



SUMMER SESSIONS 1967
PACIFIC LUTHERAN UNIVERSITY

First Session June 19-July 19
Second Session July 20-August 18





**PACIFIC LUTHERAN UNIVERSITY
BULLETIN**

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SPECIAL PROGRAMS FOR EDUCATORS

DRIVER AND TRAFFIC SAFETY EDUCATION

June 19 to July 19

CONSERVATION EDUCATION WORKSHOP

June 26 to July 7

EARLY CHILDHOOD EDUCATION WORKSHOP

July 20 to August 18

HUMAN RELATIONS WORKSHOP

June 19 to July 7

KINDERGARTEN WORKSHOP

July 20 to August 18

PREPARATION AND UTILIZATION OF
INSTRUCTIONAL MATERIALS

June 19 to July 19

PRACTICUMS IN GUIDANCE AND COUNSELING

June 19 to August 18

READING CENTER WORKSHOP

June 14 to July 19

METHODS OF TEACHING PIANO

June 12 to June 16

CHORAL CONDUCTING WORKSHOP

July 31 to August 4

SACRED MUSIC INSTITUTE

July 31 to August 4

For information, contact: Director of Summer Sessions, Pacific Lutheran University, Tacoma, Washington 98447.

The Joffrey Ballet of New York City will be resident on the Pacific Lutheran University campus from July 9 to August 3. The performances, presently scheduled for Eastvold Chapel, will be on August 4, 5, 9, 10, 11 and 12.

 UNIVERSITY CALENDAR

Summer Session 1967

Registration begins 8:30 a.m.	Friday, June 16
Classes begin 7:30 a.m.	Monday, June 19
First Term ends.....	Wednesday, July 19
Second Term Classes begin 7:30 a.m.	Thursday, July 20
Summer Session closes.....	Friday, August 18

First Semester 1967-68

Orientation days.....	Sunday, September 17 - Wednesday, September 20
Registration.....	Monday, September 18 - Wednesday, September 20
Classes begin 7:50 a.m.	Thursday, September 21
Last date for adding a course.....	Wednesday, October 4
Last date for discontinuing a course without receiving a grade.....	Wednesday, October 18
Mid-semester	Friday, November 17
Thanksgiving Recess begins 12:30 p.m.....	Wednesday, November 22
Thanksgiving Recess ends 7:50 a.m.....	Monday, November 27
Christmas Recess begins 10:00 p.m.....	Wednesday, December 20

1968

Christmas Recess ends.....	Wednesday, January 3
Examinations.....	Monday, January 22 - Friday, January 26
Semester ends.....	Friday, January 26

Second Semester 1967-68

Registration of new students.....	Monday, January 29 - Wednesday, January 31
Classes begin 7:50 a.m.	Thursday, February 1
Last date for adding a course.....	Wednesday, February 14
Last date for discontinuing a course without receiving a grade.....	Wednesday, February 28
Mid-semester	Friday, March 22
Easter Recess begins 6:00 p.m.	Friday, April 5
Easter Recess ends 7:50 a.m.	Tuesday, April 16
Examinations.....	Monday, May 27 - Friday, May 31
Baccalaureate Service 11:00 a.m.	Sunday, June 2
Commencement 3:30 p.m.	Sunday, June 2

SUMMER STUDIES FOR

- Those desiring special studies in Liberal Arts.
- Teachers who wish to meet requirements for certification and/or administrative credentials or who desire additional training for promotion and self-improvement.
- Graduates working toward the Master of Arts degree.
- Undergraduates working toward a Bachelor's degree.
- Entering freshmen who desire to initiate their college careers.
- School Administrators seeking practical courses which will aid them in their specialized tasks.

SPECIAL FEATURES

Natural History of the Pacific Northwest—July 20 to August 18

This is a course in field biology which gives background for nature study, outdoor education and conservation of natural resources. It is especially useful to teachers of science at the elementary and junior high levels, but also serves those desiring to increase their knowledge of the Pacific Northwest.

The class will take all-day and overnight trips to the Pacific Ocean beaches, Puget Sound, Hood Canal, Olympic Mountains, Mount Rainier and Columbia River. Laboratory work will consist of analysis and preservation of the field collections. Lectures will cover the biological principles illustrated by the field work.

Enrollment will be limited; pre-registration is recommended. Pre-requisite: Introduction to Biological Science or General Biology and consent of instructor. Credit: five semester hours. Mr. Ostenson will be the instructor. Begins daily at 10:15 a.m., R-108.

Glacial Geology of Washington—June 19 to July 19

This course is designed for teachers of earth science and others interested in increasing their knowledge of the glacial geology of Washington State by actual field observation and the working of field problems.

The class will take field trips to Eastern Washington, Northern Cascade Mountains, Olympic Mountains, Puget Sound Basin, Mount Rainier, and the Grays Harbor area. Class work will include lectures on glaciers and special topics related to the specific area under study.

Because of the all-day and overnight field trips, students should not plan to take other classes. Enrollment will be limited. Pre-requisites: one year of college laboratory science or permission of instructor. Credit: four semester hours. Mr. Ringe will be the instructor. Begins daily 8:45 a.m., R-210.

Reading Center—June 20 to July 22

Experienced teachers are looking for practical courses during the summer sessions. They want something that can be used directly in the classroom.

Two courses are being offered again this summer that should be of particular value to the teachers wishing help in the teaching of reading for the child who has had difficulty:

Educ. 449—Reading Center Workshop **Two Hours**
Clinical study of reading problems and suggested corrective measures.
To be taken concurrently with Educ. 469.

Educ. 469—Directed Teaching in Reading Centers **Four Hours**
Directed observation and teaching in summer classes in public schools.
To be taken concurrently with Educ. 449.

The reading center workshop meeting place is to be arranged.

Conservation Education Workshop—June 26 to July 7

This course will deal with resource management, stressing the inter-relationship of resources and the basis of conflict and harmony in resource use in Western Washington. There will be field trips for "on the spot" observation to give teachers an opportunity to see and study first-hand such resources as soils, water, forests and wild life in natural settings. Attention will be given to content and method of presentation for classroom use, supplemented by teaching aids. Resource persons from government agencies, industry and education will instruct. Enrollment will be limited to 35 students. Two semester hours upper and lower division credit will be given. Cost: Tuition \$70.00, of which \$10.00 must be in the form of non-refundable deposit in order to hold a reservation. Registration must be made before June 26. Mrs. Ellen Herminghaus is the director of this workshop. 8:00 a.m. - 4:00 p.m., A-204.

Human Relations Workshop—June 19 to July 7

This intergroup relations workshop will have as its theme, "Classroom Approaches in Teaching the Disadvantaged." It is designed for school teachers and administrators, clergymen of all faiths, social workers, P-TA leaders, and other community leaders.

Topics considered will include intergroup problems, issues and implications; group processes and dynamics; planning effective personal and group programs. Sub-topics include such things as race and racism, ethnic patterns and outlooks, class and caste, roots of prejudice. There will be field trips and interest groups activities. Dr. Kenneth Johnston and Professor John Schiller will co-direct the workshop. Resource people from public agencies and community leaders will take part. Three semester hours credit. 9:00 a.m. to 3:00 p.m., A-207.

Preparation and Utilization of Instructional Materials—June 19 to July 19

The purpose of this workshop will be to help teachers to become familiar with the production and use of a variety of instructional materials. Transparencies for the overhead projector will be produced by the diazo and fix methods and experience gained in their use. Flat pictures will be mounted by the wet and dry processes. Photographic equipment and materials will be available for familiarization by the student. Field trips are planned to familiarize students with local resources. Students will produce items useful in the classrooms. A lab fee will be charged. Dr. Lynn Stein will be the instructor. Three semester hours credit 1:20 to 3:25 p.m., Library, Graphics Studio.

 ADMINISTRATIVE AND OTHER OFFICERS 1966-67

President.....Robert A. L. Mortvedt

Academic Administration

Academic Vice President.....Thomas H. Langevin
 Director of Graduate Studies
 Director of Summer Session
 Registrar.....Loleta G. Espeseth
 Dean of the College of Arts and Sciences.....Charles D. Anderson
 Dean of the College of Professional Studies.....Richard D. Moe
 Director of the School of Business Administration.....Gundar J. King
 Director of the School of Education.....Kenneth A. Johnston
 Director of the School of Fine and Applied Arts
 Director of the School of Nursing.....Eline Kraabel Morken
 Director of Teacher Placement.....Arne K. Pederson
 Librarian.....Frank H. Haley

Business Administration

Vice President—Business and Finance.....A. Dean Buchanan
 Business Manager.....Allen P. Lovejoy
 Plant Manager.....William Campbell
 Acting Manager of the Bookstore.....Doris McCarty
 Director of Food Service.....Edith Dougherty
 Director of Athletics.....H. Mark Salzman

Development

Vice President for Development.....Clayton B. Peterson

Public Relations

Vice President—University Relations.....Milton L. Nesvig
 Director of Admissions.....J. E. Danielson
 Assistant Director of Admissions and
 Financial Aids Officer.....James Van Beek
 Assistant Director of Admissions.....Jon B. Olson
 Director of Alumni Relations.....Lawrence J. Hauge
 Associate in Alumni Relations.....Arthur O. Pedersen
 Director of Church Relations.....Harvey J. Neufeld
 News Bureau Chief.....E. Joseph Schneider

Student Personnel Service

Vice President—Student Affairs.....Daniel R. Leasure
 Assistant to Vice President—Student Affairs and
 Director of Housing.....Leighland Johnson
 Dean of Women.....Margaret D. Wickstrom
 Director of Counseling and Testing Service.....Sven T. Winther
 Nurse.....Gladys Bergum
 Physician.....Louis Rosenblatt, M.D.

Student Congregation

University Chaplain.....John O. Larsgaard

 SUMMER SESSION FACULTY—1967

Akre, Elvin M., M.A.	Associate Professor of History
Alseth, Richard A., B.S.	Instructor in Health and Physical Education
Anderson, Joseph L., Ph.D.	Assistant Professor of Religion
Bassett, Abe J., Ph.D.	Assistant Professor of Speech
Batker, Kenneth E., M.A.	Assistant Professor of Mathematics
Bexton, W. Harold, Ph.D.	Professor of Psychology
Blomquist, Grace E., M.A.	Associate Professor of English
Carlson, Roy E., M.S.	Assistant Professor of Physical Education
Cather, Melba J., M.A.	Instructor in Nursing
Chambers, Alice-Marie B., B.S., M.A.	Assistant Professor of Education
Connolly, Linda B., M.A.	Instructor in Mathematics
Culver, Lowell W., M.A.	Assistant Professor of Political Science
Davis, James E., M.A.	Instructor in Economics
DeBower, Carrol E., Ed.D.	Assistant Professor of Education
Elwell, George, M.A.	Assistant Professor of Art
Espeseth, Rolf, S.M.D.	Associate Professor of Music
Giddings, William P., Ph.D.	Associate Professor of Chemistry
Gilbertson, Gordon O., M.M.	Associate Professor of Music
Govig, Stewart D., Ph.D.	Associate Professor of Religion
Hagen, Arnold J., Ed.D.	Associate Professor of Education
Huber, Curtis, Ph.D.	Associate Professor of Philosophy
Huestis, Laurence, Ph.D.	Assistant Professor of Chemistry
Johnson, Lucille, M.A.	Associate Professor of English
Johnston, Kenneth A., Ed.D.	Professor of Education
Jones, Albert H., Ph.D.	Assistant Professor of Education
Karl, Theodore O. H., M.A.	Professor of Speech
King, Gundar J., Ph.D.	Professor of Business Administration
Kittleson, Lars, M.F.A.	Assistant Professor of Art
Kitzman, Marion J., M.A.	Associate Professor of Art
Klopsch, Raymond A., Ph.D.	Associate Professor of English
Knapp, Calvin, M.S.	Assistant Professor of Music
Lange, Karin H., M.A.	Instructor in German
Lee, Donald G., Ph.D.	Associate Professor of Chemistry
Leraas, Harold J., Ph.D.	Professor of Biology
Lundgaard, Gene C., M.S.	Assistant Professor of Physical Education
Martinson, Arthur D., Ph.D.	Assistant Professor of History
Moon, Victor B., M.S.	Instructor in Political Science
Napjus, Alice, M.A.	Assistant Professor of Education
Nordquist, Philip A., Ph.D.	Associate Professor of History
Ostenson, Burton T., Ph.D.	Professor of Biology
Pattie, Donald L., M.A.	Instructor in Biology

Pederson, Arne K., M.A.	Associate Professor of Education
Peterson, Charles A., Ph.D.	Associate Professor of Business Administration
Reigstad, Paul M., Ph.D.	Professor of English
Ringe, Louis D., M.S.	Assistant Professor of Geology
Salzman, H. Mark, M.A.	Associate Professor of Physical Education
Schiller, Johannes A., M.A.	Associate Professor of Sociology
Schnackenberg, Walter, Ph.D.	Professor of History
Severtson, S. Erving, Ph.D.	Assistant Professor of Psychology
Sjoding, Theodore C., Ph.D.	Professor of Education
Skones, Maurice H., M.Ed.	Associate Professor of Music
Stein, Lynn S., Ed.D.	Associate Professor of Education
Tollefson, Dorothy M., M.Ed.	Assistant Professor of Nursing
Utzinger, Vernon, Ph.D.	Professor of Speech
Williamson, E. Jane, Ed.D.	Associate Professor of Education
Young, Rhoda H., M.S.	Associate Professor of Physical Education

VISITING FACULTY

Bumgardner, Helen, B.A., M.L.S.	Assistant Lecturer in Education Librarian, Clover Park Senior High School
Christopher, Stefan, B.A., M.A., Ph.D.	Associate Professor in Sociology Assistant Professor, University of Washington
Fulkerson, Russell, B.A.	Assistant Lecturer in Education Mathematics Instructor, Secondary Schools, Franklin Pierce District
Herminghaus, Ellen, B.A., M.A.	Assistant Lecturer in Education Director of Secondary Curriculum, Pierce County Schools
Johnson, Luella, B.A.	Assistant Lecturer in Education Kindergarten Teacher, Clover Park Schools
Keblbek, Margaret, B.A., M.A.	Associate Lecturer in Education School Psychologist, Tacoma Public Schools
Levine, Phillip, B.A., M.F.A.	Assistant Lecturer in Art Artist, Seattle, Washington
Mathers, Marjorie, B.A., M.A.	Associate Lecturer in Education Elementary Principal, Highline School District
Olafson, Robert, B.A., M.A., Ph.D.	Associate Professor in English Department of English, California State College
Purvis, Gail D., B.A., M.A.	Assistant Professor in French Public Schools, Eugene, Oregon
Schimke, Albert, B.A.	Assistant Lecturer in Education Special Education, Franklin Pierce School District

GENERAL INFORMATION

Location

Pacific Lutheran University, the only degree-granting school of the Lutheran Church in the Pacific Northwest, is located in Tacoma, Washington, an attractive city of about 180,000 inhabitants; it is near Mount Rainier and the Narrows Bridge, third largest suspension bridge in the world.

The 125-acre university campus is situated in the heart of the Evergreen playground where there is a healthful climate and beautiful scenery. Railroads and highways make the university easily accessible from all parts of the country. Tacoma city buses run regularly to and from downtown and stop in front of the campus.

Accreditation

Pacific Lutheran University is fully accredited by the Northwest Association of Secondary and Higher Schools as a four-year institution of higher education. In addition, the University is accredited by the Washington State Board of Education and by the National Council for Accreditation of Teacher Education for the preparation of elementary and secondary teachers with the Master's Degree as the highest degree approved. This accreditation gives Pacific Lutheran graduates clear reciprocity in many other states.

Pacific Lutheran University recommends its graduates to the State Superintendent of Public Instruction for certificates. The University is a member of the Association of American Colleges, the American Council of Education, and the National Lutheran Educational Conference.

Registration

While registration occurs chiefly on June 16, students may register at the University any time after June 12.

Students who desire a transcript to be evaluated or who need a progress chart brought up to date must call at the office by appointment prior to June 12.

Registration for the first term must be completed by Tuesday, June 20.

Registration for the second term must be completed by Friday, July 21.

Students planning to attend the entire summer session should complete registration for both terms at the time of the initial registration.

Refer to the calendar on page 1 for opening dates of classes.

Change of Registration, Withdrawals

Any addition or withdrawal from a course must be made in the Registrar's office.

A fee of \$2.00 is charged for a schedule change made after completion of registration unless such change is requested by the University authorities.

Students who register for first term only and later decide to enroll for the second term may do so by adding the desired courses and paying the balance of the full session fees. Students registered for both terms who decide not to continue in the second term must make an official withdrawal from the second term course.

Official withdrawals will be given any time during the session if the student is doing satisfactory work. Dropping a course at any time without informing the Registrar's office will be classified on the record as a failing grade, which is an "E."

Expenses

Tuition, per credit hour.....	\$35.00
Matriculation (paid only by students entering for first time).....	5.00
Audit fee, per credit hour.....	10.00
Diploma and graduation fee for each degree.....	15.00
Private instruction in piano, organ or instrument, per ½ hour lesson (for credit, minimum of 16 lessons)*.....	45.00
Rent fee for piano.....	2.50
Rent fee for organ.....	5.00
Board and room, per term (2 in room) (15 meals per week).....	100.00
Board and room, per term (1 in room) (15 meals per week).....	115.00

*Students may register for fewer lessons at \$3.00 per lesson if no credit is desired.

Refunds

Partial tuition refund of fifty per cent may be made only during the first week when withdrawal from the University results from sickness or causes beyond the control of the student.

No room refund is given. A pro rata refund will be made for board after one week of absence. No fees are refunded.

Student Load

For undergraduate students, ten credits constitute a regular load for the summer session; five credits constitute a regular load for one term. Students with a grade point average of 3.0 or above may register for a maximum of twelve credits for the full summer with the consent of the Director of the Summer Session.

The normal load for graduate students is eight credits. The maximum load for the summer session is ten credits; maximum load per term is five credits.

Credits earned at Pacific Lutheran University are semester credits. (A two semester credit course is equivalent to three quarter credits.)

Class Hours

All classes will meet daily except when specified.

Building Symbols

- A Administration Building.
- AB Art Building.
- EC Eastvold Chapel.
- G Gymnasium.
- L Library.
- R Ramstad Hall

ADMISSION

Freshmen

Graduates of an accredited high school in the State of Washington should fill out the general application blank which is on file in the high school principal's office. Alternatively, the Admissions office at the University will forward the blank on request. In addition the University requires two character recommendations from individuals who are personally acquainted with the applicant. These forms may be obtained by writing to the Admissions Office.

Regular Students, Advanced Standing

Regular students of Pacific Lutheran University are admitted under the rules that apply for any semester. Students who have done work in another accredited college will be granted advanced standing for previous work. Such credits will be accepted toward a degree insofar as work taken is equivalent to the curriculum in which the student wishes to graduate. Transcripts of work from other institutions should be sent to the Registrar's office, where an evaluation of credits will be made on request.

Transient Students

Transient students who enroll for the summer session only, without intention of working toward a degree from this institution or for a teaching certificate, will not be required to file transcripts from other institutions attended. Instead they may file a letter of academic standing from the last previous institution attended or give other evidence of being prepared for college work. They may enroll in any course for which they have the necessary prerequisites and qualify in terms of classification.

UNIVERSITY FACILITIES

University Housing

The University requires all **undergraduate** single students attending summer school to live in residence halls unless living at home. Students who will be 23 years of age or more by the first day of summer school may live off campus if they desire.

Apply for residence hall accommodations to the Director of Housing. A room deposit is not required but occupants will be held responsible for breakage or damage to the room or its furnishings. A key deposit of \$5.00 will be required when moving into the residence hall.

Two students will be assigned to a room. Single room requests will be honored if space is available. Students will continue throughout the summer in the same rooms unless the University closes a section of a residence hall.

Residence hall rooms are furnished with single beds, chests of drawers, study desks, desk lamps and chairs. Students provide their own pillows, blankets, sheets, pillow-cases, towels and other furnishings to their own taste. Electrical appliances which are permitted are: clocks, small radios and record players, and typewriters. Other electrical items must have the approval of the Head Resi-

dent. Such items as sun lamps, TV's, hot plates and other cooking appliances are NOT permitted.

Women's Residence Hall

Stuen Hall, a new three-story brick and steel building, has been set aside for the use of summer school students. Each room will accommodate two students, but single occupancy may be requested. Facilities include lounges with kitchens, typing rooms and a self-service laundry.

Men's Residence Hall

Delta Hall will house men attending the summer session. Rooms accommodate two students and each has its own shower and lavatory. Facilities include a lounge and a self-service laundry.

Housing for Married Students

The University maintains 17 apartments on the campus for married students. Other apartments are available in Parkland and Tacoma. The University cannot guarantee housing for its married students; however, every effort will be made to have sufficient housing available. Students desiring housing should write to the Director of Housing before June 1.

Food Service

All students living in the University residence halls are required to eat in the University dining hall in the College Union Building. No meals are served on Saturdays or Sundays.

Coffee Shops

The coffee shop located in the College Union Building is open Monday through Friday.

The coffee shop in Columbia Center (The Golf Shop) will be open every day of the week from 6:30 a.m. to 10:00 p.m.

Recreation

The Pacific Lutheran University campus enjoys the geographical advantage of being in the center of a large recreation area. The University is just two blocks off the main highway to Mt. Rainier, internationally known mountain resort. Ski areas, salt or fresh water swimming, picnic grounds, and outdoor athletic facilities are accessible. The new indoor swimming pool will be open to students.

Chapel Exercises

Chapel exercises will be held at 9:50 a.m. each Tuesday and Thursday morning in the Jacob Samuelson Chapel. Attendance is voluntary.

Bookstore

For the convenience of the students the University maintains a bookstore where books, stationery and school supplies may be obtained. The bookstore is located in the College Union Building. All sales are on a strictly cash basis.

Outdoor Sports Facilities

One feature of the campus is a beautiful nine-hole golf course which is open to students all summer. For tennis players there are four hard-surfaced courts. Beaches on lakes and Puget Sound are within a short driving distance of the University.

VETERANS' INFORMATION

The University is approved by the Veterans Administration as an institution of higher education for veterans and invites veterans to use its facilities in acquiring and completing their education. Students who receive aid through the Veterans Administration should inform the Veterans Adviser in the Office of Student Affairs so that their enrollment may be certified.

Those who plan to attend the University under the benefits of the public laws for veterans or for orphans of veterans must secure a certificate of eligibility from the regional office of the Veterans' Administration and present this certificate at the time of registration.

Transfer students who have been using public law benefits should contact their previous institution to obtain eligibility for the new place of training well in advance of the beginning date of classes in order that loss of pay may not result.

In order to obtain full subsistence undergraduate veterans and eligible orphans of veterans must carry four or more semester hours per term. Graduate veterans must carry three or more semester hours per term in order to obtain full subsistence.

Veterans who have completed liberal arts courses through USAFI will receive credit as recommended by the American Council on Education.

CERTIFICATION IN THE STATE OF WASHINGTON

Information Concerning the Standard Certificate and Renewal of the Provisional Certificate

I. Fifth College Year of the Program for the Standard Certificate:

The fifth college year of teacher education is to be planned carefully in the light of the teacher's first teaching experience and/or professional goals. This year of study provides an opportunity for further strengthening teaching competence and for specialized study.

A. The fifth year of teacher education is to be completed following a period of at least one year of initial teaching experience. The teacher may complete this study during an academic year or summer sessions in an approved institution of his choice as follows:

1. In a Washington institution with an approved teacher education program. The institution chosen shall be responsible for recommending the teacher for the standard certificate.
2. In an approved out-of-state institution. The teacher's pre-service institution shall be responsible for recommending him for the standard certificate. Prior approval of the teacher's program by his pre-service institution is required to conform with the fifth year pattern of study outlined in B below.

B. The fifth year pattern of study:

1. The teacher's fifth year program shall be approved by the recommending institution:
 - a. The pre-service institution may designate fifth year requirements to the extent of one-half the program subject to the approval of the recommending institution.
 - b. Study shall be in both academic and professional fields.
 - (1) The fifth year shall include a minimum of 30 semester hours of which at least 50 per cent are in studies of the third, fourth, and post-graduate years.
 - (2) Not more than 8 semester hours of extension and/ or correspondence study may be approved.
 - (3) A minimum of one-half of the fifth year shall be taken in residence in the recommending institution or in an approved out-of-state institution. Pacific Lutheran University requires 20 semester hours of residence for transfer students.
 - (4) It is recommended that only 10 of the 30 required semester hours be completed prior to or during the first year of teaching experience. Teacher education institutions may permit individual students to take as many as 20 semester hours of the fifth year prior to teaching experience.
 - c. Two years of satisfactory teaching experience are required for the issuance of the Standard Certificate. The candidate should request letters verifying successful experience be forwarded to School of Education, Pacific Lutheran University.

C. Specific requirements and procedures:

1. Specific course requirements:
 - a. Education 557, Evaluation, or its equivalent. (Education 416, Parent-Teacher Conference may be used by elementary teachers.)
 - b. Education 571, School Guidance Program, or Education 370, Principles of Guidance.
2. Any courses recommended for the individual student prior to the granting of the Bachelor's degree must be taken. These may be recommended by either the area adviser or the School of Education.
3. Courses taken should strengthen areas of concentration and build stronger general education background as well as fill needs in the professional field. This program of studies is to be selected by the student with the guidance of those who have worked with him during his period of initial teaching and the advisers at the recommending institutions.
4. The student secures approval of the recommending institution for work taken elsewhere before the work is begun.

Some of the work taken during the fifth year may also apply toward the Master of Arts degree for those who meet the requirements. A student must not plan that these two curricula shall coincide. The program as set up for the fifth year shall take precedence and must be finished first.

II. Renewal of Provisional Certificate:

A. Provisional certificates, based on satisfactory completion of a four-year pre-service program, are issued for a period of three years upon recommendation of teacher education institutions. They are renewable **once** through the State Superintendent's office for a three-year period as follows:

1. On completion of 12 quarter hours (8 semester hours) of the fifth-year college program and one year of successful teaching.
2. On application for persons who have not taught during the three-year life of the certificate.

Principal's Credentials Requirements*

The candidate for the principal's credentials will be guided by the following:

1. He must meet graduate standards for the Master's degree.
2. He must work toward the provisional principal's credentials at his chosen level. To receive this it is required that he have completed work for his Standard Teaching Certificate plus six semester hours.
3. He must complete experience and study requirements for the Standard Principal's Credential at his chosen level. To receive this he needs to have (1) had administrative experience, (2) earned a minimum of eight more semester hours, and (3) earned his Master of Arts degree.

Students who intend to work toward the Master of Arts degree in the field of education must apply for admission to the Division of Graduate Studies and meet the requirements outlined by that Division. Candidates should see the course requirements as set forth in the Master of Arts brochure.

*Details of the program are available at the School of Education upon request.

DIVISION OF GRADUATE STUDIES

Purpose

The Division of Graduate Studies is an all-university division coordinating and integrating the work of the undergraduate schools and colleges, which through its various departments provides graduate level work. Its general objective is to further the basic objectives of the University by providing advanced graduate level academic and professional work. Its specific objectives are: (1) to increase the breadth and depth of understanding of the graduate student in one or more of the liberal arts disciplines, (2) to increase the student's knowledge of the research being done in his field of concentration and to increase his ability to read the professional journals of his area of interest, (3) to develop the student's ability to do independent study and research, and (4) to prepare students through the upper division and graduate division, and through the University's professional schools, for entry into a vocation directly, or to enter other graduate schools for further advanced study leading to the Doctor's degree.

Admission

Students holding a Bachelor's degree from an accredited college or university who attained an undergraduate scholastic honor-point ratio of 3.0 may be admitted and granted **regular status** in the Division of Graduate Studies. Those with less than an average of 3.0 will not be considered for **regular status** until they have demonstrated their ability to do graduate work by a minimum of 10

semester hours work with a grade point average of 3.0. Students majoring in an area of professional education must have met all requirements for teaching certification. All students expecting to enter the Division of Graduate Studies will be expected to take an admission examination at the University's Counseling and Testing Center or present evidence of prior examination, and have the results forwarded to the Graduate Office. Further supporting evidence in the form of personal recommendations may be requested.

Students applying for admission to graduate study as **regular status** students should submit the completed application blank (available from the Graduate Office) plus two official copies of transcripts of all previous college work. This should be done before the first session of registration in graduate courses. In order to insure consideration for entrance in a given term, applications should be made by August 15, December 15, and May 1. Effective in September, 1967, a ten-dollar non-refundable application fee should accompany the application. This is a service fee and is not applied to the student's account. Checks or money orders should be made payable to Pacific Lutheran University and sent to the Director of Admissions. Approval of admission to the Division of Graduate Studies does not imply admission to candidacy for the degree. Final admission approval is determined by the Director of Graduate studies in consultation with the appropriate Graduate Council Committee.

Classification of Students Admitted to Graduate Work

1. Those students approved for unqualified admission to graduate study by their respective Graduate Council Committee are granted **regular status**.
2. Students admitted under the provision of **special status** may include those who wish to pursue course work with no intention of qualifying for an advanced degree, those who are transient registrants and those who fail to qualify for admission to **regular status**.

ASSIGNMENT TO ADVISERS

Regular Status students are assigned a major adviser by the Director of Graduate Studies in consultation with the appropriate Graduate Council Committee.

Special Status students are advised by the chairman or director of the student's major department or school.

Master's Degrees Offered

Master of Arts*

1. Education

- (a) **Elementary or Secondary School Administration***—The student who wishes to qualify for the **provisional or standard principals credential** (elementary or secondary or general) will take a major in this field and a minor in one of the academic departments of the University. Students may major in this field without qualifying for a principal's credential.
- (b) **Guidance and Counseling***—The student who wishes to qualify as a public school counselor will take a major in this field and a minor in one of the academic departments of the University.
- (c) **Elementary Classroom Teaching***—This program is for those students who wish to qualify as elementary school supervisors or consultants. Along with the major in this field the student is required to complete an academic minor.

(d) **Secondary Classroom Teaching***—This program is for those students who wish to increase their preparation for the teaching of the social sciences.

2. **Humanities***—This degree program is designed for librarians, ministers of the gospel, teachers and others who wish to extend and broaden their understanding and appreciation of the various fields of the Humanities.

*Details of this program may be obtained from the office of the Director of Graduate Studies.

3. **Social Sciences***—This degree program is designed for personnel workers in industry, welfare workers, librarians, ministers of the gospel, teachers, and others who wish to extend and broaden their understanding and appreciation of the various fields of the Social Sciences.

Master of Business Administration*—This degree program is designed to provide, through education, a foundation for responsible leadership in business.

Master of Natural Science*—This degree program is designed especially for teachers who need to extend and broaden their knowledge in the fields of science and mathematics.

*Details of this program may be obtained from the office of the Director of Graduate Studies.

The total graduate program, including approval of the student's research work, is supervised by a student advisory committee composed of the major advisor and two other faculty members as determined by the appropriate Graduate Council Committee. A minimum of thirty semester hours is required. Six semester hours of graduate work may be taken at another institution provided that approval has been given by the student advisory committee.

Regular Status students must have their proposed programs of courses approved by their respective student advisory committees before or during the first session of registration as a regular status student.

Standards of Work

The minimum standard acceptable for regular status students is a grade point average of 3.0 in his major field and an overall average of 3.0 in his graduate work.

Research Requirements

As an important part of his Master's program, the student is required to show that he can do independent research. In some programs a thesis is required. In other programs he may elect to follow one of two plans: complete a thesis or write two or three research papers. Whichever plan he follows, before embarking on his research, the candidate must present an outline of his proposed research to his advisory committee for approval. This outline should follow a prescribed plan obtainable upon request. After his proposal for research has been approved, he must report to the appropriate adviser periodically for evaluation of his work. The research in its final form must be presented to the student advisory committee for its approval. This must be done **at least**

six weeks before awarding of the degree. Where a thesis is required it must be written in the major field of concentration. Where a thesis is not required, the research may all be done in the major or partly in the major and partly in the minor.

Under the thesis plan, the student is required to submit two typewritten copies of his thesis (to be bound later), the original for deposit in the University library and the first carbon copy for the Division of Graduate Studies. The student will be expected to present evidence that he has paid the necessary binding fees for the thesis at the Business Office. No binding fees are charged for research papers. Under the research paper plan, the student must also deposit typewritten copies of each paper with the Division of Graduate Studies.

Arrangements can be made for the graduate student who wishes to carry on his research during one or both of the summer sessions.

Examinations

A written comprehensive examination and/or oral examination over the student's program of studies, as well as an oral examination on the thesis of research papers, is required. These examinations over the student's program of studies are under the direction of the major advisor and/or the student advisory committee and must be successfully passed not later than six weeks prior to the commencement. The oral examination over the thesis or research is under the direction of the student advisory committee and must be completed not later than four weeks prior to commencement.

Time Limit

All requirements for the Master's degree must be completed within seven years. The seven-year period covers all work submitted for the completion of the Master's degree regardless of whether the work was taken as special status or regular status, as well as credit transferred from another institution, comprehensive examination, thesis, and final oral examination.

Residence Requirement

All candidates for the Master's degree must complete a minimum of 24 hours in residence. This requirement may be fulfilled by either one full academic year in attendance or three full summers.

In certain fields students may meet the requirements for the Master's degree on a full-time basis by attending one full academic year and one summer session. The requirements may also be met by attending summer sessions only or on a part-time basis during the regular academic year.



WASHINGTON:

THE EVERGREEN PLAYGROUND



Clam digging is a popular recreation on Puget Sound beaches near the campus.



Hand carved Indian totem poles are found throughout the Pacific Northwest.



Scores of federal and state parks and camping areas are located on the shores of Puget Sound and in the nearby Olympic and Cascade mountain ranges.



Ferries take passengers and vehicles all over scenic Puget Sound.



In addition to the University's 9-hole golf course, there are many public courses in the area.



Totem poles are located in the Northwest.



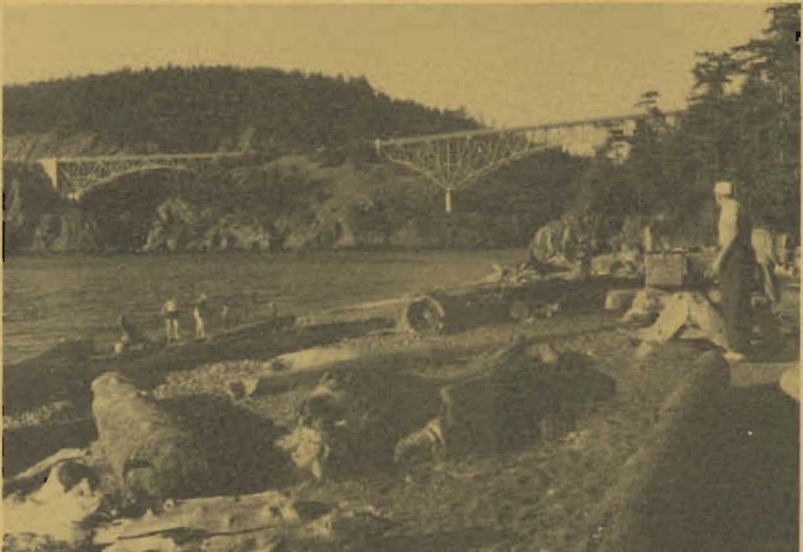
Beaches are located in Puget Sound waters.



Salmon fishing is excellent in nearby Puget Sound and Pacific Ocean waters.

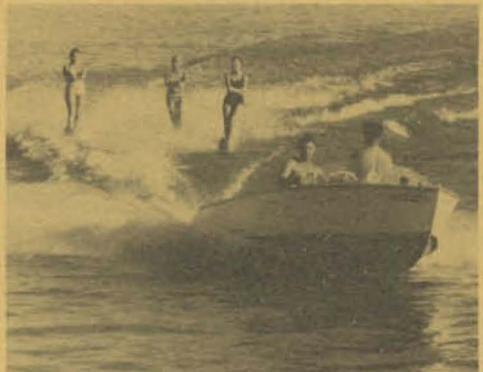


Waterfalls, streams and lakes abound in the Evergreen Playground of Western Washington.



Puget Sound beaches are ideal for picnicking.

Smelt fishing in the surf of the Pacific Ocean.



Boating and water skiing are available on nearby lakes and on Puget Sound.



SUMMARY OF PROCEDURES FOR MASTER'S DEGREE

Procedures	Under the Direction of	Date
Application for admission to the Division of Graduate Studies	Director of Graduate Studies	Before the first session of registration as a regular status student
Approval of admission	Director of Graduate Studies and Graduate Council Committee	Before the first session of registration as a regular status student
Approval of degree program	Student Advisory Committee	During the first session of registration as a regular status student
Approval of each registration	Major advisor	During the official registration dates
Selection and approval of thesis problems or problems for research papers	Student Advisory Committee	Not later than the semester before the commencement in which student takes his degree
Progress reports on thesis or research papers	Major advisor	Periodic Evaluation and approval
Registration for thesis or research papers	Registrar's Office	Not later than the last registration dates before the semester in which student takes his degree
Comprehensive written and/or oral examination over student's program of studies	Major advisor and/or Student Advisory Committee	During final year but not later than six weeks before commencement in which student takes his degree
Filing of thesis or research papers	Student Advisory Committee	During final year but not later than six weeks before commencement
Final oral examination on thesis or research papers.	Student Advisory Committee	During final year but not later than four weeks before commencement
Graduation fee and fee for binding thesis.	Business Office	During final year but not later than four weeks before commencement
Recommendation to the faculty for the awarding of the degree	Director of Graduate Studies	Not later than three weeks prior to commencement

COURSES OF INSTRUCTION

Courses open to freshmen and sophomores are numbered 101-299 and are considered lower division subjects. Courses open to juniors and seniors are numbered 300-499 and are regarded as upper division subjects. Courses numbered 500 or above are open to graduate students only. Courses numbered in the 300's and 400's are open both to graduates 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.

Independent study may be authorized in certain specific cases if arranged by the department and approved by the Director of the Summer Session and the Dean concerned.

Lower division students may take upper division courses and have them apply toward the 40 hour requirement provided that prerequisites have been met.

The University reserves the right to modify specific course requirements, to discontinue classes in which the registration is regarded as insufficient, and to withdraw courses.

All classes meet daily except when specified.

Number after course title indicates semester hours credit given.

ART

- 111 Fundamentals of Art 3** **Second Term**
 Study of the basic elements, principles, and philosophies of art leading to a sound foundation for further studio work and/or intelligent aesthetic response to existing art heritage. Lecture-studio experiences are combined 1:10 to 4:10 p.m., A-105.
 Mr. Elwell
- 112 Drawing and Painting 2** **Second Term**
 Introduction to basic media and techniques of drawing. A systematic series of exercises structured to develop observation, perception, empathy and draughtsmanship. Prerequisite: Art 110, 111. 1:10 to 3:35 p.m., AB.
 Mr. Kittleson
- 213 Ceramics 2** **First Term**
 A course for beginners in ceramic techniques and methods including modeling, potter's wheel, kiln firing, mold making and basic glaze preparation. 1:10 to 3:35 p.m., ABb.
 Mr. Levine
- 215 Sculpture 2** **First Term**
 A course for beginners in the various techniques and methods of sculptural form. 10:15 a.m. to 12:30 p.m., ABb.
 Mr. Levine
- 231 Oil Painting 2** **First Term**
 Introduction to basic studio media and techniques, stressing the importance of sound painting methods. Fundamental experiences in visual expression through descriptive imagery, abstraction, and non-objective approaches. Prerequisite: Art 110, 111, 112. 10:15 a.m. to 12:30 p.m., AB.
 Mr. Kitzman

- 313 Ceramics 2** **First Term**
 Emphasis on individual study of form and design in pottery including an experimental study of glazes. Prerequisite: Art 213. 1:10 to 3:35 p.m., ABb. Mr. Levine
- 314 Ceramics 2** **First Term**
 Continuation of Art 313. 1:10 to 3:35 p.m., ABb. Mr. Levine
- 315 Sculpture 2** **First Term**
 Offers concentration in more and varied media and technique. Media are clay, plaster, stone, wood, and welded metals. Prerequisite: Art 215. 10:15 a.m. to 12:30 p.m., ABb. Mr. Levine
- 316 Sculpture 2** **First Term**
 Continuation of Art 315. 10:15 a.m. to 12:30 p.m., ABb. Mr. Levine
- 325 Art in the Elementary School 2** **Second Term**
 A course planned for those who intend to teach art in the elementary grades. Appropriate projects in drawing, design and construction are developed in various media to illustrate the types of work which are suitable to the interests and abilities of these pupils. Prerequisite: Art 111, or consent of instructor. MWF 10:15 a.m. to 12:30 p.m., and TTh 11:30 a.m. to 12:30 p.m., AB. Mr. Elwell
- 331 Oil Painting 2** **First Term**
 Continuation embodying extension of emphasis outlined in beginning painting with further development of individualized pursuit of visual expression. 10:15 a.m. to 12:30 p.m., AB. Mr. Kitzman
- 332 Oil Painting 2** **First Term**
 Continuation of Art 331. 10:15 a.m. to 12:30 p.m., AB. Mr. Kitzman
- 413 Ceramics 2** **First Term**
 A continuation of Art 313, 314, with emphasis on the individual student direction and specialization in style and technique. Prerequisite: Art 313, 314. 1:10 to 3:35 p.m., ABb. Mr. Levine
- 414 Ceramics 2** **First Term**
 Continuation of Art 413. 1:10 to 3:35 p.m., ABb. Mr. Levine
- 415 Sculpture 2** **First Term**
 A continuation of Art 315, 316 with an emphasis on individual direction and specialization in the chosen media. Prerequisite: Art 315, 316. 10:15 a.m. to 12:30 p.m., ABb. Mr. Levine
- 416 Sculpture 2** **First Term**
 Continuation of Art 415. 10:15 a.m. to 12:30 p.m., ABb. Mr. Levine
- 421 History of Modern Art 3** **Second Term**
 A course in which a comprehensive survey is made of architecture, sculpture and painting from the early nineteenth century to the present. 10:15 a.m. to 12:30 p.m., A-217. Mr. Kittleson
- 431 Oil Painting 2** **First Term**
 A continuation of 331, 332 with an emphasis on individual student direc-

- tion and specialization in style and technique. Prerequisite: Art 331, 332.
10:15 a.m. to 12:30 p.m., AB. Mr. Kitzman
- 432 Oil Painting 2** **First Term**
Continuation of Art 431. 10:15 a.m. to 12:30 p.m., AB. Mr. Kitzman
- 440a Art in the Secondary School 2** **First Term**
A course planned for those who intend to teach art in the secondary school.
Prerequisite: Art 111 or consent of instructor. MWF 8:45 to 10:05 a.m.,
TTh 8:45 to 9:45 a.m., AB. Mr. Kitzman
- 450 Special Projects 2-4** **First Term**

BIOLOGY

- 311 Ornithology 2** **First Term**
A study of the birds, with emphasis on local kinds. Designed for students with a hobby interest in birds as well as for advanced students in biology. Prerequisite: one year of biology, or consent of instructor. MWF 7:30 to 8:40 a.m., TTh 7:30 to 9:45 a.m., R-203. Mr. Leraas
- 342 Trees and Shrubs 2** **First Term**
A study of native trees and shrubs occurring in western Washington. Field identification and taxonomy will be emphasized along with a consideration of conservation and economic factors. Course work will include lectures, field trips and techniques of collecting and preparing herbarium specimens. Prerequisite: one year of biology, or consent of instructor. MWF 1:10 to 2:20 p.m., TTh 1:10 to 3:25 p.m., R-211. Mr. Leraas
- 351 Natural History of the Pacific Northwest 5** **Second Term**
An extensive field and laboratory course covering major phases of the natural history of the region. Designed as a workshop in outdoor education especially for teachers of science at elementary and junior high levels. Lectures, laboratory studies and field work. Prerequisite: Science (General) 121 or Biology 122 and consent of instructor. Enrollment limited. Lecture, 10:15 a.m. to 12:30 p.m., R-108. Laboratory, 1:20 to 3:30 p.m., R-211. Mr. Ostenson
- 424 Ecology 4** **First Term**
A study of plants and animals in relation to their environment. Prerequisite: Biology 122 or 132. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., R-209. Laboratory, 10:15 a.m. to 12:30 p.m., R-203. Mr. Pattie
- 502 Research 1-2** **Either Term**
To be arranged. Staff

BUSINESS ADMINISTRATION

- 365 Real Estate 3** **First Term**
Land and buildings, legal forms, real estate market, appraisal, financing real estate, public interest, property development and management, location theory. 7:40 to 9:45 a.m., A-217. Mr. Peterson

- 441 Statistical Methods 3** **First Term**
(See Economics 441).
- 512 Accounting Information and Control 2** **May 29 - June 29**
Develops the use of accounting data and systems for inventory costing, cost control, profit planning, and decision making. Permission of the School of Business Administration. TTh 6:00 to 8:45 p.m., A-217. Mr. Peterson
- 550 Organizational Behavior 2** **May 29 - June 29**
The science and art of management is explored with special emphasis on the contributions from industrial psychology and sociology. This course is centered on the study of groups and work teams as related to the functions of directing and controlling. Prerequisite: BA 351 or permission of the School of Business Administration. MW 6:00 to 8:45 p.m., A-221.
Mr. King
- 595 Methods and Techniques of Research 2** **Second Term**
(See Education 595).
- 596 Research in Business I 1-2** **Either Term**
For those Master of Business Administration candidates who elect to write two research papers rather than a thesis. Candidates will be required to review their research papers before the Graduate Student's Advisory Committee. Time to be arranged. A-225.
Staff
- 597 Research in Business II 1-2** **Either Term**
See BA 596. Time to be arranged. A-225.
- 598 Thesis 3-4** **Either Term**
Time to be arranged. A-225.

CHEMISTRY

- 203, 204 Organic Chemistry 4, 4** **Nine Weeks**
An interpretation of properties and reactions of aliphatic, aromatic, and heterocyclic compounds on the basis of current chemical theory. Laboratory work provides an introduction to conventional and modern techniques for the synthesis and study of organic compounds. Prerequisite: Chemistry 109, 110 or a year of general chemistry. 8:45 to 9:45 a.m. and 10:15 to 11:15 a.m., R-112. Laboratory, TWTh 12:30 to 5:00 p.m., R-301.
Mr. Giddings, Mr. Huestis, Mr. Lee
- 441, 442 Independent Study 1-3, 1-3** **Either Term**
Open to qualified upper-division students who wish to study some chemical topic not covered by a regular course. Proposed project must be approved by the chairman of the department.
Staff
- 451, 452 Research 1-3, 1-3** **Either Term**
Open to superior upper-division students. Prerequisite: Consent of the chairman of the department.
Staff
- 551, 552 Graduate Research 2-4, 2-4** **Either Term**
Open to Master's degree candidates only. Prerequisite: Consent of the chairman of the department.
Staff

ECONOMICS

- 300 General Economics 3** **First Term**
 An introductory course in economics designed to meet the needs of upper division students. Not open to anyone who has received credit for Economics 101. 10:15 a.m. to 12:30 p.m., A-217. Mr. Davis
- 441 Statistical Methods 3** **First Term**
 Descriptive statistics: measures of position and dispersion, proportions, index numbers, and time series. Inferential statistics: estimation and the testing of hypotheses by parametric and nonparametric techniques. Regression and correlation analysis. 7:40 to 9:45 a.m., A-219. Mr. Davis

EDUCATION

- 201 Introduction to Education 3** **Nine Weeks**
 A survey of educational problems and issues to orient new students to the profession. A study of the State Manual and a "project" involving actual experience with children is included. 1:10 to 2:10 p.m., A-202. Mr. Pederson, Mr. Hagan
- 312 The Teaching of Reading—Elementary 3** **First Term**
 A survey of teaching reading in the elementary grades, including the programs in the newer approaches. Materials, methods, techniques, procedures, and some diagnosis of reading difficulties. Prerequisite: satisfactory completion of Education 201 or consent of instructor. 10:15 a.m. to 12:30 p.m., A-117. Mrs. Napjus
- 314 The Teaching of Reading—Secondary 2** **First Term**
 A survey of teaching reading in the secondary school, including attention to the developmental reading programs. Materials, methods, techniques, procedures, and some observation and diagnosis of reading difficulties. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-117. Mrs. Napjus
- 315 Instructional Materials 2** **Second Term**
 A survey of audio and visual materials and aids, their use, organization and administration in the school. 10:15 to 11:25 a.m., Library, Graphics Studio. Mr. Hagan
- 319 The Teaching of Arithmetic 2** **First Term**
 An over-all study of the basic mathematical skills and abilities needed by the teacher in the elementary school. Recent developments and materials are considered. 7:30 to 8:40 a.m., A-200. Mr. Fulkerson
- 325 Art in the Elementary School 2** **Second Term**
 (See Art 325).
- 370 Principles of Guidance 2** **First Term**
 A study of procedures used in helping the student achieve suitable goals in school and in society. Emphasis will be given in testing methods for solving various educational, personal, and vocational problems for the student. 7:30 to 8:40 a.m., A-117. Miss Williamson

- 413 Science in the Elementary School 2** **First Term**
 A course designed to acquaint the student with the objectives, materials and methods of teaching science in an integrated program. 7:30 to 8:40 a.m., A-105. **Mr. Stein**
- 414 Social Studies in the Elementary School 2** **Second Term**
 A course designed to acquaint the student with the objectives, materials and methods of teaching the social studies in an integrated program. Open to experienced teachers only. 10:15 to 11:25 a.m., A-200. **Mr. Pederson**
- 416 Parent-Teacher Conference 2** **First Term**
 A study of the principles and techniques of parent-teacher conferences. Procedures for introducing a parent-teacher conference program to the school and community. Evaluation of various grading systems. Open only to experienced teachers and students who have completed student teaching. 11:30 a.m. to 12:40 p.m., A-115. **Mrs. Keblbek**
- 417 Storytelling 2** **Second Term**
 Fundamental principles of the art of storytelling, including techniques of selection, adaptation, and presentation for elementary school children. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., L-106. **Mrs. Bumgardner**
- 422 Basic Reference Materials (Librarianship) 2** **Second Term**
 An introduction to those services of a school librarian related to the presentation of the materials, book and non-book, which form the sources of reference for the informational function of the library. 11:30 a.m. to 12:40 p.m., L-106. **Mrs. Bumgardner**
- 423 Language Arts in the Elementary School 2** **Second Term**
 A course designed to give the elementary teacher, grades one through six, an understanding of how to teach the language arts in a functional manner. The areas covered and skills studied will be in the fields of reading, writing, grammar and usage, penmanship, spelling, speaking, listening, vocabulary building. 10:15 a.m. to 11:25 a.m., A-115. **Mrs. Mathers**
- 428 Kindergarten 2** **Second Term**
 A study of the kindergarten child and his adjustment problems. Special emphasis on activities and procedures for his development. MWF 8:45 to 10:05 a.m. and TTh 8:45 to 9:45 a.m., A-117. **Mrs. Johnson**
- 436 Human Relations Workshop 3** **June 19 - July 7**
 (See page 3). 9:00 a.m. to 3:00 p.m., A-207. **Mr. Johnston, Mr. Schiller**
- 437 Early Childhood Education 2** **Second Term**
 A course designed to study the needs of young children, their ways of learning and materials for learning, emphasis upon activities developed for 4 to 8 year olds. 10:15 to 11:25 a.m., A-117. **Mrs. Johnson**
- 438 Workshop in Preparation and Utilization of Instructional Materials 3** **First Term**
 (See page 3). 1:20 to 3:25 p.m., Library, Graphics Studio **Mr Stein**
- 439 Conservation Education Workshop 2** **June 26 - July 7**
 (See page 3). 8:00 a.m. to 4:00 p.m., A-204. **Mrs. Herminghaus**

- 448 Driver and Traffic Safety Education II—Advanced 2** **First Term**
 This course is designed for personnel who have had Driver and Traffic Safety Education and continues the development of new and broader teaching competencies in traffic. Laboratory work in simulators, multiple-car areas, and teaching experience in practice driving is included. 8:30 to 11:00 a.m., Franklin Pierce High School. Mr. Schimke
- 449 Reading Center Workshop 2** **June 14 - July 19**
 Clinical study of reading problems and suggested corrective measures. To be taken concurrently with Education 469. 1:30 to 2:30 p.m. (See page 2). Staff
- 469 Directed Teaching in Reading Centers 4** **June 14 - July 19**
 Directed observation and teaching in summer remedial classes in public schools. To be taken concurrently with Education 449. 8:00 a.m. to 12:00. (See page 2). Staff
- 473 Introduction to Counseling 2** **First Term**
 (See Psychology 473).
- 501 History of Education 2** **First Term**
 A study of the history of education, Occidental and Oriental, with particular reference to its bearings on contemporary education. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-221. Mr. Jones
- 509 Comparative Education 2** **First Term**
 A comparative study of the backgrounds, developments, trends, and problems of major national systems of education. 11:30 a.m. to 12:40 p.m., A-200. Mr. Jones
- 529 Diagnosis of Reading Problems 2** **Second Term**
 Causes, prevention, and correction of reading disability cases are emphasized. Various types of reading disability cases are diagnosed in class. Each member of the class will diagnose, tutor, and compile a case study of a reading problem, preferably from his own school. Prerequisite: Education 312 or its equivalent. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-115. Mrs. Mathers
- 546 Curriculum Development 2** **First Term**
 A study of types of curriculum organization and programs and techniques of curriculum development, with a view to preparing the student for his own work on curriculum problems. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-206. Mr. DeBower
- 557 Evaluation 2** **Second Term**
 Evaluation of the outcomes of school experiences. Problems that arise in connection with development, organization, and administration of tests (both standardized and teacher made) will be studied. Required of all fifth year students. Prerequisite: student teaching or teaching experience. 11:30 a.m. to 12:40 p.m., A-117. Mr. Sjoding
- 581 Public School Administration 3** **First Term**
 Administration and supervision of school personnel, plant, and program; the structure and organization of the school system. Prerequisite: teaching experience. 10:15 a.m. to 12:30 p.m., A-206. Mr. DeBower

- 582 **Administrative Internship 2-4** **First Term**
 Internship in school administration planned by the School of Education in cooperation with selected school administrators. Prerequisite: course work in school administration and admission to graduate program. To be arranged, A-121. Mr. Johnston
- 595 **Methods and Techniques of Research 2** **Second Term**
 A study of the various methods and techniques of research with applications and illustrations drawn from the fields of Education and Psychology, and from such fields as Economics, History, Political Science and Sociology. Some practice in research is provided. MW 6:00 to 8:45 p.m., A-214. Mr. Sjoding
- 596, 597 **Research Studies in Education 1-2** **Either Term**
 For those Master of Arts candidates who elect to write two research papers. (One research paper may be in the candidate's minor field written under the supervision of the minor adviser.) Candidates will be required to review their research papers before the Graduate Committee. To be arranged, A-121. Major Adviser
- 598 **Thesis 3-4** **Either Term**
 For those Master of Arts candidates who elect to write a thesis. The thesis problem will be chosen from the candidate's major area of concentration and must be approved by his Graduate Committee. The candidate will be expected to defend his thesis in a final oral examination conducted by his Committee. To be arranged, A-121. Major Adviser

ENGLISH

- 217 **The Short Story 3** **First Term**
 A study of the short story as a narrative form. (May be taken for upper division credit with consent of instructor.) 10:15 a.m. to 12:30 p.m., A-105. Mr. Reigstad
- 218 **Advanced Composition 3** **Second Term**
 Aimed to help the student develop greater accuracy, facility and effectiveness in writing exposition, description and narration. 10:15 a.m. to 12:30 p.m., A-206. Mrs. Johnson
- 321 **Children's Literature 3** **Second Term**
 A study of children's literature and juvenile literature as a rich body of literature in itself and as a guide for book selection in the lower grades. 10:15 a.m. to 12:30 p.m., A-204. Miss Blomquist
- S322 **Advanced Children's Literature 2** **Second Term**
 A continuation of the study of children's books with emphasis on the early writing for children and on the juvenile literature of the last five years; special problems in book selection. Prerequisite: English 321. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-204. Miss Blomquist
- S388 **The Metaphysical Poets of the Seventeenth Century 2** **Second Term**
 MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-206. Mrs. Johnson

S389 Swift, Pope, Defoe 3 10:15 a.m. to 12:30 p.m., A-210.	Second Term Mr. Klopsch
S442 Henry James and Edith Wharton 2 MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-105.	First Term Mr. Olafson
S451 Fielding, Dickens, George Eliot 2 7:30 to 8:40 a.m., A-206.	Second Term Mr. Klopsch
S494 William Faulkner, Ernest Hemingway and F. Scott Fitzgerald 3 10:15 a.m. to 12:30 p.m., A-208.	First Term Mr. Olafson

FRENCH

201, 202 Intermediate French 3, 3 Grammar, readings, laboratory attendance. 7:40 to 9:45 a.m., A-208.	Nine Weeks Mrs. Purvis
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GEOGRAPHY

101 World Geography 3 A survey of the physical and social features of the various countries. Lectures and field trips. 1:20 to 3:25 p.m., R-108.	First Term Mr. Ostenson
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GEOLOGY

365 Glacial Geology of Washington 4 A study of glacial ice, glacial deposits, and land forms resulting from the Pleistocene glaciation in Washington. Lectures, laboratory sessions and field trips (some of 2-3 days duration). Prerequisite: Physical Geology or one year of college laboratory science or permission of instructor. Lecture MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m.; laboratory 10:15 a.m. to 12:30 p.m., R-210. (See page 2).	First Term Mr. Ringe
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GERMAN

201, 202 Intermediate German 3, 3 Grammar review, selected readings. 10:15 a.m. to 12:30 p.m., A-214.	Nine Weeks Miss Lange
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HEALTH AND PHYSICAL EDUCATION

201 Beginning Golf 1 Activity (Men and Women) 10:30 to 11:20 a.m., Golf Course	First Term Mr. Carlson
201 Beginning Golf 1 Activity (Men and Women) 7:30 to 8:30 a.m., Golf Course	Second Term Mr. Lundgaard

- 210 **Health Essentials 3** **Second Term**
A general course in personal and community health. MWF 8:45 to 11:10 a.m., Th 8:45 to 9:45 a.m., G-1. Mrs. Young
- 272 **Track 2** **First Term**
Theory of Track. 7:30 to 8:40 a.m., G-1. Mr. Salzman
- 274 **Methods in Teaching Gymnastics and Tumbling 2** **First Term**
Stunts, tumbling, and use of the trampoline. Co-educational. Limited to students majoring in health and physical education. 7:30 to 8:45 a.m., Gym. Mr. Carlson
- 312 **Physical Education in the Elementary School 2** **Second Term**
Progressive series of games and other activities, including physical fitness testing, for the elementary grades. Required for men, majoring in health and physical education, who plan to teach in the elementary school. 7:30 to 8:40 a.m., Gym. Mrs. Young
- 334 **American Red Cross Life Saving Course 1** **First Term**
11:30 a.m. to 12:30 p.m., Pool. Mr. Alseth
- 337 **Water Safety Instruction 2** **Second Term**
Prerequisite: American Red Cross Senior Life Saving Course or its equivalent. 11:20 a.m. to 12:30 p.m., Pool. Mr. Alseth
- 493 **Problems in Physical Education 3** **First Term**
Limited to those who have had teaching experience. 10:20 a.m. to 12:30 p.m., G-1. Mr. Salzman

HISTORY

- 103 **History of Civilization 3** **First Term**
A general survey of European civilization from ancient times through the Middle Ages. 7:40 to 9:45 a.m., A-210. Mr. Nordquist
- 104 **History of Civilization 3** **Second Term**
A general survey of European civilization from the Renaissance to the present. 7:40 to 9:45 a.m., A-210. Mr. Schnackenberg
- 203 **American History 3** **First Term**
The origin and development of the American nation, from colonial times to the Civil War. Emphasis upon the factors that have influenced and contributed to the American Institutions. 7:40 to 9:45 a.m., A-213. Mr. Akre
- 204 **American History 3** **Second Term**
From the Civil War to the present. Emphasis upon the factors that have influenced and contributed to the American institutions and ways of life. 7:40 to 9:45 a.m., A-213. Mr. Martinson
- S210 **The Pacific Northwest 2** **First Term**
A survey of the discoveries, explorations and settlements of the Pacific Northwest. The international rivalries; the missionary, economic and political background; the establishment of the state and local governments. 11:30 a.m. to 12:40 p.m., A-212. Mr. Akre

- 312 The Reformation 3** **First Term**
 An intensive study of the sixteenth century. Political and religious crisis; Lutheranism, Zwinglianism, Anglicanism, Anabaptism, Calvinism, Roman Catholic Reform. The Weber thesis, the beginnings of Baroque art. Readings and research in selected sixteenth century materials. Prerequisite: History 103, 104. 10:15 a.m. to 12:30 p.m., A-210. Mr. Nordquist
- S338 Twentieth Century Europe 2** **Second Term**
 A course of readings and discussions concerning the events and trends since 1914. Prerequisite: History 103, 104. 10:15 to 11:25 a.m., A-213. Mr. Schnackenberg
- S375 History of American Thought and Culture 2** **First Term**
 A study of the evolution of American political, economic, religious and philosophical ideas, the development of American culture and its agencies. 11:30 a.m. to 12:40 p.m., A-211. Mr. Martinson

MATHEMATICS

- 112 Plane Trigonometry 2** **Second Term**
 Radian measure, solution of acute and oblique triangles, inverse functions, graphing, identities. Prerequisite: Mathematics 101 or equivalent. 11:30 a.m. to 12:40 p.m., A-212. Mr. Batker
- 131 College Algebra 3** **First Term**
 A continuation of Mathematics 101: sets, progressions, binomial theorem, complex numbers, theory of equations, determinants, and partial fractions. Prerequisite: Mathematics 101 or equivalent. 10:15 a.m. to 12:30 p.m., A-213. Miss Connolly
- 151 Analytic Geometry and Calculus 4** **Nine Weeks**
 An introduction to analytic geometry and functions, limits, derivatives, integration, applications of the definite integral. Prerequisite: two years of high school algebra, trigonometry or the equivalent. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-212. Mr. Batker
- 419 Advanced Mathematics for Elementary School Teachers 3** **First Term**
 7:40 to 9:45 a.m., A-214. Miss Connolly
- 455 Advanced Calculus 3** **Nine Weeks**
 A rigorous and extended treatment of topics introduced in elementary calculus. Prerequisite: Mathematics 252. 10:15 to 11:15 a.m., A-212. Mr. Batker

MUSIC

- 101 Fundamentals 3** **First Term**
 A study of the rudiments of music, including rhythms, sight reading, elementary keyboard experience and creative music. 1:20 to 3:25 p.m., EC-227. Mr. Gilbertson

- 120 Music Survey 3** **Second Term**
 An introduction to the music literature of Western civilization through the study of the form and meaning of musical masterpieces. A course designed to enhance the enjoyment of music. Not open to music majors. 10:15 a.m. to 12:20 p.m., EC-227. Mr. Skones
- 150 Piano 1** **Nine Weeks**
 Minimum of 16 lessons.* Mr. Knapp
- 152 Organ 1** **Nine Weeks**
 Minimum of 16 lessons.* Mr. Knapp
- 340 Music in the Elementary School 2** **First Term**
 Techniques and procedures for the music program of the first six grades. The rote song, child voice, rhythmic activities, etc. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., EC-227. Mr. Gilbertson
- 425 Major Conference 1-3** **Either Term**
 To be arranged. Staff
- 442 Methods of Teaching Piano 1** **June 12-16**
 Lectures, discussions, prescribed reading in methods of teaching piano. Practical approach to teaching beginners and intermediate piano students. Emphasis on techniques and materials. 9:30 a.m. to 12:00 noon, EC-227. Mr. Knapp
- S443 Choral Conducting, Techniques and Materials**
Workshop 1 **July 31 - August 4**
 1:30 to 4:30 p.m., EC-227. Mr. Skones
- S429 Sacred Music Institute 1** **July 31 - August 4**
 9:00 a.m. to 12:00 noon, EC-227. Mr. Espeseth
- *Students may register for fewer lessons at \$3.00 per lesson if no credit is desired.

NURSING

- 436 Public Health Nursing 9** **Nine Weeks**
 A course designed to help the student review materials previously presented which are applicable to the experience in the field of public health nursing. Provides the opportunity for the student to apply nursing skills in a setting outside the hospital. It shows the family and community as important units of health promotion and points out their influence on individual health. A study of the administration, organization and services of both voluntary and official agencies on national, state and local levels is included. The student must provide her own auto transportation to and from the clinical laboratory experiences. To be arranged. Miss Gather
- 475 Senior Nursing 10** **Nine Weeks**
 A course identifying leadership principles in nursing. Emphasis is on organization of nursing care, selected problems in clinical nursing, team nursing, emergency and disaster nursing, and principles of nursing management. To be arranged. Miss Tollefson

PHILOSOPHY

- 333 Modern Philosophy 3** **Second Term**
 The nature and development of philosophic thought and method from the seventeenth to the nineteenth centuries. Particular emphasis is placed on the developments within continental rationalism and British empiricism. 10:15 a.m. to 12:30 p.m., A-207. Mr. Huber
- S350 The Image of Man and His Secular World 2** **Second Term**
 Study of the classical and contemporary conceptions of man from philosophical, religious and scientific perspectives. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-207. Mr. Huber
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POLITICAL SCIENCE

- S251 American National Government 2** **Second Term**
 A study of the American national government including the federal constitution and the distribution of governmental powers. Survey of structure and procedure of national government with special attention to practical operation and contemporary reforms. 10:15 to 11:25 a.m., A-211. Mr. Culver
- 301 Principles of Political Science 3** **First Term**
 An introductory course in political science designed to meet the needs of juniors and seniors. Not open to freshmen, sophomores, or to anyone who has received credit for Political Science 101. 7:40 to 9:45 a.m., A-211. Mr. Moon
- 316 Recent Political Thought 3** **First Term**
 A critical examination of the major political philosophies of the modern world: Democracy, conservatism, capitalism, socialism, anarcho-syndicalism, communism, racial and political elitism, nationalism, liberalism, Christianity. Contemporary problems. 10:15 a.m. to 12:30 p.m., A-211. Mr. Moon
- 332 International Organization 3** **Second Term**
 A study of the World Court, League of Nations, United Nations and its agencies, and other international organizations which attempt to deal effectively with the problems of the world community. 7:40 to 9:45 a.m., A-211. Mr. Culver
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PSYCHOLOGY

- 101 General Psychology 3** **Second Term**
 A general course in psychology emphasizing the principle and basic facts which are essential to an understanding of human behavior. The main problems discussed are the physical basis for behavior, motivation, learning, remembering, thinking, emotion, intelligence, personality. 7:40 to 9:45 a.m., A-200. Mr. Bexton

- 420 Psychology of Personality 3** **Second Term**
 A survey of the approaches to the study of personality, current theories of the dynamics and the development of personality, research on the causes of the individual differences in personality, personality change and techniques of measuring personality. Prerequisite: at least six hours credit in psychology beyond the 200 level. 10:15 a.m. to 12:30 p.m., A-200.
Mr. Bexton
- 451 Individual Mental Testing 2** **First Term**
 An intensive study of the Stanford-Binet and the Wechsler-Bellevue intelligence scales. Prerequisite: Psychology 450, or consent of the department. 10:15 to 11:25 a.m., A-221.
Mr. Severtson
- 473 Introduction to Counseling 2** **First Term**
 A course designed to acquaint the student with the various theories and techniques of counseling. There will be opportunity for simulated interviews and some role playing in connection with the development of the theories and the techniques. Prerequisites: Psychology 450 and 451, or consent of the department. 10:15 to 11:25 a.m., A-115 Miss Williamson
- 550, 553, 573 Practicum in Counseling and Testing 2-6** **Both Terms**
 Supervised practice using the techniques of counseling and evaluation. Practicum students are trained in the flexible use of information and psychological test data to evaluate learning problems. This is integrated with the process of helping students individually or in small groups. Familiarization with procedures, resources, tests and occupational information become part of the experience. Prerequisite: Psychology 450, 451 and 473. To be arranged. A-109.
Mr. Severtson

RELIGION

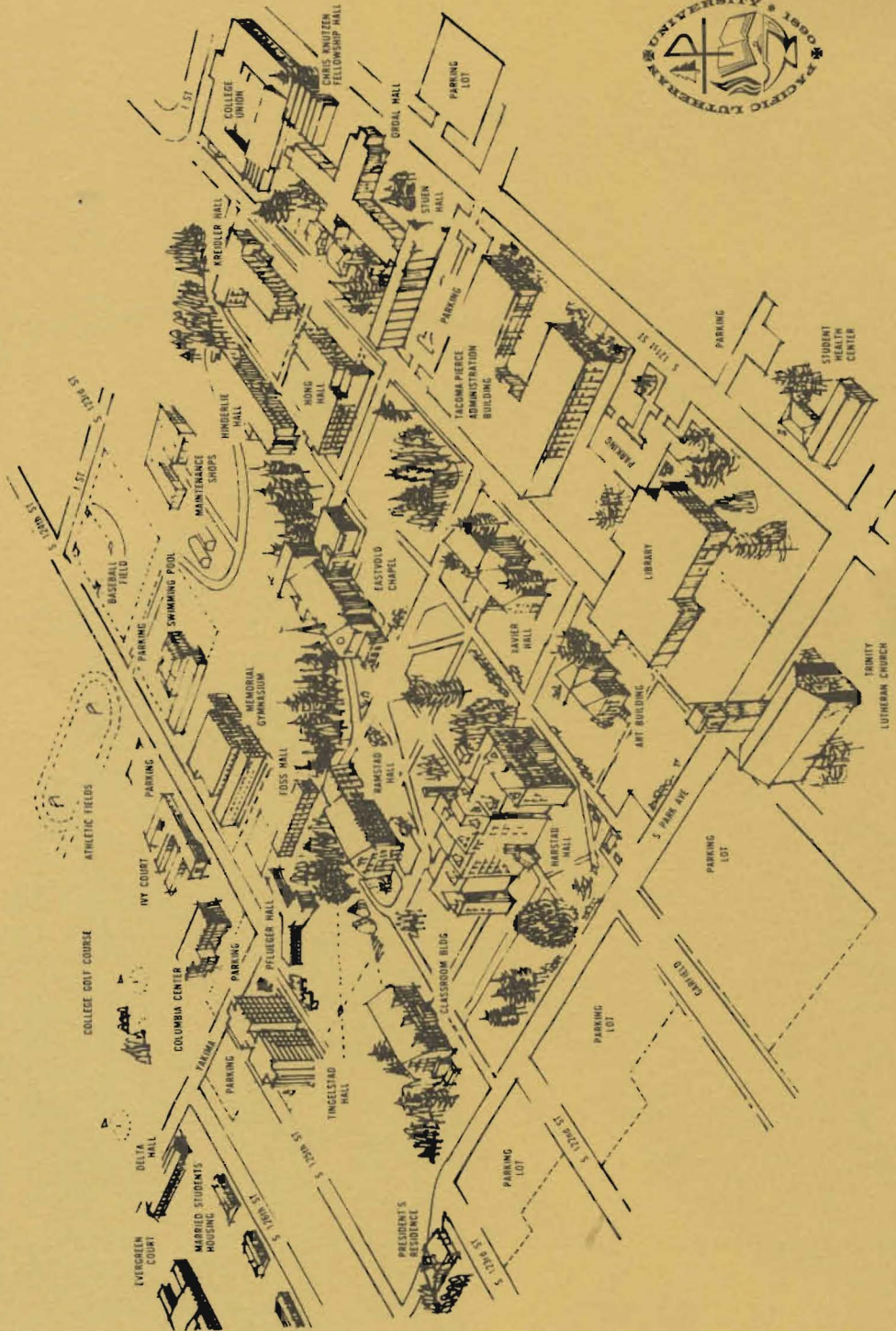
- 201 The Bible—Old Testament 2** **Second Term**
 A study of the literature, history and religious thought in the Old Testament writings. 7:40 to 9:45 a.m., A-202.
Mr. Govig
- 202 New Testament 3** **First Term**
 A study of the literature, history and religious thought in the New Testament writings. 7:40 to 9:45 a.m., A-202.
Mr. Anderson
- 301 Biblical Studies 3** **Second Term**
 A study of the basic motifs in the Old Testament. 10:15 a.m. to 12:30 p.m., A-202.
Mr. Govig
- 312 The Reformation 3** **First Term**
 (See History 312).
- 434 Christian Theology 3** **First Term**
 A study of the basic doctrines of the Christian Church as set forth in the ecumenical creeds and in the confessional writings of the major branches of the Church. 10:15 a.m. to 12:30 p.m., A-202.
Mr. Anderson

SOCIOLOGY

- 301 Social Legislation 2** **Second Term**
 Historical and critical analysis of social legislation in Europe and America, with special emphasis upon the social legislation in the United States and in the State of Washington. MWF 8:45 to 10:05 a.m., TTh 8:45 to 9:45 a.m., A-221. Mr. Christopher
- 341 Race Relations 3** **Second Term**
 A study of interracial contacts and conflicts, with emphasis upon American racial problems. 10:15 a.m. to 12:30 p.m., A-221. Mr. Christopher
- 431 The Family 3** **First Term**
 The changing home: the study of the family and familial customs; family interaction and organization; analysis and treatment of family disorganization and reorganization. 1:20 to 3:25 p.m., A-212. Mr. Christopher
- 436 Human Relations Workshop 3** **June 19 - July 7**
 (See Education 436).
- 495 Seminar 2** **First Term**
 An analysis of basic contemporary sociological concepts. Contemporary research and writings will be used to interpret concepts. Open to all students. No previous sociology courses are required. 11:30 a.m. to 12:40 p.m., A-221. Mr. Christopher
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SPEECH

- 101 Fundamentals of Oral Communication 3** **First Term**
 Foundation course dealing with basic elements of the speech situations, including the visible and audible approaches. Some concentration on content. Extensive platform work. MWF 9:30 to 11:15 a.m., TTh 9:00 to 9:45 a.m. and 10:25 to 11:15 a.m., EC-123. Mr. Karl
- 202 Principles of Public Speaking 3** **Second Term**
 Technique, composition and delivery of speeches for various occasions. Group and individual projects. Major portion is platform work. 10:15 a.m. to 12:30 p.m., EC-122. Mr. Utzinger
- 210 Interpretative Reading 3** **Second Term**
 An introduction to the art of interpretative reading. Emphasis given to developing logical and emotional responsiveness to literature. 10:15 a.m. to 12:30 p.m., EC-123. Mr. Bassett
- 447 Speech for the Classroom Teacher 2** **First Term**
 A survey of speech problems and opportunities which confront the teacher in the classroom. 11:30 a.m. to 12:40 p.m., EC-122. Mr. Karl
- 465 Clinical Practices in Speech Correction and Audiology 2** **Second Term**
 Clinical school procedures in speech correction and audiology. Emphasis on diagnostic and therapeutic techniques of common disorders. 1:10 to 2:20 p.m., EC-122. Mr. Utzinger





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