 - July 18

For course description, see Earth Sciences, p. 9. 9:00 a.m. - 4:00 p.m., MTWRF. S-108. B. Ostenson, J. Scarce.

**ESCI 490 WORKSHOP IN NATURAL HISTORY OF THE PACIFIC NORTHWEST (2-4) SCN: 818490**

Session I: June 23 - July 18

For course description, see Earth Sciences, p. 9. 9:00 a.m. - 4:00 p.m., MTWRF. S-108. B. Ostenson, J. Scarce.

**\* BIOL 591 FIELD BIOLOGY WORKSHOP: INTRODUCTION TO FLOWERING PLANT IDENTIFICATION (2) SCN: 806591**

Pre Session: June 23 - 27

A practical introduction to the taxonomy and identification of flowering plants. Workshop held at the PLU Biology Field Station at Manchester State Park. Topics include: collection and mounting of plants for herbaria; structure, identification and aspects of the ecology of flowering plants. Projects involving preparation, identification, distribution, etc., can be done for Education students. Following introductory materials on campus Monday, (first day of class) at 9:00 a.m. in RS-124, transportation provided to the field station. Return transportation provided the last day of class (Friday). Bring sleeping bag, towels, toiletries, etc. Food charge, \$20.00. For further details, contact Dr. David Hansen, Dept. of Biology, (206) 535-7565.

**SPECIAL FEATURE**

The PLU Biology Field Station located at Manchester State Park, Kitsap County, Washington, encompasses 111 acres of land and approximately one-half mile of beach front. The terrestrial habitat is a diverse blend of old second growth northwest forest, including big leaf maple, alder, western red cedar, Douglas fir and more than 100 species of flowering plants, mosses and ferns. The diverse flora is complemented by a rich assemblage of northwest birds (over 100 species) and mammals. It is one of the few beach areas in the region where rocky-intertidal, mud bay and gravelly beach habitats may be found within a quarter-mile walk of one another.

To complement these terrestrial and intertidal studies, the department also maintains a boat equipped for off-shore analysis of water quality and plant and animal life. Study at the site is supported by an A-frame building fully equipped for natural history studies and providing for cooking, bathing and sleeping. Overall, the PLU Biology Field Station allows for an intense learning experience while still affording one the relaxing atmosphere provided by the meeting of northwest woods and sea. 8:00 a.m. - 5:00 p.m., MTWRF. S-124. D. Hansen.





**SCHOOL OF BUSINESS  
ADMINISTRATION  
PHONE: (206) 535-7244**

**BA 230 LAW AND SOCIETY  
(4) SCN: 808230**

Session I: June 23 - July 17

A study of the legal system in the United States and the regulation of relationships between individual citizens, groups, and governmental agencies and branches. Review of the rights and obligations of individual citizens and corporations, administrative law, and the procedures and practices of the courts in a modern society. Introduction to legal instruments for international transactions. Prerequisite: Sophomore standing. 9:00 a.m. - 12:00 noon, MTWR. HA-215. D. MacDonald.

**BA 281 FINANCIAL ACCOUNTING  
(4) SCN: 808281**

Session I: June 23 - July 17

An introduction to accounting concepts and principles. Preparation (manual and computer) and analysis of financial reports. Prerequisite: Sophomore standing. 9:00 a.m. - 12:00 noon, MTWR. HA-200. J. Ramaglia.

**BA 282 MANAGEMENT  
ACCOUNTING (4) SCN: 808282**

Session II: July 28 - August 21

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; international implications of performance evaluation systems. Prerequisite: BA 281; Sophomore standing. 1:00 - 4:00 p.m., MTWR. HA-200. Staff.

**BA 350 MANAGEMENT (4)  
SCN: 808350**

Session I: June 23 - July 17

A critical examination of the principles and processes of administration in an increasingly international context. Management techniques and the functions of planning, organizing, leading and directing, and controlling are discussed from the classical, the behavioral, and more recent integrative points of view. Included is the study of concepts and characteristics related specifically to

the operations function. Introduction to case analysis and problem solving techniques. Prerequisites: ECON 150, STAT 231 (may be concurrent), and BA 281; Junior standing. 9:00 a.m. - 12:00 noon, MTWR. HA-213. R. Nibler.

**+ BA 354 HUMAN RESOURCE  
MANAGEMENT (4) SCN: 808354**

Session II: July 28 - August 21

Detailed examination of the behavior of individuals and groups in business organizations, with emphasis on policies and practices for solving human resource problems. Fundamentals of personnel/human resource procedures in the U.S. and other countries. International aspects of human resource management will provide insight into the problems of managing foreign operations. Prerequisites: BA 350; Junior standing. 6:00 - 10:00 p.m., MR. HA-200. M. Wood.

**BA 364 MANAGERIAL FINANCE  
(4) SCN: 808364**

Session I: June 23 - July 17

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). Prerequisites: CSCI 220 (or equivalent), ECON 150, MATH 128 (or equivalent), STAT 231, and BA 281; Junior standing. 1:00 - 4:00 p.m., MTWR. HA-221. J. Wahlen.

**+ BA 370 MARKETING  
SYSTEMS (4) SCN: 808370**

Session II: July 28 - August 21

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 of distribution and physical distribution, and marketing communications. Prerequisites: ECON 150, MATH 128 (or equivalent), STAT 231, and BA 281; Junior standing. 6:00 - 10:00 p.m., MR. HA-213. S. Thrasher.

**BA 455 BUSINESS POLICY (4)  
SCN: 808455**

Session II: July 28 - August 21

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. Prerequisites: BA 282, 350, 364, 470; senior standing. 9:00 a.m. - 12:00 noon, MTWR. HA-208. R. Nibler.

**+ BA 501 FUNDAMENTALS OF  
ACCOUNTING & FINANCE (4)  
SCN: 808501**

June 2 - July 10

Fundamental assumptions, principles and procedures underlying accounting; transaction analysis and the fundamental accounting model; matching of expenses with revenue; measurement and reporting of income statement and balance sheet accounts; consolidated statements; and using and interpreting financial statements. Theoretical framework for financial decisions; decision theory relative to working capital management, short and intermediate-term financing, capital investments and valuation, capital structure and dividend policy and long-term financing. Tuition: \$198 per semester hour. 6:00 - 10:00 p.m., MR. HA-217. J. Wahlen.

**+ BA 520 PROGRAMMING FOR  
MANAGERS (4) SCN: 808520**

June 2 - July 10

Computer programming including branching, looping, subscripts, input/output, character manipulation, subroutines, file manipulations, data storage and retrieval. Advanced work with software packages. Prerequisites: BA 503. Tuition: \$198.00 per semester hour. 6:00 - 10:00 p.m., MR. G-101. Staff.



+ **BA 535 LEGAL ASPECTS OF MANAGEMENT PROCESS (4)**  
SCN: 808535

June 2 - July 10

Survey of federal and state laws, rules, and regulations that directly impinge on the manager's decision-making in the modern business enterprise. Includes legal implications for the individual manager and his/her corporation that follow from business decisions in areas such as employee relations, consumer protection, security and exchange regulations, rights of corporate shareholders and creditors, antitrust laws, and environmental protection. **Tuition: \$198.00 per semester hour. 6:00 - 10:00 p.m., MR. HA-211. Donohue.**

+ **BA 550 ORGANIZATIONAL BEHAVIOR & ENVIRONMENT (4)**  
SCN: 808550

July 14 - August 21

Study of open sociotechnical systems within which a manager must operate. Encompasses three major perspectives: The external organization environment, including legal, ethical, social, economic and political influences; the organization itself as an entity; and the internal organization environment. Prerequisite: BA 350 or 502. **Tuition: \$198.00 per semester hour. 6:00 - 10:00 p.m., MR. HA-211. C. Schultz.**

+ **BA 555 BUSINESS STRATEGY & POLICY (4)**  
SCN: 808555

June 2 - July 10

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. Prerequisites: BA 551, 564, and 570, any one of which may be taken concurrently with 555. **Tuition: \$198 per semester hour. 6:00 - 10:00 p.m., MR. HA-202. S. Barndt.**

+ **BA 582 ACCOUNTING INFORMATION & CONTROL (4)**  
SCN: 808582

July 14 - August 21

Applications of accounting information, services and systems to management problems. Prerequisites: BA 501 and 503. **Tuition: \$198.00 per semester hour. 6:00 - 10:00 p.m., MR. HA-206. Staff.**



**CHEMISTRY DEPARTMENT**  
Phone: (206) 535-7530

**CHEM 104 ENVIRONMENTAL CHEMISTRY (4)** SCN: 810104

Session I: June 23 - July 17

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 103 or Chem 115 for those lacking high school chemistry. Meets general university core requirements. 8:00 - 10:45 a.m., MTWR; lab, 12:30 - 3:15, TR. S-224. W. Giddings.

**CHEM 105 CHEMISTRY OF LIFE (4)** SCN: 810105

Session II: July 28 - August 21

General, organic, and biochemistry pertinent to chemical processes in the human organism; suitable for nursing students, liberal arts students, and prospective teachers. Students who have not completed high school chemistry are encouraged to take 104 before taking 105. 9:30 a.m. - 12:15 p.m., MTWR; lab, 1:00 - 3:30 p.m., TR. S-220. C. Anderson.

**CHEM 321 ANALYTICAL CHEMISTRY (4)** SCN: 810321

Session II: July 28 - August 21

Chemical methods of quantitative analysis, including volumetric, gravimetric, and selected instrumental methods. Prerequisites: CHEM 116 and MATH 133. CHEM 116, MATH 133. 8:00 - 10:45 p.m., MTWR; lab, 12:30 - 3:15 p.m., MTWR. S-224. L. Huestis.



**COMMUNICATION ARTS  
DEPARTMENT**

Phone: (206) 535-7762

**COMA 123 FUNDAMENTALS OF  
ORAL COMMUNICATION (4)**  
SCN: 812123

Session I: June 23 - July 18

Foundations course that introduces the student to a variety of communication contexts. Emphasizes three areas: communication concepts, interpersonal communication, and public speaking. 9:30 a.m. - 12:15 p.m., MTWRF. IN-109. G. Wilson.

**COMA 233 COMMUNICATION  
THEORY (4)** SCN: 812233

Session I: June 23 - July 18

An introduction to the theoretical concepts and research tools of interpersonal and mass communication research. Prerequisite: COMA 123 or consent of instructor. 12:30 - 3:15 p.m., MTWRF. IN-109. M. Bartanen.

**COMA 359 ACTING FOR THE  
NON-ACTOR (4)** SCN: 812359

Session I: June 23 - July 18

Study of the actor's craft and implementation of theory for those without prior theatrical experience. Emphasis placed on individual awareness and interest; you are not compared against another student in terms of innate talent. Will meet university Fine Arts requirements; may not be taken by theatre majors/minors; no prerequisite. 9:30 a.m. - 12:15 p.m., MTWRF. G-202. W. Becvar.

**COMPUTER SCIENCE DEPARTMENT**

Phone: (206) 535-7400

**CSCI 110 BASIC (2)**  
SCN: 814110

Session I: June 23 - July 18

Introduction to interactive computing, branching, looping, subscripts, functions, input/output, subroutines and simple file techniques in the context of the BASIC language. CSCI 110 and 220 may not both be taken for credit. Prerequisite: High school Algebra. 9:30 - 10:45 a.m., MTWRF. G-102. A. Cook.

**CSCI 110 BASIC (2)**  
SCN: 814111

Session II: July 28 - August 22

For course description, see CSCI 110 above. 12:30 - 1:45 p.m., MTWRF. G-102. J. Brink.

**CSCI 144 INTRODUCTION TO  
COMPUTER SCIENCE (4)**  
SCN: 814144

June 2 - July 11

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 133, 128 or equivalent. 11:00 a.m. - 12:45 p.m., MTWRF. G-102. E. Harter.

**CSCI 210 COMPUTER  
INFORMATION SYSTEMS  
(2)** SCN: 814210

Session II: July 28 - August 22

Computer systems and their uses in education, commerce, industry and government. BASIC file manipulations, data storage and retrieval. Computerized word processing, business problems in statistics, linear programming, regression and other fields using existing software packages. CSCI 210 and 220 cannot both be taken for credit. Prerequisite: CSCI 110; pre/corequisite: MATH 128 or STAT 231. 2:00 - 3:15 p.m., MTWRF. G-102. J. Brink.

**CSCI 270 DATA STRUCTURES  
(4)** SCN: 814270

July 14 - August 22

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 will be made. Prerequisite: CSCI 144. 9:00 - 10:45 a.m., MTWRF. G-101. J. Ruble.

**CSCI 380 ASSEMBLY LANGUAGE  
AND COMPUTER ORGANIZATION  
(4)** SCN: 814380

June 16 - July 25

Computer assembly language applied to various problems. Topics include data forms, instruction formats, addressing, linking, macro definition, and computer architecture. Prerequisites: College Algebra (such as MATH 133), CSCI 270, and consent of instructor. 9:00 - 10:45 a.m., MTWRF. G-103. R. Spillman.

**CSCI 490/590 SEMINAR:  
AUTOMATA (4)** SCN: 814490/814590

June 16 - July 25

Study of the theory of computation, Turing machines, formal languages, recursive theory, complexity, NP-completeness, and the halting problem may be considered. Prerequisites: CSCI 375, MATH 335. 11:00 a.m. - 12:45 p.m., MTWRF. M-111. B. Dorner.

\* **CSCI 501 PASCAL AND THE  
ADVANCED PLACEMENT  
EXAM I (4)** SCN: 814501

July 14 - August 22

An introduction to computer science and the Advanced Placement computer science exam for secondary schools and teachers. Topics include: history of computing, introduction to computer organization, algorithm design, top-down methodology, structured programming techniques, and the Computer Science Advanced Placement exam, course development, and teaching strategies. Pascal programming language will be taught. Introduction to LOGO and Carol the Robot also included. Prerequisite: College Algebra and consent of instructor. 10:30 a.m. - 12:15 p.m., MTWRF. G-205. J. Beaulieu.



## EARTH SCIENCES DEPARTMENT

Phone: (206) 535-7377

### ESCI 131 PHYSICAL GEOLOGY (4) SCN: 818131

Session I: June 23 - July 18

An introductory course dealing with the geologic habitat, both at present and as it has developed through time; materials of earth's crust, their derivation through major earth processes and formation of surface features -- with emphasis on their significance to cultural development and civilization; laboratory study of rocks, minerals, topographic, and geologic maps. Field trips are arranged. 8:00 - 10:45 a.m., MTWRF. S-113. S. Benham.

### ESCI 351 NATURAL HISTORY OF THE PACIFIC NORTHWEST (6) SCN: 818351

Session I: June 23 - July 18

Environmental study from the Pacific to the Columbia Basin; field trips, laboratory studies, lectures. Course study includes ecological principles, habitats, plant and animal life, geology and man's interaction with the environment. Especially for science teachers at elementary and junior high levels. Field based; camping and day trips. Scholarships may be available to Washington teachers. Prerequisite: at least one science course. For more information, contact Dr. B. Ostenson, (206) 535-7563. \$25 travel fee. 9:00 a.m. - 4:00 p.m., MTWRF. S-108. B. Ostenson, J. Scarce.

### ESCI 425 GEOLOGICAL FIELD MAPPING (5) SCN: 818425

July 21 - August 22

Learn mapping techniques, basic surveying methods, construction of geologic cross sections, aerial photograph analysis. Field studies include Puget Sound/Olympic Peninsula, 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. Nonrefundable registration fee of \$25 is fully applicable toward tuition; food, travel, and lodging costs for five weeks are \$475. For itinerary and further details, write: Pacific Lutheran University, Dept. of Earth Sciences, Tacoma WA 98447. 8:00 a.m. - 5:00 p.m., MTWRF. S-108. B. Lowes, S. Benham.

### ESCI 490 WORKSHOP IN NATURAL HISTORY OF THE PACIFIC NORTHWEST (2-4) SCN: 818490

Session I: June 23 - July 18

Natural history workshop for those who have taken ESCI 351 or equivalent. Development of your individualized plan for special phases/-more extensive detail involving field collections, classroom applications, or other extension of ESCI 351. Credits granted individually according to time and effort involved. Scholarships may be available to Washington teachers. Independent study card required; see department. Prerequisites: ESCI 351 and permission of instructor. TBA. S-108. B. Ostenson, J. Scarce.



## ECONOMICS DEPARTMENT

Phone: (206) 535-7594

### ECON 150 PRINCIPLES OF ECONOMICS (4) SCN: 820150

Early Session: May 27-June 20

Introduction to the scope of economics, including Macro and Micro Economics; analysis of U.S. economic system; emphasis on current economic policy. 8:00 - 10:45 a.m., MTWRF. HA-200. D. Wentworth.

### STAT 231 INTRODUCTORY STATISTICS (4) SCN: 888231

Early Session: May 27-June 20

See STAT 231 on page 28 for course description. 8:00 - 10:45 a.m., MTWRF. HA-202. R. Jensen.

### ECON 331 INTERNATIONAL ECONOMICS (4) SCN: 820331

Early Session: May 27-June 20

Regional and international specialization, comparative costs, international payments and exchange rates; national policies which promote or restrict trade. Prerequisite: ECON 150. 8:00 - 10:45 a.m., MTWRF. HA-211. D. Vinje.

### ECON 361 MONEY AND BANKING (4) SCN: 820361

Session II: July 28 - August 22

Nature and role of money; commercial banking system; Federal Reserve System; theory of credit and money supply control; Keynesian and Monetarist theories of monetary impacts on inflation, interest rates and national income. Prerequisite: ECON 150. 8:00 - 10:45 a.m., MTWRF. HA-211. E. Ankrim.

### + ECON 500 APPLIED STATISTICAL ANALYSIS (4) SCN: 820500

June 2 - July 10

Intensive introduction to statistical methods for graduate students who have not previously taken Introductory Statistics. Emphasis on application of inferential statistics to concrete situations. Topics include measures of location and variation, probability, estimation, hypothesis tests, and regression. Will not count for Statistics Minor. Tuition: \$198.00 per semester hour. 6:00 - 10:00 p.m., MR. HA-206. R. Jensen.

### + ECON 504 ECONOMIC ANALYSIS AND POLICY DECISIONS (4) SCN: 820504

June 2 - July 10

Basic economic concepts applied to policy formation and operating decisions. Tuition: \$198.00 per semester hour. 6:00 - 10:00 p.m., MR. HA-214. D. Vinje.



**SCHOOL OF EDUCATION**

Phone: (206) 535-7272

**EDUC 325 READING IN THE  
ELEMENTARY SCHOOL (4)**

SCN: 824325

Session I: June 23 - July 18

Teaching reading in elementary grades, including modern approaches, materials. Prerequisite: EDUC 322/323/324 or teaching experience. 11:00 a.m. - 1:45 p.m., MTWRF. EC-14. A. Lawrence.

**EDUC 408 LANGUAGE ARTS IN  
THE ELEMENTARY SCHOOL (2)**

SCN: 824408

Session II: July 18 - August 22

The functional teaching of communication skills, grades K-6; areas include oral and written expression, listening, reading, literature, dramatization, spelling, grammar, handwriting, children's language study, vocabulary development and lexicography. Prerequisite: EDUC 322/323/324 or teaching experience. 8:00 - 9:15 a.m., MTWRF. HA-215. J. Hays.

**EDUC 410 SCIENCE IN THE  
ELEMENTARY SCHOOL (2)**

SCN: 824410

Session I: June 23 - July 18

Through the use of hands-on activities, inquiry and questioning skills, this class utilizes the environment to teach children science. The focus is on local plants and animals, microclimates and weather, and environmental issues. Prerequisite: EDUC 322/323/324 or teaching experience. 9:30 - 10:45 a.m., MTWRF. S-102. M. Churney.

**EDUC 412 SOCIAL STUDIES IN  
THE ELEMENTARY SCHOOL (2)**

SCN: 824412

Session I: June 23 - July 18

Objectives, materials and methods of teaching the social studies; recommended to student teachers and experienced teachers. Prerequisite: EDUC 322/323/324 or teaching experience. 8:00 - 9:15, MTWRF. HA-216. D. Sydnor.

**EDUC 420 PROBLEMS OF  
READING IN THE SECONDARY  
SCHOOL (2)**

SCN: 824420

Session II: July 18 - August 22

Teaching secondary reading in content areas; attention to developmental reading problems; materials, methods, techniques and procedures. Prerequisite: EDUC 251. 9:30 - 10:45 a.m., MTWRF. HA-215. J. Hays.

**EDUC 451 ADMINISTRATION OF  
THE SCHOOL LIBRARY (2)**

SCN: 824451

Session I: June 23 - July 18

Library organization and administration in elementary and secondary schools. 11:00 a.m. - 12:15 p.m., MTWRF. L-106. C. Lemmer.

**EDUC 452 BASIC REFERENCE  
MATERIALS (2)**

SCN: 824452

Session II: July 18 - August 22

Materials and procedures which support reference services in elementary and secondary school libraries. Special investigation of reference services in Puget Sound and computer data bases. 11:00 a.m. - 12:15 p.m., MTWRF. L-106. C. Yetter.

**EDUC 453 PROCESSING SCHOOL  
LIBRARY MATERIAL (2)**

SCN: 824453

Session I: June 23 - July 18

Classification, cataloging, and technical processing of materials. 9:30 - 10:45 a.m., MTWRF. L-106. S. Robinson.

**EDUC 454 SELECTION OF  
LEARNING RESOURCE  
MATERIAL (2)**

SCN: 824454

Session II: July 18 - August 22

Criteria, professional literature and techniques of evaluation of library materials (print and non-print); the librarian's responsibility to faculty, students, and the general public. 12:30 - 1:45, MTWRF. L-106. C. Yetter.

**EDUC 456 STORYTELLING (3)**

SCN: 824456

Session I: June 23 - July 18

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. 12:30 - 3:15, MTWRF. HA-206. C. Wellner.

**EDUC 467 EVALUATION (2)**

SCN: 824467

Session II: July 18 - August 22

Evaluation of school experiences; problems in development, organization and administration of tests (standardized and teacher-made). Prerequisites: EDUC 425. 8:00 - 9:15 a.m., MTWRF. HA-204A. W. Hunt.

**EDUC 473 PARENT-TEACHER  
RELATIONSHIPS (2)**

SCN: 824473

Session I: June 23 - July 11

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. 1:30 - 3:30 p.m., MTWRF. HA-208. M. Hanson.

**EDUC 483 PRIMARY READING  
(2)**

SCN: 824483

Session II: July 28 - August 8

Material and methods of the primary reading program and its relation to other activities. Prerequisite: teaching experience. 9:30 a.m. - 12:15 p.m., MTWRF. HA-213. A. Mallon.



(Education, cont'd)

+ **EDUC 501A CIVIL LIBERTIES WORKSHOP (3-4)**  
SCN: 824500/824501

May 27 - June 19

Workshop on civil liberties and their role in the public schools; an overview of civil rights and liberties in the U.S. with emphasis on their constitutional status; and an examination of civil rights and liberties in the public schools setting, both elementary and secondary levels, with a particular focus on the rights of teachers and students. Meets the school law requirement for the initial certificate for teachers, principals and program administrators. To receive 4 hours credit, you must complete a related project approved by your instructor. 6:30 - 9:45 p.m., \*TWR (May 27,28,29) and WR (June 2,4,5,9,11,12,16,18,19). HA-117. C. DeBower, D. Atkinson.

**EDUC 501B MAJOR CONCEPTS IN SOCIAL SCIENCE (4)**  
SCN: 824002

Session I: June 23 - July 18

For course description, see SOC 501 on page 27. 9:00 a.m.- 12:00 noon, MTWRF. EC-34. A. Biblarz.

**EDUC 501C TEACHING WRITING IN THE SCIENCES (4)**  
SCN: 824003

Session I: June 24 - July 17

For course description, see ENGL 328D/597D on page 17. 9:30 a.m.- 12:15 p.m., TR. HA-216. J. Cady.

**501D TEACHING WRITING IN THE HUMANITIES (4)**  
SCN: 824004

Session I: June 24 - July 17

For course description, see ENGL 328C/597C on page 17. 9:30 a.m. - 12:15 p.m., TR. HA-214. R. Jenseth.

**EDUC 501E IMPROVING TEACHING & LEARNING THROUGH WHOLE BRAIN STRATEGIES (2)**  
SCN: 824005

June 23 - July 11

Introduction to "whole brain" teaching strategies such as mind mapping, creative writing via clustering, guided imagery, psycho-physical exercises, relaxation, centering, and use of music.

Students assess their learning styles and investigate topics related to whole brain functioning to discuss with the class. Plans and strategies for use in classroom are developed by each participant. 9:30 - 11:30 a.m., MTWRF. HA-202. M. Hanson.

**EDUC 501F MARINE BIOLOGY FOR THE CLASSROOM TEACHER (2)**  
SCN: 824006

Session I: June 23 - July 18

Emphasis on ecology. Students examine a variety of local marine environments by looking at the interaction of marine organisms with their physical environment. Numerous field trips, including one overnight trip, provide the basis of materials constructed for use in the K-12 classroom. Marine biology is related to other areas in the classroom. No previous science background necessary. 11:00 a.m. - 12:15 p.m., MTWRF. S-102. M. Churney.

**EDUC 501G CLASSROOM PHOTOGRAPHY & MEDIA (2)**  
SCN: 824007

Session I: June 23 - July 18

Students will utilize a variety of techniques and equipment to produce audio-visual materials for the classroom. Computer graphics, video tapes, slide-tape presentations, and the use of black and white photography and darkroom techniques will be emphasized. Students will construct a pinhole camera, a portable darkroom, and learn how to incorporate low-cost photography into the classroom. K-12. Supply fee: \$15.00. 12:30 - 1:45 p.m., MTWRF. L-Media Ctr. M. Churney.

**EDUC 501H CLASSROOM MANAGEMENT FOR ELEMENTARY TEACHERS (2)**  
SCN: 824008

June 23 - July 3

Workshop for preservice and inservice teachers interested in developing strategies for creating a classroom climate conducive to learning and social development. Topics for discussion include recent research on school effectiveness, teacher expectations, teacher modeling, and classroom management systems which minimize inappropriate behaviors and discipline problems. 12:30 - 3:15 p.m., MTWRF. HA-211. D. Sydnor.

**EDUC 501J TEACHING PHILOSOPHY TO CHILDREN: BASIC WORKSHOP (2-3)**  
SCN: 824009

July 7 - 18

For course description, see EDUC 501A on page 21. 9:00 a.m.- 4:00 p.m., MTWRF. IN-122. D. Cannon, E. Lyell.

**EDUC 501K MATHEMATICS UNIT MANAGEMENT SYSTEM: MUMS WORKSHOP (2)**  
SCN: 824010

July 7 - 17

A unique mathematics instructional system in which youngsters are diagnostically tested and grouped on the basis of achievement in a topic, i.e., addition, subtraction, multiplication or division of whole numbers, fractions and decimals; study topics in time-blocks using teacher-written lessons including concept development, practice-related games, puzzles and drills. Identifying and meeting individual needs in the basic operations in a group setting. Study materials developed by instructor and others for use in Clover Park Elementary Schools. May be completed as a substitute for EDUC 326. Pass/fail only. 2:00 - 5:00 p.m., MTWR. HA-117. C. DeBower.

**EDUC 501L PASCAL AND THE AP EXAM I (4)**  
SCN: 824011

July 14 - August 22

For secondary teachers. See CSCI 501, page 8, for course description. College Algebra and consent of instructor. 10:30 a.m. - 12:15 p.m., MTWRF. G-205. J. Beaulieu.



(cont'd on next page)



**EDUC 501M CLASSROOM  
CLIMATE & DISCIPLINE: A  
REALITY THERAPY APPROACH  
(2) SCN: 824012**

July 14 - 18

A workshop introducing participants to William Glasser's "Reality Therapy" theory, emphasizing his approach to discipline problems and classroom discussion groups for building success and positive class climate. Films, audio tapes, activities and lectures present theory and examples. Students use the "Reality Therapy" approach to work on a problem; lead Glasser model discussion groups; and prepare topics and plans for implementation in their classrooms. Prerequisite: Prior to workshop, read Glasser's Schools Without Failure and either Identity Society or Control Theory. 9:00 a.m. - 4:00 p.m., MTWRF. HA-219. M. Hanson.

**EDUC 501N TEACHING  
PHILOSOPHY TO CHILDREN:  
ETHICAL INQUIRY (1-2)  
SCN: 824013**

Mid-Session: July 21 - 25

For course description, see PHIL 501B on page 21. 9:00 a.m. - 4:00 p.m., MTWRF. IN-122. D. Cannon, E. Lyell.

**EDUC 501P MICROCOMPUTER  
WORKSHOP/LOGO (2)  
SCN: 824014**

Mid-Session: July 21 - 25

An introduction to a computer language created especially for children and available for all major microcomputers. LOGO introduces students to computer programming and the world of mathematics through the creation of colorful graphics. Students learn geometry concepts as well as structured programming and problemsolving skills. LOGO is appropriate for students in grades K-8. Participants learn Apple LOGO and how to present any type of LOGO to students in their classroom. Prerequisite: Prior knowledge of microcomputer applications and operation. Prior knowledge of microcomputer applications and operation. 8:30 a.m. - 4:00 p.m., MTWRF. L-Computer User Room. R. Turnbull.

**EDUC 501Q TEACHING  
PHILOSOPHY TO CHILDREN:  
SUPPLEMENTARY WORKSHOPS  
(1-2) SCN: 824015/824024**

Mid-Session: July 21 - 25

For course description, see for PHIL 501C on page 21. 9:00 a.m. - 4:00 p.m., MTWRF. IN-122. D. Cannon, E. Lyell.

**EDUC 501R ITIP:  
INSTRUCTIONAL THEORY  
INTO PRACTICE - ADVANCED  
(2) SCN: 824016**

Mid-Session: July 21 - 25

Expand knowledge and understanding of the essential elements of instruction, and apply the elements of instruction in teaching situations. Application: analyze instructional episodes and participate in peer teaching practica throughout the week. Participants learn a peer coaching strategy for implementing newly learned skills in classroom settings. 8:30 a.m. - 4:00 p.m., MTWRF. HA-204A. L. Stevahn.

**EDUC 501S MULTICULTURAL  
EDUCATION WORKSHOP (2)  
SCN: 824017**

Mid-Session: July 21 - 25

Examines several different approaches to multicultural education from national and global perspectives. Students are expected to present substantive material in both contexts as well as to participate in an awareness section. Materials to support various classroom units will be provided; will focus on the practical application of multicultural education methods and materials. Requires significant student participation. 8:30 a.m. - 4:00 p.m., MTWRF. HA-117. D. Sydnor, J. Bermingham.

**EDUC 501T TEACHING ENGLISH  
AS A FOREIGN LANGUAGE/TEFL  
(2) SCN: 824018**

Session II: July 18-August 22

Surveys the major language teaching methodologies in current use with opportunities for in-class practice. A brief review of language acquisition and applied linguistics research. 2:00 - 3:15 p.m., MTWRF. EC-13. L. Quist.

**EDUC 501U SUBSTITUTE  
TEACHER (2) SCN: 824019**

July 28 - August 8

A workshop to provide substitute teachers with ideas and materials that will be useful in short-term substitute positions. You prepare activity kits and work with activities and expectations applicable to a particular grade level. 9:00 a.m. - 12:15 p.m., MTWRF. HA-221. B. Eliason.

**EDUC 501V ITIP:  
INSTRUCTIONAL THEORY INTO  
PRACTICE - AN INTRODUCTION  
(2) SCN: 824020**

July 28 - August 7

The elements of teaching theory as expressed in actual practice. Develop your own ITIP procedures for use in your own classrooms. 3:30 - 6:45 p.m., MTWR. HA-208. B. Jones.

**EDUC 501W MATHEMATICS  
THEIR WAY (2) SCN: 824021**

July 28 - August 8

Activities for teaching pre-school through second grade students, designed to develop understanding and insight into the patterns of mathematics through the use of concrete materials. Piaget observations translated into teaching strategies using lessons from Mathematics Their Way. 8:00 - 11:15, MTWRF. HA-117. J. Fulkerson.

**EDUC 501X MIDDLE SCHOOL  
CORE TEACHING (2) SCN: 824022**

Session II: July 28 - August 22

A process-oriented and pragmatic study in how to develop responsive, innovative programs for the middle school. Learn about exciting and workable models and curriculum, teaching techniques, physical environment and guidance, which can be promptly translated into a realistic program in any middle school. 8:00 - 9:15 a.m., MTWRF. HA-213. J. Stuart.



**EDUC 501Y CALCULATORS & COMPUTERS IN THE ELEMENTARY MATHEMATICS CLASSROOM (1) SCN: 824001**

August 18 - 21

How and when the hand calculator and microcomputer may be used in the elementary mathematics classroom; how to evaluate available software. Bring your hand calculator to the workshop; hands-on computer activity available. No computer science skills required. 6:30 - 10:00 p.m., MTWRF. L-CUR and HA-117. C. DeBower.

**EDUC 501Z ORIENTING THE CLASSROOM TEACHER TO THE WORLD OF THE MICRO-COMPUTER (2) SCN: 824023**

August 18 - 22

A beginning computer literacy class for primarily elementary and middle school teachers and principals. Topics focus on the many classroom applications of microcomputers and their capabilities and limitations. Includes selecting appropriate high-quality computer programs for classroom use and setting up a computer education program for your class or school. No prior computer knowledge or experience necessary. 9:00 a.m. - 4:00 p.m., MTWRF. L-CUR. S. Boren.

**EDUC 515 SEMINAR: CONTINUING LEVEL TEACHERS (2) SCN: 824515**

June 14, and August 18 - 22

The preparation and sharing of selected topics related to the minimum generic standards needs of the individual participants. Required for the continuing level certification of teachers. **Saturday, June 14, meets 9:00 a.m. - 12:00 noon and 1:00-3:00 p.m.** August 18 - 22, 1:00 - 4:45 p.m., MTWRF. HA-117. C. DeBower.

**EDUC 516 TEACHER SUPERVISION (1) SCN: 824516**

Mid-Session: July 21 - 25

Identification and development of supervisory skills for teachers who work with other adults in the classroom. 1:00 - 4:00 p.m., MTWRF. EC-16. M. Baughman.

**EDUC 544A RESEARCH & PROGRAM EVALUATION (2) SCN: 824543**

Session I: June 23 - July 18

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 results of research or evaluation to propose program changes. Graduate students only; may be taken in lieu of EDUC 467. 8:00 - 9:15 a.m., MTWRF. EC-16. F. Olson.

**EDUC 544B RESEARCH & PROGRAM EVALUATION (2) SCN: 824544**

Session I: June 23 - July 18

For description, see EDUC 544A above. 9:30 - 10:45 a.m., MTWRF. EC-16. F. Olson.

**EDUC 545A METHODS & TECHNIQUES OF RESEARCH (2) SCN: 824545**

Session I: June 23 - July 18

Seminar in 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. 9:30 - 10:45 a.m., MTWRF. HA-117. Staff.

**EDUC 545B METHODS & TECHNIQUES OF RESEARCH (2) SCN: 824546**

Session I: June 23 - July 18

For course description, see EDUC 545A above. 1:00 - 2:30 p.m., MTWRF. HA-214. Staff.

**EDUC 545C METHODS & TECHNIQUES OF RESEARCH (2) SCN: 824547**

Session II: July 18 - August 22

For course description, see EDUC 545A above. 9:30 - 10:45, MTWRF. HA-204B. W. Hunt.

**EDUC 550 SCHOOL FINANCE (2) SCN: 824550**

Session II: July 28 - August 20

Local, state and federal contributors to school finance; its philosophy and development; the development and administration of a school budget. 3:00 - 6:10 p.m., MW. HA-221. F. Warner.

**+ EDUC 552 EDUCATIONAL ADMINISTRATION (3) SCN: 824552**

Session I: June 23 - July 17

Administration and supervision of school personnel, facilities, and programs; with emphasis on the human relationships in that setting. Prerequisite: Teaching experience or consent of the dean. 6:30 - 9:45 p.m., MTR. HA-117. C. DeBower.

**EDUC 554 SEMINAR IN EDUCATIONAL ADMINISTRATION (2) SCN: 824554**

June 14, and August 18 - 22

The preparation and sharing of selected presentations related to needs of individual participants. Required for continuing certification of principals and program administrators. Class on **Saturday, June 14, 9:00 a.m. - 12:00 noon and 1:00-3:00 p.m.** August 18 - 22, 1:00 - 4:45 p.m., MTWRF. HA-117. C. DeBower.

**EDUC 555 ADMINISTRATION & SUPERVISION WORKSHOP (2) SCN: 824555**

Session II: July 18-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. 9:30 - 10:45 a.m., MTWRF. EC-13. M. Baughman.

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(Education, cont'd)

**EDUC 587 HISTORY OF  
EDUCATION (2) SCN: 824587**

Session II: July 18 - August 22

Great educators, educational theories, and educational systems from antiquity to the present. 8:00 - 9:15 a.m., MTWRF. HA-215. J. Vosper.

**EDUC 589 PHILOSOPHY OF  
EDUCATION (3) SCN: 824589**

Session I: June 23 - July 18

Philosophical and theoretical foundations of education. 11:00 a.m. - 1:00 p.m., MTWRF. EC-16. M. Baughman.

**EDUC 597 INDEPENDENT STUDY  
(1-4) SCN: To Be Assigned**

June 23 - August 22

Directed study, reading and research on selected topics approved and supervised by instructor. Prerequisite: Instructor's signature on independent study card prior to registration. TBA. Staff.

**EDUC 598 STUDIES IN  
EDUCATION (2)  
SCN: To Be Assigned**

June 23 - August 22

A research paper or project of an educational issue selected jointly by you and your graduate adviser; will be reviewed by your Graduate Committee. Independent study card required. TBA. Staff.

**EDUC 599 THESIS (3-4)  
SCN: To Be Assigned**

June 23 - August 22

For Master of Arts candidates who elect to write a thesis. The thesis problem will be chosen from the candidate's major field of concentration and must be approved by the candidate's Graduate Committee. Candidates expected to defend their thesis in a final oral examination conducted by their committee. TBA. Staff.

**EDUCATIONAL PSYCHOLOGY**  
Phone: (206) 535-7279

**EPSY 501A CRISIS  
INTERVENTION (2) SCN: 826501**

June 23 - July 3

A workshop designed to assist the helping professional to identify the characteristics of a crisis, develop ability to communicate effectively with those in 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. 1:00 - 4:30 p.m., MTWRF. HA-217. J. Fletcher.

+ **EPSY 501B ALCOHOL & DRUG  
ABUSE (2) SCN: 826502**

July 7 - 18

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. 6:45 - 10:00 p.m., MTWRF. HA-204A. J. Phillips.

**EPSY 501C VIOLENCE IN THE  
FAMILY (2) SCN: 826500**

July 7 - 18

Designed to increase awareness of the scope of abuse. Workshop participants learn to identify the symptoms of psychosocial and physical abuse, become aware of possible treatment, and learn to give support to the abused and the abuser. 1:00 - 4:00 p.m., MTWRF. HA-216. H. Hafer.

**EPSY 536 AFFECTIVE CLASS-  
ROOM TECHNIQUES (2)  
SCN: 826536**

June 23 - July 3

Explores techniques designed to facilitate understanding of self and others; methods for working with students. Lab experience to be completed in the Fall semester. Prerequisite: Student teaching or graduate status. 1:00 - 4:30 p.m., MTWRF. HA-215. M. Mathers.

**EPSY 575 MENTAL HEALTH (4)  
SCN: 826575**

June 23 - July 11

Basic mental health principles as related to interpersonal relationships. Focus on self-understanding. Laboratory experiences as arranged. 8:30 a.m. - 12:30 p.m., MTWRF. HA-219. J. Fletcher.

**SPECIAL EDUCATION**  
Phone: (206) 535-8707

**SPED 190 EXCEPTIONAL  
CHILDREN & ADULTS (3)  
SCN: 825190**

June 23 - July 11

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. 9:30 a.m. - 12:15 p.m., MTWRF. EC-15. K. Gerlach, H. Owens.

**SPED 396 BASIC ASSESSMENT  
OF LEARNING PROBLEMS (2)  
SCN: 825396**

July 7 - 18

An overview of the diagnosis of learning problems as it relates to teaching. Emphasis on ecological and informal tests to determine where the child is functioning. 1:00 - 4:30 p.m., MTWRF. EC-16. G. Williams.



**SPED 397 FORMAL ASSESSMENT OF LEARNING PROBLEMS (2)**  
SCN: 825397

Mid-Session: July 21 - 25

Study of a wide range of formal screening and diagnostic measures. Emphasis on the selection and use of appropriate tests for making education decisions. 9:00 a.m. - 4:00 p.m., MTWRF. EC-13. B. Bryant.

**SPED 399 PRACTICUM IN SPECIAL EDUCATION (1-2)**  
SCN: 825399/825400

May 19 - August 22

Experience with special education children or adults in a supervised setting. 1 semester hour credit given after successful completion of 35 clock hours. Prerequisite: SPED 190 or permission of instructor; tally card required. TBA. K. Gerlach, H. Owens.

**SPED 403 PARENT/PROFESSIONAL PARTNERSHIP IN SPECIAL EDUCATION (2)**  
SCN: 825403

August 11 - 22

Presentation of the techniques for working effectively with parents of handicapped children. Discussion of the placement committee process and of the rights of parents. 9:30 a.m. - 12:15 p.m., MTWRF. EC-14. K. Gerlach.

**SPED 405 CURRICULUM FOR EXCEPTIONAL STUDENTS IN THE ELEMENTARY SCHOOL (3)**  
SCN: 825405

June 23 - July 11

Curriculum content and planning, including academic subjects, life adjustments, and career counseling for mild to moderately handicapped adolescents and adults. Includes writing individualized educational plans (IEPs) and behavioral objectives. 9:30 a.m. - 12:15 p.m., MTWRF. EC-13. L. Reisberg.

+ **SPED 475A EFFECTIVE UTILIZATION OF PARA-PROFESSIONALS & COMMUNITY RESOURCES (1)**  
SCN: 825474

May 28 and June 4

Emphasis on management of teacher aids and parent and student volunteers in the special education classroom. 4:30 - 8:30 p.m., W. EC-13. K. Gerlach.

+ **SPED 475B EFFECTIVE UTILIZATION OF PARA-PROFESSIONALS & COMMUNITY RESOURCES (1)**  
SCN: 825475

August 11 and 18

See course description for SPED 475B. 4:30 - 8:30 p.m., W. EC-14. K. Gerlach.

**SPED 490 EARLY CHILDHOOD LEARNING EXPERIENCE FOR THE HANDICAPPED CHILD (2)**  
SCN: 825490

July 7 - 18

Diagnostic and remedial techniques used in early childhood education with handicapped children. Review of normal and atypical child development and their implications for the learning process. 1:00 - 4:30 p.m., MTWRF. EC-13. H. Owens.

**SPED 491 PROGRAMMING EARLY CHILDHOOD EDUCATION FOR THE HANDICAPPED (2)**  
SCN: 825491

Mid-Session: July 21 - 25

In-depth study in the administration of early childhood programs with emphasis on remediation techniques and interdisciplinary approaches. Prerequisite: SPED 490. 9:00 a.m. - 4:00 p.m., MTWRF. EC-14. H. Owens.

**SPED 494 COMPUTER APPLICATION FOR THE HANDICAPPED (2)**  
SCN: 825494

June 23 - July 3

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. 1:00 - 4:30, MTWRF. L-CUR. L. Polsgrove.

**SPED 520 TEACHING HANDICAPPED CHILDREN IN THE REGULAR CLASSROOM (2)**  
SCN: 825520

Mid-Session: July 21 - 25

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. 9:00 a.m. - 4:00 p.m., MTWRF. EC-15. C. Blankenship.

(cont'd on next page)





**SPED 530 DIAGNOSTIC PROCEDURES (2)**

SCN: 825530

July 28 - August 8

Discussion of the use of diagnostic information in making educational decisions. Formal and informal tests, ecological information and interviews, are emphasized as the basis for recommending instructional procedures. Prerequisite: SPED 397. 1:00 - 4:30 p.m., MTWRF. EC-16. B. Bryant.

**SPED 533 SEMINAR IN DEVELOPMENTAL DISABILITIES (2)**

SCN: 825533

July 28 - August 8

Current issues and problems related to the education of children and adults with developmental disabilities. 9:30 a.m. - 12:15 p.m., MTWRF. EC-14. J. Patton.

**SPED 535 SEMINAR IN LEARNING DISABILITIES (2)**

SCN: 825535

May 27 - June 19

Current issues and problems related to the education of children and adults with learning disabilities. 4:30 - 7:45 p.m., TR. EC-15. L. Reisberg.

**\* SPED 536 SEMINAR IN EARLY CHILDHOOD (2)**

SCN: 825536

May 27 - June 18

Current issues and problems related to the early childhood education of handicapped children. 4:30 - 7:45 p.m., MW. EC-15. H. Owens.

**SPED 537 SPECIAL EDUCATION: INTERNSHIP (4)**

SCN: 925538

Teaching in special education classrooms under the direction and supervision of classroom and university teachers. Prerequisite: Teaching credential and consent of instructor. TBA.

**SPED 570 APPLIED BEHAVIOR ANALYSIS FOR TEACHERS (2)**

SCN: 825570

August 11 - 22

A survey of the principles and techniques of applied behavior analysis. Includes behavior modification self-control techniques, cognitive behavior modification, and research design. 1:00 - 4:30 p.m., MTWRF. EC-14. S. Williams.

**SPED 588 ADMINISTRATION OF SPECIAL EDUCATION PROGRAMS (3)**

SCN: 825588

Session I: June 23 - July 17

Investigation of existing special education administrative units, pupil placement procedures, student staffings, program reimbursement procedures, and federal funding models. 4:00 - 8:30 p.m., TR. EC-15. J. Pearson.

**SPED 599 THESIS (2)**

SCN: 825599

June 23 - August 22

The thesis problem will be 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 thesis in a final oral examination conducted by their committee. Tally card required. TBA. L. Reisberg.

The following courses are offered through the Washington Education Association. For information regarding dates and costs of the summer 1986 W.E.A. Workshops, contact W.E.A. at (206) 952-5216.

**THE COMPUTER AS A CLASSROOM TOOL**

Developed by Washington State educators and designed to bring K-12 education into the world created by the "microchip." Hands-on experience with microcomputers. Modules of instruction include knowledge of computers, controlling the computer, using computers in teaching, and other educational issues.

**MULTICULTURAL WORKSHOP**

Designed to assist K-12 educators in increasing knowledge, skills, appropriate attitudes and behaviors as they relate to multicultural education; in becoming more effective in meeting the needs of a diverse student population; and in encouraging students to appreciate and understand the differences and similarities of the U.S. and world cultures.

**PROJECT L.E.A.S.T.**

A complete approach to discipline. Helps the teacher become more effective in the classroom and with those surrounding the teacher -- parents, administrators, and fellow teachers.



**ENGLISH DEPARTMENT**  
Phone: (206) 535-7210

**ENGL 217/597 SHORT STORY**  
(1-4) SCN: To Be Assigned

Session I: June 23 - July 18

Traces the development of the short story from its beginnings to the contemporary period, focusing on techniques and themes of classic writers. Provides an important base for the study of the novel. Each one-week unit may be taken separately: 217A, Theory and Development (June 23-27); 217B, American Short Stories (June 30-July 4); 217C, Continental Short Stories (July 7-11); 217D, British Short Stories (July 14-18). Students opting for upper division credit (597) supplement their reading and write a critical paper; independent study card required: see department. 9:30 a.m. - 12:15 p.m., MTWRF. HA-214. R. Klopsch.

**ENGL 231/597 MASTERPIECES OF EUROPEAN LITERATURE (4)**  
SCN: 830231/830431

Session I: June 23 - July 18

A reading of the imaginative masterpieces of the classical world. Works to be covered include the epics of Homer and Virgil, the tragedies of Aeschylus, Sophocles, and Euripides, the poetry of Catullus and Ovid. Students opting for upper division credit supplement their reading and write an extended critical paper. Prerequisite: ENG 101. 9:30 a.m. - 12:15 p.m., M WRF. R-206. S. Jansen Jaech.

**ENGL 327A/597A IMAGINATIVE WRITING WORKSHOP: FICTION**  
(0 OR 2) SCN: 830001/830002

Session I: June 26 - July 31

Designed for fiction writers and those who want to write fiction. The class concentrates on ways of telling a story, as well as on methods of scene, narrative, dialogue and character development. Some attention is paid to publishing what one writes. The class is not a traditional workshop. It is designed to serve as a context for writers who need reinforcement and stimulation from other writers. The instructor will work with the entire class, but will also work in conference with each class member. Jack Cady is the author of Singleton, The Jonah Watch, and other novels. He was the winner of the Iowa Prize for Short Fiction in 1972. Fee for no credit: \$120. 6:30 - 9:30 p.m., R. HA-216. J. Cady.

**ENGL 327B/597B IMAGINATIVE WRITING WORKSHOP: POETRY**  
(0 OR 2) SCN: 830003/830004

June 24 - July 3

A course for working poets and those interested in the work of poetry. The class examines poetry from a writer's perspective -- from the inside out -- by looking into different approaches to writing the poem, several techniques for re-writing, and a range of poetics and general principles. Our activities include various in-class exercises and verbal calisthenics, some discussion of 20th century ideas about poetry, individual writing and re-vising, and detailed discussions of student manuscript . . . with some attention paid to the possibilities of eventual publication. The instructor will work with the entire class, but will also be available for individual conference. R. P. Jones is the author of Waiting for Spring and The Rest is Silence. He was the winner of the William Stafford Award in 1979. Fee for no credit: \$120. 12:30 - 4:30 p.m., TWR. HA-204B. R. Jones.

**ENGL 328C/597C ADVANCED COMPOSITION: TEACHING WRITING IN THE HUMANITIES (4)**  
SCN: 083005/830006

Session I: June 26 - July 31

This is a course both in the teaching of writing in the humanities and a course in using writing to teach in the humanities. The central question of the course is: what part can writing most usefully play in the teaching of art, history or social science, literature, values, and languages? The focus of the course is, therefore, on important theoretical issues -- the 'process of writing,' the relations between language and learning -- and on practical pedagogical concerns. Class activities include designing writing assignments, exploring varieties of writing activities (journals, in-class writing, etc.), and responding to student writing. Other topics include the integration of writing, reading and observing into assignment sequences; the use of peer response, workshops, and discussion groups; the use of writing to teach reading; the evaluation of student writing; approaches to teaching grammar and punctuation. 9:30 a.m. - 12:15 p.m., TR. HA-214. R. Jenseth.

**+ ENGL 328D/597D ADVANCED COMPOSITION: TEACHING WRITING IN THE SCIENCES (0 OR 4)**  
SCN: 830007/830008

Session I: June 24 - July 31

Contemporary training of students in science necessitates training in writing. The science student needs to communicate proficiently with teachers, peers, future colleagues; and eventually with grantors and funding agencies as well as the literate public. This course will examine conceptual approaches and give classroom exercises for honing the science student's writing skill. Topics include: observation, pre-writing, audience analysis, organization, exposition and persuasion, and prose style, with particular emphasis on the science student's writing needs. Class activities include: design of two original exercises for the classroom, in-class writing, review of a book selected from the reading list, and readings in the following texts: The Lives of a Cell, The Immense Journey, The Microbe Hunters. Fee for no credit: \$240. 9:30 a.m. - 12:15 p.m., TR. HA-216. J. Cady.

**ENGL 383 SHAKESPEARE (4)**  
SCN: 830383

Session II: July 28 - August 22

A study of the works of Shakespeare in the context of the Renaissance and of sixteenth-century London. Coordinated with the offerings of the Oregon Shakespeare Festival. A surcharge of approximately \$200 covers theatre tickets, lodging, and roundtrip transportation. 9:30 a.m. - 12:15 p.m., M WRF. R-206. S. Jansen Jaech.



**HISTORY DEPARTMENT**  
Phone: (206) 535-7595

**HIST 335 LATIN AMERICAN HISTORY: CENTRAL AMERICA & THE CARIBBEAN (4)**  
SCN: 832335

Early Session: May 27 - June 19

Survey of the major aspects of Central American and Caribbean history from colonial to modern times. Use of selected case studies to illustrate the region's history. Study in Inter-American relations. 9:30 a.m. - 12:15 p.m., MTWR. X-204A. J. Birmingham.

\* **HIST 360 HISTORY OF THE HOLOCAUST (4)**  
SCN: 832360

Session 1: June 23 - July 18

Anti-semitism; national socialism; the Final Solution; the experience and response of the victims; and the reaction of the outside world. 8:00 - 10:45 a.m., MTWRF. X-204. C. Browning.

**HIST 399 INTERNSHIP (1-6)**  
SCN: To Be Assigned

June 1 - August 15

Off-campus study in connection with work or special field research; projects usually processed through Cooperative Education. Prerequisites: For further information, call (206) 535-7648. Arrangements made with instructor prior to June 1; have completed one course in history and one year in college; tally card signed by instructor must accompany registration. TBA. A. Martinson.

**HIST 401 WORKSHOP: FILM & THIRD WORLD HISTORY (2)**  
SCN: 832401

Pre-Session: June 16 - 20

Analyzes the general trends in Third World history since World War II. Film is the major vehicle for analysis. Students work on an independent project and write critical evaluations of each film. Fee: \$10.00 charge to cover the cost of the films. 9:00 a.m. - 4:00 p.m., MTWRF. X-204. E. Clausen.

**HIST 461 WEST AND NORTHWEST (4)**  
SCN: 832461

June 1 - August 15

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 1986 guidelines. Can be used by teachers and prospective teachers in meeting curriculum requirements. Limited enrollment. Prerequisite: Tally card signed by instructor must accompany registration; students are advised to meet with the instructor prior to June 1. Call (206) 535-7648 for further information. TBA. A. Martinson.



**LANGUAGES DEPARTMENT**  
Phone: (206) 535-7321

**GER 101 ELEMENTARY GERMAN (4)**  
SCN: 842101

Early Session: May 27 - June 20

Intensive introduction to the German language. Basic skills of oral and written communication in classroom and laboratory practice. Use of materials reflecting contemporary German life. 8:00 - 10:45 a.m., MTWRF. HA-216. P. Webster.

**FR 101 ELEMENTARY FRENCH (4)**  
SCN: 840101

June 30 - July 25

Intensive course in the essentials of pronunciation, intonation, and structure; basic skills in listening, speaking, reading, and writing. Laboratory attendance required. (Regular sessions for those needing extra help, MW, 1:00-3:00.) 8:00 - 10:45 a.m., MTWRF. Films, Thursday, 1:00 - 3:00 p.m. IN-116. L. McKim.

**FR 102 ELEMENTARY FRENCH (4)**  
SCN: 840102

July 28 - August 22

Continuation of FR 101. Regular sessions for those needing extra help, MW, 1:00-3:00; films, Thursday, 1:00-3:00. 8:00 - 10:45 a.m., MTWRF. IN-116. L. McKim.

**LANG FRENCH LANGUAGE FOR TEENS**

July 7 - 19

A two-week immersion workshop on the PLU campus for young adults, ages 12-15 (grades 7-9). Participants will have an opportunity to learn folksongs and dancing, vocabulary, cooking, and traditions from various regions of France which are geared to their own age group. The emphasis is upon basic proficiency in listening comprehension and speaking. This lively introduction is designed to encourage the continuation of foreign language study in high school and at the university -- to strengthen the skills of those who may have already studied some French -- and to expose young persons to cultural values and tastes which may not be theirs. Maximum enrollment: 20. Total fee: \$135. 12:30 - 3:00 p.m., MTWRF, and 9:00 a.m. - 12:00 noon Saturday.



**LANG FRENCH LANGUAGE CAMP**

July 7 - 12

A one-week immersion workshop on the PLU campus for children ages 6-11. Through songs, simple dialogues, crafts, dance, sports, and scientific experiments, children learn clear pronunciation, basic vocabulary and such skills as counting, introductions and dates. Teaching is largely in French and the emphasis is oral. While widening their cultural horizons, children experience the thrill of communicating in a foreign tongue and become aware of correct English usage. Total fee: \$75 per week. 9:00 a.m. - 2:00 p.m., MTWRES. R. Brown.

**LANG FRENCH LANGUAGE CAMP**

July 14 - 19

A one-week immersion workshop on the PLU campus for children ages 6-11 who participated in Session I, attended French camp last year, or have had equivalent experience through travel or French classes (suggested minimum of two years). In addition to a continuation of the above activities, children will learn about the geography of France and traditions of its various regions. Total fee: \$75.00. 9:00 a.m. - 2:00 p.m., MTWRES. R. Brown.

For brochure and further information about any of the above sessions, contact Dr. Roberta Brown, Camp Director, at (206) 535-7630 or 535-7321.

**MATHEMATICS DEPARTMENT**

Phone: (206) 535-7400

+ **MATH 128 MATH FOR BUSINESS & THE BEHAVIORAL SCIENCES (4)** SCN: 836128

June 23 - August 21

Review of algebra, matrix theory and linear programming, introduction to differential and integral calculus. Concepts are developed intuitively with applications. Use of mathematical tools stressed throughout the course. Prerequisite: High school algebra or MATH 101. 6:30 - 9:30 p.m., TR. M-112. M. McBride.

**MATH 230 MATRIX ALGEBRA (2)** SCN: 836230

Session 1: June 23 - July 18

A survey of matrix algebra and determinants with applications, such as linear programming. A first look at abstract methods including some techniques of proof. Prerequisite: MATH 151. 8:00 - 9:15 a.m., MTWRF. G-103. G. Peterson.

**MATH 323 MODERN ELEMENTARY MATH (4)** SCN: 836323

June 23 - August 25

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. Prerequisite: Consent of instructor. 10:30 a.m. - 12:15 p.m., MTWRF. M-112. K. Batker.

**MUSIC DEPARTMENT**  
Phone: (206) 535-7601

**MUS 201 CLASS PIANO, LEVELS I-VIII (1)**  
SCN: To Be Assigned

Session I: June 23 - July 18

Daily sessions in piano repertoire, sight reading, improvisation, keyboard harmony. In addition, students and piano teachers desiring to work on piano repertoire will be able to use the practice facilities of the department (Piano Practice House) and get daily suggestions. 9:00 a.m. - 4:00 p.m., MTWRF. Piano House. C. Knapp.

**MUS 430 PIANO LITERATURE OF THE RUSSIAN COMPOSERS: MOUSSORGESKY, RACHMANINOFF, Scriabin and Prokofiev (2)**  
SCN: 856430

Pre-Session: June 16 - 20

A study and analysis of the piano music of these composers. For piano majors, piano teachers, and those desiring to further their knowledge of piano music. 9:30 a.m. - 4:00 p.m., MTWRF. Piano House. C. Knapp.

**MUS 450 PIANO PEDAGOGY WORKSHOP (1)** SCN: 856450

July 14 - 18

Piano teaching from the earliest beginner through advanced piano student. Teaching ear training, reading, rhythm, posture, hand position, theory, methods and repertoire. Designed for the beginning teacher as well as piano teachers desiring a refresher course. Available for no credit: \$75. MTWRF. Piano House. C. Knapp.

**MUS 501A CHORAL WORKSHOP (2)** SCN: 856001

July 27 - August 1

Rehearsal procedures for traditional, contemporary, avant-garde and "pop" styles; performance practices of the various periods; problems of the church musician; vocal development; choral reading; problems of the elementary and junior high chorister; physical, psychological and music preparation of the conductor. Write for special brochure. Available for no credit: \$160. SuMTWRF. E-227. R. Sparks.





**MUS 501B MASTER TEACHERS IN  
MUSIC WORKSHOP (2)**  
SCN: 856002

August 4 - 8

Intensive week-long study with one master teacher in music as well as a sampling of methods and techniques of other master teachers. Instructors include James Taylor, Kate Cronan, Julia Schnebly-Black, Lynn Jessup, and Kate Grieshaber. Write for special brochure: Department of Music, Pacific Lutheran University, Tacoma Wa 98447. 9:00 a.m. - 4:00 p.m., MTWRF.

**MUS 501C J.S. BACH  
SUMMER ORGAN WORKSHOP  
(2)** SCN: 856596

August 4 - 8

Orgelbuchlein, with Robert Clar, Professor of Organ, Arizona State University, Tempe, Arizona. The 33 Newly Discovered Chorales, with David Dahl, Professor of Organ, Pacific Lutheran University. Two evening recitals featuring complete performances of entire Orgelbuchlein and 33 Chorales. Classes and recitals held at Christ Church, Episcopal, Tacoma, with the II/28 John Brombaugh tracker organ. Available for no credit: \$160. 8:00 a.m. - 4:30 p.m., MTWRF.



**MUS 596 RESEARCH IN MUSIC  
(1-4)** SCN: To Be Assigned

You may register at any time during the summer prior to August 1. Independent study card required; see Music Department. TBA. Staff.

**MUS 599 THESIS (1-4)**  
SCN: To Be Assigned

You may register at any time during the summer prior to August 1. Independent study card required; see Music Department. Staff.

**MUS 202 PRIVATE INSTRUCTION  
(1-2)** SCN: To Be Assigned

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.

**NORTHWEST SUMMER BAND  
& CHORAL CAMP**

June 22 - 28

For brochure, write: Noel Abrahamson, Coordinator, NW Summer Band & Choral Camp, Music Department, Pacific Lutheran University, Tacoma Wa 98447. SuMTWRFs. Eastvold.

**PIANO PERFORMANCE  
INSTITUTE FOR JUNIOR AND  
SENIOR HIGH SCHOOL STUDENTS**

Session I: June 23 - July 18

For brochure, write: Dr. Calvin Knapp, Coordinator, Piano Performance Institute, Music Department, Pacific Lutheran University, Tacoma WA 98447. 8:00 a.m. - 5:00 p.m., MTWRF. Piano House. C. Knapp.



**SCHOOL OF NURSING**  
Phone: (206) 535-7672

**NURS 424 PHYSIOLOGICAL  
NURSING II(4)**

SCN: 864424

June 2 - August 22

Content focuses on selected complex pathophysiological disorders of children and adults of a life-threatening or chronically disabling nature. Nursing interventions based on understanding of the biopsychosocial disruptions and means of restoring balance to an optimal level of functioning. Prerequisites: NURS 354, 384, 394; concurrent enrollment in 434, 444. Tuition: \$198 per semester hour. 8:00 - 11:15 a.m., Tuesdays, R-202; Labs: Sec A, 1:00 - 4:00, Tuesdays; Sec B, 1:00 - 4:00, Thursdays; R-317. C. Mason.

**NURS 434 COMMUNITY HEALTH  
NURSING (4)**

SCN: 864434

June 2 - August 22

Identification of major public health problems, levels of prevention, and community health nurses' roles. Models and theories for evaluating, reinforcing, or altering health-seeking behaviors of families, groups, and special populations. Introductions to selected theories, principles, and methods of leadership, and concepts of research in nursing. Prerequisites: NURS 354, 384, 394; concurrent enrollment in 424, 444. Tuition: \$198 per semester hour. 8:00 - 11:15 a.m., Thursdays, R-203; Sec A, 1:00 - 3:15 p.m., Tuesdays, R-202; Sec B, 1:00 - 3:15 p.m., Thursdays, R-203. E. Coombe.

**NURS 444 CLINICAL  
PRACTICUM II (4)**

SCN: 864444

June 2 - August 22

Clinical application of bio-psychosocial, cultural, and spiritual concepts in acute care hospital and community settings. Use of the nursing process includes interpersonal as well as technological skills. Professional responsibility and accountability are emphasized. Prerequisites: NURS 354, 384, 394; concurrent enrollment in 424, 434. Tuition: \$198 per semester hour. Clinical: Sec A, Mondays, 7:00 a.m. - 3:30 p.m. and Wednesdays, 8:00 a.m. - 1:00 p.m.; Sec B, Mondays 8:00 a.m. - 1:00 p.m. and Wednesdays, 7:00 a.m. - 3:30 p.m. E. Coombe, C. Mason.



**NURS 464 LEADERSHIP  
IN NURSING (4)**

SCN: 864464

June 2 - August 22

Analysis of health care delivery systems. Emphasis on leadership and economic aspects affecting health professionals and consumers. Prerequisites: NURS 424, 434, 444; concurrent enrollment in 478. Tuition: \$198 per semester hour. 8:00 - 11:15 a.m., Wednesday, R-204; Discussion: Sec A, Wednesday, 1:00 - 3:15 p.m., R-204; Sec B, Wednesdays, 1:00 - 3:15, R-205. C. Schultz, J. Fanslow.

**NURS 478 SENIOR PRACTICUM  
(8)**

SCN: 864478

June 2 - August 22

Clinical application and synthesis of professional and technical skills in hospitals, health agencies, or other community settings. 32 hours per week, TBA. Prerequisites: NURS 424, 434, 444; concurrent enrollment in 464. Tuition: \$198 per semester hour. TBA. R-203. C. Schultz, J. Fanslow.

**NURS 491/492 INDEPENDENT  
STUDY (1-4)**

SCN: To Be Assigned

June 2 - August 22

Prerequisite: Permission of the dean. Tuition: \$198 per semester hour. TBA. M. Mansell.



**PHILOSOPHY DEPARTMENT  
Phone: (206) 535-7228**

**PHIL 101 PHILOSOPHICAL  
ISSUES: CONSTRUCTING A  
WORLDVIEW (4)**

SCN: 866101

June 23 - July 18

Introduces philosophy by focusing on its most distinctive characteristic, the formulating and criticizing of worldviews. Considers various worldviews and uses critical skills to assess them. Much time for discussion of such questions as: what makes an action right, or a person good? Can miracles occur, and if so what would they prove? Are any of our beliefs certain? Readings range from the introductory to the sophisticated. 9:30 a.m. - 12:15 p.m., MTWRF. HA-204B. K. Cooper.

**+ PHIL 225 ETHICAL THEORY:  
WHAT MAKES AN ACT RIGHT?**

(2) SCN: 866225

June 23 - July 17

What makes an act right or wrong? Are there absolutes, or are all moral standards relative? Addresses these and other questions by reviewing and assessing major ethical theories in the Western tradition, from longstanding traditions of Plato, Aristotle, the Stoics, and Kant to the more recent views of utilitarianism, social contract theory, and libertarianism. Counts toward Philosophy general university requirement. 6:30 - 9:30 p.m., MR. HA-204B. P. Menzel.

**+ PHIL 326 MORAL PROBLEMS:  
DECIDING WHAT ACTS  
ARE RIGHT (2)**

SCN: 866326

July 28 - August 21

Examines various specific and controversial public and personal moral issues in light of larger ethical theories about what makes an act right. Analysis of issues such as abortion, suicide, sexual morality, truth and deception, welfare rights, and punishment. Fulfills general university requirement in Philosophy when paired with PHIL 225. 6:30 - 9:30 p.m., MR. HA-204B. G. Myrbo.

**PHIL 351 THEORY OF VALUE:  
GENES, ROLES, AND MORAL  
BEHAVIOR (4)**

SCN: 866351

July 28 - August 22

Explores and critically examines the sociobiological literature and its implications for our general understanding of human values and for our beliefs in freedom, oral responsibility, and basic human dignity. Fulfills Philosophy core requirement. 9:30 a.m. - 12:15 p.m., MTWRF. HA-206. G. Myrbo.

**PHIL 501A WORKSHOP IN  
TEACHING PHILOSOPHY TO  
CHILDREN (2-3)**

SCN: 866001

July 7 - 18

Introduces teachers to the Philosophy for Children program developed by the Institute for the Advancement of Philosophy for Children. Devoted primarily (but not exclusively) to the middle school component of this curriculum, Harry Stottlemeier's Discovery; focuses on the fundamental reasoning skills and pedagogy relevant to the entire curriculum. 9:00 a.m. - 4:00 p.m., MTWRF. IN-122. D. Cannon, E. Lyell.

**PHIL 501B TEACHING PHILOSOPHY  
TO CHILDREN: ETHICAL  
INQUIRY (1-2)**

SCN: 866002

July 21 - 25

A follow-up workshop for those who have taken a basic workshop in Philosophy for Children this summer or previously. Use of Lisa, focusing on ethical issues, for grade range 7-9. 9:00 a.m. - 4:00 p.m., MTWRF. IN-122. D. Cannon, E. Lyell.

**PHIL 501C TEACHING PHILOSOPHY  
TO CHILDREN: SUPPLEMENTARY  
WORKSHOPS (1-2)**

SCN: 866003

July 21 - 25

A follow-up workshop for those who have taken a basic workshop in Philosophy for children this summer or previously. Use of Pixie (grades 3-4) or Suki (language arts, 8-10). Registrants must communicate with department chair before June 23 concerning which of these is their interest. 9:00 a.m. - 4:00 p.m., MTWRF. IN-122. D. Cannon, E. Lyell.



**SCHOOL OF PHYSICAL EDUCATION**  
Phone: (206) 535-7350

**PE 100A PERSONALIZED FITNESS PROGRAM (1)**  
SCN: 868100

May 27 - June 19

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. 12:30 - 1:45 p.m., MTWR. O-FieldHouse. S. Westering.

+ **PE 100B PERSONALIZED FITNESS PROGRAM (1)**  
SCN: 868101

June 23 - July 17

See course description above. 5:00 - 6:15 p.m., MTWR. O-Balcony. S. Westering.

**PE 201A BEGINNING GOLF (1)**  
SCN: 868200

May 27 - June 19

Activity course for men and women. Fee: \$5. 8:00 - 9:15 a.m., MTWR. O-FH. B. Haroldson.

**PE 201B BEGINNING GOLF (1)**  
SCN: 868201

June 23 - July 18

Activity course for men and women. Fee: \$5. 7:00 - 8:15 a.m., MTWR. O-FieldHouse. F. Westering.

**PE 201C BEGINNING GOLF (1)**  
SCN: 868202

July 28 - August 21

Activity course for men and women. Fee: \$5. 7:00 - 8:15 a.m., MTWR. O-FH. L. Marshall.

**PE 214 BEGINNING TENNIS (1)**  
SCN: 868214

June 23 - July 17

Activity course for men and women. Fee: \$5. 7:00 - 8:15 a.m., MTWR. O-A. M. Benson.

+ **PE 215 INTERMEDIATE TENNIS (1)** SCN: 868215

June 23 - July 17

Activity course for men and women. Fee: \$5. 5:00 - 6:15 p.m., MTWR. O-A. M. Benson.

**PE 219 CANOEING/KAYAKING (1)**  
SCN: 868219

May 27 - June 20

Activity course for men & women; transportation to Spanaway Lake is the responsibility of the student. Fee: \$19.00. 5:00 - 6:15 p.m., MTWRF. Spanaway Lake. M. Kluge.

**PE 220 BASIC SAILING (1)**  
SCN: 868220

July 28 - August 23

Introductory course in sailing. Fee: \$45. 7:00 - 9:30 p.m., Thursday, G-103, plus 9 hours to be arranged.

**PE 222A RACKETBALL/SQUASH (1)**  
SCN: 868221

June 23 - July 17

Activity course for men and women. Fee: \$5. 12:30 - 1:45 p.m., MTWR. O-Racketball Courts. M. Benson.

**PE 222B RACKETBALL/SQUASH (1)**  
SCN: 868222

July 28 - August 21

Activity course for men and women. Fee: \$5. 12:30 - 1:45 p.m., MTWR. O-Racketball Courts. M. Rice.

**PE 235 CONDITIONING SWIMMING (1)**

SCN: 868235

June 23 - July 17

Swimming to develop one's flexibility, muscular strength and cardiovascular endurance. All the benefits of a good exercise program without the usual strain on the joints sometimes associated with running, jogging or aerobic programs. Course also emphasizes swimming skill improvement. Prerequisite: Must be able to swim 400 yards without stopping and be comfortable in deep water. 6:30 - 7:30 a.m., MR. Pool. J. Johnson.

**PE 237 SCUBA DIVING (1)**  
SCN: 868237

June 23 - July 17

Activity course for men & women. Fee: \$35.00. Open water certification (not required) necessitates additional fee. 2:30 - 3:50 p.m., MTWR. Pool. J. Johnson.

**PE 360A PROFESSIONAL PRACTICUM (2)**  
SCN: 868001

June 23 - July 18

Student assistant teaching experiences. Prerequisite: Departmental approval; instructor's signature on independent study card prior to registration. TBA. F. Westering.

**PE 360B PROFESSIONAL PRACTICUM (2)**  
SCN: 868002

July 28 - August 22

See description above. TBA. D. Olson.

**PE 361A COACHING PRACTICUM (2)**  
SCN: 868003

June 23 - July 18

Student assistant coaching experiences. Prerequisite: Departmental approval; instructor's signature on independent study card prior to registration. TBA. D. Olson.

**PE 361B COACHING PRACTICUM (2)**  
SCN: 868004

July 28 - August 22

See description above. TBA. D. Olson.



**PE 399A INTERNSHIP (4-8)**  
**SCN: 868005**

June 23 - July 18

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. Prerequisites: TBA. F. Westering.

**PE 399B INTERNSHIP (4-8)**  
**SCN: 868006**

July 28 - August 23

See description above. TBA. D. Olson.

**PE 481 EXERCISE**  
**PHYSIOLOGY (3)**  
**SCN: 868481**

May 27 - June 20

Scientific basis for training and physiological effect of exercise on the human body. Prerequisite: BIOL 205-206. 9:30 - 10:45 a.m., MTWRF; G-103. Motor Performance Lab: 11:00 a.m. - 12:15 p.m. G-103. M. Kluge.

**PE 491A INDEPENDENT STUDY**  
**(1-4) SCN: To Be Assigned**

June 23 - July 18

Directed study, reading and research on selected topics approved and supervised by instructor. Instructor's signature on independent study card prior to registration. TBA. F. Westering.

**PE 491B INDEPENDENT STUDY**  
**(1-4) SCN: To Be Assigned**

July 28 - August 22

See description above. TBA. D. Olson.

**+ PE 501A STRESS WITHOUT**  
**DISTRESS (1)**  
**SCN: 868009**

June 23 - 27

Topics include the difference between stress and distress, reducing the harmful effects of stress and the relationship of increased stress to disease problems. 6:30 - 9:30 p.m., MTWRF. G-103. P. Hoseth.

**+ PE 501B DYNAMICS OF**  
**TEAM LEADERSHIP I (1)**  
**SCN: 868010**

June 23 - 27

Development of team concept. Leadership is the key to high level performance in all aspects of sports and in life. Principles and concepts of the four leadership styles are integrated in an interesting and informative way to assist in developing maximum team potential. 6:30 - 9:30 p.m., MTWRF. G-102. F. Westering.

**+ PE 501C DYNAMICS OF**  
**TEAM LEADERSHIP II (1)**  
**SCN: 868011**

June 30 - July 3

A continuation of Team Leadership I applies the principles and concepts to specific situations and circumstances relevant to many teaching and coaching group situations. Course material is class-directed through discussion and feedback techniques. 6:30 - 10:00 p.m., MTWR. G-102. F. Westering.

**+ PE 501D CRITICAL ISSUES**  
**IN HEALTH EDUCATION (1)**  
**SCN: 868012**

June 30 - July 3

Topics to be included are nutrition, human sexuality, mental and emotional health, and consumerism. 6:30 - 10:00 p.m., MTWR. G-103. P. Hoseth.

**+ PE 501E SPORTS MEDICINE:**  
**THE BASICS (1)**  
**SCN: 868013**

July 7 - 11

The fundamentals of athletic training. Includes the prevention, treatment, and rehabilitation of most common injuries sustained in athletics. Lecture periods and labs, taping sessions, and other "hands on" experiences. \$8.00 materials fee. 6:30 - 9:30 p.m., MTWRF. G-103. G. Nicholson.

**+ PE 501F PSYCHOLOGY OF**  
**COACHING (1)**  
**SCN: 868014**

July 7 - 11

Learn important positive and negative factors which affect the youth athlete and the coach. Topics include leadership styles, building of winning attitudes, goal setting and relationships between coaches, parents and the community. Designed for youth coaches of all sports. 6:30 - 9:30 p.m., MTWRF. G-102. F. Westering.

**+ PE 501G TEAM SPORT**  
**INJURIES (1)**  
**SCN: 868015**

July 14 - 18

Examines the most common team sports injuries and their prevention and treatment. Includes lectures and lab taping sessions. 6:30 - 9:30 p.m., MTWRF. G-102. G. Nicholson.

**+ PE 501H PEAK PERFORMANCE**  
**(1)**  
**SCN: 868016**

July 14 - 18

Centers on key characteristics of peak performers and how to develop these characteristics in ourselves and others. Interesting and stimulating; excellent course for coaches, athletes, or anyone interested in becoming more aware of new high level performance capabilities. 6:30 - 9:30 p.m., MTWRF. G-102. F. Westering.

(cont'd on next page)



**+ PE 501J ELEMENTARY SCHOOL  
PHYSICAL EDUCATION WORKSHOP  
(1)**

SCN: 868017

Mid-Session: July 21 - 25

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. 6:30 - 9:30 p.m., MTWRF. G-103. J. Poppen.

**+ PE 501K COACH'S GUIDE TO  
NUTRITION AND DRUGS (1)**

SCN: 868019

Mid-Session: July 21 - 25

Various food and drugs have been introduced to athletes for the purpose of enhancing athletic performance and/or assisting in weight gain or loss. Considers food supplements, nutritional requirements, pre-event nutrition, weight control, use of water, drugs, oxygen, sugar, blood doping and other ergogenic aids. 6:30 - 9:30 p.m., MTWRF. G-103. G. Nicholson.

**+ PE 501L COACHING BASEBALL  
(1)**

SCN: 868018

July 28 - August 1

Techniques, systems, training methods, and strategy of coaching baseball will be presented. Specialty presentations by successful guest coaches. 6:30 - 9:30 p.m., MTWRF. O-FH. L. Marshall.

**+ PE 501M STRENGTH TRAINING:  
THE WINNING EDGE (1)**

SCN: 868020

August 4 - 8

A study of various weight training methods. Emphasis is on the application of strength training to student's specific sport or interest. Topics include power lifting, plyometrics, and other specific training methods that enable "the winning edge." 6:30 - 9:30 p.m., MTWRF. G-102. S. Westering.

**+ PE 501N RHYTHMIC ACTIVITIES  
AND DANCE FOR THE  
ELEMENTARY SCHOOL  
CHILD (1)**

SCN: 868021

August 11 - 15

Participation oriented workshop featuring a series of practical and enjoyable rhythmic experiences for elementary age children. Focus will be on creative rhythmic themes, folk dance progressions, novelty dances, and use of music to motivate fitness activities. Many activities are also appropriate for middle schools. 6:30 - 9:30 p.m., MTWRF. O-Stage. J. Poppen.

**PE 501P HOLISTIC HEALTH  
& PHYSICAL EDUCATION (1)**

SCN: 868022

August 18 - 22

Course is designed to help students understand and apply a total fitness program. Special emphasis is given to the implementation of "fitness and wellness" concepts in a physical education program. 6:30 - 9:30 p.m., MTWRF. G-102. M. Kluge.





## POLITICAL SCIENCE DEPARTMENT

Phone: (206) 535-7595

### POLS 151 AMERICAN GOVERNMENT (4)

SCN: 876151

Early Session: May 26 - June 20

A survey of the constitutional foundations of the American political system and of institutions, processes, and practices relating to participation, decision-making, and public policy in American national government. 9:30 a.m. - 12:15 p.m., MTWRF. X-114. D. Olufs.

### POLS 326 RECENT POLITICAL THOUGHT (4)

SCN: 876326

Session I: June 23 - July 18

A critical examination of the major ideologies of the modern world: democracy, conservatism, capitalism, socialism, anarchosyndicalism, communism, racial and political elitism, nationalism, liberalism, Christian political thought, and contemporary problems. 9:30 a.m. - 12:15 p.m., MTWRF. X-114. D. Farmer.

## PSYCHOLOGY DEPARTMENT

Phone: (206) 535-7294

### PSY 333 ASIAN-AMERICAN EXPERIENCE (2)

SCN: 878333

Pre-Session: June 16 - 20

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. \$30 meal fee. 9:00 a.m. - 4:00 p.m., MTWRF. HA-214. J. Moritsugu.

### PSY 420 PERSONALITY THEORIES (4)

SCN: 878420

Session I: June 23 - July 18

Survey of the study of personality and of the formulation of personality theories. Techniques of measurement and implications for counseling and/or psychotherapy. Prerequisite: PSY 101. 9:30 a.m. - 12:15 p.m., MTWRF. X-203. J. Moritsugu.

### POLS 354 STATE AND LOCAL GOVERNMENT (4)

SCN: 876354

Session II: July 28 - August 21

Governmental structures, processes, and policy at the state, local, and regional levels of the American system. Special attention to intergovernmental relations and the role of the national government. 9:30 a.m. - 12:15 p.m., MTWRF. X-114. W. Spencer.

### + POLS 501 CIVIL LIBERTIES WORKSHOP (4)

SCN: 876501

May 28 - June 19

For course description and specific dates, see EDUC 501A on page 11. 6:30 - 9:45 p.m., TWR/MWR. HA-117. C. DeBower, D. Atkinson.

### PSY 450 PSYCHOLOGICAL TESTING (4)

SCN: 878450

Session II: July 28 - August 22

Survey of standardized tests; methods of development; standardization; limitations and interpretations of tests. Prerequisites: PSY 243, a course in statistics, or instructor's consent. 2:00 - 4:45 p.m., MTWRF. X-114. Staff.

### PSY 460 LEARNING: RESEARCH AND THEORY (4)

SCN: 878460

Session II: July 28 - August 22

Experimental studies and theories of learning. Lecture, discussion and demonstrations. Prerequisite: Minimum 12 hours in Psychology. 9:30 a.m. - 12:15 p.m., MTWRF. X-114. J. Nolph.

### + POLS 553 PUBLIC PERSONNEL ADMINISTRATION (4)

SCN: 876553

June 2 - July 23

Describes the major forces that affect public personnel matters today; introduces and provides practice in personnel work; seeks to encourage and develop critical thinking in the world of work. Tuition: \$198 per semester hour. 6:00 - 9:00 p.m., MW. X-203. D. Olufs.



### + PSY 570 EXTERNSHIP I (4)

SCN: 878570

June 16 - August 22

An opportunity to develop counseling and/or assessment skills in a setting in which these professional services are offered. Classroom focus on case conceptualization and presentation. Prerequisite: PSY 515 and/or 540. Tuition: \$198 per semester hour. 5:00 - 6:15 p.m., MTWRF. X-114. Staff.

### + PSY 577 EXTERNSHIP II (4)

SCN: 878577

June 18 - August 20

An opportunity for the more advanced student to work in the areas of counseling and/or assessment in a setting in which these professional services are provided. Classroom focus on case conceptualization and presentation. Prerequisite: PSY 570. Tuition: \$198 per semester hour. 5:00 - 6:15 p.m., W. X-114. Staff.



**RELIGION DEPARTMENT**  
Phone: (206) 535-7228

+ **REL 111 BIBLICAL LITERATURE:  
OLD & NEW TESTAMENT (4)**  
SCN: 880111

Early Session: May 27 - July 17

The Bible as a whole, survey of the story of salvation, selected passages in contemporary contexts. 6:30 - 9:30 p.m., TR. HA-200. J. Petersen, S. Govig.

**REL 131 WORLD RELIGIONS  
(4)** SCN: 880131

Early Session: May 27 - June 20

A critical introduction to the study of the religions of the world emphasizing historical origin and cultural developments. Readings are centered upon primary sources in translation. 2:00 - 4:45 p.m., MTWRF. HA-202. P. Ingram.

**REL 223 AMERICAN CHURCH  
HISTORY (4)** SCN: 880223

Session I: June 23 - July 18

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. 12:30 - 3:15 p.m., MTWRF. HA-202. J. Brown.

**REL 225 FAITH AND  
SPIRITUALITY (4)** SCN: 880225

Session II: July 28 - August 22

A reflection on various Christian life-styles and their expression and understanding of commitment and discipleship. This course centers around the theological question, What does it mean to be a follower of Jesus? 9:30 a.m. - 12:15 p.m., MTWRF. HA-204A. M. Poellet.

**REL 332 THE LIFE OF  
JESUS (4)** SCN: 880332

Pre-Session: June 23 - July 18

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. Prerequisite: One lower division course or consent of instructor. 2:00 - 4:45 p.m., MTWRF. HA-204A. S. Govig.

+ **REL 365 CHRISTIAN MORAL  
ISSUES: WORK IN AMERICA (4)**  
SCN: 880365

June 23 - August 20

An in-depth exploration from the perspective of Christian ethics of selected moral issues such as peace and violence, the environment, sexuality, political and economic systems, hunger, and poverty. 6:30 - 9:30 p.m., MW. HA-216. M. Poellet.

**REL 390 STUDIES IN HISTORY  
OF RELIGIONS: JUDAISM (4)**  
SCN: 880390

Session I: June 23 - July 18

The faith and commitment of Judaism from early biblical times to the present, with attention to interpretation of the Hebrew Bible, rabbinic thought, religious observances, modern movements, and Jewish-Christian dialogue. The historical growth of the faith, leaders, and institutions of Judaism from its beginnings to the present. Special attention given to the religious practices and theological formulations at the beginning of the common era, which took shape in times of severe cultural and religious crisis and have continued to exert profound influence on the religious life of the people throughout medieval and modern times. 11:00 a.m. - 1:45 p.m., MTWRF. HA-204A. J. Petersen.



**LITE (LUTHERAN INSTITUTE  
FOR THEOLOGICAL EDUCATION):  
THEOLOGY IN FOUR DIMENSIONS -  
A CHALLENGE FOR OUR DAY**

A week of study for laity, lay staff workers, clergy and families. Guest lecturers: Dr. Ralph Klein, deployed faculty from Christ Seminary - Seminex, "Ezekiel: When Only a Radical Word Will Do"; Dr. Kenneth Mitchell, Director of Counseling & Training Services, NW Theological Union, Seattle, "Epochs in the Life of the Family"; Dr. Ted Peters, Professor at Pacific Lutheran Theological Seminary, Berkeley, "Theology in Our Post-Modern Context"; Maurice Ngakane, South African now with Lutheran World Ministries, "South Africa Today." Sessions held each morning and evening. Contact the LITE Office, Pacific Lutheran University, Tacoma WA 98447; or call (206) 535-7342 for further information.



**SOCIAL WORK AND  
MARRIAGE & FAMILY THERAPY  
DEPARTMENT**

Phone: (206) 535-7734

**SOCW 401 THE HUMAN SERVICES  
IN NICARAGUA (2)**  
SCN: 884401

June 16 - July 3

The Nicaraguan government's policies related to health, education and social services, and the significance to the problems of human rights and third world development. 5:00 - 6:15 p.m., MTWRF. EC-22. V. Hanson.

**SOCW 475/476 FIELD EXPERIENCE  
(4 each)**  
SCN: To Be Assigned

June 16 - August 22

Supervised field work with an agency or institution. Application/integration of knowledge, theory and understanding. Development of skills common to social work. Prerequisites: Consent of instructor and tally card required. TBA. V. Hanson.

**MFT 519-522 PRACTICUM  
I-IV (4 ea)**  
SCN: To Be Assigned

June 16 - August 22

The four practica are part of a continuous process toward developing specific therapeutic competencies in work with marriages and families. The practica present a competency based program in which each student is evaluated regarding case management skills, relationship skills, perceptual skills, conceptual skills, and structuring skills. Prerequisites: Consent of instructor and tally card required. Tuition: \$198 per semester hour. TBA. C. York, C. Storm.

**SOCIOLOGY DEPARTMENT**  
Phone: (206) 535-7394

**SOC 355 THE WELFARE STATE:  
THE CASE OF GREAT BRITAIN  
(2)**  
SCN: 886355

July 28 - August 8

Examines the deep, underlying social problems affecting Great Britain today. These issues are leading to a thorough re-evaluation of the welfare state as it has developed in Britain, including an evaluation of the alternatives to the present system. 9:30 a.m. - 12:15 p.m., MTWRF. X-204. C. Griffin.

**+ SOC 401B SPSSX (2)**  
SCN: 886002

Session I: June 24 - July 17

A hands-on course with a computer software program (SPSSX) used in statistical data analysis. Learn how to manage data, set up computer files, select statistical procedures, design programs, execute programs, and interpret results. No prior computer experience necessary. Methods or statistics background helpful, but not required. Students engaged in research projects or theses will have opportunity to develop their work. 6:30 - 9:30 p.m., TR. X-Computer User Room. J. Reisman.



**SOC 501 MAJOR CONCEPTS IN  
SOCIAL SCIENCE (4)**  
SCN: 886501

Session I: June 23 - July 18

A survey of major ideas used by contemporary social scientists, designed primarily for high school teachers. Included are treatments of areas such as deviant behavior, demography, motivation, and utopian societies. Various theoretical approaches are discussed. Designed to help high school teachers create curriculum units for classes in psychology, sociology, and general social sciences. 9:00 a.m. - 12:00 noon, MTWRF. EC-34. A. Biblarz.

**SOC 401A DIVORCE AND  
CUSTODY (2)**  
SCN: 886001

Pre-Session: June 16 - 20

Overview of divorce and custody legal and social practices in the U.S. Includes study of current efforts to revise the pattern of mother-custody awards in favor of father-custody and joint-custody awards and the effects that these changes are having on parents, children, and societal institutions. 9:00 a.m. - 4:00 p.m., MTWRF. X-203. K. O'Connor.

**SOC 480 ISSUES IN CRIME  
& DEVIANCE: SUICIDE (4)**  
SCN: 886480

Session I: June 23 - July 18

An examination of the major theories that have been constructed to explain the phenomenon of suicide, and the findings of recent empirical studies. Students are exposed to suicide intervention strategies in the Pierce County area. 1:00 - 4:00 p.m., MTWRF. X-114. A. Biblarz.

**+ SSCI 505 RESEARCH METHODS (4)**  
**SCN: 887505**

**May 27 - July 16**

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. Tuition: \$198 per semester hour. Eligibility card required. For information, call (206) 535-7446. 6:30 - 9:30 p.m., MW. X-114. J. Schiller.

Social Science graduate students may also register for Directed Studies, Graduate Readings, Thesis or Project. Tuition: \$198 per semester hour. Call (206) 535-7399 for information.



**STAT 231 INTRODUCTORY STATISTICS (4)**

**SCN: 888231**

**Early Session: May 27 - June 20**

Descriptive statistics: measures central tendency and dispersion. Inferential statistics: generalizations about populations from samples by parametric and nonparametric techniques. Methods covered will include estimation, hypothesis testing, simple correlation analysis, linear regression and chi square analysis. Not applicable to mathematics credit. 8:00 - 10:45 a.m., MTWRF. HA-202. R. Jensen.



## ADMISSION INFORMATION

### 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.

### 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 done acceptable work in another accredited college will be granted advanced standing for previous work.

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

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

Continuing students at PLU who wish to enroll for the summer session should simply return the enclosed registration form by mail or in person to the Registrar's Office.

### DEGREE PROGRAM - BACHELOR'S

Anthropology  
Art  
Biology  
Business  
Chemistry  
Classics  
Communication Arts  
Computer Science  
Earth Sciences  
Economics  
Engineering  
English  
French  
German  
Global Studies  
History  
Legal Studies  
Mathematics  
Music  
Norwegian  
Nursing  
Philosophy  
Physical Education/Recreation  
Physics  
Political Science  
Psychology  
Religion  
Scandinavian Area Studies  
Social Science  
Social Work  
Sociology  
Spanish

### DEGREE PROGRAMS - MASTER'S

Master of Arts, Education  
Educational Administration  
Counseling and Guidance  
Classroom Teaching  
Educational Psychology  
Reading  
Special Education

Master of Arts in Social Sciences  
Organizational Systems  
Marriage & Family Therapy  
Psychological Counseling  
Individualized Study

Master of Business Administration

Master of Music  
Composition  
Conducting  
Education  
Performance

Master of Public Administration

Master of Science in Computer Science

Master of Arts in Computer Science Applications



## REGISTRATION INFORMATION

### Registration for Summer Session Begins

April 1, 1986

#### REGISTRATION BY MAIL

Mail registrations must reach the University no later than ten days before the first day of the class(es) for which the student is registering. If the completed registration form is mailed with a check, money order, VISA or MasterCard number and expiration date, students will not need to stop at the PLU Business Office first, but may go directly to the first meeting of their class.

Mail your registration to:

Registrar

Pacific Lutheran University  
Tacoma, Washington 98447

The following information should be included:

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

#### REGISTRATION BY TELEPHONE

Students registering by telephone should have the following information available when placing the call to (206) 535-7136:

1. Bank card number, expiration date, and name of card holder (if paying by VISA or MasterCard).
2. Student's full name.
3. Student's Social Security Number.
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. System Code Number (SCN) for each course for which the student is registering.

Courses requiring a tally card are excluded from telephone registration.

#### REGISTRATION ON CAMPUS

Advanced registration by mail is encouraged. A summer registration form is enclosed.

Alternatively, on-campus registration begins April 1. Registration for the second session must be completed by July 30. Students who plan to attend the entire summer session should complete registration for both sessions at the time of the initial registration.

Students who need a transcript to be evaluated and a progress chart created or brought up to date should make their requests to the Registrar's Office by mail or by personal appointment, preferably before June 13.

#### REGISTRATION 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 or register is June 25 for first session and July 30 for second session.

Students registering for the first session only who later decide to enroll for the second session may do so by adding the desired courses on a drop/add form. The balance of tuition can be paid on the first day of second session. Students who register for both sessions and decide not to continue in the second session must make an official withdrawal from the second session courses.

Official withdrawals, with a grade of "W," may be given any time during a session, but there will be 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

Students wishing to take a class pass/fail must file a pass/fail form with the instructor by the end of the second week of class. Forms are available at the Registrar's Office.

#### ID CARDS

Students need 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 Office of the Vice President for Student Life, Room HA-115, until classes begin. After the first day of class, requests may be made at the Business Office or the Office of the Vice President for Student Life.

#### STUDENT COURSE LOAD AND WAIVERS

The maximum course load for each summer session is 6 semester hours. Graduate students may not take more than 12 semester hours during the summer to count toward the master's degree at Pacific Lutheran University.

#### TRANSCRIPT REQUESTS

Students needing transcripts of summer work may submit a written request to the Registrar's Office. Transcripts cannot be sent for students with unpaid accounts at the University.



## GRADUATION/COMMENCEMENT

Students who plan to complete requirements for a degree during the summer should fill out an Application for Graduation. These forms are available in front of the Registrar's Office. Undergraduates should return the completed form to the Registrar's Office, and graduate students should return the completed form to the Graduate Office, no later than July 7. Commencement ceremonies will be held on Friday, August 22, in East-vold Auditorium at 7:00 p.m.

### TUITION, ROOM AND BOARD

Tuition	\$135.00
Audit	135.00
MBA, Social Sciences Graduate classes, & Nursing per sem hr	198.00
Private Music Lessons (13-1/2 hr lessons = 1 sem hr credit)	
- one sem credit hr in addition to tuition	90.00
- two sem hours in addition to tuition	150.00
Residence Hall rooms	
Double occupancy, both sessions	300.00
Single occupancy, both sessions	375.00
Double occupancy, one session	170.00
Single occupancy, one session	220.00
Pre- & Mid-Session, per day	6.00
Board, Monday-Friday, per session	
Breakfast, lunch, dinner	160.00
Lunch only	50.00
Lunch & dinner	125.00

## PAYMENT INFORMATION

Tuition and fees are due on or before the first day of the term. Mail or deliver tuition to the PLU Business Office, P.O. Box 1356, Tacoma, WA 98401. 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. Students using bank cards should complete the appropriate spaces on the front of the registration form.

### 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:

- BIOL 591 Field Biology Workshop
- ESCI 351 Natural History of the Pacific NW
- ENGL 383 Shakespeare (Ashland trip)

## GENERAL UNIVERSITY INFORMATION

### WHY PLU FOR SUMMER STUDY?

#### A Unique Academic Environment

Pacific Lutheran University is an integrated Christian community dedicated to providing a high quality liberal education.

It offers each person the opportunity to acquire the perspective, insight and discipline that give added purpose and direction to life.

It offers encounters with mankind's intellectual, artistic, cultural and natural heritage, through which the individual can affirm self-worth and develop potential for self-realization and service.

Practically speaking, a liberal education stimulates development of mature personal characteristics, competence in research, clarity in thought, and creativity in action. It also inspires a sensitivity and awareness of the individual's relationships with God and humanity.

#### University Accreditations

Pacific Lutheran University is the only degree-granting Lutheran institution in the Pacific Northwest. It is fully accredited by the Northwest Association of Schools and Colleges. Professional accreditations are held by the School of Business Administration with the American Assembly of Collegiate Schools of Business, the School of Nursing with the National League for Nursing, the Music Department with the National Association of Schools of Music, and the School of Education with the National Council for the Accreditation of Teacher Education. The latter is for the preparation of elementary and secondary teachers, principals, and guidance counselors through the master's degree level. The undergraduate program in Social Work is accredited by the Council on Social Work Education. The University is also approved by the American Chemical Society.





## Summer School and Academic Year Enrollments

Summer School 1985 enrollment totaled 1,717. Academic year enrollment totalled 3,758, with 2,860 full-time students.

## Vacation Studies

It is easy to combine a vacation with summer study at PLU. Northwest native and visitor alike can enjoy the proximity of the area's natural wonders -- lakes, streams, salt water beaches, mountain trails and campgrounds. The PLU summer program offers weekend adventures, including mountain climbing, nature hikes, salmon and trout fishing, sightseeing and many others.

Railroads, buses and highways make the campus easily accessible to outlying areas. Sea-Tac International Airport, a 30-minute drive from PLU on Interstate 5, is convenient for out-of-state students and visiting faculty.

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 100, Hauge Administration Building, Pacific Lutheran University, telephone (206) 535-7125, for matters relating to student admissions, curriculum, and financial aid.
3. The Associate Dean for Student Life, Room 115, Hauge Administration Building, 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 Associate Dean for Student Life, Room 115, Hauge Administration Building, 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 115, 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.

## CAMPUS SERVICES AND FACILITIES

Most PLU offices close at noon on Fridays. However, the University Center Information Desk is 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/Assistance Center

Information is available in the Academic Advising and Assistance Center concerning all PLU academic policies, procedures and programs. The center also provides assistance with academic skills such as reading, time management, notetaking and exam preparation.

During summer sessions, tutorials can be arranged by this office on a fee basis for most PLU course offerings.

The Center is located in Ramstad, and summer hours are Monday through Thursday from 9:00 a.m. to 5:00 p.m. and Friday from 9:00 a.m. to 12:00 noon.

## Bookstore

The PLU Bookstore is owned and operated by Pacific Lutheran University for the benefit of students, faculty and staff. The bookstore sells the textbooks and supplies that are required or suggested by faculty members for their courses. Additional books, supplies, gifts, greeting cards, clothing, film processing, toiletries and other items are available for your convenience.

### Summer hours:

8:00 a.m.-4:30 p.m., MTWR  
8:00 a.m.-12:00 noon, Friday

### Extra hours:

Monday, June 2: 5:00-7:00 p.m.  
Monday, June 23: 5:00-7:00 p.m.  
Tuesday, June 24: 5:00-7:00 p.m.  
Monday, July 14: 5:00-7:00 p.m.  
Monday, July 28: 5:00-7:00 p.m.  
Saturday, July 26, 11:30 a.m. - 1:30 p.m.

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 by its very nature is a place for the interaction between studies and the Christian gospel. Opportunities for the expression of faith and worship are provided for the community. Weekly chapel services are held in Eastvold Chapel, 10:00 - 10:30 a.m. each Wednesday.

During the summer session, the University pastors are available for conversation and counsel in the Campus Ministry office located in the University Center, or call (206) 535-7464.



### University Child Care,

operating in PLU's East Campus location, 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, full-time clients, and costs are based on gross monthly income. Licensed for 56 children from 12 months through 5 years, the center operates year-round, from 6:30 a.m. to 6:30 p.m. Monday through Friday. Drop-ins are acceptable if space is available and if the parent has previously registered; although there is a waiting list for full-time clients, there is space for limited drop-in care most afternoons. 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 bookkeeper. 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. Meals and snacks are included. For more information, write Dee Dippolito, Director, 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 or part-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 drop in and observe at any time, or call (206) 535-2699 for further information.

### Computer Services

The Computer Center offices are located in the southeast corner of the lower floor of the Mortvedt Library building. An outside stairway provides access. The facility houses the central computer system, a DEC VAX 11/785 networked with a VAX 11/750. Two large academic user rooms provide access to IBM PCs and to the VAX central system. They are located in Ramstad 109 and in Memorial Gym 102. User rooms are open 6:00 a.m. - 2:00 a.m., seven days a week during Fall and Spring semesters. An Equinox data switch links the VAX computers with academic and administrative video terminals located throughout campus. A computer classroom equipped with IBM and Apple PCs, VAX terminals and a projection system enhances the environment.

The following software is available:

VAX System: Languages - ADA, BASIC, C, COBOL, Fortran, LISP, Pascal.  
Text Editor - EDT.  
Simulations - GPSS, Simscript.  
Statistical - SPSSX, Minitab.  
Spread Sheet - CCALC.  
Document Formatter - Runoff.  
IBM PC: Languages - BASIC, Turbo Pascal.  
Word Processor - Microsoft WORD.  
Spread Sheet - LOTUS 1-2-3.  
Database - dBASE III.

Charges for on-campus computer usage are \$.75 per connect hour on the VAX, and \$.75 an hour on a microcomputer. Other fees include \$.005 for the VAX CPU second, \$.03 per VAX page printed, and \$.005 per VAX disk block stored. The computer usage fee will not be charged during the add/drop period at the beginning of each semester. The first \$5.00 usage per billing period (approximately one month) is free.

Please call (206) 535-7525 if additional information is required.

### Food Service

The Food Service Department endeavors to satisfy 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 7:00 a.m. - 6:00 p.m. One popular item offered is a \$20.00 coupon book for a cost of \$18.00, a 10% savings. The book is purchased through the Business Office and may be used in any of our dining facilities. A variety of meal plans are also available through the Food Services office located in the University Center.

A snack wagon is available summer mornings for those students needing juice, coffee, donuts, fruit or a sandwich. Weather permitting, the wagon is parked in the square in front of Eastvold; on cold or rainy mornings, the wagon is located under the eaves of 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.

### 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 23 for specific costs.



## Student Life

The Office for Student Life provides many of the University's programs and services for students. Offices which serve the summer community include **Adult Student Services**, where students 25 years and older receive practical assistance, information about campus activities and developments, and attention to the specific needs of the older student; **Career Planning and Placement**, where students may find information about work opportunities and careers; **Counseling and Testing**, where students may take tests required for graduate admissions (GMAT, GRE, MAT, CPI, for instance) and receive short-term personal counseling; **Disabled Student Services**, which arranges support services for students with special needs; **International Student Services**, which advises students from countries other than the United States and maintains necessary immigration records; **Minority Student Programs**, which coordinates events, services, and networks for students of racial ethnic minority backgrounds; the **University Center** (see University Facilities); and **Residential Life** (see Residential Life and Housing). The Office of the Vice President and Dean for Student Life is also available to discuss and address student concerns.

Students with concerns related to any of these offices may correspond with them prior to summer session or visit the office after arriving on campus.

## University Facilities

University Center (1970) has been celebrated as the "College Union to suit all." Strategically located, the Center's four levels unite lower with upper campus. Designed of rustic Northwest timber, the Center environmentally complements surrounding scenery and houses the information desk, meeting rooms, cafeteria, coffee shop, games room (six-lane bowling alley, billiards, cards, etc.), practice rooms, and bookstore.

Hauge Administration Building (1966) 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.

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, International and Adult Student Services, 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 Arts Department, a student art gallery and the Wekell Gallery for outside exhibitors.

William O. Rieke Science Building (1985) provides administrative offices, laboratories, and classroom, along with a 200-seat 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, and offices for Special Education, Marriage & Family Therapy, and Social Work staff. Community outreach programs such as low-income food distribution, Second Wind (for senior citizens), family counseling, and a day school for behaviorally troubled children 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.

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.

Olson Auditorium is a multi-purpose facility featuring a Sport Tred gymnasium floor and an Astro-Turf fieldhouse. Activities include basketball, volleyball, badminton, handball, racketball, squash, and weight training. Hours: 8:00 a.m.-6:00 p.m., MTWRF.



Swimming Pool offers Olympic-sized swimming area, diving pool, sunbathing area, locker and dressing rooms. Hours: 8:00-9:00 a.m. (adults only), noon-1:00 p.m. (adults only), 1:00-2:30 p.m. (all ages), 4:00-5:00 p.m. (students, faculty, staff and families only), MTWRF. Evenings: 7:30-9:00 p.m. (all ages), and 9:00 - 10:00 p.m. (adults only), MTWRF.

University Center Games Room features modern six-lane bowling alley, pool tables, table tennis, shuffleboard, coin-operated table games.

Hours: 11:00 a.m. - 10:00 p.m., 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 courts are available on lower campus. Students have use priority. Hours: daylight (until midnight upon your request for lighting at Campus Safety Office).

Off-Campus Recreation - Numerous recreational opportunities exist close to the campus. Spanaway Park, located by a 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.

## SPECIAL PROGRAMS

### Summer Scholars Program

The Summer Scholars program, a three-week study program for academically gifted high school juniors and seniors, is being held at PLU July 7 through July 25. Sponsored by PLU and assisted by funds from the Tacoma Area Council on Giftedness, the program offers scholarly projects in advanced mathematics, writing, theatre, chemistry, political science, philosophy, health issues, international issues, art and biology. Projects feature combinations of lectures, laboratory work and field experience, along with exposure to residential campus life. Participants will be selected by mid-April from among nominations received from high schools, parents, and community groups.

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

### PLU Middle College

Middle College provides a great opportunity for high school juniors and seniors.

High School juniors and seniors--'86 graduates--can get an early start on a successful college career this summer at PLU!

Called Middle College, a six-week summer program (June 21 to August 1) helps students 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 and mathematics.

Each Middle College student will work closely with PLU professors and college student tutors on the personal, individual basis so important to effective learning. There are six professors on the faculty, from social sciences, mathematics, English, biology, and communication arts, plus a full-time counselor.

Each student will receive individual counseling and aptitude or skills testing. And each will learn 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 one can simply enjoy sunbathing or frisbee on PLU's spacious, green campus lawns.

Students may live on campus or commute, although on-campus housing is strongly recommended for this program. Tuition cost for the program is \$1,080, and financial aid, based primarily on need, is available.

Tuition	1080.00
Room & board (if desired)	520.00
Textbooks	50-90.00
<b>Total Cost Estimate</b>	<b>\$1729-1769.00</b>

The deadline for Middle College applications is May 31, 1986. 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.



### Elderhostel

Elderhostel combines the best traditions of education and hosting. It is a program for senior citizens on the move--not just in terms of physical movement and travel, but in a sense of reaching out to a new experience. Elderhostel consists of a national network of colleges which offers low-cost, short-term residential academic programs for older citizens. Persons interested should write: University Center, PLU, Tacoma WA 98447 for information. Three one-week hostels are scheduled: June 15, June 29, and July 13, 1986.

### Summer Conferences at PLU

1986 will be another very active summer for conferences, with more than 13,000 visitors expected to attend conventions, workshops and camps. Groups scheduled for 1986 include The Pacific Northwest Writers, numerous church-related workshops, and major church conventions. Youth camps for basketball, music and cheerleading are among those planned. The University Center Conference Office, (206) 535-7453, maintains information and registration forms for more than 50 programs.

Organizations wishing information about conducting their next conference at Pacific Lutheran University should contact the Conference Office, University Center, Pacific Lutheran University, Tacoma WA 98447.



**ADMINISTRATIVE REGISTER**

**OFFICE OF THE PRESIDENT**

**President**  
William O. Rieke, M.D.  
**President's Executive Associate**  
Lucille Giroux  
**Assistant to the President**  
John Adix  
**University Pastors**

**OFFICE OF THE PROVOST**

**Provost**  
Richard Jungkuntz  
**Deputy Provost**  
David C. Yagow  
**Associate Dean, Special Academic Programs**  
Judith W. Carr  
**Dean, Division of Humanities**  
Dennis M. Martin  
**Dean, Division of Natural Sciences**  
John O. Herzog  
**Dean, Division of Social Sciences**  
David M. Atkinson  
**Director, Soc. Sci. Graduate Programs**  
Richard J. Jobst  
**Dean, Summer Studies, and Dean, School of The Arts**  
Richard D. Moe  
**Administrative Assistant**  
Constance Bates  
**Coordinator, Public Events**  
Noel Abrahamson  
**Dean, School of Business Administration**  
Gundar J. King  
**Director, M.B.A. Program**  
Laura J. Carvey  
**Administrative Assistant**  
S. Jean Sensel  
**Dean, School of Education**  
Kenneth A. Johnston  
**Director, Teacher Placement & 5th Year, and Assistant to the Dean**  
Nan Nokleberg  
**Coordinator, Graduate Programs**  
Diane Heacock  
**Dean, School of Nursing**  
D. Moira Mansell  
**Administrative Assistant**  
Barbara Phillips  
**Dean, School of Physical Education**  
David M. Olson  
**Dean, Admissions & Financial Aid**  
James Van Beek  
**Associate Dean**  
Cynthia Michael  
**Assistant Deans**  
David Gunovich  
Mary Johnson  
**Director, Financial Aid**  
Albert W. Perry  
**Associate Directors, Financial Aid**  
Debra Brackman  
Mark Duris  
Kay Soltis



**Registrar**  
Charles T. Nelson  
**Associate Registrar**  
Loleta G. Espeseth  
**Transfer Coordinator**  
Camille Eliason  
**Administrative Assistant**  
Mary Allen  
**Director, Academic Advising & Assistance Center**  
Richard Seeger  
**Asst. Director, Academic Advising**  
Wanda Wentworth  
**Director, Library**  
John W. Heussman  
**Reference Librarian**  
Susan McDonald  
**Asst. Reference Librarian**  
Nancy Kendall

For other administrative offices, please see the regular PLU academic catalog.

**FULL-TIME FACULTY AND STAFF**

**Angelia G. Alexander**, 1971, Professor of Biology; Ph.D., University of Washington, 1979.  
**Charles D. Anderson**, 1959, Professor of Chemistry, Regency Professor 1974-1975; Ph.D., Harvard University, 1959.  
**Ernest M. Ankrim**, 1976, Associate Professor of Economics; Ph.D., University of Oregon, 1976.  
**David M. Atkinson**, 1976, Associate Professor of Political Science, Chair, Division of Social Sciences; Ph.D., University of Maryland, 1972.  
**Howard B. Bandy**, 1984, Dean of Computer Services; Ph.D., Case Western Reserve University, 1972.  
**Stephen E. Barndt**, 1978, Associate Professor of Business Administration; Ph.D., Ohio State University, 1971.  
**Michael D. Bartanen**, 1979, Associate Professor of Communication Arts; Ph.D., University of Southern California, 1981.  
**Kenneth E. Batker**, 1966, Professor of Mathematics; Ph.D., University of Colorado, 1971.  
**Myra J. Baughman**, 1970, Associate Professor of Education; Ed.D., University of Nebraska, Lincoln, 1975.  
**John E. Beaulieu**, 1985, Assistant Professor of Mathematics & Computer Science; Ph.D., University of Oregon, 1985.  
**William Becvar**, 1973, Associate Professor of Communication Arts; Ph.D., Kansas University, 1975.  
**Steven R. Benham**, 1982, Assistant Professor of Earth Sciences; Ph.D., Indiana University, 1979.  
**Mike Benson**, 1981, Athletic Facilities Coordinator and Varsity Tennis Coach; B.A., Pacific Lutheran University.  
**Jack Bermingham**, Assistant Professor of History, Ph.D., University of California, Santa Barbara, 1979.  
**Arturo Bibrarz**, 1977, Associate Professor of Sociology; Ph.D., University of California, Los Angeles, 1968.  
**James E. Brink**, 1970, Associate Professor of Mathematics and Computer Science; Ph.D., Iowa State University, 1970.  
**Joanne E.C. Brown**, 1983, Assistant Professor of Religion; Ph.D., Boston University, 1983.  
**Roberta S. Brown**, 1979, Assistant Professor of Modern & Classical Languages; Ph.D., University of California, Los Angeles, 1979.  
**Christopher Browning**, 1974, Professor of History; Ph.D., University of Wisconsin, Madison, 1975.  
**John T. Carlson**, 1975, Associate Professor of Biology; Ph.D., University of Minnesota, 1976.



**Judith W. Carr**, 1979, Special Academic Programs Director; Ph.D., University of Washington, 1974.

**Marie Churney**, 1974, Associate Professor of Education; Ed.D., University of Florida, 1970.

**Edwin Clausen**, 1983, Assistant Professor of History; Ph.D., University of California, Santa Barbara, 1979.

**Anne Cook**, 1983, Assistant Professor of Mathematics and Computer Science; Ph.D., American University, 1983.

**Evelyn I. Coombe**, 1981, Associate Professor of Nursing; M.S., University of Washington, 1956.

**Keith Cooper**, 1984, Assistant Professor of Philosophy; Ph.D., University of Wisconsin, Madison, 1984.

**Dennis L. Cox**, 1972, Assistant Professor of Art; M.F.A., Washington State University, 1972.

**Michele A. Crayton**, 1977, Associate Professor of Biology; Ph.D., Oregon State University, 1974.

**David P. Dahl**, 1969, Associate Professor of Music; M.A., University of Washington, 1962.

**Carrol E. DeBower**, 1964, Professor of Education; Ed.D., University of Nebraska, Lincoln, 1964.

**Bryan C. Dörner**, Associate Professor of Mathematics & Computer Science; Ph.D., University of Oregon, 1977.

**Julia E. Fanslow**, 1985, Associate Professor of Nursing; Ed.D., Gonzaga University, 1983.

**Donald R. Farmer**, 1955, Professor of Political Science; Ph.D., University of Minnesota, 1954.

**M. Josephine Fletcher**, 1963, Professor of Education; Ph.D., University of Washington, 1971.

**Kent P. Gerlach**, 1980, Associate Professor of Education; Ed.D., University of Nevada, Las Vegas, 1980.

**William P. Giddings**, 1962, Professor of Chemistry; Ph.D., Harvard University, 1959.

**Stewart D. Govig**, 1958, Professor of Religion; Ph.D., New York University, 1966.

**David H. Hansen**, 1974, Associate Professor of Biology; Ph.D., University of California, Irvine, 1974.

**Marlis M. Hanson**, 1971, Assistant Professor of Education; M.A., Pacific Lutheran University, 1981.

**Vernon R. Hanson**, 1970, Associate Professor of Social Work; A.M., University of Chicago, 1970.

**Bruce Haroldson**, 1983, Basketball Coach; M.A., University of Oregon, 1964.

**Edward D. Harter**, 1985, Associate Professor of Mathematics & Computer Science; Ph.D., University of Illinois, 1972.

**John O. Herzog**, 1967, Dean, Division of Natural Sciences; Ph.D., University of Nebraska, 1963.

**Paul E. Hoseth**, 1968, Associate Professor of Health and Physical Education; Ed.D., University of Oregon, 1977.

**Laurence D. Huestis**, 1961, Professor of Chemistry; Ph.D., University of California, Davis, 1960.

**Paul O. Ingram**, 1975, Associate Professor of Religion; Ph.D., Claremont Graduate School, 1968.

**Sharon L. Jansen Jaech**, 1980, Assistant Professor of English; Ph.D., University of Washington, 1980.

**Robert J. Jensen**, 1968, Associate Professor of Economics; M.A., University of Nebraska, 1967.

**Richard H. Jenseth**, 1985, Assistant Professor of English; Ph.D., University of Iowa, 1985.

**James Johnson**, Director of Aquatics; B.A., Rocky Mountain College, 1970.

**Kenneth A. Johnston**, 1964, Professor of Education, Dean of the School of Education; Ed.D., Washington State University, 1964.



**Richard P. Jones**, 1969, Associate Professor of English; M.F.A., University of Massachusetts, 1969.

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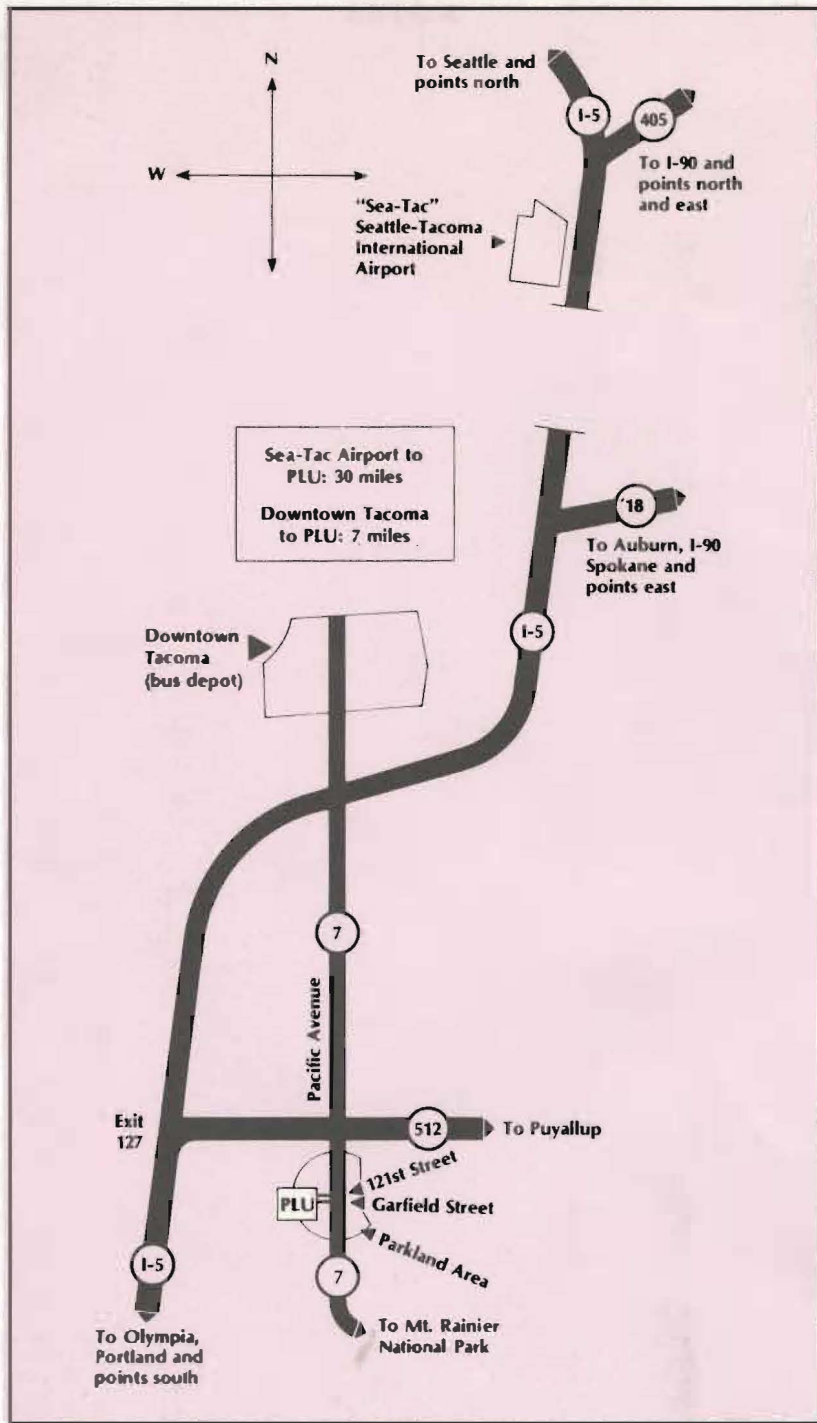


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# REGISTRATION FORM

MR. MISS MRS. Your name: \_\_\_\_\_  
Last First MI Maiden Semester/Term

SOC. SEC. NUMBER \_\_\_\_\_ **PLEASE PRINT** Current Date \_\_\_\_\_

SYSTEM CODE NO.	AUDITS/REPEATS	DEPT.	COURSE NO.	SEC.	COURSE CREDIT	MON	TUE	WED	THU	FRI	SAT

▲ AUDITING? INDICATE "A" - REPEATING? INDICATE "R"

★ IF YOU ARE CURRENTLY ATTENDING PLU AND IF YOUR ADDRESS REMAINS UNCHANGED YOU NEED NOT COMPLETE THE REMAINDER OF THIS FORM. ★  
**ADDRESS WHILE AT PLU** **PERMANENT ADDRESS**

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 \_\_\_\_\_  
 City State Zip  
 \_\_\_\_\_  
 Telephone No \_\_\_\_\_  
 DATE OF BIRTH \_\_\_\_\_  
 HAVE YOU TAKEN CLASSES AT PLU BEFORE?  YES  NO  
 IF YES WHEN? \_\_\_\_\_  
 ARE YOU A 4-YEAR COLLEGE GRADUATE?  YES  NO  
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 (Sex) \_\_\_\_\_ (SSN) \_\_\_\_\_  
 (Permanent Home Address) \_\_\_\_\_ (Zip) \_\_\_\_\_ (Date of Birth) \_\_\_\_\_ (Area Code) (Phone) \_\_\_\_\_

Housing Requested For:  
 Early Session, May 27-June 20  Mid-Session, July 21-25 only  
 First Session, June 23-July 18  Sessions I & II, June 23-August 22  
 Second Session, July 28-August 22  Early, First & Second, May 27-August 22

Do you smoke? \_\_\_\_\_ Would you prefer a single room if available? \_\_\_\_\_ (See page 31 for rates.)

Please return this card 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 to you a confirmation card.

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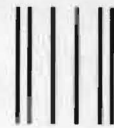


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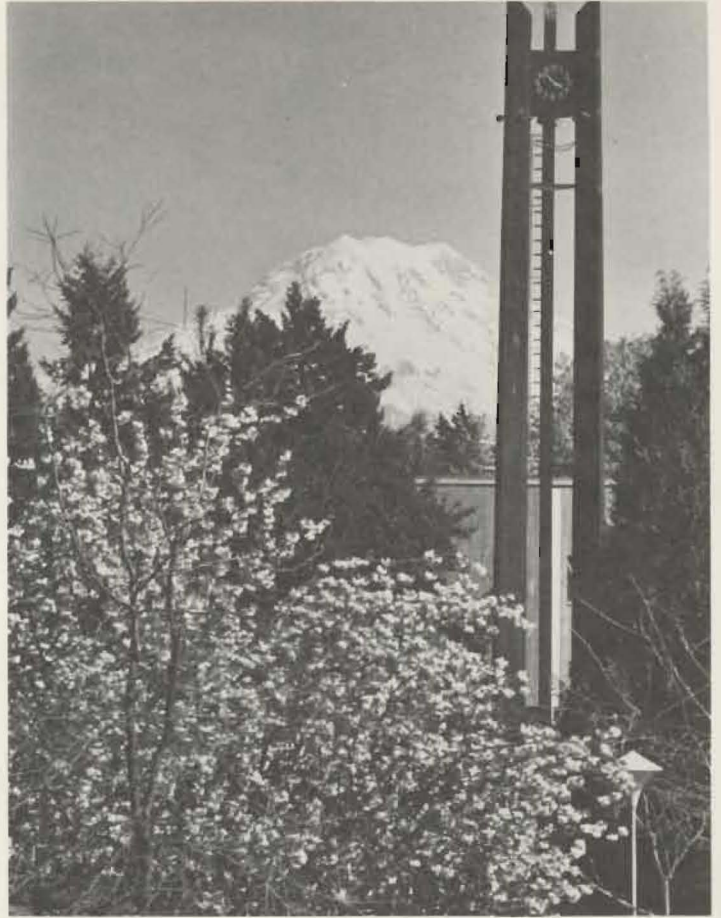


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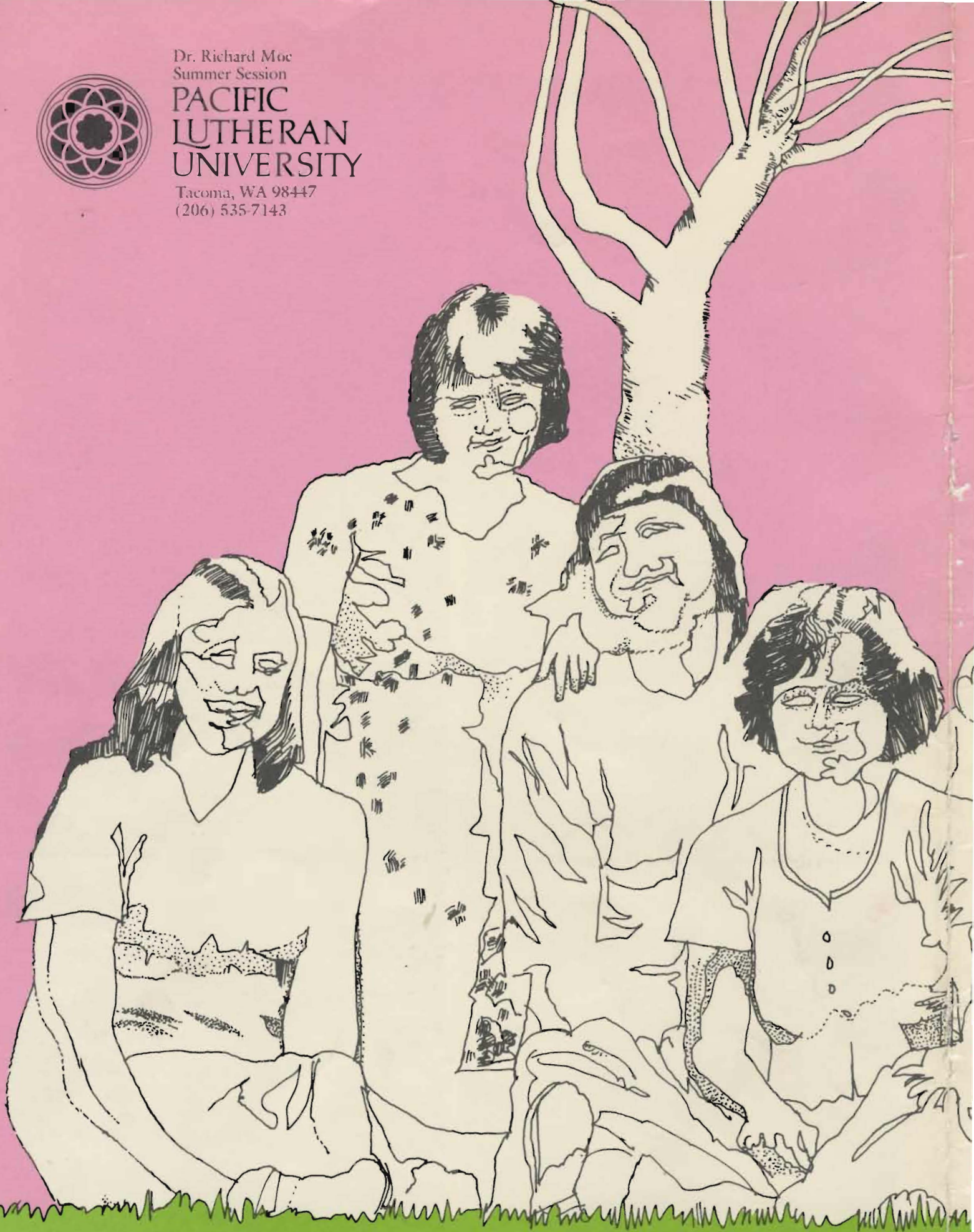






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