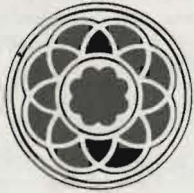


A TIME FOR GROWTH!



PACIFIC
LUTHERAN
UNIVERSITY

Tacoma, WA 98447
(206) 535-7143

1985
SUMMER SESSION
CATALOG

Pre-Session —
June 17-21

Session One —
June 24-July 19

Mid-Session —
July 22-26

Session Two —
July 29-August 23



Registration Form
Inside Back Cover

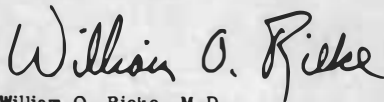
A MESSAGE FROM THE PRESIDENT

Welcome to Summer Session 1985!

Summer offers a particularly fine opportunity to continue, begin, or enhance your education. The curriculum has been developed carefully to provide a broad range of selections. I invite you to consider seriously the many options available.

The campus environment is very appealing during the summer season. Grounds and surroundings are conducive to intense study; the pace is busy but relaxed; and the community is eager to offer services and assistance to help make your term pleasant and productive.

I look forward to greeting you on the campus.



William O. Rieke, M.D.
President



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, 1985 Summer Session Catalog

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, director 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 arranged by the department and approved by the chairperson, director 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.

- Indicates an Experimental Course
- Indicates an Evening Course

HA	Hauge Administration Building
IN	Ingram
E	Eastvold
MG	Memorial Gym
EC	East Campus
I	Ingram Hall
L	Library
M	Math Building
X	Xavier Hall
O	Olson Auditorium
O-FH	Olson Field House
S	Rieke Science Center
N	Names Fitness Center

M	Monday
T	Tuesday
W	Wednesday
R	Thursday
F	Friday
S	Saturday
SU	Sunday



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ANTHROPOLOGY

Phone: (206) 535-7298

230 PEOPLES OF THE NORTHWEST COAST (2)

SCN: 802230

Pre-Session: June 17 - 21

Surveys the original inhabitants of the Northwest coast from Oregon through South-eastern Alaska, from pre-contact to the present time. Examines (1) the traditional life of those native Americans, including their art, economy, belief system and political system; (2) the changes that occurred due to early contacts with governments, missionaries, and business people; and (3) those societies today, as well as sovereignty fights, Alaska land claims, British Columbian laws, and the Boldt decision in their native contexts. \$10 film fee. 9:00 a.m. - 4:00 p.m., MTWRF. X-112. Instructor: L. Klein.

260 PEOPLES OF THE WORLD (2)

● SCN: 802260

Mid-Session: July 22 - 26

Why do other peoples often strike us as 'weird' or 'evil' or at least a bit odd? Why don't we non-judgementally view others as just "different"? This workshop focuses on how we learn to understand (or misunderstand) peoples of other countries and/or other ways of life. Through films, guest speakers, discussions and readings, we will explore other cultures, examine our reactions to them, and develop our own guidelines for dealings with global cultural diversity. \$10 film fee. 9:00 a.m. - 4:00 p.m., MTWRF. X-112. Instructor: G. Guldin.

401 CHINA BEYOND THE GREAT WALL (4)

● SCN: 802401 (4)

802402 (no credit)

May 30 - June 18

A three-week tour of the exotic and unfamiliar regions in central and west China, as well as the more familiar east. Visit several points along Marco Polo's "Silk Road" and the far west as well, where China exhibits strong Indian, Persian and European influences. Tour cities as new as Hong Kong, and study some of the oldest Buddhist shrines in China. Of particular interest to those interested in art and culture. May be taken for academic credit. For more information, write: Global Studies Program, Pacific Lutheran University, Tacoma WA 98447, or call (206) 535-7661. Instructor: G. Guldin.

ART

Phone: (206) 535-7573

230/330 CERAMICS (4)

□ SCN: 804230
804330

Session I-II: June 24 - August 22

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 prereq-

uisites; 230 must be taken before 330. \$30 materials fee. 6:30 - 9:30 p.m., TR. IN-144. Instructor: A. Gary.

238/338 GLASS WORKSHOP (4)

SCN: 804238
804338

Session I: June 24 - July 19

A survey of glassworking techniques and materials. Integrates an awareness of historical stained glass, its origins, cultural influences directing its evolution, and a familiarity with new technology. Acquire basic skills as well as the development of design concepts. Problems include leaded, fussed 3-D, kiln-fired, and sandblasted techniques. Students encouraged to use imagination and creativity in the development of original solutions. Materials fee \$30; no text required. 9:00 a.m. - 12:00 noon, MTWRF. IN-134B. Instructor: M. Gulsrud.

262/382 LANDSCAPE DRAWING (4)

SCN: 804262
804362

Session II: July 29 - August 23

A studio class using both natural and man-made landscape forms as subject for creative ideas. Both traditional and contemporary directions studied. Students will use both dry and wet media; drawing excursions may be taken. No prerequisites. Materials fee of \$5 for special paper. 9:00 a.m. - 12:00 p.m., MTWRF. IN-126. Instructor: P. Clinton.

267/367 WATERCOLOR/ILLUSTRATION (4)

● SCN: 804267
804367

Session I: June 24 - July 19

Watercolor is a free and spontaneous medium. Because of its immediate character and natural atmospheric qualities, it has long been a favorite of artists and illustrators alike. This course will cover the traditional fine art application as well as commercial techniques, using both brush and airbrush. No previous art experience necessary for 267. Materials fee: \$30. 8:00 - 11:00 a.m., MTWRF. IN-126. Instructor: D. Cox.

324/424 COLOR PHOTOGRAPHY (4)

SCN: 804324
804424

Session I: June 24 - July 19

A practical course exploring the issues of contemporary color photographers. Explore the creative potential of the technology: processing slides and negative film, and printing from negatives. A survey history of color photography with an emphasis on the perspectives of contemporary color photographers. Demonstrations, labs, critiques, and gallery tours to local Tacoma and Seattle art galleries. Familiarity with a camera and basic black and white processing is necessary. 1:00 - 4:00 p.m., MTWRF. IN-134A. Instructor: B. Geller.

BIOLOGY

Phone: (206) 535-7561

112 HUMANISTIC BOTANY (4) SCN: 806112

Session I: June 24 - July 19

An introduction to the basic principles of biology with an emphasis on plants and their impact on people. Major topics include: useful plants; poisonous plants; medicinal plants, including narcotic and hallucinogenic plants; food plants and organic gardening; and plant propagation. Includes laboratory; no prerequisites; satisfies general university requirements. 8:25 a.m. - 12:30 p.m., MTWRF. S-130. Instructor: M. Crayton.

201 INTRODUCTION TO MICRO-BIOLOGY (4) SCN: 806201

Session I: June 24 - July 19

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. Prerequisites: Chem 103 or consent of instructor. 8:25 a.m. - 12:30 p.m., MTWRF. S-126. Instructor: A. Gee.

205 HUMAN ANATOMY & PHYSIOLOGY (4) SCN: 806205

Session I: June 24 - July 19

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.; lab, 12:30 - 3:15 p.m., MTWR; lab, TWR. S-132. Instructor: J. Lerum; T. Carlson.

206 HUMAN ANATOMY & PHYSIOLOGY (4) SCN: 806206

Session II: July 29 - August 23

Continuing class from Bio 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. For further information, contact Jerrold Lerum, Dept. of Biology, (206) 535-7566. Prerequisite: successful completion of Bio 205 or its equivalent. 8:00 - 10:45 a.m.; lab, 12:30 - 3:15 p.m., MTWR; lab, TWR. S-132. Instructor: J. Lerum; T. Carlson.

351 NATURAL HISTORY OF THE PACIFIC NORTHWEST (6) SCN: 806351

Session I: June 24 - July 19

For course description, see Earth Sciences, p. 7. 9:00 a.m. - 4:00 p.m., MTWRF. S-105. Instructor: B. Ostenson; J. Scarce.

490 WORKSHOP IN NATURAL HISTORY OF THE PACIFIC NORTHWEST (2-4)

SCN: 806490 (2)
806491 (3)
806492 (4)

Session I: June 24 - July 19

For course description, see Earth Sciences, p. 7. 9:00 a.m. - 4:00 p.m., MTWRF. S-105. Instructor: B. Ostenson; J. Scarce.

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

Pre-Session: June 17 - 21

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. Following introductory materials on campus Monday, June 17 at 9:00 a.m. in RS-130, transportation provided to the field station. Return transportation provided June 21. Bring sleeping bag, towels, toiletries, etc. For further details, contact Dr. David Hansen, Dept. of Biology, (206) 535-7565.

593 FIELD BIOLOGY WORKSHOP: ECOLOGY OF NORTHWEST BEACHES (4) SCN: 806593

June 17-22, June 29-30, July 6-7,
July 20-21

A comprehensive introduction to the ecology of Washington's intertidal communities. Required coursework includes overnight field trips to the Olympic Peninsula, survey of South Puget Sound Beaches, quizzes, take-home exam, and final exam. Meet in Rieke Science Center rm. 131 at 9:00 a.m. for first day of class. Sleeping bag, field clothes, etc. required. Itinerary is:

June 17-18: on-campus and local field trips
June 19-22: Olympic Peninsula Beaches (three nights and four days)
June 29,30: South Puget Sound
July 6-7: on-campus
July 20-21: Olympic Peninsula (depart Friday p.m.; return Sunday p.m.)
July 26: Exams due

For further information, contact Dr. Richard McGinnis or Biology Dept. Secretary, Department of Biology, Pacific Lutheran University, Tacoma WA 98447, or phone (206) 535-7561. \$50 food and transportation fee. 8:00 a.m. - 5:00 p.m., S-131. Instructor: R. McGinnis.

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. \$20 charge for food. 8:00 a.m. - 5:00 p.m., MTWRF. S-130. Instructor: D. Hansen.



BUSINESS ADMINISTRATION

Phone: (206) 535-7252

MBA: (206) 535-7250

Eligibility Card Required for Enrollment

230 LAW AND SOCIETY (4) SCN: 808230

Session I: June 24 - July 19

The legal system in the United States and the regulations 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. 9:00 a.m. - 12:15 p.m., MTWR. HA-215. Instructor: D. McDonald.

281 FINANCIAL ACCOUNTING (4) SCN: 808281

Session I: June 24 - July 19

Introduction to accounting concepts and principles. Preparation and analysis of financial reports. 9:00 a.m. - 12:15 p.m., MTWR. HA-213. Instructor: C. Purdv.

282 MANAGEMENT ACCOUNTING (4) SCN: 808282

Session II: July 29 - August 23

Introduction to management accounting information systems. Emphasis on the analysis and interpretation of accounting and economic data and their use in planning, control, and decision making. Prerequisite: BA 281. 9:00 a.m. - 12:15 p.m., MTWR. HA-215. Instructor: Staff.

350 MANAGEMENT (4) SCN: 808350

June 3 - July 11

Critical examination of the principles and processes of administration. Management techniques and the functions of planning, organizing, direction and control from both the classical and the behavioral points of view. Concepts and characteristics of the production function. Introduction to case analysis and problem-solving techniques. Prerequisites: Econ 150, Stat 231 (may be concurrent) and BA 281; junior standing. 6:00 - 10:00 p.m., MR. HA-221. Instructor: Staff.

354 HUMAN RESOURCES MANAGEMENT (4) SCN: 808354

July 15 - August 22

Detailed examination of behavioral processes of individuals and groups in business organizations. Emphasis on policy issues and specific problems in managing human resources with focus on modern practices of industrial relations and personnel management in industrial and other organizations. Prerequisites: BA 350; junior standing. 6:00 - 10:00 p.m., MR. HA-209. Instructor: M. Wood.

364 MANAGERIAL FINANCE (4) SCN: 808364

Session I: June 24 - July 19

Concentrated study of the tools of financial analysis: funds and cash flows, critical analysis of financial statements and other financial information, techniques of financial planning and budgeting, and the concepts related to capital expenditure budgeting, and the cost of capital. An introduction to financial strategies and decision-making for financing, expansion and dividend policies. Prerequisites: CS 220 or equivalent, Econ 150, Math 128 or equivalent, Stat 231 and BA 281; junior standing. 9:00 a.m. - 12:15 p.m., MTWR. HA-217. Instructor: J. Wahlen.

370 MARKETING (4) SCN: 808370

June 3 - July 11

Flows of goods and services in the economy, economic and behavioral approaches to the analysis of demand; the role of marketing functions in a business firm. Determination of a marketing mix -- product policy, pricing, channels of 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-210. Instructor: S. Thrasher.

455 BUSINESS POLICY (4) SCN: 808455

Session II: July 29 - August 23

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, 370; senior standing. 9:00 a.m. - 12:15 p.m., MTWR. HA-217. Instructor: R. Nibler.

490 EUROPEAN MARKETING TOUR (4) SCN: 808490

June 3 - July 26

An applications, oriented introduction to the specialized field of international marketing. Visit 11 business firms in 9 European nations. Companies visited are involved in one or more of the "four Ps" of marketing: product, price, place & distribution, and promotion. Both consumer and industrial products are included. U.S. International Trade Administration representatives provide a discussion of each nation's business and economic climate. For more detailed information, contact Dr. David McNabb, (206) 535-7301. Prerequisite: BA 370 or permission of instructor. Instructor: D. McNabb.

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

June 3 - July 11

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: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-209. Instructor: J. Wahlen.

520 PROGRAMMING FOR MANAGERS (4) SCN: 808520

June 4 - August 20

Computer programming including branching, looping, subscripts, input/output, character manipulation, subroutines, file manipulations, data storage and retrieval. Advanced work with software packages. Prerequisite: BA 503. Tuition: \$185 per semester hour. 6:00 - 10:00 p.m., TR, June 4 - June 20; Tuesday, June 25 - July 30. HA-211. Instructor: L. Edison.

550 ORGANIZATIONAL BEHAVIOR & ENVIRONMENT (4) SCN: 808550

July 15 - August 22

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: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-217. Instructor: Staff.

555 BUSINESS STRATEGY & POLICY (4) SCN: 808555

June 3 - July 11

An integrated management approach based on decision-making analysis in complex cases and comprehensive field situations. Advanced readings and library research integrate concepts of management and business functions including consideration of legal, social, and international aspects of the business environment. Prerequisites: BA 551, 564, and 570, any one of which may be taken concurrently with 555. Tuition: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-217. Instructor: S. Barndt.

582 ACCOUNTING INFORMATION & CONTROL (4)

SCN: 808582

July 15 - August 22

Applications of accounting information, services and systems to management problems. Prerequisites: BA 501 and 503. Tuition: \$185 per semester hour. 6:00 - 10:00 p.m.; MR. HA-213. Instructor: Staff.

590 SEMINAR: ISSUES IN BUSINESS ACQUISITIONS (4)

SCN: 808590

July 15 - August 22

Examination of the various business and legal issues arising in the acquisition and sale of businesses and income-producing assets. Tuition: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-215. Instructor: Staff.

CHEMISTRY

Phone: (206) 535-7530

104 ENVIRONMENTAL CHEMISTRY (4)

SCN: 810104

Session I: June 24 - July 19

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, cosmetics and drugs). Preparatory to Chem 105 or Chem 115 for those lacking high school chemistry. Meets general university core requirements. 8:00 - 10:45 a.m., MTWR, S-220; lab, 12:30 - 3:15 p.m., TR, S-201. Instructor: W. Giddings.

105 CHEMISTRY OF LIFE (4)

SCN: 810105

Session II: July 29 - August 23

General, organic, and biochemistry pertinent to chemical processes in the human organism; suitable for 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, S-220; lab, 1:00 - 3:30 p.m., TR, S-201. Instructor: C. Anderson.

321 ANALYTICAL CHEMISTRY (4)

SCN: 810321

Session II: July 29 - August 23

Chemical methods of quantitative analysis, including volumetric, gravimetric, and selected instrumental methods. Prerequisites: Chem 116, Math 133. 8:00 - 10:45 a.m., MTWR, S-224; lab, 12:30 - 3:15 p.m., lab, MTWR, S-201. Instructor: L. Huestis.

COMMUNICATION ARTS

Phone: (206) 535-7762

123 FUNDAMENTALS OF COMMUNICATION (4)

SCN: 812123

Session I-II: June 24 - August 21

Foundations course that introduces the student to a variety of communication contexts. Emphasizes three areas: communication concepts, interpersonal communication and public speaking. 6:30 - 9:30 p.m., MW, HA-211. Instructor: D. Heacock.

330 PUBLIC SPEAKING (4)

SCN: 812330

Session II: July 29 - August 23

Focus on a variety of speaking situations and presentational methods. Topics vary according to the skill level of course participants. Potential topics include audience analysis, technical reporting, using visual aids, and persuasion. Open to both majors and non-majors. 9:30 a.m. - 12:15 p.m., MTWRF, HA-211. Instructor: G. Wilson.

359 ACTING FOR THE NON-ACTOR (4)

SCN: 812359

Session II: July 29 - August 23

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, MG-205. Instructor: W. Becvar.

447 THEATRE NORTHWEST (2)

SCN: 812447

Mid-Session: July 22 - 26

Designed to acquaint you with the professional theatre scene in the Northwest and in the Seattle area in particular. Class attends plays and dance programs; tours Seattle theatre in the evening. Students should be prepared to buy five theatre tickets. 6:30 - ?, MTWRF, HA-216. Instructor: W. Parker.

458 CREATIVE DRAMATICS (4)

SCN: 812458

Session I: June 24 - July 19

Designed to acquaint the student with materials, techniques, and theories of creative dramatics through participation. Intended for elementary and junior high school teachers or prospective teachers, theatre majors, religious leaders, youth and camp counselors, day care workers, social and psychological workers, and community theatre leaders interested in working with children. 9:30 a.m. - 12:15 p.m., MTWRF, MG-205. Instructor: W. Parker.

COMPUTER SCIENCE

Phone: (206) 535-7400

110 BASIC I (2)

SCN: 814110

Session I: June 24 - July 19

Introduction to interactive computing, branching, looping, subscripts, functions, input/output, subroutines and simple file techniques in the context of the BASIC language. CS 110 and 220 may not both be taken for credit. Prerequisite: high school algebra. 2:00 - 3:15 p.m., MTWRF, M-112. Instructor: J. Brink.

110 BASIC I (2)

SCN: 814111

Session II: July 29 - August 23

See course description above. Prerequisite: high school algebra. 9:30 - 10:45 a.m., MTWRF, M-112. Instructor: G. Peterson.

144 INTRODUCTION TO COMPUTER SCIENCE (4)

SCN: 814144

June 17 - July 25

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. 6:30 - 9:30 p.m., MTR, M-112. Instructor: J. Brink.

210 COMPUTER INFORMATION SYSTEMS (2)

SCN: 814210

Session II: July 29 - August 23

Computer systems and their uses in communication, 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. CS 210 and 220 cannot both be taken for credit. Prerequisite: Math 128 or Stat 231. 11:00 a.m. - 12:15 p.m., MTWRF, M-112. Instructor: G. Peterson.

270 DATA STRUCTURES (4)

SCN: 814270

July 15 - August 23

Continuation of Pascal programming techniques, and a study of basic data structures including linked lists, tree, queues, stacks and graphs. Applications of these forms to sorting, searching and data storage will be made. Prerequisite: CS 144. 9:00 - 10:45 a.m., MTWRF, MG-003. Instructor: H. Bandy.

501 COMPUTER EDUCATION I (4)
SCN: 814501

July 22 - August 23

An introduction to computer science for secondary teachers. Topics include history of computing, introduction to computer organization, algorithm design, structured programming techniques. The Pascal programming language will be used, covering topics through arrays and procedures. May not be counted toward major or minor in computer science. Prerequisite: college Algebra (such as Math 133) and consent of instructor. 11:00 a.m. - 12:45 p.m., MTWRF. MG-003. Instructor: H. Bandv.

590 SEMINAR: COMPUTER SECURITY (4)
SCN: 814590

June 3 - July 11

Introduction to software approaches to computer security including access controls, information flow controls, security evaluation techniques and cryptography. In addition, hardware approaches to computer security will be reviewed. Prerequisite: knowledge of a computer language such as Pascal, Fortran, Cobol or C and basic mathematic skills. 9:00 - 10:45 a.m., MTWRF. S-220. Instructor: R. Spillman.

EARTH SCIENCES
Phone: (206) 535-7563

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

Session I: June 24 - July 19

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. For more information, contact Dr. B. Ostenson, (206) 535-7563. Prerequisite: at least one science course. \$25 travel fee. 9:00 a.m. - 4:00 p.m., MTWRF. S-105 and off-campus sites. Instructors: B. Ostenson; J. Searce.

425 GEOLOGICAL FIELD MAPPING (5)
SCN: 818425

July 22 - August 23

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. Non-refundable registration fee of \$25 is fully applicable toward tuition. Food and lodging costs for five weeks are \$520. For itinerary and further details, write: Pacific Lutheran University, Dept. of Earth Sciences, Tacoma WA 98447. 8:00 a.m. - 4:45 p.m., MTWRF. S-108; mostly off-campus locations. Instructors: B. Lowes; S. Benham.

490 WORKSHOP IN NATURAL HISTORY OF THE PACIFIC NORTHWEST (2-4)
SCN: 818490 (2)
818491 (3)
818492 (4)

Session I: June 24 - July 19

Natural history workshop for those who have taken Bio/Earth Sci 351 or equivalent. Development of your individualized plan for special phases/more extensive detail involving field collections, classroom applications, or other extension of Bio/Earth Sci 351. Credits granted individually according to time and effort involved. Scholarships may be available to Washington teachers. Independent study card required; see department. Prerequisites: Bio/Earth Sci 351 and permission of instructor. 9:00 a.m. - 4:00 p.m., MTWRF. S-105. Instructors: B. Ostenson; J. Searce.

542 ENERGY WORKSHOP (2)
SCN: 818542

June 17 - 28

A survey of the world's energy resources with special reference to North America. Topics considered include fossil fuels, solar, nuclear, geothermal, hydropower, wind, conservation; the fundamental technologies and economic positions of these resources and the political framework within which the resources are being developed; the rate of use of resources and the concept of renewable resources and a steady-state economy. Classroom materials and instruction in the use of the Energy Environment Simulator are available for primary and secondary teachers; two field trips to nuclear plants, coal mines, solar homes, or hydropower dams will be taken. Previous science courses not required. K-12 teachers are eligible to apply for tuition grants supported by Shell Oil. For further information, write Dr. John Herzog, Div. of Natural Sciences, Pacific Lutheran University, Tacoma Wa 98447. 9:00 a.m. - 12:00 noon and 2 afternoon field trips., MTWRF. S-103. Instructor: W. Youngquist; J. Herzog.



ECONOMICS

Phone: (206) 535-7597

231 INTRODUCTORY STATISTICS (4) SCN: 820231

Session I: June 24 - July 19

See Statistics 231 on page 21 for course description. 8:00 - 10:45 a.m., MTWRF. EC-34. Instructor: R. Jensen.

331 INTERNATIONAL ECONOMICS (4) SCN: 820331

Session I: June 24 - July 19

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. Instructor: D. Vinje.

361 MONEY AND BANKING (4) SCN: 820361

Session II: July 29 - August 23

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., MTRF. HA-209. Instructor: E. Ankrim.

500 APPLIED STATISTICAL ANALYSIS (4)

□ SCN: 820500

June 3 - July 11

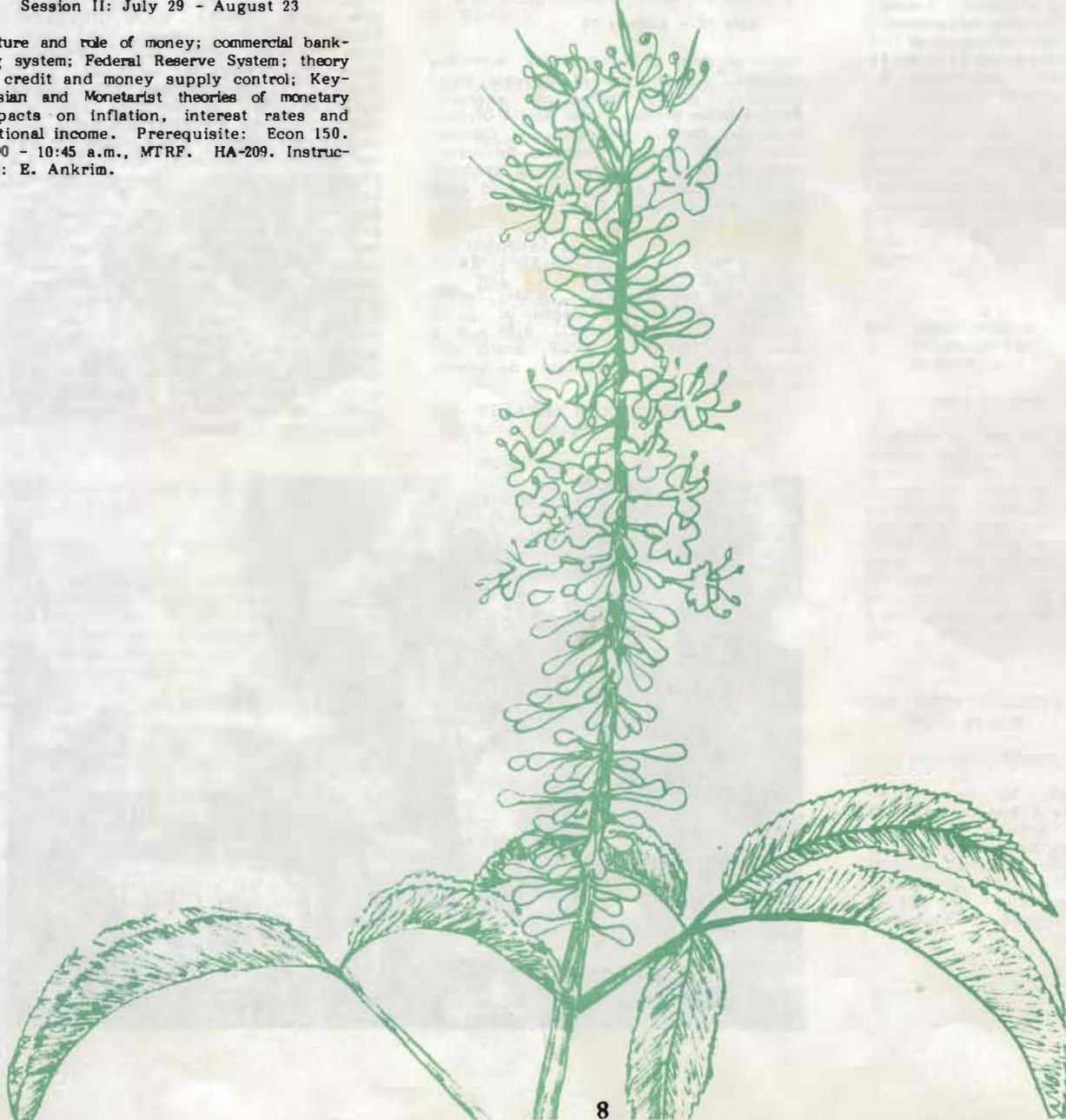
Intensive introduction to statistical methods for graduate students who have not previously taken Introductory Statistics. Emphasis on application of inferential statistics to concrete situations. Topics include measures of location and variation, probability, estimation, hypothesis tests, and regression. Will not count for Statistics Minor. Eligibility card required. Tuition: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-213. Instructor: R. Jensen.

504 ECONOMIC ANALYSIS AND POLICY DECISIONS (4)

□ SCN: 820504

June 3 - July 11

Basic economic concepts applied to policy formation and operating decisions. Eligibility card required. Tuition: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-215. Instructor: D. Vinje.



EDUCATION

Phone: (206) 535-7272

(Note: Educational Psychology and Special Education have a separate course numbering system and are found after the Education courses listed below.)

325 READING IN THE ELEMENTARY SCHOOL (4) SCN: 824325

Session I: June 24 - July 19

Teaching reading in elementary grades, including modern approaches, materials, methods, techniques, procedures, and some diagnosis of reading difficulties. Prerequisite: Ed 322/323/324 or teaching experience. 9:30 a.m. - 12:15 p.m., MTWRF. EC-16. Instructor: A. Lawrence.

408 LANGUAGE ARTS IN THE ELEMENTARY SCHOOL (2) SCN: 824408

Session II: July 29 - August 23

The functional teaching of communication skills, grades K-6; areas include oral and written expression, listening, reading literature, handwriting, children's language study, vocabulary development, and lexicography. 8:00 - 9:15 a.m., MTWRF. HA-216. Instructor: J. Hays.

410 SCIENCE IN THE ELEMENTARY SCHOOL (2) SCN: 824410

Session I: June 24 - July 19

A humanistic approach with emphasis on those kinds of materials and "hands on" activities needed to achieve the objectives of science. Prerequisite: Ed 322/-323/324 or teaching experience. 9:30 - 10:45 a.m., MTWRF. EC-22. Instructor: L. Stein.

412 SOCIAL STUDIES IN THE ELEMENTARY SCHOOL (2) SCN: 824412

Session I: June 24 - July 19

Objectives, materials and methods of teaching the social studies. Prerequisite: Ed 322/323/324 or teaching experience. 8:00 - 9:15 a.m., MTWRF. HA-216. Instructor: D. Sydnor.

420 PROBLEMS OF READING IN THE SECONDARY SCHOOL (2) SCN: 824420

Session II: July 29 - August 23

Teaching secondary reading in content areas; attention to developmental reading problems; materials, methods, techniques and procedures. Prerequisite: Ed 251. 9:30 - 10:45 a.m., MTWRF. HA-213. Instructor: J. Hays.

451 ADMINISTRATION OF THE SCHOOL LIBRARY (2) SCN: 824451

Session I: June 24 - July 19

Library organization and administration in elementary and secondary schools. 9:30 - 10:45 a.m., MTWRF. Library-106. Instructor: C. Yetter; K. Lemmer.

452 BASIC REFERENCE MATERIALS (2) SCN: 824452

Session I: June 24 - July 19

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. Library-106. Instructor: C. Yetter.

453 PROCESSING SCHOOL LIBRARY MATERIALS (2) SCN: 824453

Session II: July 29 - August 23

Classification, cataloging, and technical processing of materials. 12:30 - 1:45 p.m., MTWRF. Library-106. Instructor: Robinson.

454 SELECTION OF LEARNING RESOURCE MATERIALS (2) SCN: 824454

Session II: July 29 - August 23

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. 11:00 a.m. - 12:15 p.m., MTWRF. Library-106. Instructor: Hazelton.

456 STORYTELLING (3) SCN: 824456

Session II: July 29 - August 23

A combination of discovery and practicum in the art of storytelling. Investigates the values and background of storytelling, the various types and forms of stories, techniques of choosing and of telling stories. Some off-campus practice. Demonstrations and joint storytelling by and with instructor. 8:00 - 10:45 p.m., MTWRF. HA-206A. Instructor: K. Wellner.

457 PREPARATION & UTILIZATION OF MEDIA (3-4) SCN: 824457 (3) 824458 (4)

June 24 - July 26

The production and use of a variety of instructional materials, flat pictures, charts, maps and the 35mm camera; you produce items useful in instruction. Lab fee: \$10. 12:30 - 3:15 p.m., MTWRF. Library Media Lab. Instructor: L. Stein.

467 EVALUATION (2) SCN: 824467

Session II: July 29 - August 23

Evaluation of school experiences; problems in development, organization and administration of tests (standardized and teacher-made). Required of fifth-year students. Prerequisites: Ed 425. 11:00 a.m. - 12:15 p.m., MTWRF. HA-204A. Instructor: W. Hunt.

483 PRIMARY READING (2) SCN: 824483

July 29 - August 9

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-117. Instructor: A. Mallon.

501A CIVIL LIBERTIES WORKSHOP (3-4) SCN: 824001 (3) 824023 (4)

May 28, 29, 30, June 3, 5, 6, June 10, 12, 13, 17, 19, 20

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., MWR. HA-117. Instructor: C. DeBower; D. Atkinson.

EDUCATION

Phone: (206) 535-7272

501B MULTICULTURAL EDUCATION WORKSHOP (2) SCN: 824002

Pre-Session: June 17 - 21

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 or developed; 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. Instructor: D. Sydnor; J. Bermingham.

501C ECONOMIC EDUCATION FOR ELEMENTARY TEACHERS (2) SCN: 824003

Pre-Session: June 17 - 21

Workshop for elementary teachers to improve economic understanding and instructional skill. Examines a wide variety of curriculum materials, provided without charge to the participants. Included: Book Company; Classroom Marketplace; and Tradeoffs, a series of audio visual programs designed to improve elementary student economic knowledge and decision making. Partial scholarships available for 20 teachers; for application forms call Dr. D. Wentworth, (206) 535-7597. 8:30 a.m. - 4:00 p.m., MTWRF. HA-212. Instructor: R. Reinke.

501D INTRODUCTION TO SCHOOL LIBRARY MEDIA CENTERS (1) SCN: 824004

Pre-Session: June 17 - 21

Introduction to the major areas of responsibility for school library media center personnel. Overview of the current activities and trends that will affect school library media centers. Students visit media centers and hear elementary/secondary librarians discuss their programs. 9:00 a.m. - 12:00 noon, MTWRF. Library-106. Instructor: C. Yetter.

501E INTERNATIONAL CONFERENCE: CREATING OUR FUTURE IN EDUCATION (2) SCN: 824005

Pre-Session: June 18 - 21

An international conference featuring leaders who are recognized world-wide, including Marilyn Ferguson, Tony Buzan, Bernice McCarthy, Bob Samples, Johnson and Johnson, R.P. Carkhuff, David and Cheryl Aspy, Louis Machado. The conference will provide an opportunity for participants to become actively involved in a variety of approaches to teaching and learning, integrating both hemispheres of the brain. Brochures available; write School of Education, Pacific Lutheran University, Tacoma WA 98447. Registration, board and room \$295 prior to May 1; higher registration fee after that date. All day, TWRP. Western Washington University. Instructor: M. Hanson.

501F TEACHING STUDENTS STRUCTURED BASIC PROGRAMMING (1) SCN: 824006

June 24 - 28

For 3rd-8th grade teachers who want to teach their students how to program a microcomputer in the BASIC language. Learn the elements of teaching BASIC through a teacher-written curriculum designed for elementary and middle school students. Apple microcomputers are used; curriculum is also available for PET, Atari, and Commodore 64 micros. Prerequisite: prior knowledge of microcomputer applications and operations is very helpful. **User and material fee: \$15.** 12:30 - 3:30 p.m., MTWRF. Library-Computer Center. Instructor: S. Boren.

501G TEACHING PHILOSOPHY TO CHILDREN: BASIC WORKSHOP (2-3) SCN: 824007 (2) 824008 (3)

June 24 - July 5

For course description, see Philosophy 501A, p. 17. 9:00 a.m. - 4:00 p.m., MTWRF. HA-221. Instructor: D. Cannon.

501H CLASSROOM MANAGEMENT AND DISCIPLINE (2) SCN: 824009

June 24 - July 5

Workshop for preservice and inservice teachers interested in developing strategies for creating a classroom climate conducive to learning and social development. Topics for discussion will include recent research on school effectiveness, teacher expectations, teacher modeling, and classroom management systems which minimize inappropriate behaviors and discipline problems. 1:00 - 2:30 p.m., MTWRF. HA-211. Instructor: D. Sydnor.

501J ORIENTING THE CLASSROOM TEACHER TO THE WORLD OF THE MICROCOMPUTER (2) SCN: 824010

June 24 - July 5

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. **User & materials fee: \$20.** 8:30 - 11:30 a.m., MTWRF. Library Computer Center. Instructor: S. Boren.

501K MIDDLE SCHOOL & JUNIOR HIGH SCHOOL SCIENCE (3-4) SCN: 824011 (3) 824012 (4)

Session I: June 24 - July 19

Topics include activities for investigating marine and fresh water biology, ecology, and environmental studies. Hands-on materials will be produced by students to use in their own classrooms. Field trips included. 2:00 - 4:45 p.m., MTWRF. S-220. Instructor: M. Churney.

501L PROGRAMMING COMPUTER-ASSISTED INSTRUCTION WITH PILOT (1) SCN: 824013

July 1 - 5

PILOT (Programmed Inquiry, Learning or Teaching) is a computer programming language designed for educators. Available for most major microcomputers, PILOT allows teachers to prepare interactive programs with a minimum of programming experience and math background. Participants will learn the ingredients necessary for high quality educational software and then develop their own computerized lessons using Apple PILOT. Prerequisite: prior knowledge of microcomputer applications and operations is very helpful. **User and material fee: \$15.** 12:30 - 4:00 p.m., MTWRF. Library Computer Center. Instructor: S. Boren.

501M TEACHING PHILOSOPHY TO CHILDREN: ELEMENTARY SCHOOL (1-2) SCN: 824014 (1) 824015 (2)

July 8 - 12

For course description, see Philosophy 501B, p. 17. 9:00 a.m. - 4:00 p.m., MTWRF. HA-221. Instructor: D. Cannon; E. Lyell.

501N TEACHING PHILOSOPHY TO CHILDREN: SECONDARY LANGUAGE ARTS (1-2) SCN: 824016 (1) 824017 (2)

July 8 - 12

For course description, see Philosophy 501C, p. 17. 9:00 a.m. - 4:00 p.m., MTWRF. HA-219. Instructor: D. Cannon; E. Lyell.

**501P MATHEMATICS UNIT
MANAGEMENT SYSTEM:
MUMS WORKSHOP (2)
SCN: 824018**

Mid-Session: July 22 - 26

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 Ed 326. Pass/fail only. 9:00 a.m. - 4:00 p.m., MTWRF. HA-117. Instructor: C. DeBower.

**501Q COMPUTER EDUCATION I (4)
SCN: 824019**

July 22 - August 23

See course description for Computer Science Education, p. 6. 11:00 a.m. - 12:45 p.m., MTWRF. O-105. Instructor: H. Bandy.

**501R ITIP: INSTRUCTIONAL THEORY
INTO PRACTICE (2)
SCN: 824020**

July 29 - August 8

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. M-112. Instructor: B. Jones.

**501S MATHEMATICS THEIR WAY (2)
SCN: 824021**

July 29 - August 9

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*. 12:30 - 3:30 p.m., MTWRF. HA-217. Instructor: J. Fulkerson.

**501T CALCULATORS & COMPUTERS IN
THE ELEMENTARY MATHEMATICS
CLASSROOM (1)
SCN: 824022**

August 19 - 22

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. 1:00 - 5:00 p.m., MTWR. Library Computer Center. Instructor: C. DeBower.



Note: Teachers of Spanish in the elementary or secondary classroom may find helpful courses listed under **Languages** on page 14. See Spanish 451: Spanish Grammar Review, and Spanish 453: Readings in Spanish, each offered for 2 semester hour.



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

Mid-Session: July 22 - 26

Identification and development of supervisory skills for teachers who work with other adults in the classroom. 1:00 - 4:00 p.m., MTWRF. HA-200. Instructor: M. Baughman.

**526 SECONDARY METHODS SEMINAR (2)
SCN: 824526**

Session I: June 24 - July 19

Topics include small and large group instruction, production of learning activity packets, use of photography and video materials and equipment, supporting materials for field trips, and community-oriented projects. Questioning skills are emphasized. Students produce materials to use in their classrooms. 12:00 - 1:45 p.m., MTWRF. S-220. Instructor: M. Churney.

**530 TEACHERS AND THE GIFTED (5)
SCN: 824530**

July 8 - 26

Institute for teachers of "highly capable" students, K-12. Focus on renewal/personal and professional development for teachers of highly capable/gifted students. Emphasis on developing an appropriate curriculum, and strategies for personal growth. Presented by well-known educators; concurrent "Summer Scholars" program will provide appropriate interactions with high school gifted students. Limited enrollment. Contact Dr. Kenneth Johnston, (206) 535-7272, for application information. 9:00 a.m. - 4:00 p.m., MTWRF. EC-10. Instructor: J. Ghosh-Manion.

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

Session I: June 24 - July 19

Knowledge of student and class 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 Ed 467. 8:00 - 9:15 a.m., MTWRF. HA-117. Instructor: F. Olson.

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

Session I: June 24 - July 19

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. Instructor: F. Olson.

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

Session I: June 24 - July 19

For "Project Concept" students only. For course description, see Ed 545A. 9:30 - 10:45 a.m., MTWRF. HA-223. Instructor: Staff.

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

Session II: July 29 - August 23

See Ed 545A for course description. 12:30 - 1:45 p.m., MTWRF. HA-212. Instructor: Staff.

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

July 29 - August 21

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-212. Instructor: F. Warner.

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

Session II: July 29 - August 23

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., MWR. HA-117. Instructor: C. DeBower.

EDUCATION

Phone: (206) 535-7272

555 ADMINISTRATION & SUPERVISION WORKSHOP (2) SCN: 824555

Session II: July 29 - August 23

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. HA-213. Instructor: M. Baughman.

580 CURRICULUM DEVELOPMENT (3) SCN: 824580

Session II: July 29 - August 23

Types of curriculum organizations, programs and techniques of curriculum development. 11:00 a.m. - 1:00 p.m., MTWRF. HA-209. Instructor: E. Goldenstein.

587 HISTORY OF EDUCATION (2) SCN: 824587

Session II: July 29 - August 23

Great educators, educational theories, and educational systems from antiquity to the present. 8:00 - 9:15 a.m., MTWRF. HA-117. Instructor: E. Goldenstein.

589 PHILOSOPHY OF EDUCATION (3) SCN: 524589

Session I: June 24 - July 19

Philosophical and theoretical foundations of education. 11:00 a.m. - 1:00 p.m., MTWRF. E-22. Instructor: Staff.

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

Session I-II: June 24 - August 23

Projects of varying length related to educational issues or concerns of the individual participant and approved by an appropriate faculty member and the dean. Prerequisite: instructor's signature on independent study card prior to registration. TBA.

598 STUDIES IN EDUCATION (2) SCN: 824598

Session I-II: June 24 - August 23

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.

599 THESIS (3-4) SCN: 824599 (3) 824600 (4)

Session I-II: June 24 - August 23

For Master of Arts candidates who elect to write a thesis instead of two research papers. 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. TBA.

EDUCATIONAL PSYCHOLOGY

Phone: (206) 535-7272

501A ALCOHOL & DRUG ABUSE (2) SCN: 826001

Pre-Session: June 17 - 28

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-216. Instructor: J. Phillips.

501B GUIDED IMAGERY FOR COUNSELORS (2) SCN: 826002

Mid-Session: July 22 - 26 plus extended dates (see course description)

A workshop designed to facilitate solving problems, finding deeper levels of self-awareness and increasing abilities for creativeness. The course focus will be to assist counselors and helping personnel to become acquainted with and develop some proficiency in guiding clients in therapeutic imagery. Tapes and process records will be due following the workshop from July 27 - August 9. Individual conferences will be held with each student during the week of August 5. Prerequisite: some counseling experience. 1:00 - 5:00 p.m., MTWRF. HA-216. Instructor: J. Fletcher.

501C CHRISTIAN COUNSELING (2) SCN: 826003

July 29 - August 9

Presents a rationale for making use of the client's religious faith in counseling. Seeks to assist the student counselor to recognize the wholeness of the person as a psychological, physical and spiritual being. Assists in understanding the person and in using the spirituality of that individual in the process of counseling. Addresses emotional and spiritual problems, including the relationships among physical, emotional, and spiritual problems. Methods will be formulated to help clients make use of their religious beliefs in alleviating depression, grief, and guilt. Prerequisite: EdPsy 552 or permission of instructor. 1:00 - 4:00 p.m., MTWRF. HA-109. Instructor: J. Fletcher.

536 AFFECTIVE CLASSROOM TECHNIQUES (2) SCN: 826536

July 29 - August 9

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 - 4:00 p.m., MTWRF. HA-117. Instructor: S. Johnson.

569 CAREER GUIDANCE (4) SCN: 826569

June 24 - July 12

A study of careers, theories of choice, and guidance techniques. 9:00 a.m. - 12:30 p.m., MTWRF. HA-212. Instructor: S. Verharen.

578 BEHAVIORAL PROBLEMS (4) SCN: 826578

July 22 - August 9 plus extended dates (see course description)

Adlerian concepts provide basis for observation, motivation, modification, and life style assessment. Skills for assisting people in developing responsibility for their own behavior is focused. Laboratory will be within the individual's life space. Students have until August 23 to complete the course project. 9:30 a.m. - 12:15 p.m., MTWRF. HA-200. Instructor: J. Fletcher.

SPECIAL EDUCATION

Phone: (206) 535-7277

190 EXCEPTIONAL CHILDREN & ADULTS (3) SCN: 825190

Session I: June 24 - July 19

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. 8:00 - 10:45 a.m., MTWRF. EC-15. Instructors: K. Gerlach; J. Patton.

290 INTRODUCTION TO LEARNING DISABILITIES (3) SCN: 825290

July 29 - August 16

Overview of the field of learning disabilities, including concepts, research practices, early identification, and remediation. 9:30 a.m. - 12:15 p.m., MTWRF. EC-15. Instructor: L. Reisberg.

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

Pre-Session: June 17 - 21

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. 9:00 a.m. - 4:00 p.m., MTWRF. EC-14. Instructor: L. Siegelman.

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

Session I,II: June 24 - August 23

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

403 PARENT/PROFESSIONAL PARTNERSHIP IN SPECIAL EDUCATION (2)
SCN: 825493

Pre-Session: June 17 - 21

Presentation of the techniques for working effectively with parents of handicapped children. Discussion of the placement committee process and of the rights of parents. 9:00 a.m. - 4:00 p.m., MTWRF. EC-15. Instructor: K. Gerlach.

406 CURRICULUM FOR EXCEPTIONAL STUDENTS IN THE SECONDARY SCHOOL (3)
SCN: 825406

July 29 - August 9

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. - 1:45 p.m., MTWRF. EC-16. Instructor: M. Cronin; L. Siegelman.

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

June 24, July 1 only

Emphasis on management of teacher aids and parent and student volunteers in the special education classroom. 4:30 - 8:30 p.m., M. EC-14. Instructor: K. Gerlach.

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

June 24 - July 5

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. 2:00 - 5:00 p.m., MTWRF. EC-15. Instructor: H. Owens.

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

July 8 - July 19

In-depth study in the administration of early childhood programs with emphasis on remediation techniques and interdisciplinary approaches. Prerequisite: SpEd 490 or permission of instructor. 2:00 - 5:00 p.m., MTWRF. EC-15. Instructor: H. Owens.

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

August 12 - 23

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. 2:00 - 4:45 p.m., MTWRF. EC-Microcomputer Center. Instructor: S. Carlson; L. Reisberg.

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

Mid-Session: July 22 - 26

An examination of teaching strategies appropriate for exceptional children in regular classrooms. Emphasis on the needs of exceptional children, program modification, and classroom management. Designed for regular educators. 9:00 a.m. - 4:00 p.m., MTWRF. HA-217. Instructor: F. Hudson.

531 SEVERELY AND PROFOUNDLY HANDICAPPED IN SCHOOL AND SOCIETY (2)
SCN: 825531

Mid-Session: July 22 - 26

Introduction to the physical, social, and educational environments of the severely and profoundly handicapped and the consequent implications for the education and training process. Interdisciplinary concepts, terminology, and instructional models will be examined. 9:00 a.m. - 4:00 p.m., MTWRF. HA-204A. Instructor: H. Owens.

533 SEMINAR IN DEVELOPMENTAL DISABILITIES (2)
SCN: 825533

July 8 - July 19

Current issues and problems related to the education of children and adults with developmental disabilities. 12:30 - 3:30 p.m., MTWRF. EC-14. Instructor: J. Patton.

534 SEMINAR IN BEHAVIOR DISORDERS (2)
SCN: 825534

Mid-Session: July 22 - 26

Current issues and problems related to the education of children and adults with behavior disorders. 9:00 a.m. - 4:00 p.m., MTWRF. HA-209. Instructor: D. Swenson.

535 SEMINAR IN LEARNING DISABILITIES (2)
SCN: 825535

June 24 - July 5

Current issues and problems related to the education of children and adults with learning disabilities. 11:00 a.m. - 1:45 p.m., MTWRF. EC-15. Instructor: L. Siegelman.

570 APPLIED BEHAVIOR ANALYSIS FOR TEACHERS (2)
SCN: 825570

August 12 - 23

A survey of the principles and techniques of applied behavior analysis. Includes behavior modification self-control techniques, cognitive behavior modification, and research design. 9:30 a.m. - 12:15 p.m., MTWRF. EC-14. Instructor: S. Carlson.

599 THESIS (2)
SCN: 825599

Session I: July 29 - August 23

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. TBA. Instructor: L. Reisberg.



ENGLISH

Phone: (206) 535-7210

101 COLLEGE WRITING (4) SCN: 830101

Session I: June 24 - July 19

Develops a student's power to write effectively. Emphasis on short papers and guided revision. Fulfills general university requirement in writing. 12:30 - 3:15 p.m., MTWRF. HA-213. Instructor: G. Johnson.

217/417 SHORT STORY (1-4) SCN: To Be Assigned

Session I: June 24 - July 19

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 24-28); 217B, American Short Stories (July 1-5); 217C, Continental Short Stories (July 8-12); 217D, British Short Stories (July 15-19). Students opting for upper division credit (417) supplement their reading and write a critical paper; independent study card required; see department. 12:30 - 3:15 p.m., MTWRF. HA-212. Instructor: R. Klopach.

230 CONTEMPORARY LITERATURE: WOMEN BY WOMEN (4) SCN: 830230

Session II: July 29 - August 23

Studies the changing order of society, chronicles the development of female self-consciousness through representative novels by women in which the central characters are women. The emphasis is literary rather than sociological. Prerequisite: English 101. 9:30 a.m. - 12:15 p.m., MTWRF. HA-216. Instructor: L. Blades.

383 SHAKESPEARE (4) SCN: 830383

Session II: July 29 - August 23

Choosing from Shakespeare's comedies, histories, tragedies and romances, learn to understand them in the context of the Renaissance. Coordinated with the Oregon Shakespeare Festival from August 22 - 26. A surcharge of \$155 covers theatre tickets, lodging and roundtrip transportation. 8:00 - 10:45 a.m., MTWRF. HA-212. Instructor: C. Bergman.

HISTORY

Phone: (206) 535-7595

253 TWENTIETH CENTURY AMERICAN HISTORY (4) SCN: 832253

Session I-II: June 24 - August 22

Trends and events in domestic and foreign affairs since 1900; affluence, urban growth, and social contrasts. 6:30 - 9:30 p.m., TR. HA-202. Instructor: J. Bermingham.

325 THE REFORMATION (4) SCN: 832325

Session II: July 29 - August 23

Political and religious crisis in the 16th century; Lutheranism, Zwinglianism, Anglicanism, Anabaptism, Calvinism, Roman Catholic reform; Weber thesis, the beginnings of Baroque art. 9:30 a.m. - 12:15 p.m., MTWRF. X-114. Instructor: P. Nordquist.

326 VIETNAM & THE VIETNAM ERA (4) SCN: 832326

Session I: June 24 - July 19

Vietnamese culture and history, with special emphasis on how that history and culture affected their war against the French, the Japanese, and finally the Americans. Through films, guest speakers, and class discussion, learn why the United States went to war in Vietnam and the effect of that war on Vietnam and its people. 9:30 a.m. - 12:15 p.m., MTWRF. X-112. Instructor: E. Clausen.

399 INTERNSHIP (2-6) SCN: To Be Assigned

Session: 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. Instructor: A. Martinson.

461 HISTORY OF THE WEST AND NORTHWEST (4) SCN: 832461

June 1 - August 15

An interpretive research and writing project on community history, structured to individualized study. On-site research in communities required. Can be used by teachers and prospective teachers in meeting curriculum requirements. Limited enrollment. Prerequisite: Call (206) 535-7468 for further information. Tally card signed by instructor must accompany registration; students are advised to meet with the instructor prior to June 1. TBA. Instructor: A. Martinson.

512 RECENT U.S. DIPLOMATIC HISTORY (4)

□ SCN: 832512

May 20 - July 12

Examines and assesses the history of American foreign policy since World War II. The domestic historical experience it developed is an essential part of policy context. This experience is juxtaposed with the debate over power politics and the need for consensus, non-partisan foreign policy. Prerequisite: graduate admission. Tuition: \$185 per semester hour. 6:00 - 9:00 p.m., MW. X-112. Instructor: J. Bermingham.

LANGUAGES

Phone: (206) 535-7210

213 SURVIVAL CONVERSATIONAL SPANISH (2) SCN: 854213

Session I: June 24 - July 19

A class in Spanish conversation for those who wish to travel or visit in a Spanish-speaking country, or who are working in a field or geographical area in the U.S. where there is a sizeable Spanish-speaking population, or for those who simply wish to practice and improve their conversational Spanish. Prerequisite: 1 semester college Spanish or equivalent or permission of instructor. 12:30 - 1:45 p.m., MTWRF. HA-216. Instructor: L. Faye.

451 SPANISH GRAMMAR REVIEW (2) SCN: 854451

June 24 - July 5

An intensive class in Spanish grammar for those who are currently teaching or who plan to teach and for whom an intensive grammar review would be beneficial. Also for any student who wishes to continue in literature classes in Spanish or who simply wishes to improve the accuracy of his or her written and spoken Spanish. Prerequisite: 4 semesters college Spanish or equivalent or permission of instructor. 9:30 a.m. - 12:15 p.m., MTWRF. HA-216. Instructor: L. Faye.

453 READINGS IN SPANISH (2) SCN: 854453

July 8 - 19

An intensive course in reading, choosing from 20th century dramatic and narrative works such as the self-searching plays of Alfonso Sastre and the narratives of writers whose lives were affected by the Civil War such as Carmen Laforet or Juan Goytisolo. This course is for those currently teaching Spanish or for anyone who is interested in reading some Spanish literature. Prerequisite: 6 semesters college Spanish or equivalent or permission of instructor. 9:30 a.m. - 12:15 p.m., MTWRF. HA-216. Instructor: L. Faye.

FRENCH LANGUAGE CAMP

July 15 - 20

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). Beginners may be admitted with special permission. Special fee: \$75 per week per child. 9:00 a.m. - 2:00 p.m., MTWRF. Instructor: R. Brown.

For further information about either session of the French Language Camp, brochure and enrollment form, please contact Dr. Roberta Brown at (206) 535-7630 or -7321.

FRENCH LANGUAGE CAMP

July 15 - 20

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). Beginners may be admitted with special permission.

For further information about either session of the French Language Camp, brochure and enrollment form, please contact Dr. Roberta Brown at (206) 535-7630 or -7321. 9:00 a.m. - 2:00 p.m., MTWRF. Instructor: R. Brown.

MATHEMATICS

Phone: (206) 535-7400

128 MATH FOR BUSINESS & THE BEHAVIORAL SCIENCES (4)

□ SCN: 836128

June 3 - August 9

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 - 9:10 p.m., MR. HA-206A. Instructor: M. McBride.

323 MODERN ELEMENTARY MATH (4)

SCN: 836323

June 17 - July 26

Concepts underlying traditional computational techniques; a systematic analysis of arithmetic; an intuitive approach to algebra and geometry. Intended for elementary teaching majors. Prerequisite to Education 326. Prerequisite: consent of instructor. 9:00 - 10:45 a.m., MTWRF. M-112. Instructor: K. Batker.

MUSIC

Phone: (206) 535-7603

201 CLASS PIANO, LEVELS I-VIII (1)

SCN: 856201

Session I: June 24 - July 19

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. Instructor: C. Knapp.

430 PIANO LITERATURE OF BACH, HANDEL, SCARLATTI (2)

SCN: 856430

Pre-Session: June 17 - 21

A study and analysis of the keyboard music of Bach, Handel, and Scarlatti covering music appropriate for teaching: Bach's inventions, sinfonia, Well-Tempered Clavier, toccatas and suites as well as selections from Handel's keyboard suites and Scarlatti's sonatas. A course designed for piano majors, piano teachers, and those interested in furthering their music understanding. 9:30 a.m. - 4:00 p.m., MTWRF. Piano House. Instructor: C. Knapp.

450 PIANO PEDAGOGY WORKSHOP (1)

SCN: 856450 (credit)

856451 (no credit)

Mid-Session: July 22 - 26

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: \$60. 8:30 a.m. - 12:30 p.m., MTWRF. Piano House. Instructor: C. Knapp.

501A JAZZ ARRANGING WORKSHOP (1)

SCN: 856001

June 24 - 28

Study of jazz arranging techniques for ensembles from small groups with or without vocals to the Big Band sound. Opportunity for critique of your charts. 4:00 - 6:00 p.m., MTWRF. E-227. Instructor: T. Kubis.

501B IN THE FOOTSTEPS OF BACH (2)

SCN: 856002 (credit)

856003 (no credit)

July 18 - August 3

A two-week study/travel course, designed to explore and experience the churches, cities and towns of Germany in which Johann Sebastian Bach lived and worked to produce his music. Opportunity to attend concerts, hear and sing with organs in various "Bach churches," and to visit museums, including Bach's birthplace. Available for no credit. For special brochure write: BACH, University Communications, Pacific Lutheran University, Tacoma WA 98447. Instructor: D. Dahl.



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501C CHORAL WORKSHOP (2)

SCN: 856004 (credit)
856005 (no credit)

July 29 - August 2

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: \$150. 10:00 a.m. - 10:00 p.m., MTWRF. E-227. Instructor: R. Sparks.

501D WORKSHOP FOR CHURCH MUSICIANS (2)

SCN: 856006 (credit)
856007 (no credit)

August 5 - 9

Practical sessions designed to assist church musicians (choir director, organist and organist/director) to expand their knowledge and experience. Topics include choice and review of music (organ and choral); effective, creative hymn singing; psalm singing; music of the liturgies; basic conducting. Visits to outstanding new organs and churches, and more. Available for no credit: \$150. Write for special brochure. All day, MTWRF. Trinity Church, Balcony. Instructor: D. Dahl.

501E ELEMENTARY CHORAL METHODS & MATERIALS: THE KODÁLY CONTEXT (2)

SCN: 856008

August 5 - 9

A realistic and active approach geared to the music specialist developing choral and general music experiences for elementary and upper-elementary school children. 9:00 a.m. - 4:00 p.m., MTWRF. University Center, CK. Instructor: K. Cronan.

501F SECONDARY CHORAL TECHNIQUES: THE KODÁLY CONTEXT (2)

SCN: 856009

August 5 - 9

Application of Kodaly techniques in the secondary choral setting. 9:00 a.m. - 4:00 p.m., MTWRF. E-228. Instructor: J. Taylor.

501G ADVANCED CONDUCTING WORKSHOP (2)

SCN: 856010

August 5 - 9

The class will explore aspects of conducting and rehearsal techniques (including use of videotape). There will be sessions on working with instruments, and analysis and interpretation of various styles of music. 9:00 a.m. - 4:00 p.m., MTWRF. E-227. Instructor: R. Sparks.

596 RESEARCH IN MUSIC (1-4)

SCN: To Be Assigned

TBA

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

599 THESIS (1-4)

SCN: To Be Assigned

TBA

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

PRIVATE INSTRUCTION (1-2)

SCN: To Be Assigned

TBA

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.

PIANO PERFORMANCE INSTITUTE FOR JUNIOR AND SENIOR HIGH SCHOOL STUDENTS

Session I: June 24 - July 19

For brochure, write: Piano Performance Institute, Music Department, Pacific Lutheran University, Tacoma WA 98447. All day, MTWRF. Piano House. Instructor: C. Knapp.

NORTHWEST SUMMER BAND & CHORAL CAMP

Mid-Session: July 21 - 27

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

NORTHWEST SUMMER INSTRUMENTAL JAZZ CAMP

June 23 - 29

For brochure, write: Northwest Summer Instrumental Jazz Camp, Music Department, Pacific Lutheran University, Tacoma WA 98447. All day, SuMTWRFs. Coordinator: N. Abrahamson.

NURSING

Phone: (206) 535-7672

424 PHYSIOLOGIC NURSING II (4)

SCN: 864424

June 3 - August 23

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 bio-psycho-social disruptions and means of restoring balance to an optimal level of functioning. Prerequisites: Nurs 354, 384, 394; concurrent enrollment in 434, 444. Tuition: \$185 per semester hour. 8:00 - 10:00 a.m., 10:00 a.m. - 12:00 noon, Wednesday. IN-122. Instructor: S. Shumaker.

434 COMMUNITY HEALTH NURSING (4)

SCN: 864434 (Section A)
864435 (Section B)

June 3 - August 23

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: \$185 per semester hour. 1:00 - 3:00 p.m., 3:00 - 5:00 p.m., Wednesday, IN-122; Section A, 1:00 - 3:00 p.m., Thursday, IN-111D; Section B, 1:00 - 3:00 p.m., Tuesday, IN-111D. Instructor: L. Rhoades; S. Shumaker.

444 NURSING PRACTICUM II (4)

SCN: 864444 (Section A)
864445 (Section B)

June 3 - August 23

Clinical application of bio-psycho-social, cultural, and spiritual concepts in acute care hospital and community settings. Use of the nursing process includes interper-



sonal as well as technological skills. Professional responsibility and accountability are emphasized. Prerequisites: Nurs 354, 384, 394; concurrent enrollment in 424, 434. Tuition: \$185 per semester hour. 8:00 a.m. - 12:00 noon; Section A, 7:00 a.m. - 12:30 p.m., Tuesday & 8:00 a.m. - 12:00 noon, Thursday; Section B, 8:00 a.m. - 12:00 noon, Tuesday & 7:00 a.m. - 3:30 Thursday. Instructor: S. Shumaker; L. Rhoades.

464 LEADERSHIP IN NURSING (4)
SCN: 864464 (Section A)
864465 (Section B)
864466 (Section C)

June 3 - August 23

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: \$185 per semester hour. 10:00 a.m. - 12:00 noon, Wednesday, IN-100; Section A, 1:00 - 3:00 p.m., Wednesday, IN-116; Section B, 1:00 - 3:00 p.m., Wednesday, X-114; Section C, 1:00 - 3:00 p.m., X-203. Instructor: A. Hirsch; L. Weirick; C. Hansen.

478 SENIOR PRACTICUM (8)
SCN: 864478

June 3 - August 23

Clinical application and synthesis of professional and technical skills in hospitals, health agencies, or other community settings. Prerequisites: Nurs 424, 434, 444; concurrent enrollment in 464. Tuition: \$185 per semester hour. 32 clock hours per week, TBA. Instructor: A. Hirsch; L. Weirick; C. Hansen.

491, 492 INDEPENDENT STUDY (1-4)
SCN: To Be Assigned

Prerequisite: Permission of the dean.
Tuition: \$185 per semester hour.

PHILOSOPHY

Phone: (206) 535-7228

**101 PHILOSOPHICAL ISSUES:
CONSTRUCTING A WORLDVIEW (4)**
SCN: 866101

Session I: June 24 - July 19

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. Discusses such questions as: what makes an action right? are moral values objective or relative? can miracles occur, and if so what would they prove? Readings range from the very introductory to the very sophisticated. Fulfills Philosophy core requirement. 12:30 - 3:15 p.m., MTWRF. HA-204A. Instructor: K. Cooper.

**225 ETHICAL THEORY: WHAT MAKES
AN ACT RIGHT? (2)**
SCN: 866225

Session I: June 24 - July 22

What makes an act right or wrong? Are there absolutes, or is everything relative? Addresses these and other questions provided by major ethical theories in the Western tradition, from the ancient theories of Platonism, Epicureanism and Divine Will to the contemporary theories of Situation Ethics, Radical Choice, Contract Theory, and Utilitarianism. Counts toward Philosophy general university requirement. 6:30 - 9:15 p.m., MR. HA-204A. Instructor: G. Myrbo.

**326 MORAL PROBLEMS: PUBLIC
POLICY AND SOCIAL SERVICES (2)**
SCN: 866326

July 25 - August 22

Examines various public policies and government social services in relation to moral justice, moral rights, and human well-being; particular issues such as abortion, suicide, affirmative action, income distribution, welfare rights, particular tax policies, and workplace safety. Fulfills Philosophy core requirement only when paired with Philosophy 225. 6:30 - 9:15 p.m., MR. HA-204A. Instructor: P. Menzel.

**381 THEORY OF VALUE: GENES,
ROLES, AND MORAL BEHAVIOR (4)**
SCN: 866381

Session I: June 24 - July 19

Explores and critically examines the sociobiological literature and its implications for our general understanding of human values and for our beliefs in freedom, moral responsibility, and basic human dignity. Fulfills Philosophy core requirement. 9:30 a.m. - 12:15 p.m., MTWRF. HA-204A. Instructor: G. Myrbo.

393 PHILOSOPHY OF RELIGION (4)
SCN: 866393

Session II: July 29 - August 23

Examines the role of formally disciplined reason in classical and contemporary attempts to address some issues basic to religion: the existence of God, mystical experience, the problem of evil, the logical status of religious language, miracles, life after death, and faith and reason. Fulfills Philosophy core requirement. 8:00 - 10:15 a.m., MTWRF. HA-204A. Instructor: J. Nordby.

**501A TEACHING PHILOSOPHY TO
CHILDREN: BASIC WORKSHOP
(2-3)**
SCN: 866400 (2)
866401 (3)

June 24 - July 5

Introduces teachers to the Philosophy for Children program developed by the Institute for the Advancement of Philosophy for Children. The workshop is devoted primarily to the middle school component of this curriculum focused on the fundamental reasoning skills and pedagogy relevant to the entire curriculum. 9:00 a.m. - 4:00 p.m., MTWRF. HA-221. Instructor: D. Cannon; E. Lyell.

**501B TEACHING PHILOSOPHY TO
CHILDREN: ELEMENTARY SCHOOL
(1-2)**
SCN: 866403 (1)
866404 (2)

July 8 - 12

A follow-up workshop for those who have taken a basic workshop in philosophy for children this summer or previously. Use of *Pixie*, targeted at grades 3-4. 9:00 a.m. - 4:00 p.m., MTWRF. HA-221. Instructor: D. Cannon; E. Lyell.

**501C TEACHING PHILOSOPHY TO
CHILDREN: SECONDARY
LANGUAGE ARTS(1-2)**
SCN: 866405 (1)
866406 (2)

July 8 - 12

A follow-up workshop for those who have taken a basic workshop in philosophy for children this summer or previously. Use of *Suki*, for grades 8-11. 9:00 a.m. - 4:00 p.m., MTWRF. HA-219. Instructor: D. Cannon; E. Lyell.

PHYSICAL EDUCATION
Phone: (206) 535-7350

201A BEGINNING GOLF (1)
SCN: 868201

Session I: June 24 - July 19

Activity course for men and women. \$5 activity fee. 7:00 - 8:15 a.m., MTWR. O-FH. Instructor: F. Westering.

201B BEGINNING GOLF (1)
SCN: 868202

Session II: July 29 - August 23

Activity course for men and women. \$5 activity fee. 7:00 - 8:15 a.m., MTWRF. O-FH. Instructor: Staff.

204 BOWLING (1)
SCN: 868204

Session I: June 24 - July 19

Activity course for men and women. \$20 activity fee. 1:15 - 2:15 p.m., MTWR. UC, Bowling Center. Instructor: Staff.

214 BEGINNING TENNIS (1)
SCN: 868214

Session I: June 24 - July 19

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

215 INTERMEDIATE TENNIS (1)
 SCN: 868215

Session I: June 24 - July 19

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

222A RACKETBALL/SQUASH (1)
SCN: 868221

Session I: June 24 - July 19

Activity course for men and women. \$5 activity fee. 12:40 - 1:55 p.m., MTWR. Olson, R-ball courts. Instructor: M. Benson.

222B RACKETBALL/SQUASH (1)
SCN: 868222

Session II: July 29 - August 23

Activity course for men and women. \$5 activity fee. 12:40 - 1:55 p.m., MTWR. Olson, R-ball Courts. Instructor: Staff.

225 AEROBIC DANCE (1)
SCN: 868225

Session I: June 24 - July 19

Activity course for men and women. 6:00 - 7:15 p.m., MTWR. EC gym. Instructor: D. Carter.

227 WEIGHT TRAINING (1)
SCN: 868227

Session I: June 24 - July 19

Activity course for men and women. 12:00 noon - 1:15 p.m., MTWR. Names Fitness Center. Instructor: G. Nicholson.

228 MOUNTAINEERING (1)
 SCN: 868228

Session II: July 29 - August 23

Activity course for men and women. Transportation to the mountain and certain equipment and supply expenses will be the responsibility of the student. 7:00 - 9:00 p.m., TR. O-FH. Instructor: Staff.

235 CONDITIONING SWIMMING (1)
SCN: 868235

Session I: June 24 - July 19

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. 7:00 - 8:00 a.m., MTWR. Pool. Instructor: J. Johnson.

360A PROFESSIONAL PRACTICUM (2)
SCN: 868359

Session I: June 24 - July 19

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

360B PROFESSIONAL PRACTICUM (2)
SCN: 868360

Session II: July 29 - August 23

See description above. TBA. Instructor: D. Olson.

361A COACHING PRACTICUM (2)
SCN: 868361

Session I: June 24 - July 19

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

361B COACHING PRACTICUM (2)
SCN: 868362

Session II: July 29 - August 23

See description above. TBA. Instructor: D. Olson.

399A INTERNSHIP (4-8)
SCN: To Be Assigned

Session I: June 24 - July 19

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. TBA. Instructor: F. Westering.

399B INTERNSHIP (4-8)
SCN: To Be Assigned

Session II: July 29 - August 23

See description above. TBA. Instructor: D. Olson.

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

Session I: June 24 - July 19

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

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

Session II: July 29 - August 23

See description above. TBA. Instructor: D. Olson.

501A STRESS WITHOUT DISTRESS (1)
 SCN: 868001

Pre-Session: June 17 - 21

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. O-103. Instructor: P. Hoseth.

501B SPORTS MOTIVATION I (1)
 SCN: 868002

Pre-Session: June 17 - 21

Stimulating and interesting workshop based on new developments in psychology and athletics. Winning ideas and techniques presented on motivating both individuals and teams and assessing strengths/weaknesses of both. Designed for athletic coaches or anyone involved in athletics. 6:30 - 9:30 p.m., MTWRF. O-102. Instructor: F. Westering.

501C MOTOR DEVELOPMENT OF CHILDREN (1)
SCN: 868003

Pre-Session: June 17 - 21

For early childhood educators, elementary classroom teachers or physical education teachers who wish to develop and improve children's fundamental movement abilities. Topics include early, intermediate and mature stages of motor development, childhood growth and maturation, fundamental movement patterns, fitness and movement abilities of children assessment techniques, childhood obesity and curriculum applications for the preschool and/or elementary classroom teacher. 1:30 - 4:30 p.m., MTWRF. O-102. Instructor: D. Bankson.

501D FIRST AID (1)
SCN: 868004

June 24 - 28

The study of immediate care given to the injured. Includes self-help and home care, if medical assistance is not available or is delayed. Included are selecting words of encouragement, evidencing willingness to help, and promoting confidence by demonstrating competence. Lectures and practice periods. \$5 materials fee. 6:30 - 9:30 p.m., MTWRF. O-102. Instructor: G. Nicholson.

501E SPORTS MOTIVATION II (1)
SCN: 868005

June 24 - 28

Continuation of Sports Motivation I Workshop. Applies concepts/principles of motivation to specific situations and circumstances relevant to many teaching and coaching situations. Course material class-directed through discussion and feedback. 6:30 - 9:30 p.m., MTWRF. O-103. Instructor: F. Westering.

501F RHYTHMIC GYMNASTICS (1)
SCN: 868006

June 24 - 28

An Introduction to European rhythmic movement education; emphasis in use of balls, hoops, jump ropes, etc., in developing a graceful, rhythmic approach to the enhancement of physical fitness for young and old. 7:30 - 8:30 p.m., MTWR. EC gym. Instructor: I. Mahan.

501G PEAK PERFORMANCE (1)
SCN: 868007

July 1, 2, 3, 5

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 - 10:00 p.m., MTWRF. O-102. Instructor: F. Westering.

501H PSYCHOLOGY OF COACHING YOUTH SPORTS (1)
SCN: 868008

July 8 - 12

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. O-103. Instructor: F. Westering.

501J SPORTS MEDICINE WORKSHOP (1)
SCN: 868009

July 8 - 12

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 materials fee. 6:30 - 9:30 p.m., MTWRF. O-A. Instructor: Staff.

501K ELEMENTARY SCHOOL PHYSICAL EDUCATION WORKSHOP (1)
SCN: 868010

July 15 - 19

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. O-102. Instructor: J. Poppen.

501L COACHING BASEBALL (1)
SCN: 868011

July 29 - August 2

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-102. Instructor: L. Marshall.

501M BASIC SAILING (1)
SCN: 868012

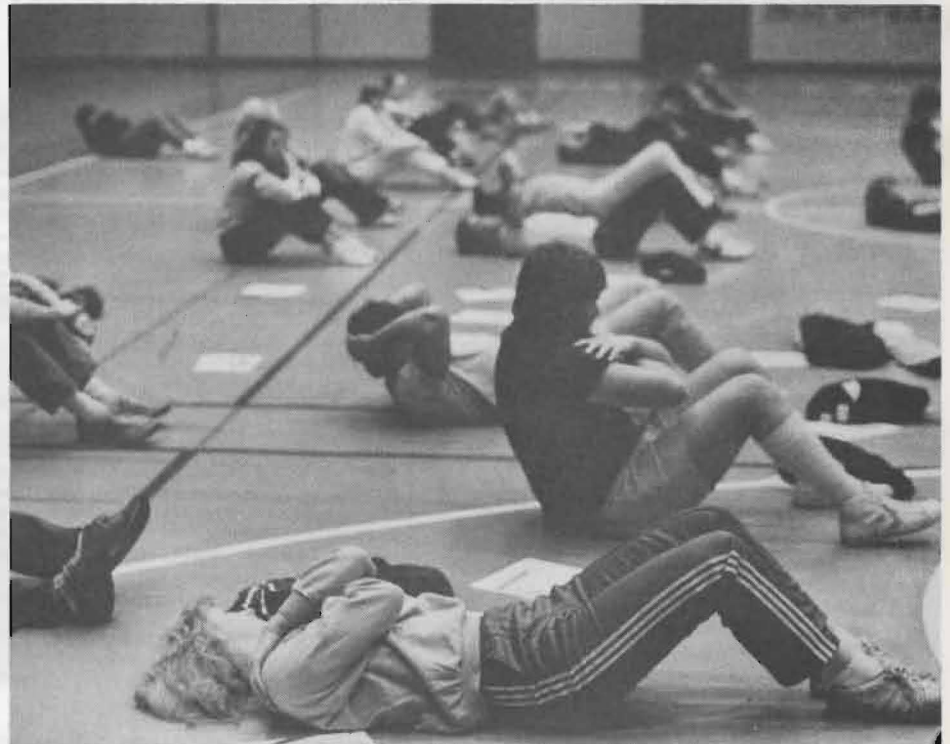
August 1, 8, 15, 22

Activity course for men and women. Lectures on Thursday evenings plus water instruction. 7:00 - 9:30 p.m. plus 9 hrs. of water instruction to be arranged., Thursday. O-105. Instructor: M. Rice.

501N RHYTHMIC ACTIVITIES AND DANCE FOR THE ELEMENTARY SCHOOL CHILD (1)
SCN: 868013

August 12 - 16

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. Instructor: J. Poppen.



POLITICAL SCIENCE

Phone: (206) 535-7595

325 POLITICAL THOUGHT (4)

SCN: 878325

Session I: June 24 - July 19

A survey of the origin and evolution of major political concepts in ancient, medieval, and early modern times. Such ideas as state, obligation, authority, community, law, and freedom will be studied developmentally. 9:30 a.m. - 12:15 p.m., MTWRF. X-114. Instructor: D. Farmer.

401 SEMINAR IN POLITICS: IN SEARCH OF AMERICA (4)

SCN: 876401

Session II: July 29 - August 23

An exploration of efforts to characterize and explain the American political experience and system from colonial society through Tocqueville and Bryce to more contemporary observers and commentators such as Brogan, Boorstin, White, and Wills. 9:00 a.m. - 12:15 p.m., MTWRF. X-112. Instructor: W. Spencer.

401 SEMINAR IN POLITICS: STILL MUDDLING, NOT YET THROUGH (4)

SCN: 876402

Session I: June 24 - July 19

Can government be used to improve society? How do we decide to do this? Can we distinguish good from bad decisions? Why do some government policies turn out to be programmed disasters? This course critically examines how people in government make decisions, focusing upon ethical, institutional and political outcomes. 9:30 a.m. - 12:15 p.m., MTWRF. X-204. Instructor: D. Olufs.

501 CIVIL LIBERTIES WORKSHOP (3-4)

SCN: 890501 (3)
890502 (4)

May 28, 29, 30, June 3, 5, 6, June 10, 12, 13, 17, 19, 20

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., MWR. HA-117. Instructor: C. DeBower; D. Atkinson.

553 PUBLIC PERSONNEL ADMINISTRATION (4)

SCN: 876553

May 21 - July 11

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. Prerequisite: graduate admission. Tuition: \$185 per semester hour. 6:00 - 9:00 p.m., TR. X-114. Instructor: D. Olufs.

PSYCHOLOGY

Phone: (206) 535-7294

333 ASIAN-AMERICAN EXPERIENCE (2)

SCN: 878333

Pre-Session: June 17 - 21

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-216. Instructor: J. Moritsugu.

335 DEVELOPMENT: INFANCY TO MATURITY (4)

SCN: 878335

Session I-II: June 24 - August 21

Physical, intellectual, social and emotional growth from infancy through adolescence to maturity. Prerequisite: Psych 101. 6:30 - 9:30 p.m., MW. HA-212. Instructor: D. Schmutte.

420 PERSONALITY THEORIES (4)

SCN: 878420

Session I: June 24 - July 19

Survey for the study of personality and for the formulation of personality theories. Techniques of measurement and implications for counseling and/or psychotherapy. Prerequisite: Psych 101. 9:30 a.m. - 12:15 p.m., MTWRF. EC-14. Instructor: J. Moritsugu.

450 PSYCHOLOGICAL TESTING (4)

SCN: 878450

Session I: June 24 - July 19

Survey of standardized tests; methods of development; standardization; limitations and interpretations of tests. Prerequisites: Psych 243, a course in statistics, or instructor's consent. 2:00 - 4:45 p.m., MTWRF. HA-216. Instructor: Staff.

460 LEARNING: RESEARCH AND THEORY (4)

SCN: 878460

Session II: July 29 - August 23

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-203. Instructor: J. Nolph.

570 GRADUATE INTERNSHIP (4)

SCN: 878470

June 17 - August 21

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: Psych 515 and/or 540. Tuition: \$185 per semester hours. 5:00 - 7:00 p.m., Wednesday. X-204. Instructors: J. Moritsugu; D. Schmutte.

577 ADVANCED GRADUATE INTERNSHIP (4)

SCN: 878577

June 17 - August 21

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: Psych 570. Tuition: \$185 per semester hour. 5:00 - 7:00 p.m., Wednesday. X-204. Instructors: D. Schmutte; J. Moritsugu.

RELIGION

Phone: (206) 535-7228

111 BIBLICAL LITERATURE: OLD & NEW TESTAMENT (4)

SCN: 880111

July 15 - August 22

The Bible as a whole, survey of the story of salvation, selected passages in contemporary contexts. 6:00 - 10:00 p.m., MR. HA-200. Instructors: J. Petersen; S. Govig.

121 THE CHRISTIAN TRADITION (4)

SCN: 880121

Session I: June 24 - July 19

The study of selected theological questions and formulations examined in their social and historical contexts. 11:00 a.m. - 1:45 p.m., MTWRF. HA-200. Instructor: M. Poellet.

131 RELIGIONS OF THE WORLD (4)

SCN: 880131

Session I: June 24 - July 19

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. 8:00 - 10:45 a.m., MTWRF. HA-200. Instructor: P. Ingram.

332 THE LIFE OF JESUS (4)

SCN: 880332

Session II: July 29 - August 23

A study of the life and teachings of Jesus; a historical survey of "Life of Jesus" research; form and redaction criticism of the Gospel tradition; the religious dimensions of Jesus' life and thought. Prerequisite: one lower division course or consent of instructor. 8:00 - 10:45 a.m., MTWRF. HA-202. Instructor: S. Govig.

364 THEOLOGICAL STUDIES: FEMINIST THEOLOGY (4)
SCN: 880364

Session I: June 24 - July 19

An examination of the participation of women in the development of Christian religious thought. The course will focus on representative women in different periods of history, culminating in the surge of feminist theology in the twentieth century. 8:00 - 10:45 p.m., MTWRF. HA-204B. Instructor: J. Brown.

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

Session II: July 29 - August 23

The faith and commitment, structure and dynamics of Judaism. Emphasis upon Jewish interpretations of the Hebrew scriptures, theological themes, religious practices, historical developments, modern movements, and Jewish-Christian dialogue. 12:30 - 3:15 p.m., MTWRF. HA-216. Instructor: J. Petersen.

491 LANDS OF JESUS AND PAUL: STUDY TOUR (2, 4, or no credit)
SCN: 880001 (2)
880002 (4)
880003 (no credit)

June 15 - July 6

A summer study tour covering the main historic sites associated with the two founding figures of Christianity, Jesus and Paul. The tour will visit Israel (6 days), Cairo, Egypt (2 days), Greece and Turkey (12 days), including a 4-day cruise of the Aegean and Istanbul. Lectures will provide expert guidance on the history, geography, and Biblical significance of the numerous sites visited. Tour members taking the course for credit will be given reading assignments. For additional information, contact Dr. Walt Pilgrim, (206) 535-7341, or write Department of Religion, Pacific Lutheran University, Tacoma WA 98447 by April 1, 1985. \$3095 tour cost (subject to changes in airfare or exchange). Instructor: W. Pilgrim; K. Christopherson.

SOCIAL SCIENCES GRADUATE PROGRAM
Phone: (206) 535-7399

505 RESEARCH METHODS (4)
 SCN: 887505

May 20 - July 12

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: \$185 per semester hour. Eligibility card required. For information, call (206) 535-7399. 6:00 - 9:00 p.m., MW. X-114. Instructor: J. Schiller.

Social Science graduate students may also register for Directed Studies, Graduate Readings, Thesis or Project. Tuition: \$185 per semester hour. Call (206) 535-7399 for information.

SOCIAL WORK AND MARRIAGE & FAMILY THERAPY
Phone: (206) 535-7659

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

June 17 - August 23

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: \$185 per semester hour. TBA. EC-22. Instructor: C. York.

SW 330 MODEL SERVICES TO SENIORS (2)
SCN: 884330

June 11 - 28

An exposure to recent innovations in social, health, and educational services to older adults. A minimum of six field trips introduce students to programs that are attempting to relate to demographic trends, current factors such as shrinking federal funding and escalating health care costs, and issues such as the question of whether more tax dollars should be diverted from direct services to prevention. Will not meet general university requirement. 9:00 a.m. - 12:00 noon, TR. EC-23. Instructor: V. Hanson.

SW 365 SYSTEMS CHANGE: WORKING FOR PEACE (4)
 SCN: 884365

June 10 - July 3

Seeks to enable students to take responsibility for their own health while working for the health of other systems of which they are a part, including the primary group, community group, and global community. A special emphasis is on working for peace in each system. Two all-day field trips are required on the first and third Fridays of the class. 6:00 - 10:00 p.m., TR plus field trips (see course description). EC-23. Instructor: V. Hanson.

SW 475/476 FIELD EXPERIENCE (4 EACH)
SCN: 884475
884476

Session I-II: June 17 - August 23

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. EC-22. Instructor: Staff.

SOCIOLOGY
Phone: (206) 535-7394

361 SUICIDE (4)
SCN: 886361

Session I: June 24 - July 19

An examination of the major theories that have been constructed to explain the phenomenon of suicide, and the findings of various recent empirical studies. 9:30 a.m. - 12:15 p.m., MTWRF. X-203. Instructor: A. Biblarz.

501 MAJOR CONCEPTS IN SOCIAL SCIENCES (2)
SCN: 886501

Pre-Session: June 17 - 21

A survey of the main ideas used by social scientists; primarily for high school teachers. 9:00 a.m. - 4:00 p.m., MTWRF. X-204. Instructor: A. Biblarz.

534 SOCIOLOGY OF WORK (4)
 SCN: 886534

May 20 - July 12

Evaluates job satisfaction in terms of occupational stress, fair compensation issues, job enrichment, career advancement, and performance. Explores techniques for job redesign and enrichment along with trends for future workplaces. Prerequisite: graduate admission. Tuition: \$185 per semester hour. For information, call (206) 535-7399. 6:00 - 9:00 p.m., TR. X-112. Instructor: J. Reisman.

STATISTICS
Phone: (206) 535-7595

231 INTRODUCTORY STATISTICS (4)
SCN: 888231

Session I: June 24 - July 19

Descriptive statistics: measures of central tendency and dispersion. Inferential statistics: generalizations about populations from samples by parametric and non-parametric 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. EC-34. Instructor: R. Jensen.

500 APPLIED STATISTICAL ANALYSIS (4)
 SCN: 820500

June 3 - July 11

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: \$185 per semester hour. 6:00 - 10:00 p.m., MR. HA-213. Instructor: R. Jensen.

ADMISSION INFORMATION

NON-DEGREE STUDENTS

Non-degree student 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) 535-7143.

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
Chemistry
Classics
Communication Arts
Computer Science
Earth Sciences
Economics
Engineering
English
French
German
History
Legal Studies
Mathematics
Music
Norwegian
Nursing
Philosophy
Physical Education/Recreation
Physics
Political Science
Psychology
Religion
Scandinavian Area Studies
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, 1985

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 rather they 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:

- Bank card number (VISA or MasterCard) and its expiration date (optional).
- Student's Social Security Number.
- Name of student.
- 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:

- Bank card number, expiration date, & name of card holder (if paying by VISA or MasterCard).
- Student's full name.
- Student's Social Security Number.
- Address while at PLU (if known).
- Permanent address if different from above.
- Telephone number.
- Date of birth.
- Ethnic origin (optional).
- Religious preference (optional).
- 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 31. 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 14.

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 26 for first session and July 31 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. Regular year students may have Cards validated in the Business Office. Those here for the summer only should request their ID Cards at the library until classes begin, at which time requests should be made at the Business Office.

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.

Waiver requests of academic requirements for graduation should be made on the appropriate University form with signatures of approval from the adviser and the school dean or department chair, and submitted to the Dean of Summer Studies.

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 5. Commencement ceremonies will be held on Friday, August 23 in Eastvold Auditorium at 7:00 p.m.

TUITION, ROOM AND BOARD

Tuition	\$130.00
Audit	130.00
MBA, Social Sciences Graduate classes, & Nursing per sem hr	185.00
Private Music Lessons (13 1/2-hr lessons = 1 sem hr credit)	
1 sem hr credit, in addition to tuition	90.00
2 sem hrs credit, in addition to tuition	150.00
Residence Hall rooms	
Double occupancy, both sessions	285.00
Single occupancy, both sessions	325.00 ✓
Double occupancy, one session	155.00
Single occupancy, one session	195.00
Pre- & Mid-Session, per day	5.00 ✓
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 must be written on the check. Students using bank cards must 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:

Bio 591	Field Biology Workshop
ES 351	Natural History of the Pacific Northwest
Eng 383	Shakespeare (Ashland tour)



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 of Nursing, the Music Department with the National Association of Schools of Music, and the School of Education with the National Council of 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 1984 enrollment totaled 1,717. Academic year enrollment totaled 3,533, with 2,657 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 education programs and activities extends to employment therein and to admission thereto. Inquiries concerning the application of said Title IX and published regulations to this University may be referred to the University's Equal Employment Opportunity Officers or the Director of the Office of Civil Rights of the Department of Health, Education and Welfare. Pacific Lutheran University complies with the Family Education Rights and Privacy Act of 1974.

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, note-taking 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 on the second floor of the Mortvedt Library, just off the study lounge, 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 3: 5:00-7:00 p.m.
Monday, June 24: 5:00-7:00 p.m.
Tuesday, June 25: 5:00-7:00 p.m.
Monday, July 15: 5:00-7:00 p.m.
Monday, July 29: 5:00-7:00 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.

Child Care

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 8:30 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 Dipolito, 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.

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 only juice, donuts, fruit or 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 marking your registration form. 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, Academic Advising and Assistance 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, 1985) will house the School of Nursing after remodeling is completed.

Memorial Gymnasium (1947) 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) houses studios, offices and classrooms for the School of Nursing and the Art Department, and the Wekell Gallery.

William O. Rieke Science Building (1985) Building 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 multipurpose facility featuring a Sport Tred gymnasium floor and an AstroTurf 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 and a putt-putt course. Hours: 11:00 a.m.-10:00 p.m., MTWRF.

University Golf Course is a 2,770-yard, nine-hole, par 34 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 8 through July 26. Sponsored by PLU and assisted by funds from the Tacoma Area Council on Giftedness, the program offers scholarly projects in advanced mathematics, writing and literature, chemistry, political science, philosophy, history, 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

A great opportunity for high school juniors and seniors.

High School juniors and seniors--'85 graduates--can get an early start on a successful college career this summer at PLU!

Called Middle College, a six-week summer program (June 15 to July 26) 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, earth science, 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 \$1,040, and financial aid, based primarily on need, is available.

Tuition (8-10 sem hr @ \$130 per sem hr)	\$1040-1300.00
Room & board (if desired)	520.00
Textbooks	30-40.00
Total Cost Estimate	1600-1640.00

The deadline for Middle College applications is May 31, 1985. For more information, write or call Dr. Judith Carr, Middle College, Office of the Provost, PLU, Tacoma WA 98447, or phone (206) 535-7130.

Elderhostel

Elderhostel combines the best traditions of education and hosteling. 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. Four one-week hostels are scheduled: June 9, June 16, July 7, and July 14, 1985.

Summer Conferences at PLU

1985 will be another very active summer for conferences, with more than 13,000 visitors expected to attend conventions, workshops and camps. Groups scheduled for 1985 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

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President's Executive Associate
Lucille Giroux
Assistant to the President
John Adix
University Pastors
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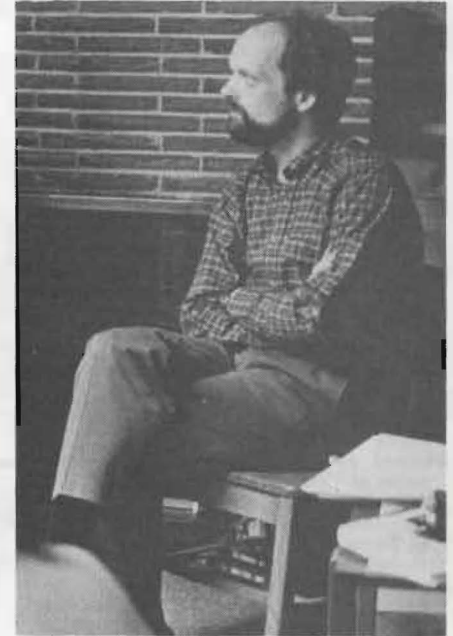
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Deputy Provost
David C. Yagow
Director, Special Academic Programs
Judith W. Carr
Dean, Division of Humanities
Dennis M. Martin
Dean, Division of Natural Sciences
John Herzog
Dean, Division of Social Sciences
David Atkinson
Director, Soc. Sci. Graduate Programs
Richard Jobst
Dean, Graduate & 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. Programs
Laura Carvey
Administrative Assistant
Jean Sensel
Dean, School of Education
Kenneth A. Johnston
Director, Teacher Placement & 5th
Year, and
Assistant to the Dean
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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
Assistant Dean
Cynthia Michael
Director, Financial Aid
Albert W. Perry
Associate Director, Financial Aid
Debra Brackman
Asst. Director, Financial Aid
Mark Duris
Registrar
Charles Nelson
Associate Registrar
Loleta Espeseth
Transfer Coordinator
Camille Eliason
Administrative Assistant
Mary Allen
Director, Academic Advising & Assistance
Center
Richard Seeger
Asst. Director, Academic Advising
Wanda Wentworth
Director, CHOICE
Robert K. Menzel
Director, Library
John W. Heussman
Reference Librarian
Susan MacDonald
Asst. Reference Librarian
Marilyn Martin

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



FULL-TIME FACULTY AND STAFF

- 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, Professor of Computer Science; Ph.D., Case Western Reserve University, 1972.
- Stephen Barndt**, 1978, Associate Professor of Business Administration; Ph.D., Ohio State University, 1971.
- 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.
- 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.
- Charles A. Bergman**, 1977, Associate Professor of English; Ph.D., University of Minnesota, 1977.
- Jack Bermingham**, Assistant Professor of History, Ph.D., University of California, Santa Barbara, 1979.
- Arturo Biblarz**, 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.
- 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.
- Kenneth E. Christopherson**, 1958, Professor of Religion; Ph.D., University of Minnesota, 1972.
- 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.
- 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.
- Larry A. Edison**, 1982, Associate Professor of Mathematics and Computer Science; Ph.D., Stanford University, 1965.
- Donald R. Farmer**, 1955, Professor of Political Science; Ph.D., University of Minnesota, 1954.
- Louise S. Faye**, 1969, Associate Professor of Languages (Spanish); Ph.D., University of North Carolina, 1958.
- M. Josephine Fletcher**, 1963, Professor of Education; Ph.D., University of Washington, 1971.
- Anne-Bridget Gary**, 1984, Instructor of Art; M.F.A., Massachusetts College of Art, 1984.
- Arthur Gee**, 1968, Professor of Biology; Ph.D., Purdue University, 1970.
- Beatrice Geller**, 1984, Assistant Professor of Art; M.F.A., Rochester Institute of Technology, 1979.
- 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.
- Gregory E. Guldin**, 1979, Associate Professor of Anthropology; Ph.D., University of Wisconsin, 1977.
- David H. Hansen**, 1974, Associate Professor of Biology; Ph.D., University of California, Irvine, 1974.
- Constance Hansen**, 1980, Assistant Professor of Nursing; M.N., University of Washington, 1981.
- 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.
- Ed Harmic**, 1971, Associate Professor of Music, M.M., University of Arizona, 1969.
- Bruce Haroldson**, 1983, Basketball Coach; M.A., University of Oregon, 1964.
- John O. Herzog**, 1967, Dean, Division of Natural Sciences; Ph.D., University of Nebraska, 1963.
- Anne M. Hirsch**, 1983, Associate Professor of Nursing; D.N.S., Indiana University, 1983.
- Paul E. Hoseth**, 1968, Associate Professor of Health and Physical Education; Ed.D., University of Oregon, 1977.
- Laurence D. Huestia**, 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.
- Robert J. Jensen**, 1968, Associate Professor of Economics; M.A., University of Nebraska, 1967.
- Gregory A. Johnson**, 1984, Assistant Professor of English; Ph.D., University of Washington, 1981.
- 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.
- Gundar J. King**, 1960, Professor of Business Administration, Dean of the School of Business Administration; Ph.D., Stanford University, 1964.
- Laura F. Klein**, 1979, Associate Professor of Anthropology; Ph.D., New York University, 1975.
- Raymond A. Klopsch**, 1953, Professor of English; Ph.D., University of Illinois, Urbana, 1962.
- Calvin H. Knapp**, 1959, Professor of Music; Ed.D., Teachers College, Columbia University, 1973.
- Allyn E. Lawrence**, 1981, Assistant Professor of Education; Ph.D., University of Arizona, Tucson, 1980.
- Jerrold Lerum**, 1973, Associate Professor of Biology; Ph.D., Northwestern University, 1973.
- Brian E. Lowes**, 1968, Professor of Earth Sciences; Ph.D., University of Washington, 1972.
- D. Moira Mansell**, 1982, Professor of Nursing, Dean of the School of Nursing; Ph.D., University of Washington, 1974.
- Dennis M. Martin**, 1976, Associate Professor of English, Dean, Division of Humanities; Ph.D., University of California, Los Angeles, 1973.
- Arthur D. Martinson**, 1966, Professor of History; Ph.D., Washington State University, 1966.
- Margy McBride**, 1984, Instructor of Mathematics; M.S., Montana State University, 1983.
- Richard McGinnis**, 1972, Professor of Biology; Ph.D., University of Southern California, 1974.
- David E. McNabb**, 1979, Assistant Professor of Business Administration; Ph.D., Oregon State University, 1981.
- Paul Menzel**, 1971, Professor of Philosophy; Ph.D., Vanderbilt University, 1971.
- Richard D. Moe**, 1965, Professor of Education, Dean of Graduate & Summer Studies, Dean of the School of The Arts; Ed.D., University of Colorado, 1962.
- John N. Moritsaugu**, 1975, Associate Professor of Psychology; Ph.D., University of Rochester, 1977.
- Gunnulf Myrbo**, 1970, Associate Professor of Philosophy; Ph.D., University of Cambridge, England, 1972.
- Roger Nibler**, 1980, Assistant Professor of Business Administration; D.B.A., University of Oklahoma, 1974.



Gary Nicholson, Athletic Trainer; M.S., Indiana University, 1968.

Jesse D. Nolph, 1968, Associate Professor of Psychology; Ph.D., Cornell University, 1971.

Jon J. Nordby, 1977, Assistant Professor of Philosophy; Ph.D., University of Massachusetts, 1977.

Philip A. Nordquist, 1963, Professor of History; Ph.D., University of Washington, 1964.

David M. Olson, 1968, Professor of Physical Education, Dean of the School of Physical Education, Athletic Director; Ph.D., University of Iowa, 1966.

Franklin C. Olson, 1971, Professor of Education; Ed.D., University of Nebraska, Lincoln, 1971.

Dick W. Olufs, 1982, Assistant Professor of Political Science; Ph.D., Pennsylvania State University, 1979.

Burton Ostenson, 1947-77, Professor Emeritus of Earth Sciences; Ph.D., University of Michigan, 1947.

William E. Parker, 1970, Associate Professor of Communication Arts; Ph.D., Southern Illinois University, Carbondale, 1974.

John E. Petersen, 1967, Associate Professor of Religion; Ph.D., New York University, 1970.

Gary D. Peterson, 1967, Professor of Mathematics; Ph.D., University of Kansas, 1973.

Norris A. Peterson, 1981, Assistant Professor of Economics; Ph.D., University of Minnesota, 1981.

Michael N. Poellet, 1983, Assistant Professor of Religion; Ph.D., University of Chicago, 1984.

Walter Pilgrim, 1971, Professor of Religion, Director of Lutheran Institute of Theological Education; Ph.D., Princeton Theological Seminary, 1971.

Jerry Poppen, 1978, Lecturer, Physical Education; M.A., Pacific Lutheran University, 1971.

Leon E. Reisberg, 1981, Assistant Professor of Education; Ed.D., University of Kansas, 1981.

Jane Reisman, 1984, Assistant Professor of Sociology; Ph.D., University of Oregon, 1982.

Lois P. Rhoades, 1980, Instructor of Nursing; P.N.P., University of Washington, 1974.

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Denise L. Schmutte, 1982, Assistant Professor of Psychology; Ph.D., Southern Illinois University, Carbondale, 1982.

Richard A. Seeger, 1973, Director, Academic Advising and Assistance; Ph.D., University of Washington, 1974.

Susan E. Shumaker, 1979, Instructor of Nursing; M.N., University of Washington, 1983.

Linda Siegelman, 1982, Assistant Professor of Education; Ph.D., University of Texas, Austin, 1982.

Richard A. Sparks, 1983, Assistant Professor of Music; M.A., University of Washington, 1980.

Wallace H. Spencer, 1974, Assistant Professor of Political Science; Ph.D., University of Washington, 1977.

Richard J. Spillman, 1981, Associate Professor of Computer Science; Ph.D., Utah State University, 1978.

Lynn Stein, 1961-1982, Professor Emeritus of Education; Ed.D., Montana State University, 1961.

Darlean A. Sydnor, 1984, Assistant Professor of Education; Ph.D., Southern Illinois University, Carbondale, 1984.

Steven Thrasher, 1980, Associate Professor of Business Administration; Ph.D., Northwestern University, 1974.

David L. Vinje, 1970, Associate Professor of Economics; Ph.D., University of Wisconsin, 1970.

James Wahlen, 1983, Assistant Professor of Business Administration; M.B.A., University of Washington, 1983.

Lenora B. Weirick, 1973-80, 1982, Assistant Professor of Nursing; M.S.N., Washington University, St. Louis, 1962.

Anne K. Welsh, 1983, Assistant Professor of Mathematics & Computer Science; Ph.D., American University, 1983.

Donald R. Wentworth, 1972, Professor of Economics and Education; Ph.D., University of Minnesota, 1972.

Forrest Westering, 1972, Professor of Physical Education; Ed.D., University of Northern Colorado, 1966.

Jane Williamson, 1964, Professor of Education; Ed.D., University of Northern Colorado, 1959.

Gary Wilson, 1975, Professor of Communication Arts; Ph.D., Michigan State University, 1971.

Charles D. York, 1981, Assistant Professor of Social Work; Ph.D., Purdue University, 1980.

PART-TIME AND VISITING FACULTY & STAFF

Diane Bankson, M.S., Lecturer, PLU.

Larry Blades, Ph.D., Lecturer, PLU.

Sharon Boren, M.A., Jackson, Wyoming Public Schools.

Dale W. Cannon, Ph.D., Associate Professor of Humanities, Western Oregon State College.

Steve Carlson, Ed.D., Professor of Special Education, Rutgers University, New Jersey.

Deborah Carter, B.A., Lecturer, PLU.

Paul Clinton, M.F.A., Instructor of Humanities, Ft. Steilacoom Community College, Tacoma.

Mary Cronin, Ph.D., Assistant Professor of Special Education, University of New Orleans.

Kate Cronon, B.A., Kodaly Certification, music teacher in Seattle Public Schools.

Jayasri Ghosh-Mankon, Ph.D., Director of Gifted Education, Tacoma Public Schools.

Erwin Goldenstein, Ph.D., Professor of Education, University of Nebraska.

Mark Gulsrud, M.F.A., West Coast professional artist.

Joan Hays, M.A., Reading Resource Specialist, Tacoma Public Schools.

Evadne Hazelton, M.L.S., Library Media Specialist, Tacoma School District.

Diane Heacock, B.A., Lecturer, PLU.

Floyd Hudson, Ph.D., Professor of Special Education, University of Kansas.

Walter Hunt, M.A., Lecturer, PLU.

Bob Jones, M.A., Assistant Principal, Curtis High School, Tacoma.

Tom Kubis, California Jazz Musician and Arranger.

Stephen C. Larsen, Ph.D., Professor and Coordinator of Learning Disabilities, University of Texas at Austin.

Kathleen Lemmer, M.L.S., Lecturer, PLU.

Ingrid Mahan, M.A., Teacher, Rogers High School, Puyallup.

Larry Marshall, B.S., Asst. Athletic Director & Baseball Coach.

Elizabeth Lyell, M.A., Specialist in teaching philosophy to children.

Annadell Mallon, B.A., Coordinator, Elementary Language Arts, Tacoma Public Schools.

Diane McDonald, J.D., Attorney.

Marcia Migdal, M.Ed., Project Manager, Pacific Northwest International, Intercultural Educational Consortium K-12 Teacher Training Global Studies Project; Director, Educational Resource Center, Seattle Children's Museum.

Helmi Owena, Ph.D., Lecturer, PLU.

James R. Patton, Ph.D., Associate Professor of Special Education, University of Hawaii at Manoa.

Jean Phillips, M.A., Lecturer, PLU.

Charles R. Purdy, Ph.D., Associate Professor of Accounting, University of Minnesota.

Bob Reinke, Ph.D., Executive Director of National Center of Economic Education for Children, Lesley College, Cambridge, Massachusetts.

Michael Rice, M.A., Owner and instructor, Puget Sound Sailing Institute.

Sandra Robinson, M.L.S., Coordinator of Library Services, Peninsula School District.

James Searce, M.N.S., Lecturer, PLU.

Joan Scott, B.A., Primary Teacher, Bethel School District.

Dick Swenson, Ph.D., Coordinator, Special Education Assistance Training & Consultation (SEATAC), ESD-121.

James Taylor, M.A., teacher at Bellevue High School.

Sharon Verharen, M.A., Lecturer, PLU.

Fred Warner, M.A., Associate Superintendent, Bureau of Supportive Services, Tacoma Schools.

Cathryn Wellner, M.L.S., Freelance storyteller and writer.

Michael T. Wood, Ph.D., Lecturer, PLU.

Cathleen Yetter, M.L.S., System Coordinator, Texas Trans-Pecos Library System, El Paso, Texas.

Walter Youngquist, Ph.D., Research Geologist.



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Dr. Richard Trost, ALC/NPD
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Piper Peterson, Geoff Bullock, Brian O'Morrow, students
Luther Bekemeier, Mary Lou Fenili, Lucille Giroux, Perry B. Hendricks (treasurer), Richard Jungkuntz, Harvey Neufeld



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 MISS _____
 MRS. Your name: _____
 Last First MI Maiden Semester/Term

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HAVE YOU TAKEN CLASSES AT PLU BEFORE? YES NO

Ethnic Origin (Optional)

() White Non-Hispanic () Asian or Pacific Islander

() Black Non-Hispanic () Hispanic

() American Indian or Native Alaskan () Non-Resident Alien

IF YES, WHEN? _____

ARE YOU A 4-YEAR COLLEGE GRADUATE? YES NO

Religious Preference (Optional) _____

(If Lutheran, indicate ALC, LCA, LCMS, AELC, or other)



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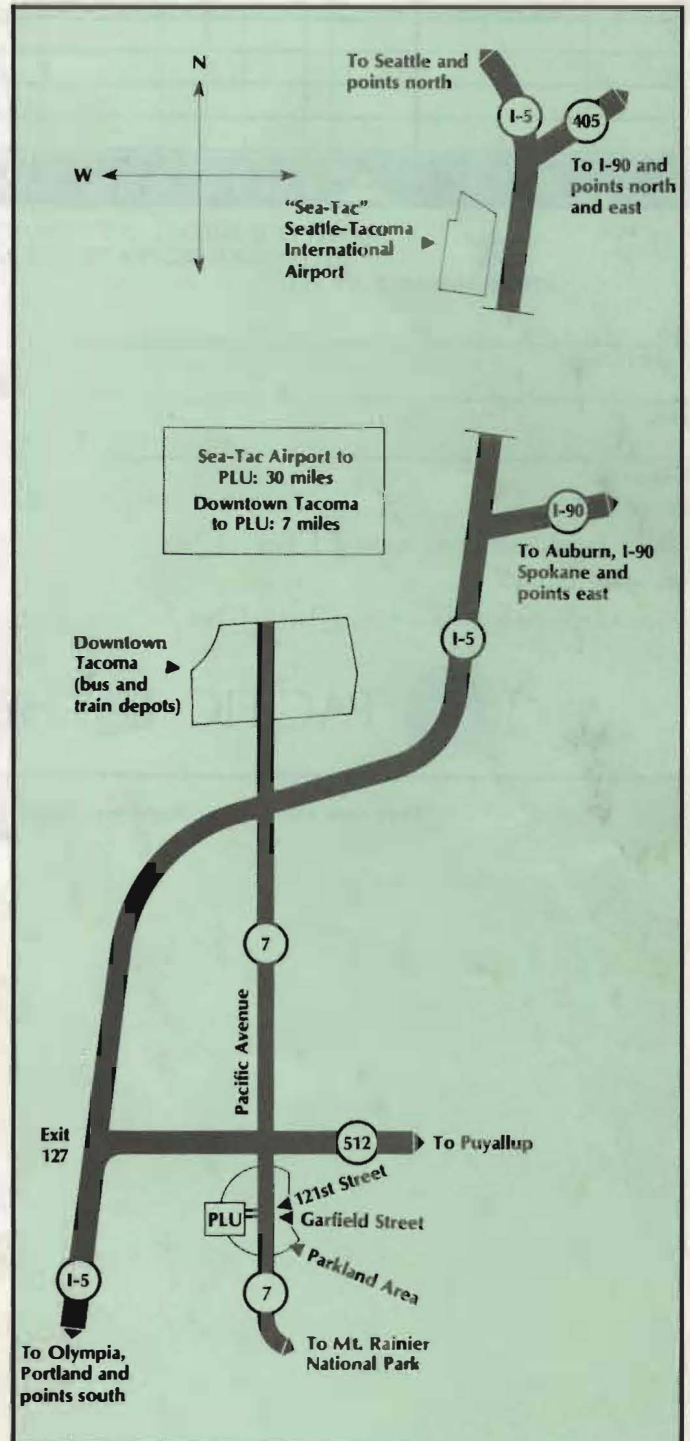


Dr. Richard Moe
 Summer Session
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- Session One — June 24-July 19
- Mid-Session — July 22-26
- Session Two — July 29-August 23



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