

Pacific Lutheran College Bulletin

Summer Session 1955



SCHOOL CALENDAR

SUMMER SESSION—1955

Registration begins 8:00 a.m.	Monday, June 13
Classes begin 7:55 a.m.	Tuesday, June 14
Independence Day, a holiday	Monday, July 4
First Term ends	Friday, July 15
Second Term classes begin 7:55 a.m.	Monday, July 18
Summer Session closes	Friday, August 19

FIRST SEMESTER

—1955—

Registration and Freshman Days	Monday, Sept. 12 - Friday, Sept. 16
Classes begin 7:50 a.m.	Monday, September 19
Mid-semester	Saturday, November 12
Thanksgiving Recess begins 5:00 p.m.	Friday, November 18
Thanksgiving Recess ends 7:50 a.m.	Monday, November 28
Christmas Recess begins 5:00 p.m.	Wednesday, December 21

—1956—

Christmas Recess ends 7:50 a.m.	Tuesday, January 3
Semester ends	Friday, January 27

SECOND SEMESTER

—1956—

Registration to be completed	Monday, January 30
Classes begin 7:50 a.m.	Tuesday, January 31
Washington's Birthday, a holiday	Wednesday, February 22
Easter Recess begins 5:00 p.m.	Wednesday, March 28
Mid-semester	Saturday, March 31
Baccalaureate Services 11:00 a.m.	Sunday, May 27
Commencement 3:30 p.m.	Sunday, May 27
Memorial Day, a holiday	Wednesday, May 30
Examinations	Monday, May 28, through Friday, June 1

SUMMER SESSION

—1956—

Registration begins 8:00 a.m.	Monday, June 11
Classes begin 7:50 a.m.	Tuesday, June 12
Independence Day, a holiday	Wednesday, July 4
First Term ends	Friday, July 13
Second Term classes begin 7:50 a.m.	Monday, July 16
Summer Session closes	Friday, August 17

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SUMMER STUDIES FOR . . .

- Those desiring special studies in Liberal Arts.
- Teachers who wish to obtain requirements for the general certificate, administrative credentials or who desire additional training for promotion and self improvement.
- Graduates working toward an advanced degree, Master of Arts in Education or Bachelor of Education.
- Undergraduates working toward a Bachelor of Arts degree or a Bachelor of Arts in Education degree.
- Entering Freshmen who desire to initiate their college careers.
- School Administrators seeking practical courses which will aid them in their specialized tasks.

FOR YOUR RECREATION

FIRST SESSION

- Saturday, June 18.....Pacific Ocean Beaches—all day trip
- Saturday, June 25.....Green River Gorge--all day trip
- Wednesday, June 29.....Cruise on Puget Sound—late afternoon, evening

SECOND SESSION

- Saturday, July 23.....Twanoh State Park on Hood Canal—all day trip
- Saturday, July 30.....Paradise Valley, Mt. Rainier—all day trip
- Thursday, August 4.....Trip through local plywood plant—afternoon

VISITING FACULTY

- ROBERT R. BECKER** Music
 B. Mus., Denver College of Music, 1931; M. Mus., University of Illinois, 1953.
 Head of String Department, University of Wyoming.
- HARRIET CARMODY** Education
 B.A., Washington State College, 1947; M.A., Columbia University, 1942;
 graduate work, University of Oregon, 1943.
 Director of Reading Instruction, Tacoma Public Schools.
- HAROLD F. GRAY** Education
 B.A., Pacific Lutheran College, 1944; B. Ed., College of Puget Sound, 1946; graduate work summer session, University of Washington, 1947; M.A., College of Puget Sound, 1950.
- ROBERT HAGLUND** History
 B.A., B.Ed., Pacific Lutheran College, 1950.
 Social Studies, Franklin Pierce High School, Tacoma.
- ROBERT C. HALL** Education
 B.A., University of Washington, 1924.
 Superintendent of Schools, Fife.
- RAY W. HOWARD** Education
 B.A., 1931; M.A., 1940; Ph.D., 1949, University of Washington.
 Superintendent, Shoreline School District, Seattle.
- CORINNE JACKSON** Education
 B.A., Missouri Valley College; M.A., University of Wisconsin.
 Counselor, Webster Grove High School, Missouri.
 Chairman, Moral and Spiritual Values Committee, Missouri Teachers Association.
- HAZEL H. PFLUGMACHER** Education
 B.A., Univ. of Washington, 1934; M.A., College of Puget Sound, 1954.
 Principal, Wainwright School, Tacoma.
- HELEN POLLARD** Education
 B.A., Eastern Washington College of Education; B.Ed., University of Washington.
 Consultant, Seattle Public Schools.
- MARJORIE SEYMOUR** Art
 B.A., University of Washington.
 Consultant in Art, Seattle Public Schools.
- BUENA STOLBERG** Education
 A.B., Missouri Valley College, Marshall, Mo.; M.A., University of Wyoming, 1952.
 Counselor and junior high school social studies teacher, Webster Groves, Missouri.
 Director, South Central Region of Classroom Teachers.
- J. EDWARD TRIMBLE** Education
 B.S., College of Puget Sound, 1937.
 Director of Audio-Visual Education, Clover Park High School, Tacoma.

REGULAR FACULTY

SETH C. EASTVOLD, A.B., B.D., S.T.M., Th.D.	President
ELNORA CHESTERMAN, BA., M.A.	English
LESLIE O. EKLUND, B.S., M.A.	Psychology
JON ERICSON, B.A., M.A.	Speech
CARL FAULK, B.S.	EBA
R. BYARD FRITTS, B.M., M.Mus.	Music
GORDON O. GILBERTSON, B.A., M.Mus.	Music
MARVEL K. HARSHMAN, B.A.	Physical Education
LUCILLE M. JOHNSON, B.A., M.A.	English
OLAF M. JORDAHL, A.B., M.S., Ph.D.	Physics
THEODORE O H. KARL, B.A., M.A.	Speech
RAYMOND A KLOPSCH, B.S., M.A.	English
ERIC C. KNORR, B.A., M.A., Ph.D.	Sociology
JOHN KUETHE, B.A., B.D., S.T.M.	Philosophy
OTTILIE E. LITTLE, A.B., M.A., Ph.D.	History
GUNNAR J. MALMIN, B.A., B.M., M.Mus.	Music
ELINE KRAABEL MORKEN, B.A., R.N.	Nursing Education
ANN CAROLYN NELSON, B.A., M.A.	Sociology
ANNA MARN NIELSEN, B.A., M.A.	Education
MAGNUS NODTVEDT, B.A., Th.B., Th.M., Ph.D.	History
VIOLA OLSON, B.A., M.Ed.	Home Economics
BURTON T. OSTENSON, B.A., M.S., Ph.D.	Biology
ANDERS W. RAMSTAD, B.A., M.S.	Chemistry
HERBERT R. RANSON, B.A., M.A., Ph.D.	English
KELMER N. ROE, B.A., B.Th., M.Th.	Religion
GEORGE ROSKOS, B.S. Art Ed., M.A.	Art
JOSEF E. RUNNING, B.A., M.A.	Mathematics
H. MARK SALZMAN, B.A., M.A.	Physical Education
LUCILLE A. SCHMIEDER, A.B., M.S.	Biology
WALTER C. SCHNACKENBERG, B.A., M.A., Ph.D.	History, Pol. Science
THEODORE C. SJODING, B.A., M.A., Ph.D.	Education
KRISTEN B. SOLBERG, B.A., Ed. M., Ed. D.	Psychology
WILLIAM L. STRUNK, B.A., M.S., D.Sc.	Biology
TRYGVE O. SVARE, B.A., M.A.	History
KARL E. WEISS, B.M.	Music
RHODA HOKENSTAD YOUNG, B.A.	Physical Education

SPECIAL FEATURES

LABORATORY WORKSHOP

Using children in a classroom situation, this will be a practical course to work out specific problems. The children will attend the class for two hours daily and will be taught by Miss Helen Pollard, a curriculum consultant from the Seattle public schools. The third hour of the class will be used for discussion. Members of the class will have opportunity for some active participation in the instruction of the children. The first session the children will be eight year olds who have completed the second grade in June. The second session the children will be eleven year olds who have just finished the fifth grade. Enrollment in the class will be limited.

TACOMA-PIERCE COUNTY WORKSHOP FOR TEACHERS

Sponsored jointly by Pacific Lutheran College and the College of Puget Sound, this workshop will be held in Tacoma, August 22 to September 2. The college will give credit for this course, Education 180. The credit normally is undergraduate, but graduate credit will be given for those doing the extra work assigned. Cost of the workshop will be \$24.00.

The workshop will be directed by Mrs. Ellen Herminghaus, director of curriculum for the Pierce County schools, and Ray Warren, coordinating director of instruction for the Tacoma public schools. Assisting them will be Miss Anna Marn Nielsen, director of teacher education at PLC, and Dr. Raymond L. Powell, head of the department of education at CPS.

Well known experts will be engaged to serve as consultants. Each student may join the study group of his choice.

Among the consultants will be Dr. Helen Huus from the University of Pennsylvania, (Summer Session staff, PLC, 1954), and Dr. Willard Abraham from Arizona State College.

ADMINISTRATION AND SUPERVISION WORKSHOP

This workshop will feature Dr. Ray W. Howard, superintendent of the Shoreline school district. Dr. Howard is an outstanding administrator in this state and has served well and efficiently in national capacities as well. This course will serve the interests and needs of the members of the class. Typical topics are curriculum planning and adjustment in line with present needs, public relations programs, personnel problems and financing building and educational programs.

HIGH SCHOOL STRING PLAYERS

Two stimulating weeks of intensive string orchestra and ensemble experience for qualified high school players of string instruments. Music will be chosen from contemporary as well as classic literature. At least one public concert will be presented. For music supervisors this is an opportunity to witness demonstrations of string pedagogy, attend lectures and gain practical experience working with string players.

Director of the String Workshop is Gordon O. Gilbertson, Assistant Professor of Music, Director of Band and Orchestra at Pacific Lutheran College.

Guest lecturer in String Education will be Mr. Robert R. Becker, Asso-

ciate Professor of Music, Head of the String Department, and Director of the University Symphony Orchestra at the University of Wyoming.

Mr. Becker has added materially to the knowledge of string teaching through his studies and recent published contributions to such magazines as *The Instrumentalist* and the *Journal of the American String Teachers Association*.

DRAMA WORKSHOP

Under the direction of Mr. Theodore O. H. Karl, Chairman of the Department of Speech, summer workshop and drama will be an intense study for five weeks, during the second term.

The group will completely produce at least one three-act drama, or equivalent. The experience will be comprehensive in acting, staging, directing, lighting, costume and makeup. They will design and build their own sets.

The play will be given before the public for three nights during the fifth week of the term.

This workshop should be for those who have had some experience in college dramatics, and have an interest in directing plays and taking care of stage work in the teaching profession; or Speech Majors with a Drama emphasis. Because of the nature of this workshop, membership will be limited and entrance will be on the recommendation of the instructor only.

SPECIAL LECTURE

For one week, June 28 - July 1, Dr. Orville Dahl, Executive Secretary, Division of Higher Education of the Evangelical Lutheran Church, will be on the campus. He will conduct a series of informal lectures centered about the topic, "The Present Status of Higher Education in America." These lectures will be without cost to the student.

GENERAL INFORMATION

LOCATION

Pacific Lutheran College, the only Lutheran senior college on the entire Pacific Coast, is located in Parkland, Washington, a suburb of Tacoma, an attractive city of about 160,000 inhabitants; it is near Mount Rainier and the Narrows Bridge, third largest suspension bridge in the world.

The 125-acre college campus is situated in the heart of the Evergreen Playground where there is a healthful climate and beautiful scenery. Railroads and highways make the college 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 College is fully accredited by the Northwest Association of Secondary and Higher Schools as a four-year liberal arts college. It is accredited by the State Board of Education as a teacher training institution offering a complete training program for prospective teachers in the elementary and secondary schools. Pacific Lutheran College recommends its graduates to the State Superintendent of Public Instruction for

certification. The College is a member of the Association of American Colleges, the American Council of Education, and the National Lutheran Educational Conference.

REGISTRATION

First Term:

8:00 a.m., Monday, June 13. Students living within commuting distance of the college are urged to register the week of June 6.

First classes will begin at 7:55 a.m., Tuesday, June 14. Classes will be held on Saturday, June 18, in order to include the necessary instructional days in the first term.

Second Term:

Friday and Saturday, July 15 and 16. First classes will begin Monday, July 18.

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

CHANGE OF REGISTRATION, WITHDRAWALS

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

A fee of \$1.00 is charged for a schedule change made after completion of registration unless such change is requested by the college 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 Dean's office will be classified on the record as an "E."

EXPENSES

Tuition, per credit hour.....	\$15.00
Matriculation Fee.....	5.00
Audit Fee, per credit hour.....	6.00
Diploma and Graduation Fee for each degree.....	10.00
Private Instruction in piano or instrument, per ½-hour lesson.....	2.50
Rent Fee for piano, per term (1 hour per day).....	2.50
Board and Room, per term (2 in room).....	67.50
Board and Room, per term (1 in room).....	75.00
Special Fees:	
Laboratory fee for Art 74, 109, 142.....	2.00
Laboratory fee for Biology 65.....	7.50
Laboratory fee for Chemistry 121, 122.....	5.00
Laboratory fee for Industrial Arts S71.....	3.00
Laboratory fee for Science 31.....	5.00
Fee for Education 196, Laboratory Workshop.....	3.00
Laboratory fee for Biology 102.....	3.00
Laboratory fee for Biology S72.....	3.00

STUDENT LOAD

Ten hours constitute a regular full load for the Summer Session; five to six hours constitute a regular load for each term.

CLASS HOURS

All courses having two credit hours per term will meet six times per week. The instructor will arrange for the sixth period of class. All three-credit-hour classes given in only one term will meet twice a day.

COURSE NUMBERS

Course numbers below 100 are considered lower division courses. Those from 100-200 are given upper division credit. Courses for graduate students only are listed above 200.

ADMISSION

FRESHMEN

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

REGULAR STUDENTS, ADVANCED STANDING

Regular students of Pacific Lutheran College 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.

COLLEGE FACILITIES

The College maintains dormitories for students. All students registering for rooms in any of these dormitories are required to continue in the same throughout the term. The dormitory rooms are furnished. Students provide their own pillows, mattress covers, blankets, sheets, pillow cases, towels, rugs and curtains, and other furnishings to their own taste. Occupants are held responsible for breakage or damage to the room or its furnishings.

WOMEN'S DORMITORIES

Two dormitories have been set aside for women students. About 320 women may be housed in the dormitories. Most of the rooms accommodate two students.

The dormitories have two attractive lounges for the girls, a ludge kitchen and a laundry equipped with automatic washers and dryers.

MEN'S DORMITORY

Housing for men is provided in two dormitories. Two men may share each dormitory room. Rooms for men are provided with beds, mattresses, chairs, tables, and dressers.

HOUSING FOR MARRIED STUDENTS

The College maintains 24 apartments on the campus for married students. Other apartments are available in Parkland and Tacoma. The College 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 Dean of Men.

BOARDING CLUB

All single students living in the college dormitories are normally required to eat in the college dining hall. Exceptions may be made during the summer session, in which case a fair adjustment will be made on the cost of board and room per term.

No meals will be served on Saturdays or Sundays. Cafeteria meal tickets are available.

RECREATION

The Pacific Lutheran College campus enjoys the geographical advantage of being in the center of a large recreation area. The College 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. Special trips to Mt. Rainier and to the ocean beach are highlights of the Summer Session.

CHAPEL EXERCISES

Chapel exercises will be held at 9:45 a.m. each Tuesday and Thursday morning in the Chapel.

STUDENT EMPLOYMENT

The College aims to assist worthy and needy students by helping them to find work either at the College or in Tacoma or Parkland. Applications for work should be made to either the Dean of Men or the Dean of Women after the student has been accepted for admission. Since the work is limited during the summer, students should apply early.

BOOK STORE

The College maintains a book store in the Student Union building for the convenience of the students, where books, stationery and school supplies may be obtained. The book store is operated on a strictly cash basis.

VETERANS' INFORMATION

TRAINING MUST BE CONTINUOUS

All training programs now under PL 346 and PL 16 must be continuous, except in the case of employed teachers who are considered in continuous training by attending consecutive summer sessions of at least 5 weeks attendance in pursuit of a course leading to a graduate degree.

RULING FOR TEACHERS

Teachers now teaching, who attended school the summer of 1954 must continue training for 5 weeks in the summer session of 1955 if they wish to make use of their entitlement.

Students now completing their teacher education program (graduating May 29, 1955) are required to apply by form 7-1905e for additional training before graduation, if they intend to teach in the fall of 1955 and attend school the summer of 1956. To be eligible for summer training, teachers must teach the year 1955-1956.

Teachers must be regularly employed as teachers to be eligible for continuous pursuit of graduate work during the summer sessions. Proof of teaching status by a letter from the superintendent must be furnished at the time of application for summer training.

VETERANS IN ATTENDANCE NOW

Veterans now attending PLC and graduating in 1955 must apply at a date previous to their graduation to the Veterans Administration for graduate training benefits for use in the fall of 1955.

Graduating students (with the exception of teachers) are not expected to continue training during the summer session following their graduation.

Graduating teachers are expected to continue training for at least a 5-week period during the summer session following their graduation.

Veterans graduating at the completion of the summer session are required to apply for graduate training benefits on a date previous to their date of graduation. Application blanks are available in the Dean of Men's office.

Undergraduates now in attendance need not attend summer sessions. They are considered in continuous training by attending consecutive fall and spring semesters each school year. However, if they attend a summer session, interruption of such training would cause them to lose their G.I. benefits.

REQUIREMENTS FOR SUBSISTENCE

Veterans eligible for benefits under Public Laws 346 and 16 may use these benefits for Summer Session work.

To be eligible for full subsistence benefits, the student must carry a minimum of 5 semester hours for the first term and 5 semester hours for the second term, or 5 hours for any one term.

Graduate students are required to carry 4 semester hours per term for full subsistence. Caution: **Training Must Be Continuous.**

REGULATIONS FOR VETERANS UNDER PUBLIC LAWS 550 & 894

Applications for training under Public Laws 550 and 894 must be made at your nearest Veterans' Administration office. Do not wait until school starts. Public Law 550 Veterans do not make original applications at the college. Public Law 894 is for disabled veterans.

The Veteran must actually commence active pursuit of his approved program of education or training on or before his delimiting date, i.e., he must actually enroll in and begin the course on or before August 20, 1954, or three years after discharge, whichever is the later.

Subsistence payments are made from date of application for training or date of entrance into school, whichever is the later. After application to Veterans' Administration bring your 7-1993, Certificate for Education and Training, to L. O. Eklund, Veterans' Adviser at the college. All Public Law 550 Veterans are required to report to the Veterans' Adviser, Mr. Eklund, in Room 107, Main Building (PLC), the first Monday of every month. This is necessary for making out attendance reports for subsistence.

Certification in the State of Washington

Qualifying Certificates may be issued only to those teachers who have been teaching under an emergency certificate. (This is true on either the elementary or secondary level).

Three-Year Elementary and Secondary Certificates may be secured by the teacher holding a Qualifying Certificate when he has completed the requirements necessary for a B. A. Degree in Education.

A Continuing Elementary Certificate may be issued to the holders of a six-year elementary certificate who complete thirty semester hours in addition to the requirements for the original three-year certificate in conformity with standards approved for supervision of the fifth college year in the program for the general certificate. This certificate will be valid as long as the holder remains in teaching service for a period of five years thereafter.

Continuing Secondary Certificates may be issued to holders of the six-year secondary without any additional college credits and to holders of the three-year secondary who have met the experience requirement of two years of successful teaching necessary for conversion to a six-year certificate. This certificate will be valid as long as the holder remains in teaching service and for a period of five years thereafter.

A Provisional General Certificate is issued to those students who are recommended for it upon completion of the B.A. in Education degree. This certificate is valid for five years if the holder meets the requirements necessary for renewal each year during the life of the certificate.

The Standard General Certificate, which is valid for as long as the holder remains in teaching service plus five years thereafter, may be issued to:

Persons who are holders of a three-year or a six-year elementary AND a six-year secondary certificate or their equivalents.

Persons holding a provisional general certificate who have completed at least one year of successful teaching plus thirty semester hours work taken under the guidance of the recommending institution.

PRINCIPALS' CREDENTIALS

All applicants for principals' credentials must hold a certificate valid at the level of application. Holders of the general certificate must have the standard general certificate.

All courses presented toward satisfying the requirement for the principals' credentials must have been completed within ten years prior to date of application.

Elementary principals' credentials may be issued to applicants who have at least two years of successful teaching experience in the elementary school or the junior high school plus eight semester hours of professional courses taken subsequent to at least one year of teaching experience. Not less than four of the required number of hours must be from List A below. They should be from at least two of the following fields: elementary administration, curriculum methods or guidance. The remaining hours may be from either list.

List A: Education 118, S119, 124, 127, 131, 132, 134, 135, S136, 138, 141, 142, 143, 146, 149, S166, S168, 169, 172, 182, 188, 189, 192, 194a, 195ab, S196, S205, 211, S221, 222, 224, 232, 235.

List B: Education 139, 153, S154, 166, 167, 170, 191, 217, 241.

List A or B: Education 197, 198.

Junior high school principals' credentials may be issued to applicants who have had at least two years of successful teaching experience in the common schools plus eight semester hours of professional courses relating to junior high school administration and supervision taken subsequent to at least one year of teaching experience. Not less than four of the required number of hours must be from List A. They should include at least two of the following fields: junior high school administration and supervision, high school administration and supervision, junior high school methods, junior high school curriculum, or guidance. The remaining hours may be from either list.

List A: Education 124, 133, 135, 138, 141, 143, 144, 147, 148, 150, S156, S166, 172, 173, 186, 188, 189, 192, 194b, 195cd, 199, 211, 214, S221, 224, 230, 232, 235.

List B: Education 139, S162, 166, 167, 170, 191, S217, 218, 241.

List A or B: Education 197, 198.

Senior high school principals' credentials may be issued to applicants with at least two years of successful teaching experience on the secondary level plus eight semester hours of professional courses relating to secondary organization, supervision, and administration taken subsequent to at least one year of teaching experience. Not less than four semester hours must be from List A. They should include at least two of the following fields: high school administration and supervision, high school curriculum, guidance or school finance. The remaining hours may be from either list.

List A: Education 124, 133, 135, 138, 143, 148, 150, S156, S166, S168, 169, 172, 173, 186, 188, 189, 192, 194b, 195cd, 199, 211, 214, S221, 224, 230, 232, 235.

List B: Education 139, S162, 166, 167, 170, 191, S217, 218, 241.

List A or B: Education 197, 198.

THE MASTER OF ARTS DEGREE

Pacific Lutheran College offers graduate work to two types of students:

To students who wish to work for a graduate degree,

To students who do not plan to work toward an advanced degree but wish to elect work which will meet special certification requirements.

ADMISSION TO CANDIDACY FOR THE DEGREE

A graduate of any accredited college or university may be accepted for admission to graduate study if his undergraduate record is satisfactory. This record must show a better than average record in general education and a superior record in the fields of specialization in which the student wishes to concentrate in his graduate work. An applicant whose grade point average during his last year of college was below 3.0 will not be given graduate status until he has demonstrated his ability to do graduate work. A minimum of one quarter or semester's work with a grade point of 3.0 will be required to establish graduate standing.

GENERAL REQUIREMENTS

A minimum of 30 semester hours of work with a grade point average of 3.0 is required. Three summer sessions or two semesters in residence are required.

Six semester hours of graduate work may be taken at another institution providing approval in advance has been given by the Graduate Committee.

The major field of concentration must be in the Department of Education. Twenty to 22 hours in education, including a thesis or research papers, are required.

Minors are offered in the department of biology, chemistry, economics and business administration, English, history, music, sociology and speech. Eight to ten additional hours in these fields are required.

COURSES OF INSTRUCTION

ART

10. Introduction to Fine Arts *Three hours, second term*
Principles of aesthetics: the understanding and appreciation of beauty as it appears in the various arts. Daily 11:20 and 1:00, CMS-227. Mr. Weiss
- S71. Elementary Handwork *Two hours, second term*
See Industrial Arts S71.
74. Clay Modeling *Two hours, second term*
This is a course in the various methods of modeling clay. Application of these methods is made to pottery and small figures. Individual instruction is given in plaster casting. Daily 10:25 to 12:10, O. C. Mr. Roskos
109. Oil Painting *Two hours, second term*
Pictorial arrangements of still-life, figure, and landscape work done in oils. Emphasis placed on composition, values, color, and brush technique. Prerequisite: Art 55, 56. Daily 7:55 to 9:40, O.C. Mr. Roskos
142. Elementary School Art Workshop *Two hours, second term*
The course is designed to meet the needs of classroom teachers. A variety of art media are explored. Many techniques, methods and processes are presented for practical application to teaching needs. Daily 7:55 to 9:40, O.C. Mrs. Seymour

BIOLOGY

65. Microbiology *Four hours, first term*
Bacteria, yeasts, molds and parasitic animals in their relation to disease. May be taken for upper division credit by juniors and seniors with consent of instructor. Lecture Daily 8:50, S-204. Laboratory. Daily 1:55 to 4:35, S-207. (Lab. fee \$7.50). Miss Schmieder
- S72. Flowering Plants *Two hours, second term*
Lectures, laboratory and field studies of the flowering plants of the region. Upper division credit may be granted with permission of instructor. Daily 10:25 to 12:10, S-110. (Lab. fee \$3.00). Mr. Ostenson
81. Conservation of Natural Resources *Two hours, first term*
The conservation of natural resources of the United States. May be taken for upper division credit with consent of instructor. Daily 7:55, S-204. Mr. Strunk

102. Ornithology *Two hours, second term*
 A study of the structure, habits, adaptations, migration, classification and economic importance of birds. Identification of local birds. Lectures, laboratory study and field trips. Daily 7:55 to 9:10, S-110. (Lab. fee \$3.00). Mr. Ostenson

CHEMISTRY

- 121, 122. Organic Chemistry *Four hours each term*
 A general study of the carbon compounds, both the aliphatic and the aromatic. Lecture MTWTh 7:55 to 9:40, S-305. Laboratory MTWTh 1:55 to 4:35, S-302. (Lab. fee \$5.00 per term). Mr. Ramstad
- 197, 198. Independent Study *One to two hours each term*
 Mr. Ramstad
 (Qualitative Chemistry 61 and Quantitative Chemistry 62 will be offered Summer Session 1956).

ECONOMICS AND BUSINESS ADMINISTRATION

51. Principles of Economics *Three hours, first term*
 The organizational structure of the American economic system and the fundamental principles upon which it is built. The basic institution of private property. Analysis of the corporate system and its performance. Special aspects of production, exchange, and the price structure. Daily 11:20 and 1:00, CB-1. Mr. Faulk
69. Business Mathematics *Two hours, second term*
 Elementary principles of arithmetic, mensuration, negative numbers, simple equations, and home finance. No prerequisite. Daily 7:55, S-103. Mr. Running
- S161. Insurance *Two hours, first term*
 An introduction to the underlying principles of insurance followed by a descriptive study of the practices in the more important branches of the insurance business. Daily 7:55, CB-1. Mr. Faulk

EDUCATION

105. Public School System *Two hours, first term*
 A survey of the school laws of Washington as they affect the management and administration of the school. Also consideration of practical problems in classroom organization. Daily 7:55, M-109. Mr. Hall
110. Child Psychology *Two hours, first term*
 See Psychology 110

- S119. Functional English in the Elementary School
Two hours, second term
 A course designed to give the elementary teacher, grades 1 through 8, an understanding of how to teach the English language in a functional manner. The following four skills will be considered: listening, speaking, reading, and writing. Some attention will be given to teaching fundamentals at the various grade levels. Daily 1:55, L-114. Miss Pollard
134. Physical Education for the Elementary School
Two hours, first term
 See Physical Education 134.
135. Audio-Visual Education
Two hours, second term
 A training course in the utilization, selection, and organization of instructional materials of all types, including a study of administrative procedures and source of information. Daily 8:50, S-108. Mr. Trimble
- S136. Primary Reading
Two hours, first term
 A study of the materials and methods of the modern reading program and its relation to other activities. Daily 1:55, L-114. Miss Pollard
138. The Teaching of Reading
Two hours, second term
 A reading program adjusted to individual needs. Reading readiness, word analysis techniques, study skills, recreational reading, diagnosis of individual needs, provision of adequate materials and other problems expressed by class members will be studied. Committees on various grade levels. Daily 10:25, M-111. Miss Carmody
139. Diagnosis of Reading Problems
Two hours, second term
 Causes, prevention, and correction of reading disability cases emphasized. Various types of reading disability cases diagnosed in class. Each member will diagnose, tutor, and compile a case study of a reading problem, preferably from his own school. Prerequisite: A beginning reading course. Daily 1:00, CMS-122. Miss Carmody
141. Public School Mathematics
Two hours, first term
 An over-all study of the basic mathematical skills and abilities needed by the teacher in the elementary and junior high school. Practice in achievement tests in arithmetic and interpretation of scores for diagnostic purposes. Daily 1:00, M-111. Miss Nielsen
142. Elementary School Art Workshop
Two hours, first term
 See Art 142.
146. Children's Literature
Two hours, second term
 See English 146.

149. Elementary School Music *Two hours, first term*
See Music 146.
150. Secondary School Music *Two hours, second term*
See Music 150.
166. Mental Hygiene for Teachers *Two hours, first term*
Primarily concerned with the adjustment of the teacher to the classroom situation. Some emphasis on the various mechanisms of adjustment. Daily 1:00, L-115. Mr. Solberg
168. Educational Sociology *Two hours, second term*
See Sociology 168.
169. Introduction to Counseling *Two hours, first term*
See Psychology 169.
- S171. Moral and Spiritual Values in Education *Two hours, second term*
This course is based upon the confidence that moral and spiritual values should grow in the context of teaching in any subject matter. Time will be given for defining what moral and spiritual values should be emphasized and for exploring ways and means of achieving this. Daily 1:00, L-116. Miss Jackson
172. Philosophy of Education *Two hours, first term*
An examination of the bases of education. The influence of the leading philosophies of today upon educational programs: aims, means, methods, standards of value, and measures of outcomes. The relation between the philosophy of education and democracy. Daily 10:25, L-114. Mr. Kuethe
182. Social Studies in the Elementary School *Two hours, first term*
A course designed to acquaint the student with the objectives, materials and methods of teaching the social sciences in an integrated program. Daily 10:25, M-111. Mrs. Pflugmacher
186. Core Curriculum *Two hours, second term*
A study of the philosophical background of the core curriculum and the methods of teaching applicable to the core. Special attention will be given to problem solving and the preparation of units of instruction. It is expected that this class will be conducted as a core class. Daily 10:25, M-109. Mrs. Stolberg
189. Parent-Teacher Conference *Two hours, first term*
A study of the principles and techniques of conferencing. Procedures for introducing parent-teacher conferencing program to the school and community. Evaluation of various grading systems. Daily 11:20, M-109. Mrs. Pflugmacher

192. Public School Administration *Three hours, first term*
 A survey of the practical problems of public school administration and supervision. Consideration will be given to the role of the school board and superintendent in school administration. Major emphasis will be given to the principal as his work relates to children and youth, parents, teachers, and other school employees, building, transportation and the community. Prerequisite: at least one year of teaching experience. Daily 8:50 and 10:25, M-109.
 Mr. Gray
196. Laboratory Workshop *Three hours, either term*
 A practical course using children in a classroom situation working out a specific problem. Provision will be made for some active participation for the college students. A conference with the Director of Teacher Education will be required before registration can be completed. Enrollment will be limited. First term, eight year old children; second term, eleven year old children. Daily 8:50 to 12:10, L-117.
 Miss Pollard
- 199a. Social Studies in the High School *Two hours, second term*
 Methods of teaching social science in the high school. Daily 7:55, M-111.
 Mrs. Stolberg

COURSES FOR GRADUATES ONLY

211. School Guidance Program *Two hours, second term*
 A study of the guidance program as organized and conducted by a public school system with an analysis of the function of its several departments and contributing agencies. The course will begin with a unit on the personality and adjustment of counselors and teachers. Emphasis throughout the course will be made on the teacher's role in making use of the guidance program for individual and group evaluation. Prerequisite: Education 155 or 188. Daily 8:50, L-114.
 Mr. Eklund
- S221. Administration and Supervision Workshop
Four hours, second term
 The projects discussed will chiefly be derived from the interests and needs of the students. Typical projects are curriculum planning and adjustment in line with present needs, public relation programs, personnel employment and in-service training, and financing building and educational program. Daily 8:50 to 1:50, L-104.
 Mr. Howard
- S224. School Finance *Two hours, first term*
 The course is chiefly concerned with study of the following projects and topics: The budget, bids and contracts, purchasing, insurance, housing, the custodial staff, supplies and equipment, bonding campaigns, building programs, school sites, utilities and transportation of pupils. Daily 7:55, M-111.
 Mr. Gray

235. Psychology of Learning *Two hours, second term*
See Psychology 235.
241. Educational Research *Two hours, second term*
A course designed to orient the graduate student to the principles of research, to make the student research-minded, and to familiarize the student with the various research procedures. Such topics as sampling, public opinion analysis, and the proper form of a completed research paper or thesis, are also included. Some actual practice in research is provided. Required of all graduate students. Daily 7:55, L-114. Mr. Sjøding
243. Individual Research *One to three hours*
Open to advanced students desiring an opportunity to investigate intensively some particular phase of education as an individual research project and to subject the results to group criticism. Miss Nielsen and staff
250. Thesis *One to four hours*

ENGLISH

- S40. The Short Story *Two hours, first term*
A study of the short story as a narrative form and of its development in the past century. Daily 8:50, CMS-122. Mr. Klopsch
62. Literary Backgrounds *Three hours, ten weeks*
A study of English classics from Wordsworth to Wilde and Conrad. (Permissible to register for one term only.) Daily 11:20, CMS-122. Mrs. Johnson, Miss Chesterman
111. Shakespeare *Three hours, second term*
Daily 7:55 to 9:10, CMS-122. Mr. Ranson
- S114. Eighteenth Century Literature *Two hours, first term*
A study of major works of Defoe, Swift and Pope. Daily 7:55, CMS-122. Mr. Klopsch
145. The English Language *Two hours, second term*
An intensive study of modern English syntax, supplemented by a study of the historical development of pronunciation, grammar and vocabulary. Daily 8:50, M-111. Miss Chesterman
146. Children's Literature *Two hours, second term*
A short history of children's literature, a study of the literature for children in the lower grades, story telling. Daily 10:25, CB-1. Miss Chesterman
- S148. Workshop in High School English *Two hours, first term*
Trends in the teaching of English, objectives, curriculum, teaching procedures, and materials. Daily 1:00, CMS-122. Mrs. Johnson

- S164. Six American Writers *Three hours, ten weeks*
 First Term: Hawthorne, Dreiser, Cather. Second Term: Poe, Emerson, Whitman. (Permissible to register for one term only.)
 Daily 10:25, CMS-122. Mrs. Johnson, Mr. Ranson
197. Major Conference *One to two hours, first term*
 Directed reading and critical study of a limited field or aspect of literature not covered by regular courses. Time to be arranged.
 Mr. Klopsch

GEOGRAPHY

7. World Geography *Three hours, first term*
 A survey of the physical features and resources of the various countries. Daily 7:55 to 9:40, L-116. Mr. Ostenson

HISTORY

4. History of Civilization *Three hours, ten weeks*
 A general survey of European civilization to 1914. Daily 10:25, L-115. Mrs. Little, Mr. Svare
20. History and Government of the State of Washington
Two hours, first term
 Daily 8:50, L-104. Mr. Haglund
55. American History *Three hours, second term*
 The origin and development of the American Nation from colonial times to the present. Emphasis upon the factors that have influenced and contributed to the American institutions and way of life. Daily 11:20 and 1:00, CB-1. Mr. Svare
63. Cultural-Historical Studies of Europe Between
 1500 and 1800 *Three hours, first term*
 History, art and literature of Europe as correlated studies. Daily 7:55 to 9:40, L-114. Mrs. Little
113. Medieval History *Three hours, first term*
 A study of the history of Western Europe from the fall of Rome to the Renaissance. (476-1300). Daily 10:25 to 12:10, L-116. Mr. Nodtvedt
134. The French Revolution and Napoleon
Three hours, second term
 Revolutionary events and wars in Europe from 1789 to the Congress of Vienna. Political, social, economic and cultural changes emphasized. Prerequisite: consent of the instructor. Daily 7:55 to 9:40, L-115. Mr. Schnackenberg

- S164. Twentieth Century British Empire *Three hours, first term*
 Parliamentary growth, World War I, the rise of the Labor Party, Liberal and Conservative Party changes; England in World War II; imperialistic developments 1914-1954. Daily 7:55 to 9:40, L-114.
 Mr. Nodtvedt

HOME ECONOMICS

78. Principles of Nutrition *Two hours, first term*
 Composition and nutritive value of foods; food preparation; physiological needs in relation to food. Open to student nurses only. Daily 10:25 to 12:10, S-110.
 Miss Olson

INDUSTRIAL ARTS

The Industrial Arts program for the summer session will follow the listing and procedure as outlined in the regular catalog for 1954-55. Course offerings of the Tacoma Vocational Technical School for the session will be determined by those available at the time of registration. Veterans taking courses under this program should arrange a conference with the Veterans Adviser no later than June 13.

- S71. Elementary Handwork *Two hours, first term*
 Handicraft activities based on a craft-arts program for the elementary and intermediate grades. This course is planned to stimulate creative ideas, with problems in work adaptable to children in the public schools. Daily 1:00 to 2:45, O.C.
 Mrs. Seymour

MATHEMATICS

51. Higher Algebra *Three hours, first term*
 A thorough review of high school algebra and a continuation beyond quadratics. Daily 8:50 and 10:25, S-113.
 Mr. Jordahl
61. Plane Trigonometry *Three hours, second term*
 Circular measurements of angles, proofs of the principal formulas, the use of inverse functions, solution of right and oblique triangles. Prerequisite: Mathematics 51 or equivalent. Daily 8:50 and 11:20, S-103.
 Mr. Running

MUSIC

1. Fundamentals of Music *Three hours, first term*
 A study of the rudiments of music, including some sight-reading, the history of music, and music appreciation. The purpose of the course is to give the student a general understanding and appreciation of the art of music. Not open to students planning to major or minor in music. Daily 10:25 and 1:00, CMS-227.
 Mr. Fritts
10. Music Survey *Three hours, second term*
 A course presenting music of different periods as related to the arts. Daily 7:55 to 9:40, CMS-227.
 Mr. Fritts

71. Piano *One hour, ten weeks*
Time to be arranged. Mr. Weiss, Mr. Fritts
73. Organ *One hour, ten weeks*
Time to be arranged. Mr. Fritts
- S135. String Workshop *Two hours, second term*
August 8 through 19. Two weeks of string orchestra and ensemble experience for high school students. Music supervisors and teachers may enroll for two hours credit by active participation for the two weeks only, or in conjunction with Music 150. Time to be arranged. Mr. Becker, Mr. Gilbertson
141. Church Music *Two hours, first term*
A survey of the history of music in the church; hymns and hymn-tunes, liturgy, as well as practical problems connected with the actual music program of the church. Daily 8:50, CMS-227.
Mr. Malmin
149. Elementary School Music *Two hours, first term*
Techniques and procedures for teaching the music program of the elementary grades, including note singing, treatment of the child voice, part singing, methods and materials. Daily 11:20, CMS-227.
Mr. Malmin
150. Secondary School Music *Two hours, second term*
The place of music in adolescent development, the boy's changing voice, organizing and directing all phases of vocal and instrumental activities in the junior and senior high school. Two hours additional credit may be earned by active participation in Music S135. Daily 8:50, CMS-228.
Mr. Gilbertson

NURSING EDUCATION

10. The History of Nursing *Two hours, second term*
A study of the history of nursing practice. Daily 10:25, L-114.
Mrs. Morken

PHILOSOPHY

106. Ethics *Three hours, first term*
A summary of general, individual, and social ethics. Natural and divine sanction for acts of choice. Careful evaluation of the theories of ethical values. Daily 11:20 and 1:00, L-114. Mr. Kuethe
172. Philosophy of Education *Two hours, first term*
See Education 172.

PHYSICAL EDUCATION AND HEALTH

10. Health Essentials *Three hours, second term*
A general course in personal and community health. Daily 1:00 to 2:45, M-109. Mrs. Morken
54. First Aid and Safety Education *Two hours, first term*
The official Red Cross course in First Aid, and a study of the problems connected with safety education. Daily 7:55, G-1.
Mrs. Young

122. School Health Education Program *Two hours, second term*
Includes schoolroom construction, lighting, heating, sanitation, ventilation, selection and location of equipment, communicable diseases and medical inspection. Daily 10:25, G-2. Mr. Salzman
124. Methods in Teaching Sports (men) *Two hours, second term*
A study of methods and techniques in teaching games and sports, exclusive of major sports. Daily 11:20, G-2. Mr. Salzman
125. Basketball *Two hours, first term*
Daily 10:25, G-2. Mr. Harshman
126. Football *Two hours, first term*
Daily 11:20, G-2. Mr. Harshman
134. Elementary School Physical Education *Two hours, first term*
Progressive series of games and athletic activities for the elementary grades. Open to men and women. Daily 11:20, Gym. Mrs. Young
141. Methods in Folk Games *Two hours, first term*
A practical course designed to give the teacher the necessary fundamental skills, as well as a large amount of practical material for use in the teaching of folk games. Open to men and women. Daily 1:55, Gym. Mrs. Young
146. School and Community Recreation *Two hours, second term*
A course of instruction for those intending to take full or part time positions in the field of recreation. The course covers program planning in recreation, including a study of the organization and administration in community recreation, and a study of the relation of public school and community recreation. Daily 7:55, G-2. Mr. Salzman
190. Problems in Physical Education *Two hours, first term*
Problems discussed and investigated will chiefly be derived from the interest and needs of the students. Typical problems are: curriculum planning, budget, plant planning and operation, recent trends, personnel, and the relationship of physical education to athletics. Daily 7:55, G-2. Mr. Harshman

POLITICAL SCIENCE

57. American Government *Three hours, second term*
A study of the national, state and local governments, with special attention to practical operation and contemporary reforms. Daily 11:20 and 1:00, L-114. Mr. Schnackenberg

PSYCHOLOGY

1. General Psychology *Three hours, second term*
A general course in psychology emphasizing the principles and basic facts which are essential to an understanding of human be-

- avior. The main problems discussed are the physical basis for behavior, motivation, habits, learning, remembering, thinking, emotion, intelligence, personality, and character. Daily 7:55 to 9:40, M-109. Mr. Solberg
110. Child Psychology *Two hours, first term*
A study of the development and behavior of children. Prerequisite: Psychology 1. Daily 11:20, M-111. Miss Nelson
166. Mental Hygiene for Teachers *Two hours, first term*
See Education 166.
167. Psychological Testing *Two hours, second term*
A survey of the field of standardized tests. Tests in the areas of intelligence, aptitude, interest, and personality are considered. The proper use, the limitations, and the interpretation of these tests are emphasized. Daily 11:20, M-109. Mr. Eklund
169. Introduction to Counseling *Two hours, first term*
A course designed to acquaint the student with the various theories and techniques of counseling. The course is meant to be an introduction to the field and no actual counseling will be done; however, there will be opportunity for simulated interviews and some role playing in connection with the development of the theories and the techniques. Daily 8:50, S-110. Mr. Solberg
235. Psychology of Learning *Two hours, second term*
In this course some emphasis will be given to the different theories of learning but the major emphasis will be on the principles and research in human learning and their implications for curriculum and instruction. Daily 11:20, M-111. Mr. Sjoding

RELIGION

1. Life of Christ *Two hours, second term*
The study of the life of the Savior, with the four Gospels as textbooks, supplemented by interpretative lectures and discussions. Daily 10:25, S-204. Mr. Roe
2. History of the Christian Church *Two hours, second term*
The growth of the Christian Church traced through persecutions and controversies; the rise of the Papacy; the Reformation under Luther; the development of Protestant denominations; the preservation and progress of Christianity. Daily 1:55, L-115. Mr. Roe

SCIENCE

31. General Geology *Three hours, first term*
A study of the processes of nature by which the earth's surface has been built up, changed and torn down; natural history and

occurrence of common rocks and useful minerals; outline of the earth's history and its life. Daily 10:25 to 12:10, S-204. (Lab. fee \$3.00).
Mr. Strunk

- S36. Descriptive Astronomy *Two hours, first term*
A descriptive course. Topics covered include the moon, the solar system, coordinate systems for locating stellar objects, characteristics of stars. Daily 1:00, S-113. Mr. Jordahl

SOCIOLOGY

- S115. Public Opinion *Two hours, first term*
An analysis of public opinion and propaganda from the point of view of modern social science. Daily 7:55, CMS-227. Miss Nelson
- S108. Juvenile Delinquency *Two hours, first term*
Family and community backgrounds; treatment through institutions, the juvenile court and probation; and program of prevention. Daily 10:25, CB-1. Miss Nelson
121. The Family *Three hours, second term*
The changing home; the study of the family and familial customs; family interaction and organization; analysis and treatment of family disorganization. Daily 10:25 to 12:10, L-116. Mr. Knorr
- S168. Educational Sociology *Two hours, second term*
A systematic view of significant sociological data and principles applicable to educational policies and practices. Daily 7:55, L-116. Mr. Knorr

SPEECH

9. Fundamentals of Speech *Three hours, first term*
A foundation course dealing with the basic elements of the speech situation, including the visible and audible approaches, with some concentration on content. Extensive platform work. Daily 10:25 and 1:00, CMS-123. Mr. Ericson
125. Extempore Speaking *Three hours, first term*
Platform work predominates. Special emphasis given in gathering material, method of preparation and delivery. Prerequisite: Speech 9, 54, 82. Daily 7:55 to 9:40, CMS-123. Mr. Ericson
151. Drama Workshop *Five hours, second term*
The summer workshop will consist of 5 weeks of intense work in Drama. A complete three-act play, or equivalent will be produced in that time. The students will be involved in acting, stage management, lighting, and all other phases of production. The student is advised to take no other course but Drama Workshop and will only be permitted in the course by approval of the instructor. Daily 9:00 a.m. to 3:00 p.m., CMS Stage. Mr. Karl

