



Pacific Lutheran College

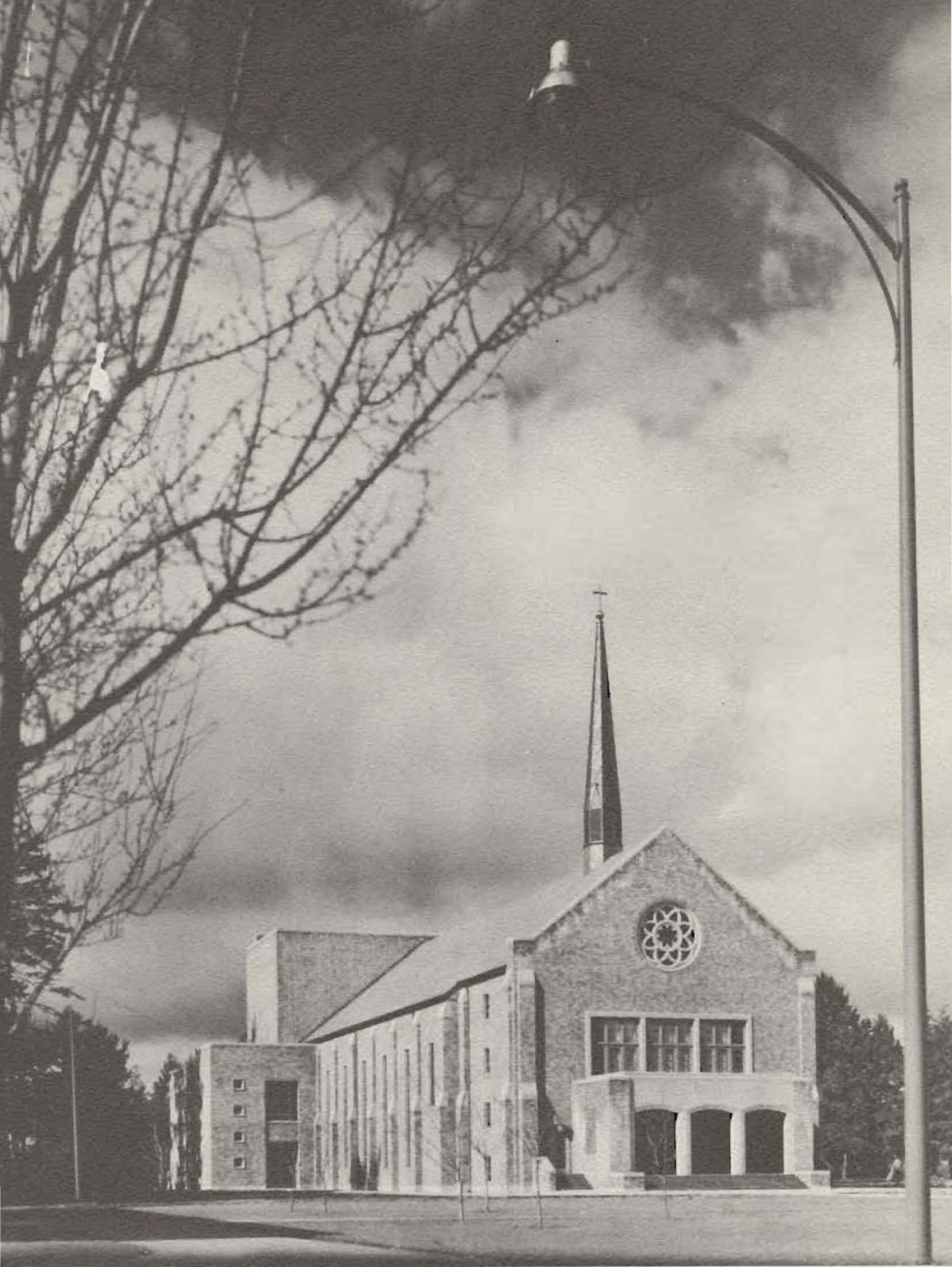
BULLETIN

Tacoma, Washington

CATALOG

1957



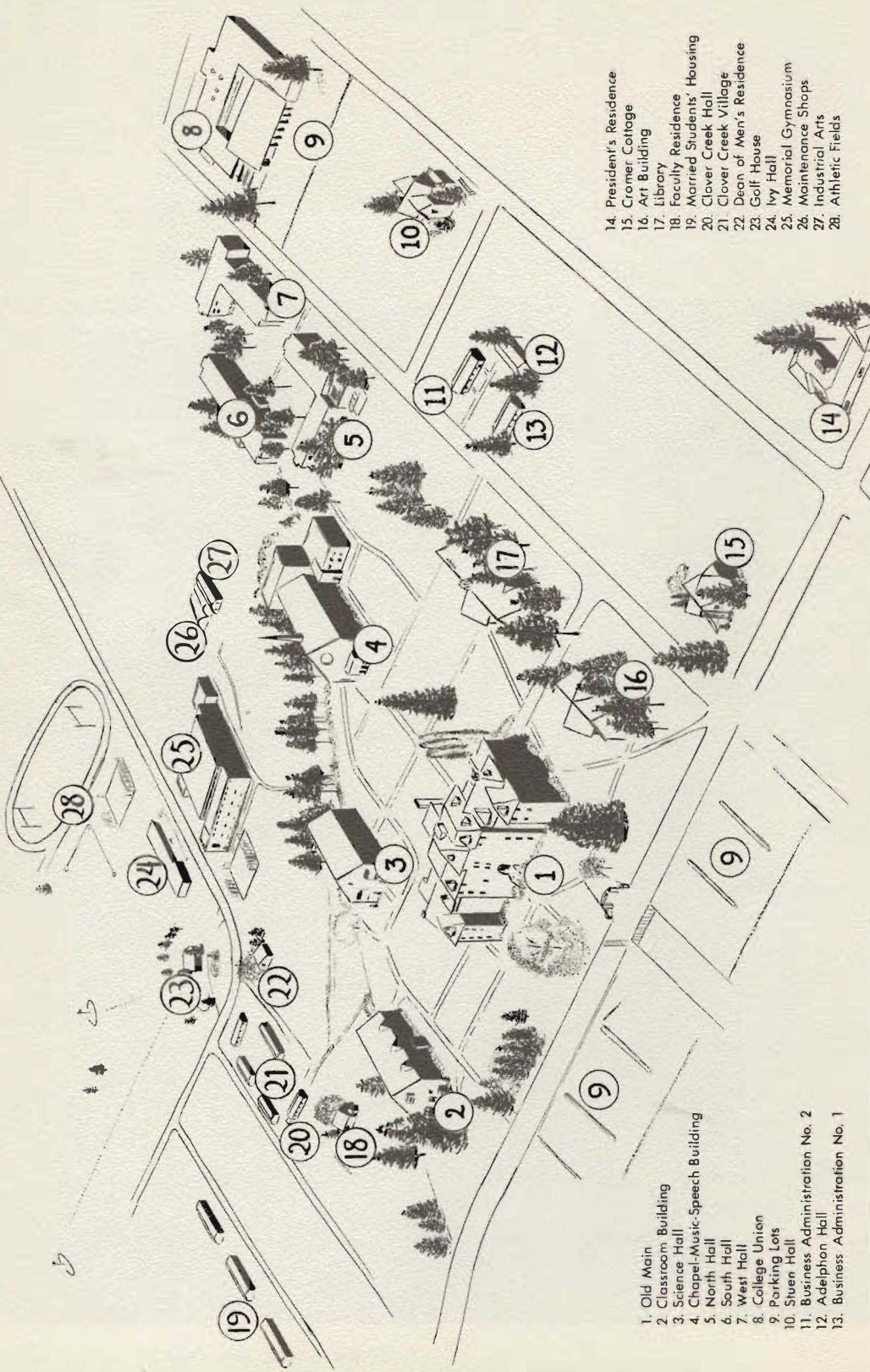


CHAPEL - MUSIC - SPEECH BUILDING





TACOMA FROM THE AIR



- 14. President's Residence
- 15. Cromer Cottage
- 16. Art Building
- 17. Library
- 18. Faculty Residence
- 19. Married Students' Housing
- 20. Clover Creek Hall
- 21. Dean of Men's Residence
- 22. Golf House
- 23. Ivy Hall
- 24. Memorial Gymnasium
- 25. Maintenance Shops
- 26. Industrial Arts
- 27. Athletic Fields

- 1. Old Main
- 2. Classroom Building
- 3. Science Hall
- 4. Chapel-Music-Speech Building
- 5. North Hall
- 6. South Hall
- 7. West Hall
- 8. College Union
- 9. Parking Lots
- 10. Stuen Hall
- 11. Business Administration No. 2
- 12. Adelphton Hall
- 13. Business Administration No. 1

Pacific Lutheran College Bulletin

Volume XXXVII

APRIL, 1957

Number 2

Announcements for 1957-1958 *Catalog, 1956-1957*



Tacoma 44, Washington

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Build for Character

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1957

JANUARY							MAY							SEPTEMBER							
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1958

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SCHOOL CALENDAR

SUMMER SESSION

—1957—

Registration begins 8:00 a.m.....	Monday, June 10
Classes begin 7:40 a.m.....	Tuesday, June 11
Independence Day, a holiday.....	Thursday, July 4
First Term ends.....	Friday, July 12
Second Term classes begin 7:40 a.m.....	Monday, July 15
Summer Session closes.....	Friday, August 16

FIRST SEMESTER

—1957—

Registration and Freshman Days*.....	Monday, Sept. 16—Saturday, Sept. 21
Classes begin 7:50 a.m.....	Monday, September 23
Mid-semester.....	Saturday, November 16
Thanksgiving Recess begins 12:30 p.m.....	Wednesday, November 27
Thanksgiving Recess ends 7:50 a.m.....	Monday, December 2
Christmas Recess begins 9:00 p.m.....	Friday, December 20

—1958—

Christmas Recess ends 7:50 a.m.....	Monday, January 6
Semester ends.....	Thursday, January 30

SECOND SEMESTER

—1958—

Registration for new students.....	Saturday, Feb. 1 and Monday, Feb. 3
Classes begin 7:50 a.m.....	Tuesday, February 4
Mid-semester.....	Wednesday, April 2
Easter Recess begins 9:00 p.m.....	Wednesday, April 2
Easter Recess ends 7:50 a.m.....	Tuesday, April 8
Memorial Day, a holiday.....	Friday, May 30
Baccalaureate Services 11:00 a.m.....	Sunday, June 1
Commencement 3:30 p.m.....	Sunday, June 1
Examinations.....	May 28, 29 and June 2-4

*See "Registration" Page



THE COLLEGE

HISTORY

In the keystone of the arch above the central entrance to Old Main, the inscription, PLU 1894, is indicative of the dreams of the Lutheran Church leaders. For the vision of these men, a university, led them to the wilderness to open on October 14, 1894, at Parkland, Washington, what was later to become the present Pacific Lutheran College.

Through the years — both of privation and prosperity — the College has continued to grow. Incorporated with it have been the former Columbia Lutheran College and Spokane College so that now Pacific Lutheran College is the only senior college west of the Rockies owned by a Lutheran Church. The College receives much of its support from The Evangelical Lutheran Church, The American Lutheran Church, and the Augustana Lutheran Church.

Through the years, Pacific Lutheran has grown from an Academy to a Junior College (1921), a three-year Normal School (1931), a College of Education (1939), and finally a College of Liberal Arts (1941). Now it also offers courses leading to a degree of Master of Arts in the field of Education.

Through the years, Pacific Lutheran has aimed to give the students understanding of their cultural heritage as they prepare for their future, of believing that Christianity is truly the center of their lives, and of realizing that the term "Pacific Lutheran College Family" actually defines the true spirit of the College.

LOCATION

Pacific Lutheran College is located in Parkland, Washington, within the Greater Tacoma area, approximately seven miles south of City Center. It is about two blocks west of Highway No. 5 and about two miles east of Highway No. 99. From downtown Tacoma,

it is accessible by the Spanaway busline which has a regular stop immediately in front of Old Main.

ACCREDITATION

Pacific Lutheran College is fully accredited by the Northwest Association of Secondary and Higher Schools as a four-year liberal arts college and by the Washington State Board of Education as a Teacher Training institution offering a complete program for the training of teachers in the elementary and secondary schools.

The College is also a member of the Association of American Colleges, the American Council on Education, and the National Lutheran Educational Conference. It has also been approved by the American Association of University Women.

OBJECTIVES OF THE COLLEGE

The Philosophy

Pacific Lutheran College is a College of Liberal Arts, but more than that, it is a Christian College.

As such its primary purpose must be the preparation of a trained Christian citizenry through an unhampered search for truth in all areas and aspects of life.

Academic Objectives

1. To impart to the student a fund of information covering the important areas of human knowledge which will serve as material for discussion and a basis for further development.

2. To train the student in the processes and procedures for obtaining specific information.

3. To arouse in the student an intellectual curiosity and interest in his surroundings and in mankind in general, so that he will desire to grow in knowledge and understanding.

4. To develop in the student a sense of Intellectual honesty or integrity.

5. To give training in professional and pre-professional courses, while continuing to emphasize the broad general training as a base for a college education.

Social Objectives

1. To provide an opportunity for the development and expression of Christian attitudes and faith.

2. To furnish wholesome recreation and Christian fellowship.

COLLEGE OWNERSHIP, CAMPUS

3. To provide opportunities for personal development, group recognition, and at the same time to foster student morale and loyalty to the college.

4. To encourage students to be active and creative, gaining satisfaction from accomplishing things that to them are interesting and worthwhile.

5. To give the students an opportunity to apply through extra-curricular activities skills and knowledge gained in the classroom.

OWNERSHIP, GOVERNMENT, AND SUPPORT

Pacific Lutheran College is one of the five major colleges of the Evangelical Lutheran Church in America although it is really owned by the Pacific Lutheran College Association. The latter name coincides with the Pacific District of the Evangelical Lutheran Church.

For several years now support has also come to Pacific Lutheran College from the American Lutheran Church, the Augustana Lutheran Church, the Pacific Lutheran College Alumni Association. From among these groups, the seventeen members of the Board of Trustees are elected. This Board, under the leadership of its Chairman, Dr. H. L. Foss, meets regularly to conduct the affairs of maintaining and building the College.

In addition to the regular support from the churches, Pacific Lutheran College enjoys a considerable gift-giving from the two Dormitory Auxiliaries and other friends of Christian education in many parts of the world.

THE CAMPUS

The College occupies a campus of approximately 125 acres in the center of the Parkland area. The upper campus includes the principal College buildings. On the lower campus to the south are located the Gymnasium, Family Apartments, Men's Residence Halls, and the Athletic Field with its baseball diamond, football practice field, running track, tennis courts, and nine-hole golf course. The beauty of the campus is enhanced by its natural surroundings—the evergreens and lofty Mount Rainier being especially noteworthy.

COLLEGE BUILDINGS

Old Main, a six-story brick structure, houses the administration offices, the student health center, six classrooms, a reception room, a dormitory for men, the heating plant, and a fireproof vault. There are concrete fireproof stairways at either end of the building which insure adequate fire escapes. An elevator, serving the dormitory, is in the center of the building. Equipped with a modern sprinkler system, the building is virtually fireproof.

The Library, the heart and center of college life, was erected

in 1939 and completed in 1948. The reading rooms on the main floor will seat 200 students. The stacks, with a capacity of 75,000 volumes, are furnished with study tables accessible to all students. Classrooms and professorial offices are on the first floor of the building. Aside from the main collections of 44,800 catalogued volumes on all phases of knowledge, the library has special collections in Germanic languages, rare books, and a growing archival collection relative to the development of the Lutheran Church in the Northwest. The library receives 369 magazines and newspapers. Since the library is a member of the Pacific Northwest Bibliographic Center, the resources of other libraries in the region are also available through inter-library loan. Included in its services is the procurement of audio-visual materials.

The Science Hall, a three-story brick building, completed in the fall of 1947, accommodates the departments of biology, chemistry, geology, and physics. In this building are a large lecture room, three classrooms, and eight well-equipped laboratories, as well as stockrooms and offices for the staff members.

The Memorial Gymnasium was completed in the summer of 1947. The building, which has a seating capacity of 2,300, provides classroom space as well as facilities for physical education classes and major sports.

The Chapel-Music-Speech Building was completed in 1952. The 1,238-seat auditorium is used for daily chapel exercises, concerts, special gatherings and plays. A stage 36 feet deep, 72 feet wide, and 72 feet high permits the production of all types of plays. The auditorium is equipped with an orchestra pit, and a new Casavant four-manual organ. Above the main lobby is a small lounge. On the third floor is a devotional chapel seating about seventy-five people. Music facilities include seventeen individual practice rooms, seven studios for music teachers, a large band and orchestra room, a choir and chorus room and a music library. Speech facilities, in addition to the stage, include classrooms, offices and a large radio studio.

The Classroom Building, formerly the Student Union, was made very attractive and adequate for class use in 1955-56. The main auditorium is used as a lecture room while four classrooms and several offices for faculty are now in use there.

The Old Chapel, a two-story frame building, is now used for classes in Art.

The College Union Building was completed in 1956. Built of cedarwall with brick and glass trim, after a beautiful contemporary design, this building houses much that is connected with student life. Here are a large dining room (seating 700) with its necessary kitchen plus a smaller dining room for intimate groups, the Coffee Shop, the College Bookstore, several lounges, a T-V Room, and a recreation room. The official college mailboxes for

RESIDENCES

students and faculty are also here as well as offices for the Associated Students, the College publications, and the College Alumni Association.

Cramer Cottage is now the home of the College Pastor and his family.

The President's Residence, a lovely brick home, is located north of the Campus.

Business Administration Classroom Buildings No. 1 and No. 2 are located north of the library.

College Apartments for married students are maintained on the lower campus.

The Warehouse and Shops, including the Industrial Arts Workshop, are located north of the Gymnasium.

WOMEN'S RESIDENCES

South Hall houses 129 women in 63 double rooms and 3 single rooms. The facilities include two large lounges with kitchens, two small kitchen units, laundry facilities, and two small lounge-study rooms. Special accommodations are provided for off-campus women on the ground floor.

North Hall houses 133 women with each room providing for one, two, or three students. There are two large lounges and a complete self-service laundry.

West Hall, opened in 1956, houses 151 women. It is almost identical in plan with North Hall.

MEN'S RESIDENCES

Old Main Residence Hall has room for about 230 men in rooms usually accommodating two students; however some of the larger ones may have three residents. Two lounges, a kitchen, and a self-service laundry add to the facilities. The automatic sprinkler system makes the Hall fireproof.

Ivy Hall, on the lower campus, has accommodations for 36 men. It has a reception room, kitchen, and self-service laundry.

Clover Creek Hall, also on the lower campus, accommodates 24 men. A large reception room and a self-service laundry are in the building.

Adelphon Hall, north of the Library, houses ten men. The accommodations provide four double rooms, two single rooms, and a reception room.

Stuen Hall, formerly the home of the Ole J. Stuen family, was converted into a residence for 16 men in 1956.

COLLEGE LIFE



In addition to successful academic performance, the College challenges the student to profit by experience in extra-curricular activities. Here also the student develops his leadership skills and learns how to work well with his neighbor. Organizations and clubs are for the most part under control of the PACIFIC LUTHERAN COLLEGE ASSOCIATED STUDENTS as part of a student government. This organization composed of the whole student body has regular meetings where general student affairs are discussed. The Student Council, representing the entire student body, administers all student activities and organizations on campus and also many co-curricular activities.

COLLEGE ACTIVITIES

General

ALPHA PHI OMEGA is a national service fraternity composed of college men who are or have been affiliated with the Boy Scouts of America. Requirements for membership are previous training in Scouting, the desire to be of service to others, and the maintenance of satisfactory scholastic standing. Advisers: Mr. Eklund, Mr. Salzman.

ASSOCIATED WOMEN STUDENTS is an organization for all women on the campus. It introduces its members to the privileges and problems of social life. Adviser: Miss Wickstrom.

INTER-CLUB COUNCIL is a group composed of official representatives from each of the campus clubs. Its purpose is to coordinate all student activities. Adviser: Miss Wickstrom.

CIRCLE K is an affiliate of National Kiwanis. Advisers: Mr. Axford, Mr. Ramstad, Mr. Vigness.

DELTA RHO GAMMA is a social organization of all off-campus women students. Adviser: Mrs. Miles.

HONORARY, ATHLETIC ORGANIZATIONS

LADY LUTES is an organization of wives of college students. Adviser: Mrs. Knorr.

OMICRON MU ALPHA is a social organization of all off-campus men. Advisers: Mr. Eklund, Mr. C. K. Malmin.

TOASTMASTERS is an affiliate of Toastmasters Club of America. The purpose of the club is to further speech education. Adviser: Mr. Harshman.

Honorary

ALPHA PSI OMEGA, the largest national dramatic fraternity, is represented on the campus by the Theta Pi Chapter. Eligibility for membership is determined by acting ability, experience as student directors, and stage crew experience. Advisers: Mr. Karl, Mr. Elbersen.

BLUE KEY NATIONAL HONOR FRATERNITY is a men's honorary for selected juniors and seniors. Membership is dependent upon scholarship, character, personality, and leadership. Adviser: Mr. Pflueger.

PI KAPPA DELTA, the largest national speech fraternity, is represented on the campus by the Washington Epsilon Chapter. Membership is determined by forensic ability and participation in intercollegiate competition and forensic activities. Members of this organization represent the College at the national convention and competitive tournaments. Adviser: Mr. Karl.

SPURS is a national honorary for sophomore girls, installed on the campus April, 1950. Adviser: Mrs. Karl.

TASSELS is an honorary for senior girls. Membership is based on a scholastic average of 3.00, character, and contributions to the social and cultural life of the College. Adviser: Miss Blomquist.

Athletic

THE ATHLETIC ASSOCIATION is a member of the Evergreen Intercollegiate Conference. Major sports include football, baseball, basketball, and track. Minor sports are tennis and golf.

LETTERMEN'S CLUB is an organization of men who have won letters in one or more of the major sports. Adviser: Mr. Harshman.

SKI CLUB is an organization of students interested in individual and competitive skiing. Its activities include frequent visits to Mt. Rainier and other ski bowls in the vicinity. Adviser: Miss Nelson.

MEN'S INTRAMURALS is a program designed to meet the needs of those students who wish to participate in sports in a limited capacity. Activities offered are touch football, basketball, free-throw contest, volleyball, table tennis, badminton, track, softball, tennis, golf and horseshoes. Director, Mr. Salzman.

DEPARTMENTAL, LITERARY ORGANIZATIONS

Departmental

ALPHA SIGMA LAMBDA is a service and achievement group open to all students majoring in the social sciences. Advisers: Mr. Axford, Mr. Dizmang.

THE AMERICAN CHEMICAL SOCIETY, a national organization for those interested in chemistry, organized a student chapter on the campus February 13, 1952. Student affiliation is open to anyone who has completed one semester of chemistry. Advisers: Mr. Ramstad, Mr. Olsen.

KAPPA RHO KAPPA is an organization open to all students of Greek. The group meets monthly with the purpose of presenting lectures and discussions valuable to the student preparing for seminary studies. Adviser: Mr. Roe.

LINNE SOCIETY is a club for biology students. Advisers: Mr. Leraas, Mr. Ostenson.

P.L.C. ART LEAGUE. The purpose of this organization is to give to the student a deeper appreciation for the arts through contacts, lectures, art exhibits, and projects, and to further a closer fellowship among the art students of the College. Adviser: Mr. Kittleson.

RHO LAMBDA CHI is the local chapter of the Future Teachers of America, an organization for all students in the field of education. This chapter is affiliated as a junior member with the National Education Association and the Washington Education Association. Advisers: Miss Nielsen, Miss Runbeck, Mr. Sjøding, Mr. Hagen, Mr. Pederson.

DELTA IOTA CHI is a club for all nursing students and graduate nurses in attendance at Pacific Lutheran College. Adviser: Mrs. Morken.

Literary

LITERARY BOARD. This Board is composed of student and faculty representatives. The problems of the SAGA and MOORING MAST come under its jurisdiction.

CURTAIN CALL CLUB is an organization devoted to the promotion of dramatic activities on the campus. Each month of the school year students from this group sponsor one-act plays and other forms of entertainment, working toward fulfilling requirements of Alpha Psi Omega. Adviser: Mr. Nordholm.

THE DEBATE SQUADS include junior and varsity division. They represent the school intercollegiate competition in forensics which include debate, extempore speaking, impromptu speaking, and oratory. Credit is given toward speech minors and majors as a result of successful competition records. Coach: Mr. Karl.

MUSICAL, RELIGIOUS ORGANIZATIONS

FRENCH CLUB and GERMAN CLUB are organizations complementing the respective language courses with programs that offer interesting aspects of historical, literary, and artistic value. Adviser: Mrs. Little.

VIKING CLUB is an organization promoting interest in the study of Scandinavian languages, music, and culture. Adviser: Mr. Svare.

Musical

THE CHOIR OF THE WEST, founded in 1926 by Mr. Joseph O. Edwards, was one of the first a cappella choirs in the West. The fifty young singers devote themselves to an intensive study of some of the greatest sacred choral music from the 15th and 16th centuries to the present. An extensive tour is made by the choir each year. Director: Mr. Malmin. Manager: Mr. Nesvig.

THE PACIFIC LUTHERAN COLLEGE CHORUS is a singing organization of about eighty-five voices dedicated to the artistic performance of the great choral masterpieces of oratorio, opera, cantata, and other representative works of both the past and the contemporary. The Chorus makes use of Band, Orchestra, Pipe Organ, and other ensemble media for accompaniment and in addition to radio, television, and concert appearances makes use of the art of staging and drama in choral concerts. Director: Mr. Fritts.

THE ORCHESTRA is an organization open to any student having adequate knowledge of an orchestral instrument. Besides giving students practical experience in playing the works of well-known composers, the orchestra appears in concert several times during the school year. Director: Mr. Gilbertson.

THE COLLEGE BAND is an all-college organization which performs at various functions. Capable students are given the opportunity to appear as soloists with the band. The Pep Band plays for basketball and football games. Director: Mr. Gilbertson.

THE ORGAN GUILD is a student chapter of the American Guild of Organists. It promotes the advancement of music for the organ and sponsors student recitals, field trips, and a nationally famous organist in concert on campus. Requirements for membership include only a sincere interest in organ music. Adviser: Mr. Newnham.

MU PHI EPSILON is a National Music Sorority in the professional field, having as its purpose the recognition of scholarship and musicianship, and the promotion of friendship within its sisterhood. Adviser: Miss Christensen.

Religious

THE PACIFIC LUTHERAN COLLEGE STUDENT CONGREGATION. This congregation is under the leadership of the College Pastor,

Robert W. Lutnes. It is not an incorporated and legal congregation; it is an organization designed to promote the Christian life and to train the students for informed and active leadership in the church. It annually elects a Board of Deacons, a Board of Trustees, a General Council and promotes a stewardship program. Students are invited to affiliate with this organization during their college career. This affiliation does not consist of a transfer from, nor affect in any way, their membership in the home congregation. Morning worship is conducted each Sunday and the Lord's Supper is celebrated the first Sunday evening of each month in the College Chapel.

The following religious organizations are promoted and coordinated by the Student Congregation:

LUTHERAN STUDENTS ASSOCIATION. This is an all-college religious organization in which the students have full charge of the program with meetings being held each Sunday evening. It is an affiliate of the Lutheran Student Association of America and works with the Division of College and University Work of the National Lutheran Council.

MISSION CRUSADERS, ALL STUDENT PRAYER SERVICE, and CAMPUS DEVOTIONS meet regularly throughout the year with student-planned programs.

LUTHERAN DAUGHTERS OF THE REFORMATION, an affiliate of the Women's Missionary Federation of the Evangelical Lutheran Church, meets monthly. Adviser: Miss Knudson.

PHI DELTA EPSILON is an organization for young women interested in full-time Christian service as a vocation. Adviser: Miss Wickstrom.

College Publications

THE MOORING MAST is a weekly paper published by the students. Adviser: Mr. Nesvig.

THE SAGA is the College annual published by the students. The editor-in-chief and the business manager are elected by the Associated Students. Adviser: Mr. Nesvig.

POLICIES GOVERNING COMMUNITY LIFE

For the College community only such rules have been adopted as have been found necessary for the promotion of the highest interest of the students. The College admits students with the express understanding that they will cheerfully comply with its rules and regulations in every respect and conduct themselves as Christian ladies and gentlemen.

The College maintains the right to exercise supervision over the work, conduct, and recreational activities of all students.

CHAPEL ATTENDANCE, ROOM ASSIGNMENTS

Students are expected to employ their time to the best advantage and to avoid activities which might interfere with legitimate class work. Specifically the College disapproves and does not sanction dancing. Smoking by women is not in harmony with the policies of the College. Gambling, visiting places of questionable nature, and the use of intoxicating liquors are strictly forbidden.

All automobiles used by students must be registered at the College. The Administration does not encourage students to keep an automobile while attending College.

Chapel

Chapel exercises are held Monday through Friday and attendance is required except on student body day. Excuses for absences must be filed with the Dean of Men or the Dean of Women within one week after the absence has occurred. Unexcused absences (cuts) are not permitted. More than four unexcused absences during any one semester may result in suspension of the student from all classes.

Scheduling

All social and college activities arranged by departments, campus clubs, or groups of students must be scheduled through the office of the Dean of Women. Approved chaperones are required for all scheduled activities held on and off campus. The scheduling of activities by students is the joint responsibility of the Inter-Club Council and the office of the Dean of Women.

Room Assignments

All students, except those living with parents, are required to live in college dormitories to the extent that rooms are available, unless permission to live off-campus is granted by the respective Deans. Such permission must be given on or before registration day and before other arrangements are completed. When students cannot be accommodated in the dormitories, the College will find suitable living quarters off the campus. Housing facilities off the campus are arranged for by the Dean of Women and the Dean of Men, and such housing should be obtained through them.

Application for housing either on or off campus should be made as early as possible. No student, except those living at home or with relatives, may complete registration who has not previously made application for housing through the Dean of Men's or the Dean of Women's Office. A deposit of \$10 should accompany every application for a room reservation. If the reservation is canceled before August 10, the deposit is refunded, but no refund is made after that date. Applications for housing are filed in the order of

RESIDENCE HALLS

the date of application. No room reservation will be held beyond the official date of registration unless the Dean of Men or Dean of Women is notified on or before that date. Priority listings of old housing applications are not carried over from semester to semester. New applications for desired housing must be made at a designated time for each semester.

All students must have in their possession an identification and housing assignment card to present to the business office during registration, showing that their housing has been completed and approved by the Dean of Men and Dean of Women. This identification card also serves as a temporary meal ticket during the first two weeks of school.

All those assigned rooms in private homes will have their \$10 deposit refunded after registration unless students desire to keep their application in force for the current year. In such case the \$10 is left on deposit and the Dean of Men or Women is notified.

The College dormitories will not be open for occupancy during the recess periods announced in the catalog or in advance of the opening date except by advance arrangements and payment of a special fee. The College reserves the right to use the dormitory rooms during the vacation periods for conventions or similar scheduled meetings if it is necessary. The dormitories open on Sunday afternoon, September 15, 1957. The closing date is June 4, 1958 at 6:00 P. M.

Housing assignments do not automatically continue from year to year. The College reserves the right to change student's location when it is necessary. A \$25 deposit must accompany a reservation for family apartments.

In April, the time to be announced, students in residence who plan to re-enroll for the fall term may make their room reservation accompanied by a \$10 deposit. After that date reservations will be received and assigned on the same basis as new students. Rooms are assigned in the order of receipt of room applications.

Men and women living off the campus may not room at the same house.

Residence Halls

The College maintains seven residence halls for students. The Dean of Women, Dean of Men, Housemothers, or Resident Heads have general supervision of residence halls. All students registering for rooms in any of the College residence halls are required to continue residence in that hall for the year (two semesters). Release from a year's reservation and accompanying rental charge can be obtained only with the approval of the Dean of Men or Dean of

HEALTH SERVICES

Women, and by having another student (new or off-campus) take over the room reservation at the time of withdrawal or the change of residence.

North Hall, South Hall, and West Hall rooms are provided with draperies and bed spreads; residents of other dormitories furnish their own. All dormitory rooms are provided with single beds, chests of drawers, study desks and chairs. Students furnish personal items which include sheets, pillow cases, pillows, blankets, mattress pads, towels, and other furnishings according to their own taste. The use of electrical appliances except radios, clocks, and reading lamps must have the approval of the respective Deans.

Occupants are held responsible for breakage or damage to the room or its furnishings. The rooms are subject to inspection by either the Dean of Women or of the Dean of Men. A final inspection of each room must be made before a student may leave at the end of the spring semester or at any time that he withdraws from the College. If the room has been approved by the Dean of Men or the Dean of Women, the \$10 room deposit is returned at the end of the school year to students who remain in residence during both semesters.

SERVICES

Health and Medical Services

The Student Health Service, staffed by an administrative head, a resident physician, one full-time nurse and assistants, supervises all personal and community health problems on the campus.

At the beginning of the school year, all new students are required to take a physical examination given at the College. Registration requirements are not fulfilled until the completion of this free examination. In addition, all students are required annually to take a free chest X-ray. Consultation service and further examination may be made available if the need is indicated by the physical examination.

The College does not provide for extended medical care by the College doctors, examination or treatment by specialists, or any X-ray service in addition to the free chest X-ray. Every assistance will be given, however, in making arrangements for special medical or surgical care. Whenever practical, the student is urged to avail himself of the services of his family doctor.

Infirmity care is available at the rate of \$1.50 a day. Students who are not registered with the College Boarding Club must pay an additional \$1.80 a day for board. All students are required to pay \$8.00 a semester for a health fee, which includes injury and medical coverage to \$500.00 as medical and \$50.00 as dental on any one injury.

BOARDING CLUB BOOK STORE, COFFEE SHOP, PLACEMENT SERVICE

All students who have been absent due to illness must report to the Health Center before returning to classes. Medical excuses for classes missed are issued only to students who have notified the Center at the time of their illness. Complete information covering health service is to be found in the Student Health Service bulletin.

Boarding Club

Residents of the dormitories are required to take their meals at the boarding club located in the new College Union Building. No deductions are made for students who eat fewer than three meals per day at the College or who are absent weekends. A charge is made for students entertaining guests. Students rooming off the campus may board at the boarding club if they wish.

Book Store

The College maintains a book store in the new College 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.

Coffee Shop

The College Coffee Shop is located in the new College Union Building and is open daily.

Placement Service

A fee of \$5 is charged to cover the cost of records and correspondence necessary for placement of graduates receiving the degree of Bachelor of Arts in Education or Bachelor of Education. An effort is made to place all graduates, but positions are not guaranteed. After the first position has been secured a charge of one dollar will be made for each additional issue of credentials.

Graduates receiving the degree of Bachelor of Arts are assisted by their respective major professors in obtaining desirable positions.



ACADEMIC ADMINISTRATION

ADMISSIONS

In accordance with its general purpose, Pacific Lutheran College will admit as students men and women of good moral character and health who are qualified by previous training and show promise of being able to benefit from the courses they intend to pursue.

The approval of an application is based upon a thorough study of the various factors significant as criteria for success in college. No arbitrary entrance requirements are set up, but experience shows that in order to do satisfactory college work, a student should have at least a C average in high school and rank in the upper seventy-five percent of his graduating class. Applicants will be notified of acceptance or rejection.

Admission Procedures

Anyone seeking admission to Pacific Lutheran College should address a letter of inquiry to the Director of Public Relations. In order to be considered for admission, prospective students must submit the following credentials:

1. A formal application for admission, made on the uniform application blank used by the institutions of higher learning in the State of Washington. These forms may be procured from high school principals or upon request from the Director of Public Relations. Applications for admission should be made as soon as possible after graduation in order to allow time for the College to determine whether the student qualifies.

A student may submit an application after the completion of seven semesters of high school work. In such cases the College will supply the high school principal with a form on which he will certify graduation and completion of the courses listed on the original application.

An applicant transferring from another institution of collegiate rank must have that institution forward an official transcript, including a statement of honorable dismissal.

2. Recommendations from two people personally acquainted with the applicant, preferably a pastor, teacher or employer. Recommendation forms may be obtained from the College. Such recommendations should be mailed directly to the Committee on Admissions. If possible, a personal interview with representatives of the College should be arranged.

Admission to Freshman Standing

Admission to Freshman standing may be granted in one of the following ways: (1) sixteen units earned in an accredited four-year high school or equivalent; (2) twelve units earned in an accredited senior high school (plus regular ninth grade units); (3) entrance examination administered by College officials.

It is recommended but not required that the high school course of the applicant include: English, 3 units; elementary algebra, 1 unit; plane geometry, 1 unit; history and civics, 2 units; one foreign language, 2 units; one laboratory science, 1 unit; electives, 6 units.

Admission to Advanced Standing

Students who transfer from accredited institutions of collegiate rank may be admitted to advanced standing by submitting complete official transcripts of high school and college records, including statements of honorable dismissal.

- a. Credit will be granted for subjects which meet the requirements of the course chosen by the student and for which the student has made grades of not less than C.
- b. Credit for subjects in which the student has a grade of D will be withheld until the student has successfully completed one semester's work.
- c. In order to be a candidate for a degree, the last full year of work must be taken in residence. A minimum of 30 semester credits must be earned during the senior year.

Admission As Special Student

The following persons, upon securing the consent of the Dean, may be admitted as special students:

1. Mature individuals who are not eligible for admission as regular students but who have supplemented their incomplete preparation by practical training and experience and who are judged competent to benefit from the courses they desire to take.

AUDITORS, REGISTRATION

2. Teachers who wish to take foundation courses as background for subjects they teach or who wish to meet requirements for professional certification.
3. Graduates of accredited high schools who desire to register for a limited number of courses.
4. Applicants who are graduates of unaccredited high schools.

Special students are not admitted as candidates for degrees. However, if their scholastic record reveals evidence of ability, they may become regular students by fulfilling the admission requirements of the College.

AUDITORS

A regular or special student may audit a course provided he secures the approval of the dean and the instructor of the course. An auditor attends classes but may not participate or receive credit. No person may audit a course without being properly registered. This involves the payment of a special fee.

REGISTRATION

The registration of students is conducted on the days scheduled in the school calendar. All freshmen must be present at the College by 8:00 a.m. Monday, September 10, to take part in the orientation, testing and registration program which will be conducted Monday through Saturday. Upperclassmen will complete their registration on Tuesday and Wednesday, September 17 and 18. Thursday, September 19, will be sophomore registration. Registration prior to these dates may be completed by special appointment.

Students who do not register on the days designated will be charged a late registration fee.

Students transferring from another college may not complete registration until official transcripts and statements of honorable dismissal have been received.

Registration is not completed until the following steps have been taken:

1. Physical examination has been completed and evidence of same presented by the student to the student's adviser or Registrar.
2. Schedule of classes has been made in consultation with the student's adviser.
3. Program of studies has been approved by the Dean.

STUDENT PERSONNEL SERVICES

4. Class sections have been checked.
5. Class cards have been signed by the student.
6. Satisfactory financial arrangements have been made with the Business Office.

The normal program for a full-time student is 16 hours, including Physical Education activity. A credit hour represents one full period of prepared class work a week, or, if a laboratory subject, at least two periods per week, for not less than seventeen weeks.

Only students with a B average or better may register for more than 17 hours without the special consent of the Dean.

A student engaged in much outside work for self-support may be restricted to a reduced program.

A full-time student who passes in less than eight hours in any semester shall not be permitted to re-register. Students dropped for low scholarship are eligible for re-admission after expiration of one semester unless otherwise indicated.

All changes in registration must have the special approval of the Dean.

STUDENT PERSONNEL SERVICES

The purposes of student personnel services are to aid the individual student in making the best possible adjustment to college life. Knowing that students have a constant need for assistance with personal problems, academic adjustments, and vocational planning, together with problems of attendance, health, employment, recreation, and so forth, arrangements have been made to make available special services and offices to supply the needs of students, whatever those needs may be. The student is encouraged to make use of the facilities freely available to him as outlined below.

THE COLLEGE TESTING AND COUNSELING SERVICE is under the direction of Mr. L. O. Eklund. This service is responsible for administration and interpretation of the guidance examinations given to all freshmen during orientation week as well as other departmental testing programs. However, its major emphasis is giving service to college men and women at any time for personal, vocational, and educational counseling. Individual testing is the basis of the services rendered.

Batteries of tests are available for the various professions for those students concerned about their aptitudes and interests as well as general fitness for college training. Counseling is based on test

GUIDANCE PERSONNEL

results and other personal data assembled to solve individual problems such as nature of ability, identification of aptitudes, identification of vocational interests, inventory of personality traits, choice of vocation, reading habits and the identification of religious and other personal problems.

Students with unresolved problems and difficulties of long duration, the severity of which is creating a hazard to their success in college, are invited to visit the Testing and Counseling Service. The results of this service are confidential and will not be given to anyone without the permission of the student.

Guidance Personnel

THE DEAN OF THE COLLEGE welcomes students for counsel relative to course planning and other matters as the student may desire.

THE DEAN OF MEN AND THE DEAN OF WOMEN are available as general counselors to whom students may take their problems. Students may be further directed to other members of the counseling service who can best help them with their problems. The Dean of Men and Dean of Women are the directors of their respective dormitories and off-campus housing. They also approve general living conditions within the housing units of all students living away from home.

THE DEAN OF MEN counsels the men relative to various problems, including educational and vocational planning, social adjustment, dormitory life, employment and financial needs, attendance and other matters.

THE DEAN OF WOMEN counsels women students concerning vocational and educational planning, social activities, employment needs, dormitory life, attendance, and other personal and educational needs which arise in college life. This office also coordinates and schedules all campus activities.

FRESHMAN ADVISERS counsel students in lower division academic planning and general college orientation. Freshman advisers are assigned to students as they are accepted by the College. This student-adviser relationship is maintained throughout the freshman and sophomore years so that the student may have a faculty member follow his plans and course in detail. At the close of the sophomore year the student is required to choose a major and have it accepted by the department concerned and the Dean of the College. On acceptance of the student in a major department the student is assigned an adviser in that department. In some instances students may be assigned major advisers at the end of their freshman year if they have determined their field of major interest.

MAJOR ADVISERS are assigned to counsel students in upper division academic planning. A student, for example, majoring in chemistry will have a major adviser who is a member of the department of chemistry.

VETERAN'S ADVISER. Veterans under Public Law 550 may make application for training at their nearest Veterans Administration Office or to L. O. Eklund, Dean of Men, who is the veteran's adviser. If at all possible, veterans should not wait until they come to college to make this application.

All problems, related papers, and documents should be cleared through his office to obtain the best possible service. To make original application at the college, veterans should come prepared with documentary proof of military service or bring a certificate obtained previously from the Veterans Administration. Married veterans must submit legal proof of marriage and furnish county or state-authorized birth certificates of children. Delay in furnishing evidence of status means delay in receiving subsistence.

Requests for further information should be directed to the Dean of Men.

ATTENDANCE

Regular class attendance is required. Excuses for absences must be approved by the Dean of Men or Dean of Women concerned and filed with the instructor within one week after the absence has occurred. An excused absence gives the student permission to make up the work missed.

Unexcused absences (cuts) are not permitted. Unexcused absences equal to the number of credits given in the course may result in the suspension of the student from the class. Before and after vacations unexcused absences count double.

GRADING AND SCHOLARSHIP

GRADES. The grading system is as follows: A, superior; B, good; C, average; D, low; E, failure; K, conditioned; I, incomplete; W, withdrawal by permission; P, passed.

K GRADE. A K grade may be removed by examination or special assignment. A grade of K may not be raised above a D. If the condition is not removed within the first six weeks of the following semester of residence, it will be converted to a grade of E.

I GRADE. An incomplete may be given to a student doing passing work in the course, but who, because of factors beyond his control, has been unable to take a final examination or complete

GRADING AND SCHOLARSHIP

a major assignment. The instructor giving an incomplete (I) must file with the Dean of the College the reason for the incomplete and a statement of the work that the student must finish in order to remove the incomplete. An I grade must be removed within the first six weeks of the following semester of residence or previous to that date must receive an official extension of time from the Dean of the College.

P GRADE. A P grade is recorded when credit has been allowed without defining the grade.

WITHDRAWALS. A student wishing to withdraw from the College or from a specific course must secure the approval of the Dean of the College. The student is entitled to honorable dismissal if his record of conduct is satisfactory and he has satisfied all financial obligations.

Official withdrawals from courses during the semester will be indicated on the student's record as follows: W, withdrawal during the first four weeks; W, withdrawal after the first four weeks if the student's work in the course is satisfactory and if recommended by the instructor; E, withdrawal after the first four weeks if the student's work is unsatisfactory.

Unofficial withdrawals shall be indicated on the student's record as follows: UW, unofficial withdrawal, if the student's work is satisfactory; E, if the student's work is unsatisfactory.

Withdrawal during the final six weeks will be approved only upon consideration of factors beyond the control of the student.

Grade points are granted as follows: A, four grade points for each credit hour; B, three grade points for each credit hour; C, two grade points for each credit hour; D, one grade point for each credit hour; E, no grade point. Freshmen or Sophomores receiving a D or E in any course may repeat the course and in such case the second grade will be counted in computing the Grade Point Average, provided the repetition is done within the second succeeding semester. When juniors and seniors receive a "D" or an "E" in any course and repeat it, they will receive the average of the two grades for the cumulative grade point average.

ACADEMIC PROBATION. Students are placed on probation if they fail to maintain the minimum grade point average according to the following scale: Freshmen, 1.75; Sophomores, 1.90; Upperclassmen, 2.00. Probation in the academic sense, as here used, is not a disciplinary measure, but instead is an attempt to encourage the student in the direction of his highest efficiency. A student who has been placed on probation because of low scholarship will be required to reduce either his academic or extra-curricular activities,

CLASSIFICATION, HONORS, ELIGIBILITY

or both, until his scholarship average shall warrant his removal from probation.

A student on probation who fails to show adequate improvement during the following semester will not be allowed to re-register unless, because of extenuating circumstances, he is reinstated by the Scholarship Committee. Students dropped for low scholarship are eligible for re-admission after the expiration of one semester unless otherwise indicated. The student and his parents are notified officially when he is placed on probation. He remains on probation until his grade point average equals the minimum grade point average listed above.

A senior on probation will not be included on the list of candidates for graduation.

CLASSIFICATION OF STUDENTS

Students are classified as follows:

Freshmen: Students who have met the entrance requirements.

Sophomores: Students who have completed 24 semester credit hours and have earned 48 grade points.

Juniors: Regular students who have fulfilled lower division requirements and have completed 56 semester credit hours and have earned 112 grade points.

Seniors: Regular students who have completed 88 semester credit hours and have earned 176 grade points.

GRADUATION HONORS

Degrees with honors of Cum Laude, Magna Cum Laude and Summa Cum Laude are granted to students receiving the required grade point average. To be eligible for these honors a student must have earned an average of 3.30 for Cum Laude, 3.60 for Magna Cum Laude and 3.90 for Summa Cum Laude.

ELIGIBILITY

In order to be eligible to hold office in student organizations, to represent the College in intercollegiate contests of any character, to participate in dramatic or musical performances, to be on the staff of either the SAGA or the MOORING MAST, a student must be registered for at least twelve hours and maintain a grade point average of 2.00. Any student on probation will not be permitted to participate.

Participation in intercollegiate athletics, however, is governed by the code of the Evergreen Intercollegiate Conference.

SUMMER, SPECIAL, EVENING CLASSES

SUMMER SESSION

The Summer Session is an integral part of the program of Pacific Lutheran College. It is divided into two terms of five weeks each.

The instructional staff includes members of the regular faculty of Pacific Lutheran College. Visiting teachers supplement the regular staff. All laboratory, library, and regular facilities are available. The standards prevailing during the summer session are the same as those maintained during the regular school year.

The courses for the summer session are planned to meet the needs of students who are enrolling in college for the first time, those who are attending the summer session in order to accelerate their college program, and teachers who are working for one of the degrees offered by the college or for certification requirements. The courses are arranged so that students may take classes which meet for the first five-week term, the second five-week term, or classes which meet for the full ten-week summer session. Ten semester hours is considered a normal load for the ten-week summer session.

SPECIAL AND EVENING CLASSES

Special and evening classes are offered during the regular school year to the regular students and the public. These courses are given on the campus in the late afternoon and early evening. Upon demand, however, certain courses may be given in other cities.

These courses are primarily given for students working for a degree or for those interested in a particular field. If there is a sufficient demand for any courses not listed in the curriculum, the new courses will be added to the program. All requests for additional courses should be directed to the Registrar's office.

MUSIC PREPARATORY DEPARTMENT

As a service to the Parkland area, the College offers instruction in piano for young beginners up to college age.

REQUIREMENTS FOR DEGREES



The College desires to provide for each student the educational experiences which will be of most value to him. For this reason, at Pacific Lutheran College the often-separated aims of "liberal" and of "professional" or "vocational" education are brought into mutually helpful relation to each other.

Pacific Lutheran College, a liberal arts college, granting degrees in liberal arts, education, medical technology and nursing education, also offers preparatory courses for students of engineering, dentistry, law, medicine, parish work, social work, and theology.

Pacific Lutheran College offers courses leading to the degrees of Bachelor of Arts, Bachelor of Arts in Education, Bachelor of Science in Medical Technology, Bachelor of Science in Nursing, Bachelor of Education and Master of Arts (in Education).

A candidate for a bachelor's degree must present academic credit in approved courses amounting to 128 semester hours, except in Nursing Education where it is 148, and a minimum grade point average of 2.00 except in Education where it is 2.25.

The candidate must meet the general requirement of one year in residence and must have earned a minimum of thirty semester hours at Pacific Lutheran College during his senior year. A minimum of forty semester hours of upper division courses earned in the junior and senior years is required.

The requirements for the bachelor's degrees offered by the College are described later in this section.

The student must accept full responsibility for meeting all graduation requirements.

BACHELOR OF ARTS DEGREE

BACHELOR OF ARTS DEGREE

A. Freshman-Sophomore Requirements: 64 semester hours credit at the end of the sophomore year.

1. English Composition and Literature. Requirement: 9 hours.
Composition 101, 102 (6 semester hours) is required of all freshmen. A three-semester-hour course in Literature is to be completed by the end of the sophomore year.
2. Fine Arts. Requirement: 3 hours.
This requirement may be met by a course in Art or Music. Applied music courses will not meet this requirement.
3. Classical or Modern Languages. Requirement: 14 hours.
All students must have a minimum of fourteen semester hours of classical or modern language in high school and college combined. Students who present two units in one classical or modern language at entrance are required to earn six additional credit hours in the same language. Students presenting four units in one language at entrance are not required to take a foreign language in college.
4. Physical Education. Requirement: 4 hours.
Physical Education activities must be taken during the freshman and sophomore years.
5. Religion. Requirement: 8 hours.
Underclassmen must complete eight semester hours in Religion 101, 112, 201, 202.
6. Science. Requirement: 8 hours.
Before the end of the sophomore year, eight hours in one science is to be completed. This requirement may be satisfied by any one of the following year courses: Biology 101, 102 or 131, 132 or 141, 142; Chemistry 105, 106 or 107, 108; Geology 101, 102; Physics 261, 162.
7. Social Studies. Requirement: 15 hours.
The fifteen hours required in Social Studies must be taken in the departments of Economics and Business Administration, Geography, History, Political Science, Psychology and/or Sociology. A year course (six hours) in history is required. The remaining nine hours must include work in at least two departments other than history. Only courses in economic theory in the department of Economics and Business Administration will be accepted.

B. Junior-Senior Requirements: 64 semester hours credit to bring the total for the degree to a minimum of 128 credit hours.

1. Philosophy. Requirement: 3 hours.
This requirement may be met by Philosophy 201 or 312.
2. Major Requirements.
The selection of the field of concentration must be made by the end of the sophomore year. The choice must be approved by the department concerned and the Dean of the College. The approval form may be obtained at the Registrar's Office. It is recommended that students desiring advice about the selection of a major see the Dean of the College. The general minimum requirements, as well as the specific number of hours, for a major are determined

BACHELOR OF ARTS IN EDUCATION

by the department concerned. A major is a sequence of courses within one department.

- a. At least twelve hours of the work for a major must be taken during the junior and senior years. Six hours of the major must be taken in the senior year.
- b. The quality of work must be C or better. Any student receiving a grade of D may count the credit toward graduation but not toward the major.

3. Minor Requirement.

A minor field of concentration is also required. The minor consists of fifteen hours or more of work taken in a single field of study outside the major department, the program to be approved by the major adviser in accordance with the regulations of the minor department. It is recommended that the minor be chosen outside a student's major field of concentration in order to provide a broader and more thorough educational background. The scholarship requirements for majors are also applicable to minors.

In order to fulfill these requirements, it is suggested that normally a freshman will take a program of courses comparable to this: Religion 101, 112; Composition 101, 102; Social Studies or Mathematics (6 or 10 hours); Science (8 or 10 hours); Language (6 or 8 hours); P. E. (2 hours).

BACHELOR OF ARTS IN EDUCATION

The Bachelor of Arts in Education curriculum requirements as listed below meet the certification pattern in the state of Washington for the Provisional General Certificate. This certificate must be converted to the Standard General Certificate upon the completion of at least one year of teaching (180 days) plus an additional year of college training. The additional year of college work must be completed before the sixth year of teaching. Experienced teachers working toward the principal's credential and those wishing to convert or renew certificates will find opportunities to fulfill their requirements here.

The department will assist, in every possible way, those students or experienced teachers wishing to follow the certification pattern in other states.

Freshmen and sophomores planning to enter the education field should counsel with the members of the department concerning their plans and programs.

Curriculum Requirements

GENERAL EDUCATION

*ART

Introduction to Fine Arts 101 or
Fundamentals of Art 111 3 hours

*—Students planning to be elementary teachers should elect Art 111.

BACHELOR OF ARTS IN EDUCATION

ENGLISH

Composition 101, 102	6 hours
Literature elective	3 hours

MUSIC

Fundamentals of Music 101 or Music Survey 120	3 hours
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PHILOSOPHY

Introduction to Philosophy 201 or Ethics 312	3 hours
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PHYSICAL EDUCATION AND HEALTH

Physical Education Activity	4 hours
Men: 107, 108, 109, 110 Women: 101, 102, 103, 104 or Men and Women: 201, 202, 203. Prerequisites: 2 hours from the courses listed above.	
Health Essentials 210	3 hours

PSYCHOLOGY

General Psychology 101	3 hours
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RELIGION

Life of Christ 101	2 hours
History of the Christian Church 112	2 hours
The Bible—Old Testament 201	2 hours
The Bible—New Testament 202	2 hours

*SCIENCE

Introduction to Biological Science 121	4 hours
Introduction to Physical Sciences 122	4 hours

SOCIAL STUDIES

World Geography 101	3 hours
History of Western Europe 103, 104 or American History 203, 204	6 hours
The Pacific Northwest 210	2 hours
Elective: Economics, Political Science, or Sociology.....	3 hours

SPEECH

Fundamentals of Speech 101	3 hours
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PROFESSIONAL COURSES

EDUCATION

Introduction to Education 202	4 hours
Human Development 301	3 hours
Methods and Observation 311.....	4 hours
Teaching of Reading 312.....	2 hours
Mathematics in Elementary School 319.....	2 hours
Principles of Guidance 370	2 hours
Curriculum, Methods, Materials and Student Teaching 461 ab or cd.....	5 hours
Student Teaching 463 a, b, c or d.....	9 hours

*—Students planning to concentrate in science should not enroll for these courses without the consent of the department concerned.



OUTSIDE THE COLLEGE UNION.



IN THE SPRING



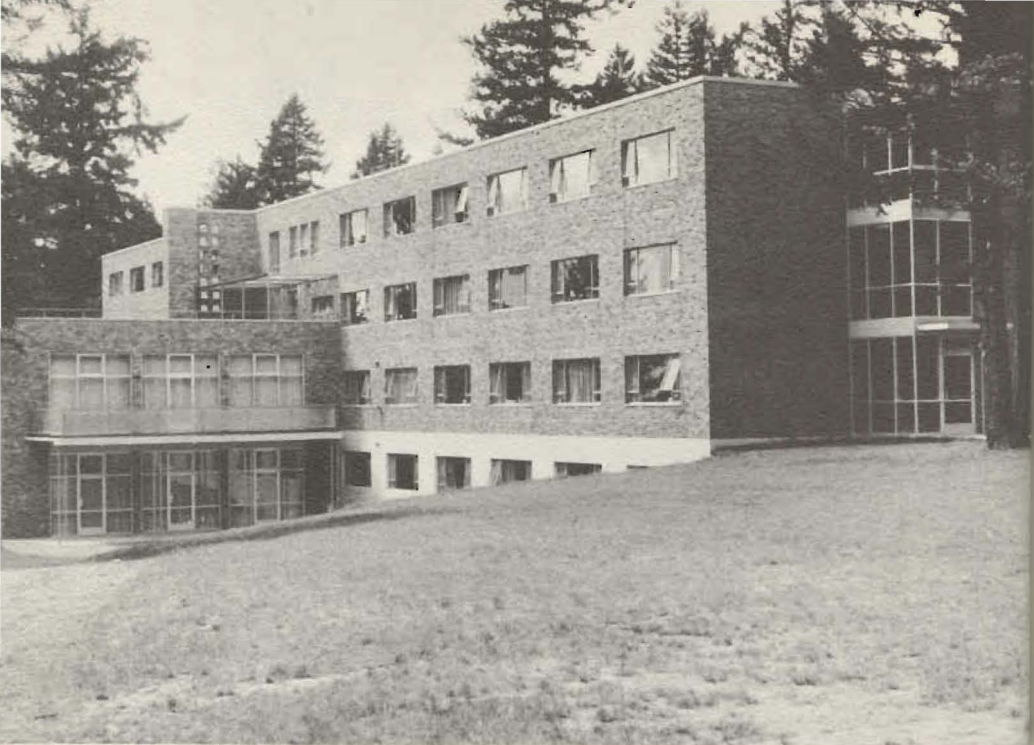
ACADEMIC PROCESSION



LUCIA FESTIVAL



MAY QUEEN AND HER COURT



SOUTH HALL



NEW WEST HALL

BACHELOR OF ARTS IN EDUCATION

BROAD AREA OF CONCENTRATION (40 sem. hr. minimum)

Areas of Concentration are to be organized around the following centers:

1. Fine and Applied Arts—including art, music, and commercial.
2. Health—including physical education and health.
3. Language Arts—including composition, foreign language, journalism, literature, and speech.
4. Science and Mathematics—including biological and physical sciences and mathematics.
5. Social Studies—including history, sociology, political science, economics, and geography.

Areas of Concentration may be planned in any one of the following options:

- Option 1. One broad area: Not more than 24 semester hours in one field to be supported by the work in the "broad area."
- Option 2. Two broad areas of 24 to 28 hours and 12 to 15 hours respectively.
- Option 3. Three broad areas of approximately 12 hours each. Should not include more than two fields in each area of study. Professionalized subject matter (see page 42) may be considered as one area under this option. If this area is chosen Art 325 and 425 and Music 340 are required.

COURSE PLANNING

Freshman

	semester hours
English 101, 102—Composition	6
History 103, 104—History of Western Europe or 203, 204—American History	6
Religion 101, 112—Life of Christ and History of the Christian Church	4
*Science 121—Introduction to Biological Science	4
122—Introduction to Physical Sciences	4
Speech 101—Fundamentals of Speech	3
Electives	3
P. E. Activity	2

Sophomore

**Art 101—Introduction to Fine Arts or 111—Fundamentals of Art	3
Education 202—Introduction to Education	4
Geography 101—World Geography	3
History 210—The Pacific Northwest	2

*Students planning to concentrate in science should not enroll for these courses without the consent of the department concerned.

**Students planning to teach elementary grades; others should elect Art III.

FINE AND APPLIED ARTS

Music 101—Fundamentals of Music or 120—Music Survey	3
P. E. & Health 210—Health Essentials	3
Psychology 101—General Psychology	3
Religion 201, 202—The Bible—Old Testament and The Bible—New Testament	4
English Elective	3
Social Studies Elective—May be for field of Soc., Pol. Sci. or Econ.	3
P. E. Activity	2

Junior

Education 301—Human Development	3
Education 311—Methods and Observation	4
Education 312—Teaching of Reading	2
Education 319—Mathematics in Elementary School	2
Electives	22

Senior

Education 370—Principles of Guidance	2
Education 433 ab or cd—Curriculum, Methods, Materials and Student Teaching	5
Education 463 a, b, c, or d—Student Teaching	9
Philosophy 201—Introduction to Philosophy or 312—Ethics	3
Electives	11

Total 128 hours

FINE AND APPLIED ARTS

The Fine and Applied Arts area includes Art, Music, and Economics and Business Administration.

Program Option I

Under Option I 40 semester hours are required with not more than 24 semester hours devoted to one field (department) in the area of concentration. Field (department) concentrations in this area are offered in Art (Program 1), Music (Programs 2 and 3), Economics and Business Administration (Programs 4 and 5). The balance of the work carried in this area should include one of the suggested combinations found under Program a, b, c, d or e.

Program 1—Art

REQUIRED: Art 111, 112, 210, 215, 219, 311, 312, 325, 411, 412.

Program 2—Music

REQUIRED: Music 111, 112, 120, 341 or 342, 340 or 440e, plus four hours of private study and four hours of choir, chorus, band, orchestra.

ELECTIVES: Six hours.

RECOMMENDED: Program a, c, or d as a supporting combination.

FINE AND APPLIED ARTS

Program 3—Music Education and Theory

REQUIRED: Music 111, 112, 211, 212, 243 or 244, 341 or 342, 340 or 440e. Program e as a supporting combination.
ELECTIVES: Six hours.

Program 4—Commercial-Secretarial

REQUIRED: EBA 141, 142, 143, 144, 211, 212, 243, 244, 354.

Program 5—Commercial Accounting

REQUIRED: EBA 141, 142, 143, 144, 211, 212, 241, 311, 354.

Program a—Art

REQUIRED: Art 101 or 111, 215, 219, 325, 412.
ELECTIVES: Four hours.

Program b—Music

REQUIRED: Music 111, 120, 340 plus four hours of private study and two to four hours of choir, chorus, band, orchestra.
ELECTIVES: Nine hours.

Program c—Commercial-Secretarial

REQUIRED: EBA 141, 142, 143, 144, 241, 243.

Program d—Commercial-Accounting

REQUIRED: EBA 141, 142, 211, 212, 241, 311.

Program e—Applied Music and Art

REQUIRED: Art 101 or 111 plus six to eight hours of private study in music and six to eight hours of choir, chorus, band, orchestra.
This program applicable only to those taking Program 3.

Program Option II

The program under Option II permits concentration in two broad areas with 24 to 28 hours in one area and 12 to 16 hours in a different area. In Fine and Applied Arts the major area may include any one of the combinations outlined under Program 1, 2, 3, 4 or 5. The minor area may include one of the suggested combinations listed under Program a, b, c, or d.

Program 1—Art

REQUIRED: Same as Option I, Program 1.

Program 2—Music

REQUIRED: Same as Option 1, Program 2.

Program 3—Art and Music

REQUIRED: Twenty-four hours.

Program 4—Commercial-Secretarial

REQUIRED: EBA 141, 142, 143, 144, 211, 212, 243, 244, 354.

Program 5—Commercial-Accounting

REQUIRED: EBA 141, 142, 143, 144, 211, 212, 241, 311, 354.

Program a—Art

REQUIRED: Art 101 or 111, 215, 219, 325, 412.
ELECTIVES: Four hours.

HEALTH

Program b—Music

REQUIRED: Music 111, 112, 120, 340 or 440e, plus two hours of private study. Two to four hours of choir, chorus, band, orchestra.

Program c—Commercial-Secretarial

REQUIRED: EBA 141, 142, 143, 144, 241, 243.

Program d—Commercial-Accounting

REQUIRED: EBA 141, 142, 211, 212, 243, 311.

Program Option III

In the area of Fine and Applied Arts under Option III, 12 to 14 hours are required in one of the following programs:

Program 1—Art

REQUIRED: Art 101 or 111, 215, 325, 412.
ELECTIVES: Three hours.

Program 2—Music

REQUIRED: Same as Option II, Program b.

Program 3—Art and Music

REQUIRED: Art 111, 215, 325; Music 111, 340 or 440e, piano, or voice.

HEALTH

The Health area includes courses offered in the department of Physical Education and Health.

Program Option II

The program under Option II permits concentration in two broad areas with 24 to 28 hours in one area and 12 to 16 hours in a different area. The student selecting Health as the major area should follow Program 1. If he chooses Health as a minor area, he should follow Program a.

Program 1—Physical Education

REQUIRED: Men—Physical Education 210, 274, 292, 312 or 363, 322, 341, 345, 450, 497, and two hours selected from 270, 271, 272, 273.

Women—Physical Education 210, 290, 292, 312, 322, 333, 341, 345, 450, 497.

ELECTIVES: Men—four hours.

Women—two hours.

Program a—Physical Education

REQUIRED: Men—Physical Education 210, 292, 341, 345, 363.

Women—Physical Education 210, 292, 333, 341, 345, 290, 312.

ELECTIVES: Men—four hours selected from 270, 271, 272, 273, 274, 346, 450, 465.

Women—two hours selected from 346, 450, 465.

Program Option III

In the area of Physical Education under Option III, 12 to 14 hours are required.

Program 1—Physical Education

REQUIRED: Thirteen hours including Physical Education 210, 292, 312, 341, 345.

ELECTIVES: Two hours selected from Physical Education 333, 346, 363, 450, 465.

LANGUAGE ARTS

The Language Arts area includes Composition, Foreign Languages, Journalism, Literature, and Speech.

Program Option I

Under Option I, 40 semester hours are required with not more than 24 semester hours devoted to one field (department) in the area of concentration. Field (department) concentrations in this area are offered in Literature (Program 1), Speech (Program 2), and German (Program 3). The balance of the work carried in this area should include one of the suggested combinations found under Program a, b, c, d, or e.

Program 1—Literature

REQUIRED: Twelve hours selected from English 233, 234, 251, 252, 341, 342; English 302 and 440a or 440b.

ELECTIVES: Ten hours (at least six hours to be upper division courses).

RECOMMENDED: Program c, d, or e listed below as a supporting combination.

Program 2—Speech

REQUIRED: Speech 101, 104, 250 and six hours from 222, 256 or 270.

ELECTIVES: Nine hours.

RECOMMENDED: Program a or b as a supporting combination.

Program 3—German—16-24 hours determined by number of units earned in high school.

REQUIRED: German 101, 102, 201, 202, 301, 302, 351, 352, 401, 402.

RECOMMENDED: Program a, b, or e as a supporting combination.

Program a—Literature

REQUIRED: Twelve hours selected from English 233, 234, 251, 252, 341, 342; English 302 and 440a or 440b.

ELECTIVES: Upper division courses.

Program b—Composition and Literature

REQUIRED: Six hours selected from English 233, 251, 252, 341, 342, 384. Two hours selected from English 321, 440a, 440b. Six to eight hours selected from English 217, 218, 404, 418, or Journalism.

LANGUAGE ARTS

Program c—Composition and Speech

REQUIRED: Seven hours of Advanced Composition and Journalism and nine hours of Speech and Drama.

Program d—Speech

REQUIRED: Sixteen hours of Speech and Drama.

Program e—Foreign Languages

REQUIRED: Sixteen hours of French, German or Latin.

Program Option II

The program under Option II permits concentration in two broad areas with 24 to 28 hours in one area and 12 to 16 hours in a different major area. In the area of the Language Arts the major area may include any one of the combinations outlined under Programs 1, 2, and 3. The minor area may include one of the suggested combinations listed under Programs a and b.

Program 1—Emphasis on Literature

REQUIRED: Twelve hours selected from English 233, 234, 251, 252, 341, 342; and two hours from English 321, 440a or 440b.

ELECTIVES: Four to six hours of upper division electives in Literature or six hours from English 217, 218, 404, 418 or Journalism. Balance of the work to be taken in the field of Speech.

Program 2—German (Possible only for a student offering two years of high school German).

REQUIRED: Sixteen hours in the same sequence as under Option I.

ELECTIVES: Nine hours selected from English 233, 251, 252, 341, 342, 383 or 384; or six hours from the above group, plus four hours from English 217, 218, 302, 404, 418, 302, 404, 418, or Journalism. Students electing this program are urged to add English 321, 440a, 440b to the required courses.

Program 3—Speech

REQUIRED: Fifteen to eighteen hours.

ELECTIVES: Same as the electives under Program 2.

Program a—Literature or Literature and Composition

REQUIRED: Nine hours selected from English 233, 251, 252, 341, 342, 383 or 384; or six hours from the above group, plus four hours from English 217, 218, 404, 418, 302, or Journalism. Students are urged to add English 321, 440a, 440b to the required courses. Balance of the work to be taken in Speech.

Program b—Speech and Literature

REQUIRED: Speech 101, 104, and 250.

ELECTIVES: Six hours selected from English 233, 251, 252, 341, 342, 383 or 384; or six hours from English 217, 218, 302, 404, 418, or Journalism.

Program Option III

In the area of Language Arts under Option III, 12 to 16 hours are required in one of the following programs:

Program 1—Literature or Composition and Literature

Same as Program a, Option II.

Program 2—Speech and Literature or Composition

Same as Program b, Option II.

Program 3—Literature-Speech Combination

REQUIRED: Six hours selected from English 233, 251, 252, 341, 342, 383 or 384, and six hours from Speech.

SCIENCES AND MATHEMATICS

The area of Science and Mathematics includes Biology, Chemistry, Physics, and Mathematics.

Program Option I

Under Option I, 40 semester hours required with not more than 24 semester hours devoted to one field (department) in the area of concentration. Field (department) concentrations in this area are offered in Biology (Program 1), Chemistry (Program 2), Mathematics (Program 3), and Physics (Program 4).

Program 1—Biology

REQUIRED: Biology 131, 132 and 101, 102 or 141, 142.

ELECTIVES: Eight hours from courses above 200.

RECOMMENDED: Chemistry 105, 106 or 107, 108 and Physics 261, 262 or General Science 122.

Program 2—Chemistry

REQUIRED: Chemistry 105, 106 or 107, 108, and 201, 202, 321, 322.

RECOMMENDED: Physics 261, 262; Mathematics 112, 131 or 161; and General Science 121.

Program 3—Mathematics

REQUIRED: Mathematics 101, 106; 161, 162 (or 112, 131, 154); 251, 252.

RECOMMENDED: Physics 261, 262; Chemistry 105, 106 or 107, 108; General Science 121.

Program 4—Physics

PREREQUISITES: Higher algebra, solid geometry and one year of high school chemistry.

REQUIRED: Physics 261, 262 and 311; Mathematics 161, 162 and 251, 252; General Science 121.

ELECTIVES: Upper division courses in physics, General Science S136.

SCIENCES AND MATHEMATICS

Program Option II

Under Option II, 24 to 28 semester hours are required in one broad area, and 12 to 16 hours in a different area. Concentrations in the broad area are offered in General Science (Program 1), Biology (Program 2), Chemistry (Program 3), Physics (Program 4), Mathematics (Program 5).

The minor area of emphasis should include one of the combinations a, b, c, or d.

Program 1a—General Science

PREREQUISITE: Mathematics 101.

REQUIRED: Biology 131, 132, and 141 or 142; Chemistry 105, 106 or 107, 108; Physics 261, 262.

Program 1b—General Science

REQUIRED: General Science 121; Chemistry 105, 106, or 107, 108; Physics 261, 262; and Mathematics 101, 106 and/or 161.

Program 2—Biology

REQUIRED: Biology 131, 132 and 141 or 142; Chemistry 105, 106 or 107, 108.

ELECTIVES: Four hours upper division Biology courses.

RECOMMENDED: Physics 261 or General Science 122.

Program 3—Chemistry

PREREQUISITE: Mathematics 101, General Science 121.

REQUIRED: Chemistry 105, 106, or 107, 108, 200, 321.

ELECTIVES: One course chosen from Mathematics 161, Chemistry 202 and Physics 261.

Program 4—Physics

PREREQUISITE: Higher algebra, solid geometry and (preferably) one year of high school chemistry.

REQUIRED: Physics 261, 262, 311; Mathematics 161, 162 or equivalent.

Program 5—Mathematics

PREREQUISITE: Higher algebra, solid geometry and (preferably) one year of high school chemistry.

REQUIRED: Mathematics 161, 162 or equivalent; Mathematics 251, 252; Physics 261, 262.

Program a—Biology

REQUIRED: Twelve to 16 hours chosen from Biology 131, 132, 141 or 142; and General Science 122.

Program b—Chemistry

REQUIRED: Twelve to 16 hours chosen from Chemistry 105, 106 or 107, 108; 201, 202 or 321, 322.

Program c—Mathematics

REQUIRED: Mathematics 101 and 106 (unless offered from high school) and 12 to 16 hours chosen from Mathematics 161, 162 or 112, 131, 154; 251, 252.

SOCIAL STUDIES AREA

Program d—General Science

REQUIRED: Science 121, 122 and eight hours selected from General Science courses or a year of Biology, Chemistry or Physics.

Program Option III

Program 1—General Science

Twelve to 16 hours in Science and Mathematics selected to give maximum breadth of preparation. Courses selected and total hours are subject to approval of science departments and will vary depending upon high school background of the individual student.

SOCIAL STUDIES AREA

The Social Studies area includes History, Political Science, Sociology, Economics, Geography, and Psychology.

Program Option I

Under Option I, 40 semester hours are required with not more than 24 semester hours devoted to one field (department) in the area of concentration. The field (department) concentration in this area is offered in History (Program 1).

Program 1—History

REQUIRED: History 103, 104, 203, 204, 210 plus Economics 101, Geography 101, Political Science 251, Sociology 101.

ELECTIVES: Ten hours in History, plus four hours of the Social Sciences.

Program 2—General Social Studies

REQUIRED: History 103, 104, 203, 204, 210, plus Economics 101, Geography 101, Political Science 251, Sociology 101, and Psychology or Sociology 441.

ELECTIVES: Eleven hours to be taken from not more than two of these fields—Economics, Political Science, Psychology or Sociology. A minimum of eight hours must be taken in one field.

Program Option II

Under Option II, the program permits concentration in two broad areas with 24 to 26 hours in one area and 12 to 16 hours in a different area. The student selecting Social Studies as the broader area should follow Program 1. If he chooses Social Studies as a lesser area, he should follow Program a.

Program 1

REQUIRED: History 103, 104, 203, 204, 210, Political Science 251, Sociology 101, Economics 101, Geography 101.

PROFESSIONALIZED SUBJECT MATTER

Program a

REQUIRED: Eight hours of History and six to eight hours of Political Science, Economics, or Sociology.

Program Option III

In the area of Social Studies under Option III, 12 hours are required.

Program 1—History and Political Science

REQUIRED: Twelve hours.

Program 2—Sociology and Economics

REQUIRED: Twelve hours.

Program 3

REQUIRED: Twelve hours selected from any two fields of Social Studies.

PROFESSIONALIZED SUBJECT MATTER

Program Option III

In the area of Professionalized Subject Matter under Option III, a minimum of 12 hours is required.

Art—325 (143) Art in the Elementary School

425 (142) Classroom Art Techniques

427 Classroom Art Guidance

Education—312 (138) The Teaching of Reading

315 (135) Instructional Materials

319 (141) Mathematics in the Elementary School

413 (118) Science in the Elementary School

414 (182) Social Studies in the Elementary School

416 (189) Parent-Teacher Conference

423 (S119) Functional English in the Elementary School

426 (S136) Primary Reading

429 (139) Diagnosis of Reading Problems

442 (131) Speech Problems in the Elementary School

English—321 (146) Children's Literature

421 (S146) Advanced Children's Literature

Music—340 (149) Music in the Elementary School

Physical Education—312 (134) Physical Education in the Elementary School

341 (141) Methods in Folk Games

342 (142) Problems in Teaching Rhythmics

BACHELOR OF EDUCATION OR FIFTH YEAR

The fifth year of teacher education is to follow a period of at least one year of initial teaching experience. The student must complete a minimum of eight semester hours in residence before beginning the third year of teaching. The total thirty hours must be completed before beginning the sixth year of teaching.

If the first teaching is for a part of a year only, college study taken the next summer may be applied with permission of the department.

The student may choose the institution in which he wishes to take this advanced work as follows:

1. If he chooses to work at Pacific Lutheran College or any other of the teacher education institutions in this state, that institution shall be responsible for recommending him for the Standard General Certificate upon successful completion.
2. If he wishes to undertake the fifth year in an out-of-state institution, his pre-service institution will be responsible for recommending him for the Standard General Certificate upon successful completion. The student must secure general approval of his plan from his pre-service institution in advance.

There are four provisions governing the fifth year pattern of work:

1. The fifth college year must include a minimum of thirty semester hours of which at least 50 per cent are in studies of the third, fourth and postgraduate college years.
2. No more than eight semester hours of extension and/or correspondence study may be approved as a part of the thirty semester hours in the student's fifth year program.
3. One semester of the fifth college year must be taken in residence in the recommending institution in the State of Washington or a single institution if out-of-state.
4. The student may take ten of the required thirty semester hours prior to or during the first year of teaching experience.

Following are certain procedures for the approval of fifth year programs of work:

1. The program of studies for this year of college work 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 in the recommending institution.
2. The student will need to secure approval of the recommending institution for work taken in other institutions before the work is begun.

MASTER OF ARTS

For those who choose to do their fifth year work at Pacific Lutheran College, we shall consider their desires and needs in the light of the evidence from the school system in which they had experience and from evidence of their pre-service preparation.

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

Students completing the requirements for the Standard General Certificate are eligible for the Bachelor of Education degree.

REQUIREMENTS FOR THE MASTER OF ARTS

Admission Requirements

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 be better than average in general education and superior 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 considered for 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 at Pacific Lutheran College will be required before the student can be considered for graduate status.

His acceptance to graduate status is determined by the Dean of the College and the Chairman of the Education Department.

General Requirements

1. A minimum of one year's teaching experience.
2. A minimum of 30 semester hours of work taken in residence with a grade point average of 3.0 in both the major and the minor.
3. Six semester hours of graduate work may be taken at another institution provided that approval has been given by his Graduate Committee.
4. The major must be in the department of education. Twenty to twenty-two hours, including a thesis or research as specified below, are required. Candidates must concentrate a minimum of 10 semester hours in one of the following fields: (1) Classroom Teaching (elementary or secondary), (2) Administration and Supervision, or (3) Guidance.

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

5. Minors are offered in the departments of art, biology, chemistry, economics, and business administration, English, history, music, sociology, and speech. Eight to ten hours are required for this minor. A student wishing to minor in other departments may complete the work at another institution if he has the approval of his Graduate Committee.
6. All work for the M. A. degree must be completed within five years after acceptance by the Graduate Committee.

Procedure

A student desiring to apply for admission to graduate work should indicate his intention on the appropriate form before or during the first session of his registration in graduate courses. His acceptance to graduate status is determined by the Dean of the College and the Chairman of the Education Department. His Graduate Committee, composed of the Dean of the College, the Chairman of the Education Department, the Research Problems Director, and the chairman of the department of the minor field, will supervise his graduate program after his acceptance. As an integral part of his Master's program, the student is required to show that he can do independent research. For purposes of this research he may elect to follow one of two plans, namely, complete a thesis or write two or three research papers. In either case the research must be completed and presented to the Graduate Committee for its approval four weeks before the awarding of the degree. If he follows the first plan he will register for Education 559 Thesis, for which he may elect to earn two to four credits. If he follows the second plan he will register for Education 558 Individual Research, in which case the research may all be done in his major field or partly in the major and partly in the minor. Under the latter plan he must earn a total of not less than two and not more than four credits. All research must be approved by the Research Problems Director.

Under the thesis plan the student will be required to submit two bound typewritten copies of his thesis, one for deposit in the college library and one for the major department. Under the research paper plan, the student must deposit typewritten copies of each paper with the major department.

Each candidate is required to take a comprehensive examination in the area of concentration of his major field and over his thesis and research.

Requirements for Principal's Credentials

Beginning October 1957 those preparing for a principal's credential must follow a new program of preparation.

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

*The candidate for these 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 credential at his chosen level. To receive this it is required that he have completed work for his standard general teaching certificate plus six semester hours.
3. He must complete experience and study requirements for the standard 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 M.A. degree.

BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

Students who desire to take a course in Medical Technology (laboratory technician) may complete three years of college work at Pacific Lutheran College and spend their fourth year (12 months) in a technical laboratory affiliated with this college. Upon successful completion of the course, the degree of Bachelor of Science in Medical Technology will be conferred. The graduate is eligible to take the examination given by the Registry of Medical Technologists of the American Society of Clinical Pathologists.

The Medical Technology Curriculum

Freshman Year	Hrs.	Sophomore Year	Hrs.
Biology 131, 132.....	8	Biology 161, 162.....	8
Chemistry 105, 106 or 107, 108.....	8	Chemistry 201, 202.....	8
English 101, 102.....	6	Music or Art.....	3
History 103, 104 or 203, 204.....	6	Sociology 101.....	3
Religion 101, 112.....	4	Literature.....	3
P. E. 101, 102 or 107, 108.....	2	Psychology.....	3
	<hr/>	Religion 201, 202.....	4
	34	P. E. 103, 104 or 109, 110.....	2
			<hr/>
			34
Junior Year	Hrs	Senior Year (Hospital Lab.)	Hrs.
Biology 201.....	4	Bacteriology and Parasitology.....	5
Biology Elective.....	4	Basal Metabolism.....	1
Chemistry 321, 322.....	8	Blood Grouping.....	4
Philosophy 201 or 312.....	3	Biochemistry.....	8
Social Study Elective.....	3	Hematology.....	6
Electives (Upper Division).....	10	Histologic Technique.....	4
	<hr/>	Immunology and Serology.....	2
	32	Urinalysis.....	2
			<hr/>
			32

*Details of the program are available at the College upon request.

BACHELOR OF SCIENCE IN NURSING EDUCATION

Students entering college without three semester hours of high school algebra will be required to register for Mathematics 51 during the Freshman Year.

BACHELOR OF SCIENCE IN NURSING EDUCATION

Pacific Lutheran College offers a 48-month nursing curriculum leading to a Bachelor of Science in Nursing degree. Students admitted to this program spend the full freshman year, ten weeks at summer school, and the fall semester of the sophomore year on the college campus.

Students then spend approximately two full years at Emanuel Hospital, Portland, Oregon, and at other health agencies, where they receive clinical training and experience. At the completion of two years of this experience, the students return to the college campus the second semester of their senior year, and then in turn complete their clinical education in twelve additional weeks of advanced training at Emanuel Hospital.

Nurses who are graduates of a diploma school of nursing and have completed the required clinical experience may earn a degree, Bachelor of Science in Nursing, by completing the collegiate course requirements on the campus. Each student's previous work is individually evaluated. The student with no previous academic credits may complete the required eighty-four semester hours in five semesters, whereas the candidate transferring with collegiate credits which are transferable may complete her work earlier.

Nursing Curriculum

Freshman Year	Hrs.	Sophomore Year	
College Campus		College Campus	
Biology 161, 162.....	8	Biology 201	3
Chemistry 101, 102.....	6	Religion 201 or 301	2
English 101, 102.....	6	Psychology 201 or 321	3
History 103, 104.....	6	Nursing 201	3
Psychology 101	3		
Religion 101	2		
P. E. 101, 102.....	2		
		Clinical Division	
Freshman Year Summer Session		Nursing 203	4
College Campus		Nursing 205	3
Art 101	3	Nursing 211	2
Home Economics	2	Nursing 215	2
Nursing 101	2	Nursing 221	1
Sociology 101	3	Nursing 223	3
		Nursing 224	3
		Nursing 226	3
		Religion 204	2

PROGRAMS FOR CAREERS

Junior Year		Hrs.	Senior Year	
Clinical Division			Clinical Division	
Nursing 310	.....	3	Nursing 330	..... 3
Nursing 320	.....	4	Nursing 351	..... 3
Nursing 324	.....	2	Nursing 352	..... 4
Nursing 325	.....	4		
Nursing 326	.....	2	Senior Year	
Nursing 327	.....	4	College Campus	
Nursing 331	.....	3	Nursing 401	..... 3
Nursing 332	.....	4	Nursing 402	..... 2
Nursing 341	.....	3	Philosophy 312	..... 3
Nursing 342	.....	4	Psychology 473	..... 2
Religion 211	.....	2	Sociology Elective	..... 3
			Electives	..... 8-9
			Senior Year, Summer Quarter	
			Clinical Division	
			Nursing 403	..... 2
			Nursing 420	..... 3
			Nursing 428	..... 2

PROGRAMS FOR CAREERS

Preparation for Engineering

In line with the trend to augment engineering education with a liberal arts background, Pacific Lutheran College offers, in cooperation with certain select universities, a 3-2 program of liberal arts and engineering. A student will spend three years at the College. If his work is of satisfactory grade he will, upon recommendation by the faculty, be accepted by one of the cooperating engineering schools (Oregon State College, Stanford University, or University of Denver). At the close of his first year of engineering, he will be eligible for the Bachelor of Arts degree from Pacific Lutheran College. At the completion of his second year of engineering, he will receive his degree in engineering from the affiliated college or university.

In order to qualify without deficiency for this 3-2 engineering program, entering freshmen must have had three years of high school mathematics, including higher algebra and solid geometry, and a minimum of one year of laboratory science, preferably chemistry or physics. A proficiency in the English language, both in reading and writing, is essential. Two years of modern foreign language are highly recommended. The student who can pass a proficiency examination in trigonometry upon entrance can reduce his load in the freshman year by one hour per semester. Students who have deficiencies may be accepted for this program only with the understanding that the deficiencies will be made up (preferably by summer school work) before the beginning of the sophomore year.

The program for the first two years is the same for all branches of engineering. Electives for the third year must be chosen to meet

the requirements for the particular engineering school and the branch of engineering chosen.

Suggested sequence of courses.

Freshman Year		Hrs.	Sophomore Year		Hrs.
Chemistry		8	General Engineering 151, 152.....		4
English Composition 101, 102.....		6	History		6
Fine Arts		3	Mathematics 251, 252.....		8
General Engineering 101.....		2	Physics 261, 262.....		10
Mathematics		8	Religion		4
Religion 101, 112.....		4	P. E. Activity.....		2
P. E. Activity.....		2			
		<hr/>			<hr/>
		Total		Total	34
		33			
Junior Year		Hrs.			
Econ. & Bus. Admin. 101, 102.....		6	Science Electives		12-16
English (Literature Elective).....		3	Social Science Elective:		
Philosophy 312		3	Psych. 101 or Geog. 101.....		3
Physics 342		4	Speech		2

Preparation for Law

The best law schools require at least two years of Liberal Arts as a foundation for professional study. Three or four years of Liberal Arts are regarded as excellent preparation for the study of law. In addition to the degree requirements the prospective law student is advised to include in his program at least one additional course in economics, history, philosophy, political science, psychology, sociology and speech. The student should plan his course according to the requirements of the law school in which he is interested.

Preparation for Medicine and Dentistry

Students desiring to enter the medical or dental professional fields should plan to devote not less than three years, and preferably four years, of study to secure the broad educational background indispensable to a successful professional career. The professional schools in these fields require a thorough preparation in science. They also recommend extensive study in other departments, such as the social science and humanities.

The student should acquaint himself with the detailed requirements of the professional school of his choice. The following courses will meet the minimum entrance requirements of most medical and dental schools: Biology 131, 132, 361, 364; Chemistry 105, 106, 201, 202, 321, 322; Physics 261, 262 and English 101, 102.

Preparation for Parish Education

Students desiring to enter parish work are encouraged to obtain the broad general education leading to the Bachelor of Arts degree.

Experience reveals that a parish worker is requested to perform duties in more than one field. Her responsibilities may be

PROGRAMS FOR CAREERS

centered in one or more of these major areas: the education work of the church, the directing of youth activities, church visitation, office and secretarial work, or directing the music activities of the church.

During the freshman-sophomore years students entering the parish education course are advised to complete all general requirements listed under the Bachelor of Arts Degree A. Besides the six hours in history required in the area of social studies, the student is required to include Sociology 101, 102 and Psychology 101. If the student has not had a course in typewriting in high school, she should complete the elementary course during the freshman or sophomore year.

Junior-senior requirements include the following specific courses:

EBA 142	2	Religion 225, 227, 301	7
Music 421 or 422	2	Sociology 332 or 431, and 435....	6
Philosophy 201 or 312	3	Speech 101	3
Psychology 321	3		

Strongly recommended courses include Art 325; EBA 241, 341; Education 301, 311; Music 150; Philosophy 352; P E 210; Psychology 421; Religion 331; Sociology 445.

The recommended major fields of concentration are Religion, Sociology, and Music; though majors in EBA, English, and History are also approved.

A minor field of concentration is required. This requirement may be met by work taken in any of the departments listed above or in the Department of Education.

Preparation for Social Work

In addition to completing the regular requirements for a degree in Liberal Arts, students expecting to enter the field of social work should plan for a well-rounded preparation in the social sciences and some basic work in biology. Prospective workers in church and general agencies should concentrate on courses in sociology and psychology, while those planning for government service should add a concentration in economics or political science. Students expecting to enter this field are asked to confer with the Department of Sociology in regard to their programs.

Preparation for Theology

As a broad cultural foundation for the study of theology and entrance into the Gospel ministry, a pre-theological student should complete the requirements for a Bachelor of Arts degree. Besides the general degree requirements a student is urged to supplement his program with additional courses in English, social sciences, speech and classical and modern languages. A faculty adviser will assist the student in the selection of courses necessary to meet the requirements of the theological school of his choice.

COLLEGE COSTS



It is the policy of the College to maintain the highest educational standards with a minimum of cost to its student body. The support of the three cooperating Lutheran Synods and friends who contribute toward the operation of the school enables the College to charge a lower tuition rate than would otherwise be possible.

GENERAL FEES

TUITION, per semester, 12 to 16 hours.....	\$240.00
Private lessons and laboratory fees are not included in the general tuition.	
MATRICULATION (Paid only by students entering for first time).....	5.00
GENERAL FEE, per semester, 8 hours or more.....	16.00
HEALTH SERVICE FEE, per semester.....	8.00
SAGA (annual), per year, payable first semester.....	5.00
STUDENT ARTIST SERIES, payable first semester.....	4.00

SPECIAL FEES

AUDIT, per credit hour.....	7.50
CHANGE IN REGISTRATION.....	1.00
GRADUATION AND DIPLOMA (each degree).....	10.00
EVENING AND SATURDAY CLASSES (only), per credit hour.....	15.00
No general fee. All laboratory fees will be extra.	
EXAMINATION, to remove conditions or incompletes.....	1.00
EXCESS REGISTRATION, above 16 hours, per credit hour.....	5.00
ROOM AND KEY DEPOSIT, dormitory room (refunded upon withdrawal).....	10.00
LATE REGISTRATION, \$1.00 per day, maximum.....	3.00
MASTER'S DEGREE RESEARCH, not to exceed.....	35.00
MASTER'S THESIS TYPING CHARGE, 25c per page, not to exceed.....	45.00
MASTER'S THESIS BINDING CHARGE.....	5.00
PLACEMENT.....	5.00
SPECIAL STUDENT, per credit hour.....	20.00
This charge does not include private lessons or the General Fee which will be prorated.	
TRANSCRIPT, first copy free, each additional copy.....	1.00

CLASS, LABORATORY, MUSIC FEES

CLASS AND LABORATORY FEES

ART (all courses)	3.00
BIOLOGY (all laboratory courses except 274).....	5.00
BIOLOGY 274	7.50
CHEMISTRY (all laboratory courses).....	5.00
ECONOMICS AND BUSINESS ADMINISTRATION 141, 142, 354.....	10.00
EDUCATION 315	2.50
EDUCATION 463, a,b,c,d Student Teacher's Service.....	12.00
GEOLOGY 101, 102	5.00
INDUSTRIAL ARTS 110	1.50
INDUSTRIAL ARTS 250, 275, 252	3.00
INDUSTRIAL ARTS 261, 262, 270, 491, 492.....	5.00
MUSIC 140	5.00
PHYSICAL EDUCATION ACTIVITIES, towel fee per semester 1, 2, 3, 4.....	1.50
PHYSICS (all laboratory courses).....	5.00
PSYCHOLOGY 353	2.00
SCIENCE 121, 122	3.00
SPEECH 270, 370	3.00

PRIVATE MUSIC FEES

CHOIR GOWN RENT, per year, payable first semester in attendance	2.00
BAND UNIFORM RENT, per year, payable first semester in attendance	2.00
CASAVANT ORGAN RENT, one period daily, per semester.....	20.00
ORGAN RENT, one period daily, per semester (electric).....	10.00
ORGAN RENT, two periods daily, per semester (electric).....	15.00
PIANO RENT, one period daily, per semester.....	5.00
PIANO RENT, two periods daily, per semester.....	7.50
PRIVATE INSTRUCTIONS, per lesson (semester schedule).....	2.50
Organ, orchestral instruments, piano, or voice. One thirty-minute period per week.	

MEMBERSHIP FEES FOR MUSIC ORGANIZATIONS

CHOIR OF THE WEST.....	5.00
COLLEGE CHORUS	3.00
COLLEGE CONCERT BAND.....	3.00
COLLEGE CONCERT ORCHESTRA.....	3.00
COLLEGE MADRIGAL SINGERS.....	3.00

BOARD AND ROOM, ESTIMATED FEES

BOARD AND ROOM

Board is furnished in the College Dining Hall at \$170 per semester for students rooming off campus, for three meals per day, except on Sunday when the evening meal is not provided. Meals are not served in the College Dining Hall during Thanksgiving, Christmas and Easter vacations.

Room and board are furnished to resident students, per semester, as follows:

Women

South Hall, capacity 129	\$260.00
North Hall, capacity 133	260.00
West Hall, capacity 151	260.00

Men

Old Main, capacity 235	\$260.00
Ivy Hall, capacity 36	230.00
Clover Creek Hall, capacity 24	230.00
Clover Creek Village, capacity 41	230.00
Adelphon Hall, capacity 12	230.00
Stuen Hall, capacity 16	250.00

Family Apartments

Two bedroom (16 units) inc. water, per month	\$ 35.00
Three bedroom (8 units) inc. water, per month	40.00

No room refund is given after the first week unless the room is sublet by the student upon approval of the Dean of Men or Dean of Women. One month advance rent for apartments is required.

No refund of the boarding charges will be made except in case of absence extending beyond one week (not including the first week, nor any college sponsored trips of any kind, such as, Choir, Chorus, Band, Orchestra, Athletics, etc.), or necessary withdrawal from the College, when a fair rebate will be allowed.

ESTIMATED FEES PER SEMESTER

The following table will aid the student in estimating the minimum and maximum expenses, respectively:

Tuition	\$240.00	\$240.00
Board and Room	230.00	260.00
General Fee	16.00	16.00
Other Required Fees	17.50	22.50
Books and Supplies	20.00	40.00
	\$523.50	\$578.50

Add spending money and multiply by two to obtain estimated cost for one school year of nine months.

COLLEGE COSTS

PAYMENTS AND ADJUSTMENTS

Semester expenses are payable one-third at the time of registration, one-third at the beginning of the seventh week, and one-third at the beginning of the thirteenth week of each semester.

When deferred payments are requested, the student must present to the administration a definite schedule of installments. An interest-bearing note will be required for unpaid charges. All notes given at registration time must be paid within the semester in which they are issued and require acceptable endorsers. A carrying charge of \$5.00 will be added to first and second semester's accounts not paid by Nov. 20, and April 20, respectively. In no case may a student be admitted to semester final examinations until all obligations to the College have been met in full previous to the date on which such examinations begin.

REGISTRATION IS NOT COMPLETED UNTIL ALL FINANCIAL OBLIGATIONS HAVE BEEN MET IN THE BUSINESS OFFICE.

The College reserves the right to withhold statement of honorable dismissal, transcript of record, or diploma, until all college bills have been paid, or until satisfactory arrangements have been made with the Business Office.

Credit for future services to be rendered by the student can in no case be used to meet the initial payment. Money due a student from loans or scholarships, or for work performed for pay must be applied on the student's bill and is not given in cash.

Refund of tuition charges may be made when withdrawal from the College is caused by sickness or causes entirely beyond the control of the student. In no case will special fees be refunded.

Refund may be made in the following proportions:

One week or less	80%
Between one and two weeks.....	80%
Between two and three weeks.....	60%
Between three and four weeks.....	40%
Between four and five weeks.....	20%

No refund after five weeks.

DEPOSITORY FOR STUDENTS

Students desiring to leave cash in the Business Office may do so. This cash may be drawn out at the request of the student.

INSURANCE

The College carries no insurance covering the personal effects of the students or the faculty members. The College cannot be held accountable for any losses.

COLLEGE RESERVATIONS

The College reserves the right to change its charges at any time without previous notice. However, after the beginning of any given semester no change will be made to be effective within the semester, except in case of extreme emergency.

SCHOLARSHIPS

To aid worthy students who have attained scholastic achievement, the College has enlarged its scholarship program. A number of \$400 and \$200 scholarships are available. These are payable at the rate of \$100 and \$50 per school year, applicable the second semester. To be eligible for consideration, a high school student must have at least a B average and rank in the upper 10 per cent of his class.

Awards to students with outstanding records in such fields as music, speech, athletics, and journalism are also available. The value of these awards is the same as that of the scholarships, and the awards are payable at the rate of \$100 and \$50 per school year, applicable the second semester.

All students selected for these honors must be recommended by the high school principal and/or an appropriate faculty scholarship committee.

Applications for all scholarships should be filed with the Dean of the College on official blanks furnished by the College. It is expected that these scholarships be accepted within a reasonable time after being offered by the College. No student may receive the benefit of more than one College scholarship at the same time.

Pastors and children of pastors are to be given scholarships in the amount of \$100 for each school year. These scholarships are to be granted only during the second semester in attendance and only if such students receive the main support of their college expenses from their parents, and providing that the students are registered for at least twelve hours during the school year.

Recognized dependents (not including married children) of faculty staff members are granted special scholarships, the amount to be announced at the time of registration.

Scholarships in the amount of \$25 per semester shall be given to each of two or more students from the same family attending school at the same time, provided that the main support is given by their parents.

LEAF Scholarships. The Conditional Aid Fund of the Evangelical Lutheran Church Educational Aid Fund grants scholarships to students, providing no other form of scholarship or grant-in-aid has been given by the College.

The Augustana Lutheran Church, California Conference, has provided five \$100 scholarships to be given to students from the Conference each year, the grants to be contingent upon need, scholarship, and character.

STUDENT LOAN FUNDS

The Board of Social Action of the American Lutheran Church annually offers a \$300 scholarship for a senior year A.L.C. student at Pacific Lutheran College who is enrolled in the social service curriculum. The scholarship is awarded at the end of the junior year, selection being made by the administrative officers of the College.

The Brotherhood of the Augustana Lutheran Church awards one scholarship each year on a four-year basis, payable at the rate of \$125 per year and granted only to a bona fide member of an Augustana Lutheran Church congregation.

The Ida A. Davis Fund, established in 1949, provides income for scholarships to worthy students.

The Evangelical Lutheran Church, through its Board of Education, annually gives a scholarship to a senior who enrolls at Luther Seminary, St. Paul, Minnesota.

The Olaf Halvorson Scholarship is awarded to encourage the study of Norwegian culture and is offered as an inducement to worthy students in the department of Norwegian.

The Ladies of Kiwanis Award provides for an annual \$75 scholarship to a College junior girl.

The Lutheran Brotherhood Legal Reserve Life Insurance Company grants two annual scholarships of \$300 to high ranking students to be used during their senior year. The selection is made by the administrative officers of the College.

The Tacoma Kiwanis Club annually gives a \$300 scholarship to a Tacoma high school graduating senior chosen by the high school administration. This scholarship to Pacific Lutheran College is rotated every year between Lincoln and Stadium High Schools.

The Tacoma Rotary Club annually gives three \$100 scholarships, the recipients to be selected by the College.

The Women of Rotary Scholarship provides for a \$75 scholarship to a College junior girl.

STUDENT LOAN FUNDS

The college administration is enabled to help students who are in need of financial assistance through the various student loan funds. Unless otherwise stated, the loan funds are administered by the President of the College.

The American Lutheran Church Student Loan Foundation provides opportunity for College and Seminary students of good Christian character and ability who need financial help to complete their education.

STUDENT EMPLOYMENT

The Anton Anderson Loan Fund was presented to the College to be used for needy students. The fund is administered by the Business Office of the College.

The John S. Baker Loan Fund in the amount of \$10,000 was established in 1950. This money is lent to needy and worthy students at a nominal rate of interest.

Delta Kappa Gamma, a women's honorary teacher organization, has established a Student Loan Fund to give financial aid to worthy junior and senior girls in the field of education.

The Lily C. Ekern Fund is used as an aid to outstanding students needing financial assistance.

The Leona M. Hickman Student Loan Fund, established in 1936, provides assistance to men students resident in King County on the basis of need, character, scholastic record, and ability for self-help. The amount available is in excess of \$100,000. All loans bear interest at 5% and must be approved by the Hickman Student Loan Fund Committee. Further information may be obtained from the Trust Department of the Peoples National Bank of Washington, 1414 Fourth Avenue, Seattle, Washington.

The Marie Huth Loan Fund was established during the school year of 1951-52. This money is to be lent to needy and worthy students at a nominal rate of interest and thus be of perpetual assistance to those who will come under the provisions of this gift.

The J. P. Pflueger Student Loan Fund was established during the school year 1952-53 in memory of the late Myrtle Pflueger and in honor of Dr. Pflueger, Professor at the College since 1930.

The O. J. Stuen Alumni Loan Fund, established in memory of Professor O. J. Stuen in 1953, is administered by the Alumni Association in conjunction with the President of the College.

The O. A. Tingelstad Loan Fund was established in memory of Dr. O. A. Tingelstad in 1953 by the Board of Trustees of the College.

The Women's Missionary Federation of the Evangelical Lutheran Church, in 1950, gave \$1,500 as a loan fund to the College. It is directed that the principal shall be loaned to needy and worthy juniors and seniors.

STUDENT EMPLOYMENT

The College aims to assist worthy and needy students by helping them to find work. Applications for work should be made to either the Dean of Men or Dean of Women after the student has been accepted for admission. Students who will need work should apply early in the summer because the number of jobs available is limited.

COURSES OF INSTRUCTION



The descriptive summaries that follow are designed to constitute both a record of the courses actually given in 1956-57 and an announcement of what will be offered in 1957-58. The teachers are listed by departments in accordance with the division of the teaching load in 1956-57 and the courses actually given during the year have the names of the respective instructors added.

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 or above and are regarded as upper division subjects. Courses numbered 500 are open to graduate students only.

The student should have his entire program made up of subjects in the division in which he classifies. In exceptional cases sophomore students may be assigned to an upper division course if the prerequisites for the course have been met.

Courses with odd numbers are usually offered the first semester and courses with even numbers are usually offered the second semester.

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

ART

Mr. Roskos, Mr. Kittleson, Mr. Weiss

The aim of this department is to offer instruction and guidance to those who desire to give expression to their creative ability in the actual practice of art, to those who wish to study art for its cultural value, to those who prepare to teach in elementary, junior or senior high school.

Requirements for a major in art are 27 credit hours including Art 111, 112, 210, 215, 219, 311, 312, 315, 411, 412 and electives to complete requirements.

Requirements for a minor are 15 credit hours including Art 111, 112, 411, 412 and electives to complete requirements.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Art, should follow the course outline as listed in the section on Requirements for Degrees.

101. INTRODUCTION TO FINE ARTS

Either semester. Three hours

Principles of aesthetics; the understanding and appreciation of beauty as it appears in the various arts. Mr. Weiss

111. FUNDAMENTALS OF ART

Either semester. Three hours

This is a course giving the basic fundamentals of art, including a thorough study of proportion, values, composition, perspective, and color theory, which are necessary for creative expression. Media are pencil, charcoal, water colors, and pastel. Six hours laboratory per week. Mr. Kittleson

112. DRAWING AND PAINTING

Two hours

Prerequisite: Art 111. Four hours laboratory per week. Mr. Roskos

210. CREATIVE DESIGN

Two hours

Attention is concentrated on the principles of design which are developed through the study of line, mass, color, and space relationships. The work is planned so as to develop appreciation and to stimulate originality in the actual creation of good design. Four hours laboratory per week. Mr. Roskos

215. CLAY MODELING

Two hours

This is a course in the various methods of modeling in clay. Application of these methods is made to pottery and small figures. Individual instruction is given in plaster casting. Four hours laboratory per week. Mr. Roskos

219. POSTER DESIGN

Two hours

Principles of lettering and letter construction with a brief history of the alphabet. This is followed by the planning of the layout and painting of posters. Four hours of laboratory per week. Mr. Roskos

ART

- 311, 312. OIL PAINTING Two hours per semester
Pictorial arrangements of still-life, figure, and landscape work rendered in oils. Emphasis placed on composition, values, color, and brush technique. Prerequisite: Art 111, 112. Four hours laboratory per week.
Mr. Roskos
315. SCULPTURE Two hours
This course is concerned with sculptural form in plaster and concentrated study in mass and space relationships. Prerequisite: Art 215.
Mr. Roskos
325. ART IN THE ELEMENTARY SCHOOL Two hours
A course planned for those who intend to teach art in the elementary grades. Appropriate projects in drawing, design and construction are worked in various media to illustrate the types of work which are suitable to the interests and abilities of these pupils. Prerequisite: Preferably Art 111. Four hours of combined lecture and laboratory.
Mr. Kittleson
- 411, 412. HISTORY AND APPRECIATION OF ART Three hours per semester
The course is planned to increase the student's appreciation of works of art. In the first semester a general survey is made of architecture, sculpture, and painting from the pre-classical arts through the arts of the Renaissance. In the second semester a similar survey is made from the Renaissance through the twentieth century.
Mr. Kittleson
414. AESTHETICS Three hours
See Philosophy 414.
415. SPECIAL PROBLEMS Two to four hours
A course planned for advanced students majoring in art who wish to secure greater proficiency in any particular field in which the student feels more training is needed.
Mr. Roskos
425. CLASSROOM ART TECHNIQUES Two hours
All media common to the classroom are studied for full use manipulation and techniques. Also media not so common to the classroom are studied. Four hours laboratory per week. Formerly listed as Elementary School Art Workshop.
427. CLASSROOM ART GUIDANCE Two hours
This course is designed to meet the expressed needs of the classroom teacher (all levels) in giving children the assistance and encouragement needed for regular development.
- 440a. ART IN THE SECONDARY SCHOOL Two hours
A course planned for those who intend to teach in the secondary grades. Planned similarly to Art 325. Four hours combined lecture and laboratory per week. Prerequisite: Art 111 or consent of instructor.

BIOLOGY

Mr. Strunk, Miss Ford, Mr. Leraas, Mr. Nothstein, Mr. Ostenson

The work in this department is designed to (a) give to the student a broad knowledge and cultural appreciation of the world of living things; (b) provide a sound training for teachers who enter the biological sciences; (c) establish a biological foundation for practical work in fields such as agriculture, forestry, fish and wildlife, bacteriology, entomology and other related fields; (d) lay an adequate foundation for students who desire to enter the fields of medicine, dentistry, veterinary medicine, medical and hospital technology, nursing, health education; (e) prepare students for graduate and research fields in the biological sciences.

A major consists of a minimum of 24 hours, at least 12 hours of which shall be in the upper division courses (numbers 300 or above). Biology 471 must be included in the major. Beginning with the school year 1957-58, required supporting subjects for the major are: one year of Chemistry; Mathematics 101, 112 or 131. Chemistry 321 and 322 and Physics 261 and 262 are strongly recommended.

A minor consists of a minimum of 15 hours.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Biology, should follow the course outline as listed in the section on Requirements for Degrees.

- | | |
|--|--------------------------|
| 101, 102. GENERAL BIOLOGY | Four hours per semester |
| A general consideration of the most important principles and facts of the science of living things. Two lectures and two laboratory periods per week | |
| | Miss Ford |
| 131, 132. COLLEGE ZOOLOGY | Four hours per semester |
| A survey of the animal kingdom, and of fundamental biological principles. Two lectures and two laboratory periods per week. | |
| | Mr. Strunk |
| 141, 142. COLLEGE BOTANY | Fours hours per semester |
| A survey of the plant kingdom, structure first semester, life history second semester. Two lectures and two laboratory periods per week. | |
| | Miss Ford |
| 154. THE FLOWERING PLANTS | Two hours |
| Field studies of the flowering plants of the region. Not to be counted toward a major or minor in Biology. | |
| 161, 162. HUMAN ANATOMY AND PHYSIOLOGY | Four hours per semester |
| A study of the structure and the functions of the human body. The course is designed to meet the needs of pre-nursing students and majors in Physical Education. Two lectures and two laboratory periods per week. | |
| | Mr. Nothstein |

BIOLOGY

201. MICROBIOLOGY Four hours
Bacteria, yeasts, molds, viruses, and other microorganisms, their characteristics and their role in the home, medicine, agriculture and industry. Two lectures and two laboratory periods per week. May be taken for upper division credit by juniors or seniors with instructor's consent. Prerequisite: 132, 142 or 161. Miss Ford
221. BIOLOGICAL TECHNIQUES Two hours
Methods of collecting and preserving biological materials for classroom and research study. May be taken for upper division credit by juniors and seniors with instructor's consent. Prerequisite: 132 or 142.
222. CONSERVATION OF NATURAL RESOURCES Two hours
The conservation of natural resources of the United States. Two lectures per week. Mr. Ostenson
231. GENETICS Three hours
A study of the laws of inheritance and special application to man. May be taken for upper division credit with consent of instructor. Formerly listed as Heredity. Prerequisite: Science (121) or Biology 102, 132 or 142. Miss Ford
232. GENETICS LABORATORY Two hours
Methods of analysis and interpretation of genetical findings. Two laboratory periods per week. May be taken for upper division credit with consent of instructor. Prerequisite: Biology 231.
235. BIOLOGY OF THE SEASHORE Four hours
A course especially designed for teachers. Not to be counted toward a major or minor.
242. SYSTEMATIC BOTANY Three hours
The identification and classification of the seed plants represented in the local flora. May be taken for upper division credit by juniors and seniors with instructor's consent. One lecture and two laboratory periods per week. Prerequisite: Biology 142.
272. GENERAL ENTOMOLOGY Four hours
The classification, natural history, economic importance and control of insects. Two lecture and two laboratory periods per week. Prerequisite: Biology 132.
274. MICROTECHNIQUE Two hours
Principles and practice in methods of preparing histological, embryological and cytological specimens for microscopic study. May be taken for upper division credit with consent of instructor. Prerequisite: 102, 132, or 162.
311. ORNITHOLOGY Two hours
A study of the birds, with emphasis on local forms. Designed for students with a hobby interest in birds as well as for advanced students in biology. Prerequisite: Biology 102 or 132. Mr. Ostensen
323. NATURAL HISTORY OF INVERTEBRATES Four hours
The classification, anatomy, natural history and importance to man of the invertebrates. Lectures, laboratory studies and field collections. Prerequisite: Biology 102 or 132. Mr. Ostenson

324. NATURAL HISTORY OF INVERTEBRATES Four hours
 Classification, natural history and economic importance of the vertebrates with the exception of birds. Lectures, laboratory studies and field collections. Prerequisite: Biology 102 or 132, 361 recommended.
 Mr. Ostenson
344. PLANT PHYSIOLOGY Three hours
 A study of the plant's internal mechanism. One lecture and two laboratory periods per week. Prerequisite: Biology 142
- S351, 352. NATURAL HISTORY OF THE PACIFIC NORTHWEST
 Three hours per semester
 An extensive field and laboratory course covering major phases of the natural history of the region. Lectures, laboratory studies and field work. Not to be counted toward a major or minor in Biology. Prerequisite: Instructor's consent.
361. COMPARATIVE ANATOMY Four hours
 A comparative study of vertebrates with dissection of representative forms. Two lecture and two laboratory periods per week. Prerequisite: Biology 102 or 132.
364. VERTEBRATE EMBRYOLOGY Four hours
 A study of the development of vertebrates. Two lectures and two laboratory periods per week. Prerequisite: Biology 132, 361 recommended.
 Mr. Leraas
411. HISTOLOGY Four hours
 A microscopic study of the tissues and organs of vertebrates. Two lecture and two laboratory periods per week. Prerequisite: Biology 132 and 361 or 364.
 Mr. Leraas
424. ECOLOGY Three hours
 A study of plants and animals in relation to their environment. Two lectures and one laboratory period per week. Prerequisite: Biology 132 and 142.
432. COMPARATIVE PSYCHOLOGY Three hours
 A course devoted to the neurological basis of animal reactions with emphasis on the mechanics of adjustment to heat, light, chemical and mechanical stimulation. Prerequisite: Instructor's consent.
441. GENERAL PHYSIOLOGY Four hours
 A course designed to acquaint the student with the fundamental principles of physiology. Prerequisite: Instructor's consent.
471. HISTORY OF BIOLOGY Two hours
 Rise and development of zoological theories and laws. Required of all Biology majors. Prerequisite: 132 or 142 or instructor's consent.
- 481, 482. SEMINAR One hour
 Student and staff presentation and discussion of selected topics in biology on the basis of literature and/or original research. Freshmen and sophomores are invited to attend.
- 497, 498. INDEPENDENT STUDY One to two hours per semester
 Investigations in fields of special interest may be carried out by those students majoring in Biology who have demonstrated their ability to do independent work. Open to majors only. Prerequisite: Consent of the department head.
510. GRADUATE SEMINAR One to three hours

CHEMISTRY

CHEMISTRY

Mr. Ramstad, Mr. Olsen

A major requires 24 hours. In addition, a year of physics, college algebra and trigonometry are required of all students majoring in chemistry. A year of biology is also recommended.

A minor requires 16 hours.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Chemistry, should follow the course outline as listed under Teacher Education in the section on Requirements for Degrees.

101. GENERAL AND INORGANIC CHEMISTRY Three hours
Open to non-majors. Two lectures and one laboratory period per week. Mr. Ramstad

102. ORGANIC AND BIOCHEMISTRY Three hours
Open to non-majors. Two lectures and one laboratory period per week. Mr. Ramstad

105, 106. GENERAL INORGANIC CHEMISTRY Four hours per semester
The fundamental chemical theories; the chemistry of the non-metallic and metallic elements. Two lectures, one quiz, and two laboratory periods per week. Open only to students who have not had high school chemistry. Mr. Olsen

107, 108. GENERAL INORGANIC CHEMISTRY Four hours per semester
The fundamental chemical theories; the chemistry of the non-metallic and metallic elements. Two lectures, one quiz, and two laboratory periods per week. Open to students who have had chemistry in high school. Mr. Ramstad

201. QUALITATIVE ANALYSIS Four hours
Two lectures and two laboratory periods per week. Prerequisite: Chemistry 105, 106 or 107, 108. Mr. Olsen

202. QUANTITATIVE ANALYSIS Four hours
Volumetric and gravimetric methods. Two lecture and two laboratory periods per week. Prerequisite: Chemistry 201. Mr. Olsen

321, 322. ORGANIC CHEMISTRY Four hours per semester
A general study of the carbon compounds, both the aliphatic and the aromatic. Three lectures and one three-hour laboratory period per week. Prerequisite: Chemistry 106 or 108. Mr. Ramstad

ECONOMICS AND BUSINESS ADMINISTRATION

- 431, 432. PHYSICAL CHEMISTRY Four hours per semester
A study of fundamental theory of chemical reaction and measurement of physical properties of chemical agents. Two lecture and two laboratory periods per week. Prerequisite: Chemistry 202 and Math 131 or equivalent. Mr. Olsen
- 441, 442. BIO-CHEMISTRY Two hours per semester
Basic principles of biochemistry, including the structure and metabolism of biologically important compounds. Prerequisite: Chemistry 121, 122. Mr. Ramstad
- 497, 498. INDEPENDENT STUDY One or two hours per semester
Open to students majoring in chemistry. Arrangements to be made by the department. Mr. Ramstad, Mr. Olsen
505. INORGANIC PREPARATIONS One to three hours
A study of small scale production of inorganic compounds.
506. ADVANCED INORGANIC Four hours
A detailed study of the Periodic Table and of the rare earth elements
512. ORGANIC PREPARATIONS One to three hours
An advanced study in applications of organic syntheses.
520. HISTORY OF CHEMISTRY Two hours

ECONOMICS AND BUSINESS ADMINISTRATION

Mr. Axford, Mr. Stampolis, Miss Berge, Mr. Dizmang, Mr. Faulk,
Miss Moore

The aim of the department is to provide a broad general training in basic business subjects in the Christian Liberal tradition and some opportunity for specialization to the extent required to start a career in business immediately upon graduation. At least one area of interest as listed below should be tentatively identified in the sophomore year so that proper sequence of courses may be arranged.

The courses offered in each special area of interest are as follows.

Accounting: 211, 212, 311, 312, 313, 314, 315.

Economics: 101, 102, 201, 301, 302, 303, 304, 331, 401, 402; 432, S434.

Finance: 162, 261, 361, 362, 363; 365, 366.

Industrial Relations: 321, 322, 421, 422.

Marketing: 272, 273, 371, 372, 373, 374.

Secretarial Science: 141, 142, 143, 144, 241, 243, 244, 341, 354.

ECONOMICS AND BUSINESS ADMINISTRATION

Major: A minimum of 30 credit hours, including 101, 102, 211, 212, and 452 and six semester hours from the following 361, 441, 391, 392. The requirements should be taken as follows: Freshman, 101 and 102; Sophomore, 211 and 212; Junior, 361, 441, 391, 392; and Senior 452. Majors may be exempt from the foreign language requirement.

Minor: A minimum of 15 credit hours including 101 and 211.

- 101, 102. PRINCIPLES OF ECONOMICS Three hours per semester
National income, employment, and prices; economic growth, markets and the price system, theory of the firm, structure of industry, distribution of income, the public economy, cycles, the international economy. Mr. Axford
140. BUSINESS MATHEMATICS Two hours
Review of arithmetic processes, decimals, percentages; interest and discount, trade discounts, markups. Not to be counted toward major or minor. Mr. Running
141. BEGINNING TYPEWRITING Two hours
Touch typewriting, skill and speed building exercises, letter writing, reports, manuscripts; for those who have never had typewriting before and who do not know the keyboard. Five hours of classwork per week Miss Berge
142. ADVANCED TYPEWRITING Two hours
Review of fundamentals, development of speed and accuracy; production work in business forms, reports, and manuscripts; typing speed of 60 required by end of course. Four hours of classwork per week. Prerequisite: BA 141 or equivalent high school typewriting. Miss Berge, Miss Moore
143. BEGINNING SHORTHAND Three hours
Gregg shorthand, emphasis on reading, writing, dictation and beginning transcription; no credit for one semester—must be followed by BA 144. Five hours of classwork per week. Miss Berge
144. INTERMEDIATE SHORTHAND Three hours
Intensive review of fundamentals, emphasis on speed in reading and copying, writing speed required at end of course, from 100 to 120. Five hours of classwork per week. Prerequisite: BA 143 or equivalent. Miss Moore
162. BUSINESS FINANCE Three hours
Dividend policy, expansion of the firm, failure and reorganization, instruments of finance, bonds and stocks, investment banking, promotion, short and long term financing. Mr. Axford
201. INTERMEDIATE ECONOMIC ANALYSIS Three hours
National income accounts, monetary theory, income theory, price theory, distribution of income, Keynesian analysis. Prerequisite: BA 102.

ECONOMICS AND BUSINESS ADMINISTRATION

- 211, 212. **ELEMENTARY ACCOUNTING** Three hours per semester
 Balance sheet, income statement, the accounting cycle, accrued and deferred items, asset valuation, corporation accounting, manufacturing accounts, analysis of financial statements. Mr. Dizmang
241. **BUSINESS COMMUNICATION** Three hours
 Letters of application, letters of inquiry, orders, follow-up, credits and collections, devices, reports, publications, rules and instructions, minutes of meetings. Prerequisite: BA 141 or equivalent. Miss Berge
243. **ADVANCED SHORTHAND** Three hours
 Continuation of intermediate shorthand, study cycle emphasizes spelling, style, vocabulary building, speed drills, phrasing, sustained speed building and transcription speed building. Four hours of classwork per week. Miss Berge
244. **DICTATION** Three hours
 A terminal course for graduating seniors; stress is placed on a high competence in dictation and transcription, designed to meet high secretarial employment standards. Four hours of classwork per week. Miss Moore
261. **INVESTMENTS** Two hours
 Place of investment in economy, financial information, stock markets and brokers, financial analysis, risks of investment, investment policies and management, investment companies; a company report is required during the course.
272. **MARKETING** Three hours
 The principles, methods, and problems of marketing; marketing functions; marketing of raw materials and manufactured goods; middlemen, channels of distribution, costs, price policies, brands. Mr. Dizmang
273. **CONSUMER ECONOMICS** Two hours
 Consumption and production, consumer demand, consumer education, intelligent buying, technology of consumption, the problems of consumers.
301. **BUSINESS CYCLES AND FORECASTING** Two hours
 Business conditions, causes of the cycle, theories of the cycle, dynamics of business; phases, crises and turning points; stabilization and forecasting.
302. **ECONOMIC HISTORY OF THE UNITED STATES** Three hours
 History of American economic institutions from colonial times to the present.
303. **ECONOMIC GEOGRAPHY** Two hours
 The major industries—manufacturing, mining, retail trade, services, transportation, public utilities, finance—are considered from the point of view of the structure of the American economy.
304. **HISTORY OF ECONOMIC THOUGHT** Three hours
 Mercantilism, physiocracy, Adam Smith, classical thought, Ricardo, the optimists, nationalists, and historical schools; socialist thought, the Austrian school. Prerequisite: BA 102.

ECONOMICS AND BUSINESS ADMINISTRATION

- 311, 312. INTERMEDIATE ACCOUNTING Three hours per semester
Fundamental processes, working capital items especially inventories, non-current items with emphasis on investments and plant and equipment accounts, corporate capital, analytical processes. Prerequisite: BA 212.
313. FEDERAL TAX Two hours
Personal and corporate income tax, capital gains, social security; federal estate and gift taxes, principal emphasis on the federal income tax. Prerequisite: BA 212 Mr. Dizmang
314. AUDITING Two hours
The theory, procedures, and practices of auditing as they apply to the major balance sheet accounts; discussion and problems of generally accepted methods of verification used by CPA's. Prerequisite: BA 212. Mr. Dizmang
315. COST ACCOUNTING Three hours
Principles of cost accounting, job lot and process systems. Managerial control through cost accounting, procedures, standard costs, estimated costs, and cost accounting systems. Prerequisite: BA 212. Mr. Dizmang
321. LABOR PROBLEMS Three hours
A study of the history, nature and treatment of labor problems in the United States. Mr. Stampolis
322. RECENT LABOR LEGISLATION Two hours
A survey of recent federal and state legislation affecting the status of labor in the United States.
331. INTERNATIONAL ECONOMICS Three hours
Methods and problems of foreign trade; international agencies for economic cooperation. Mr. Stampolis
341. SECRETARIAL PROCEDURE Two hours
Fundamentals of office procedures, uses of devices, skills, business ethics, attitudes, objectives and opportunities; for students planning to become professional secretaries. Miss Moore
351. BUSINESS ORGANIZATION AND MANAGEMENT Three hours
Background of management, committees and meetings, compensation of management, function of directors, leadership and management training, organization structure, delegation, and principles of management. Mr. Axford
352. PRODUCTION MANAGEMENT Three hours
Organization structure, location, physical facilities, plant and equipment layout, time and motion study, material and production control, quality control.

ECONOMICS AND BUSINESS ADMINISTRATION

354. OFFICE MANAGEMENT Three hours
Principles of organization and supervision, physical facilities, equipment, flow of work, business forms, business machines, filing, evaluation and standards.
361. MONEY AND BANKING Three hours
Money and credit, inflation, Federal Reserve System and charts, commercial banks, monetary theory and policies, foreign exchange, consumer credit, building credit and agricultural credit. Mr. Axford
362. PUBLIC FINANCE Three hours
Federal, state, and local taxation; public expenditures—defense, social security; taxes—income, excise, property, death, gift; budgets, fiscal policies, debt management. Mr. Axford
363. MATHEMATICS OF FINANCE Two hours
Mathematical foundations of investment, annuities, probability, life insurance, amortization and sinking funds, capitalized costs.
365. REAL ESTATE Two hours
The city, land and buildings, legal forms, real estate market, appraisal, financing real estate, public interest, property development and management. Mr. Axford
366. INSURANCE Three hours
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. Mr. Faulk
371. ADVERTISING Three hours
The theory of advertising, problems involved, methods and media used; layout, typography, and copy writing; social and economic aspects.
372. RETAILING Three hours
Problems of retailing from the standpoint of different classes of retailers, study of underlying principles, buying, stock control, ethical and legal phases. Prerequisite: BA 272.
373. SALES MANAGEMENT Three hours
Principles of salesmanship, the prospect, the salesman, the product; sales demonstrations, management of sales departments, planning, quotas, control. Mr. Faulk
374. TRANSPORTATION Two hours
A general survey of rail, water, highway, air, and pipeline transportation, place in society, services, traffic associations, freight classifications and tariffs, routes, rates, regulations.
- 391, 392. BUSINESS LAW Three hours per semester
Procedures, contracts, negotiable instruments, business organizations, property, agency, trusts and wills, transportation, insurance and employment. Mr. Hanson

ECONOMICS AND BUSINESS ADMINISTRATION

401. SEMINAR IN ECONOMICS Three hours
Consideration will be given to the various aspects of economics as a social science. Principles will be reviewed and clarified. Student research will be emphasized. Prerequisite: BA 102.
402. CURRENT ECONOMIC PROBLEMS Three hours
Significant problems arising during the semester in which the course is given.
421. PERSONNEL MANAGEMENT Three hours
A survey of procedures used in obtaining and maintaining an efficient working force. Mr. Stampolis
422. COLLECTIVE BARGAINING Three hours
The principles of collective bargaining are studied through the medium of actual cases from American industry dealing with the negotiation and application of union management agreements. Mr. Stampolis
432. COMPARATIVE ECONOMIC SYSTEMS Three hours
Comparison of the organization and operation of the major contemporary types of political economies. Mr. Stampolis
434. GOVERNMENT AND BUSINESS Two hours
A study of the relationship of government and business in the United States with special attention to governmental regulation of business. Mr. Stampolis
- 440b. BUSINESS EDUCATION IN SECONDARY SCHOOL Two hours
A general methods course in the teaching of business subjects. Prerequisites: BA 142, 144, and 212.
441. STATISTICAL METHODS Three hours
Use and interpretation of elementary statistical techniques; graphic representation; measures of central tendency; dispersion, simple correlation analysis, probability judgments, and sampling theory. Mr. Eklund
452. BUSINESS POLICY Two hours
Policy formulation by business managements, requiring the over-all integration of the various aspects of business; students must be graduating seniors with a business major. Mr. Axford
497. MAJOR CONFERENCE One hour
498. MAJOR CONFERENCE Two hours
499. MAJOR CONFERENCE Three hours
Individual problems and assignments, group conferences and research reports, with special attention to the techniques of writing reports.

EDUCATION

Miss Nielsen, Mr. Carlson, Mr. Eklund, Mr. Hagen, Mr. Pederson, Miss Runbeck, Mr. Sjoding, Mr. Solberg, and assistants

This department aims: (1) to give students a thorough understanding of the educational problems facing democracy today; (2) to help form an educational philosophy built upon a knowledge of the needs of boys and girls attending schools; (3) to give practical experience through observation of instruction and teaching in the public schools; and (4) to develop a professional attitude that is conducive to conscientious work in classrooms and that will lead to a desire for continued professional growth.

For a minor in education 16 hours are required, including Education 202, 301, 311 or equivalents.

ADMISSION TO TEACHER EDUCATION

A candidate for Bachelor of Arts in Education must be approved by the department during the fourth or fifth semester of his college course. In order to receive this approval he must:

1. Have ideals and personality qualities which make for successful teaching.
2. Have a clearly defined purpose or goal.
3. Have selected an Option to be followed.
4. Have completed successfully the course in Introduction to Education. (An accumulative grade point average of 2.25 is required before registration.)
5. Have completed satisfactorily a series of screening tests including scholastic aptitude, achievement, interest, personality, English usage and mechanics, and speech and voice.
6. Have received final approval following an individual conference with representatives of the department. This conference is held after screening tests have been completed and profiles set up.

September Experience

Each student preparing for teaching must spend a minimum of two weeks in a public school prior to the opening of the college year in which he is to do his student teaching. The purpose of this September Experience is to give the student the opportunity to experience the opening and organization of a classroom at the beginning of a school year. This experience may be in his home

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town if arrangements are made with the education department to do so; however, the students themselves are responsible for making arrangements with the education department prior to their senior year.

Student Teaching

A successful experience in student teaching is vital to the student in teacher education. It is therefore recommended that the student carry only fourteen semester hours during this semester. It is also recommended that outside work or college activity be kept to a bare minimum. Students who for some reason cannot abide by these recommendations must get special permission from the education department.

202. INTRODUCTION TO EDUCATION Four hours
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. Special tests and interviews are scheduled for the guidance of the prospective teacher.
Miss Nielsen, Mr. Hagen
301. HUMAN DEVELOPMENT Three hours
A study of the developmental process of the human organism beginning with the prenatal period and continuing through adolescence. Emotional, social, intellectual, and physiological aspects of development are included. Students will have opportunity to do both longitudinal and cross-sectional type observations. Students in the teacher education program must enroll for Education 202 prior to 301.
Mr. Solberg
305. CHILD PSYCHOLOGY Three hours
See Psychology 305.
307. PUBLIC SCHOOL SYSTEM Two hours
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. Not open to students who have completed Education 202.
Mr. Hagen
- 311 a, b, and cd. METHODS AND OBSERVATION Four hours
A study of curriculum, materials and methods of teaching at the various levels from primary through high school. Observations in actual school situations followed by discussion.
Those who wish to prepare primarily for kindergarten and primary elect 311a; those for intermediate and upper grade, 311b; and those for junior and senior high school, 311cd. Prerequisite: Ed. 202 and 301. Given as a three-hour course during 1955-1956.
Miss Runbeck, Mr. Sjoding, Miss Nielsen, Mr. Pederson
312. THE TEACHING OF READING Two hours
A comprehensive survey of the problems of teaching reading in all the grades. Effective materials, methods, techniques and procedures are studied.
Miss Runbeck

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315. INSTRUCTIONAL MATERIALS Two hours
A survey of audio and visual materials and aids, their use in the curriculum, and their organization and administration in the school.
Mr. Hagen
319. MATHEMATICS IN THE ELEMENTARY SCHOOL
Either semester. Two hours
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.
Miss Nielsen
353. PSYCHOLOGICAL TESTING Two hours
See Psychology 353.
370. PRINCIPLES OF GUIDANCE Two hours
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.
Mr. Eklund
405. ADOLESCENT PSYCHOLOGY Two hours
See Psychology 405.
407. EDUCATIONAL SOCIOLOGY Two hours
See Sociology 407.
- 408, 409. READINGS IN EDUCATIONAL PROBLEMS
One to three hours
Students who desire to pursue a special line of individual reading, investigation, or research may do so for credit, receiving help and guidance from the faculty member best qualified to assist in the particular problem. Credit will vary with the amount of work done.
Staff
413. SCIENCE IN THE ELEMENTARY SCHOOL Two hours
A course designed to acquaint the student with the objectives, materials and methods of teaching the sciences in an integrated program.
Mr. Pederson
414. SOCIAL STUDIES IN THE ELEMENTARY SCHOOL Two hours
A course designed to acquaint the student with the objectives, materials and methods of teaching the social sciences in an integrated program.
416. PARENT-TEACHER CONFERENCE Two hours
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.
418. MORAL AND SPIRITUAL VALUES IN EDUCATION Two hours
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 them.

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423. FUNCTIONAL ENGLISH IN THE ELEMENTARY SCHOOL

Two hours

A course designed to give the elementary teacher, grades one through eight, an understanding of how to teach the English language in a functional manner. The following skills will be considered: usage, listening, speaking, reading, and writing.

Miss Nielsen

425. CLASSROOM ART TECHNIQUES

Two hours

See Art 425.

426. PRIMARY READING

Two hours

A study of the materials and methods of the modern reading program and its relation to other activities.

427. CLASSROOM ART GUIDANCE

Two hours

See Art 427.

428. KINDERGARTEN

Two hours

A study of the kindergarten child and his adjustment problems. Special emphasis on activities and procedures for his development.

429. DIAGNOSIS OF READING PROBLEMS

Two hours

Causes, prevention, and correction of reading disability cases emphasized. Various types of reading disability cases diagnosed in class. Members of the class will diagnose, tutor, and compile a case study of a reading problem, preferably from their own school. Prerequisite: Beginning Reading course.

433. PRINCIPLES AND TECHNIQUES IN SECONDARY EDUCATION

Four hours

Purposes, trends, current issues, and techniques in secondary education. An opportunity is provided for planning curricula on the secondary level, individually and cooperatively. Registration in this course is permitted only to those students wishing to meet special certification requirements. Not permitted for students who have had Education 311cd.

436, 437, 438, 439. SUMMER WORKSHOPS

One to three hours

Workshops in special fields held during the summer for varying periods of time.

440. SPECIFIC METHODS IN TEACHING SECONDARY SCHOOL SUBJECTS

Two hours

Studies of the curriculum, methods and materials of instruction in the various fields of the secondary school curriculum. These courses are offered by different departments of the college as indicated below and may be taken for graduate credit.

440a. ART IN THE SECONDARY SCHOOL

Two hours

See Art 440a.

440b. BUSINESS EDUCATION IN THE SECONDARY SCHOOL

Two hours

See EBA 440b.

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- 440c. ENGLISH IN THE SECONDARY SCHOOL Two hours
See English 440c.
- 440d. LITERATURE IN THE SECONDARY SCHOOL Two hours
See English 440d.
- 440e. MATHEMATICS IN THE SECONDARY SCHOOL Two hours
- 440f. MUSIC IN THE SECONDARY SCHOOL Two hours
See Music 440f.
- 440g. SCIENCE IN THE SECONDARY SCHOOL Two hours
- 440h. SOCIAL STUDIES IN THE SECONDARY SCHOOL Two hours
- 440i. SPEECH IN THE SECONDARY SCHOOL Two hours
Formerly Speech 199.
- 440j. CHEMISTRY IN THE SECONDARY SCHOOL Two hours
441. STATISTICAL METHODS Three hours
See Psychology 441.
442. SPEECH PROBLEMS IN THE ELEMENTARY SCHOOL Two hours
See Speech 442.
449. READING CENTER WORKSHOP Two hours
Clinical study of reading problems and suggested corrective measures.
To be taken concurrently with Education 469.
457. EVALUATION Two hours
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. Recommended for all fifth year students. Prerequisite: Student teaching or teaching experience.
- 461 ab, cd CURRICULUM, METHODS, AND STUDENT TEACHING Five hours
A course designed to give some knowledge, understanding and study of children, subject matter fields and materials in the student's lesser preferred teaching level plans plus student teaching on that level. The students who complete 463 a or b will enroll for 461; those who complete 463 cd will enroll for 461 ab.
Mr. Hagen, Miss Nielsen, Mr. Pederson
463. STUDENT TEACHING a, b, c, and d Nine hours
Teaching in the public schools under the direction and supervision of classroom teachers and college teachers. Those preparing primarily for kindergarten and primary elect 463a; those for intermediate and upper grades, 463b; those for junior high school, 463c; and those for senior high school, 463d. Prerequisite: Education 311.
Miss Runbeck, Mr. Sjoding, Mr. Pederson

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465. SPECIAL PROJECT One to five hours
Students who desire additional supervised laboratory experience in public school classrooms may do so with special permission of the department.
468. LABORATORY WORKSHOP Three hours
A practical course using children of elementary age in a classroom situation working out a specific problem. Provision will be made for some active participation of the college students. A conference with the instructor or the Director of Teacher Education will be required before registration can be completed.
469. DIRECTED TEACHING IN READING CENTERS Four hours
Directed observation and teaching in summer remedial classes in public schools. To be taken concurrently with Education 449.
471. INDIVIDUAL INVENTORY Two hours
See Psychology 471.
472. OCCUPATIONAL INFORMATION Two hours
This course is designed for those who are interested in the vocational guidance of young people. Special emphasis is placed upon the sources, analysis, filing, and methods of disseminating occupational information.
473. INTRODUCTION TO COUNSELING Two hours
See Psychology 473.
475. EMOTIONAL PROBLEMS OF CHILDREN Two hours
Emphasis is placed on common emotional problems of school-age children and the teacher's role when these arise in the classroom. There is opportunity to visit local community agencies offering resources for help.
478. MENTAL HEALTH FOR TEACHERS Two hours
Primarily concerned with the adjustment of the teacher to the classroom situation. Some emphasis on the various mechanisms of adjustment.
501. HISTORY OF EDUCATION Two hours
A study of the history of education, Occidental and Oriental, with particular reference to its bearings on contemporary education.
Mr. Carlson
505. PHILOSOPHY OF EDUCATION Three hours
A study of the relations of philosophy to education and of philosophical implications of educational theories and practices. Mr. Carlson
507. ADVANCED EDUCATIONAL PSYCHOLOGY Two hours
Principles and research in human learning and their implications for curriculum and instruction.

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509. COMPARATIVE EDUCATION Two hours
 A comparative study of the backgrounds, developments, trends, and problems of major national systems of education. Mr. Carlson
522. CORE CURRICULUM Two hours
 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.
526. IMPROVEMENT OF INSTRUCTION IN THE
 ELEMENTARY SCHOOL Five hours
 A workshop course directed toward meeting the needs of the class membership dealing with the improvements of instruction, together with a study of recent trends and research in the various areas of elementary education; methods and experiences to be used in attaining the aims and objectives set up by the group.
531. ab and cd. TEACHER EDUCATION SEMINAR One hour
 This course brings together the college teachers and the classroom teachers from the public schools who are working with student teachers, so that they may build common understandings and goals toward which to work in the training of teachers. 531ab for elementary teachers and 531cd for secondary teachers.
Miss Nielsen, Mr. Sjoding, Miss Runbeck, Mr. Hagen, Mr. Pederson
546. CURRICULUM DEVELOPMENT Two hours
 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. Mr. Sjoding
551. EDUCATIONAL RESEARCH Two hours
 Methods and techniques employed in the investigation and report of educational problems. Some practice in research is provided. Required of all graduate students. Mr. Sjoding
558. INDIVIDUAL RESEARCH One to four hours
 For those M.A. candidates electing to write two or three 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 for the Graduate Committee.
559. THESIS Two to four hours
 For those M.A. candidates electing to write a thesis. The thesis problem will be chosen from the candidate's area of concentration. The candidate will be required to outline and defend his thesis in a final oral examination conducted by the Graduate Committee.
571. SCHOOL GUIDANCE PROGRAM Two hours
 A survey study of the guidance program as organized and conducted by a public school system with emphasis on the role of the teacher. Required for all M.A. candidates. Mr. Eklund

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572. VOCATIONAL GUIDANCE Two hours
A study of the techniques and procedures of vocational guidance and counseling. Topics emphasized are interviewing, tests necessary for study of vocational fitness, making and writing up interpretations from testing and other fact-finding devices, practice in writing case reports, sources of vocational information and classroom methods in vocational group guidance. Students are required to take all representative tests studies and to give vocational guidance to at least one college undergraduate or high school student, such work to be performed outside of class under periodic supervision.
578. SCHOOL GUIDANCE FOR ADMINISTRATORS Two hours
Organization and administration of guidance services, selection of guidance personnel, school plant facilities and services necessary for an effective guidance program, and evaluation of the program. Prerequisite: Education 571.
581. PUBLIC SCHOOL ADMINISTRATION Three hours
A beginning course for those students planning to enter the field of public school administration and supervision. Some consideration will be given to the role of the school board and superintendent, but major emphasis will be on the role of the principal as his work relates to children and youth, parents, teachers, and other school employees, buildings, transportation, and the community. Prerequisite: at least one year of teaching experience. Mr. Hagen
584. PUBLIC RELATIONS Two hours
Teaching and public school management critically studied for opportunities to improve public relations. Mr. Hagen
586. SCHOOL FINANCE Two hours
Local, State and Federal contributions to school finance, their philosophy and development. Special emphasis on the development and administration of a school budget. Mr. Hagen
591. HIGH SCHOOL ORGANIZATION AND ADMINISTRATION Two hours
Current viewpoints and issues in planning and organizing the high school curriculum, schedule making, extra-curricular activities, teachers' meetings, pupil accounting and control, finance and reports. Prerequisite: Education 581.
593. PROBLEMS OF THE ELEMENTARY SCHOOL PRINCIPAL Three hours
A course dealing with the practical problems faced by elementary school principals. Topics included are school organization, admission, and promotion policies, pupil accounting, records and reporting, discipline, public relations, and professional growth.
594. ADMINISTRATION AND SUPERVISION WORKSHOP Four or five hours
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 programs. Prerequisite: One course in Administration and/or Supervision.

ENGLISH

Mr. Ranson, Miss Blomquist, Mr. Carlson, Miss Chesterman,
Mrs. Johnson, Mr. Klopsch, Miss Knudson, Mr. Nesvig

For the major in literature in Liberal Arts at least 24 credit hours are required in addition to English 101 and 102. These shall include:

English 251 and 252 (or 251 and 484), 6 hours.

English 382 or 383 or 384 or 388, 3 hours.

English 341 or 342 or 387 or 483 or 484, 3 hours.

Another course from one of the above groups, 3 hours.

Upper division electives, 9 hours.

For the minor in literature at least 15 credit hours are required.

These shall include six hours of English 233, 251, 252, or 234. Of the remaining nine hours six must be upper division. Nine of the 15 hours must be in English or American literature.

For the minor in composition at least 15 credit hours are required. These shall include at least eight hours of English 204, 208, 217, 218, 302, 404 or 418 (only two hours of journalistic composition may be counted) and at least six hours of upper division electives in literature.

The requirements for majors and minors should be regarded as bare minimums. The student is urged to take additional courses, both lower and upper division, to round out his knowledge of the masterpieces of English and American literature and, to the extent possible, of world literature. At the beginning of his junior year the student's program should be planned in consultation with the major adviser to insure the best possible training in literature and in related fields.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of English, should follow the course outline as listed in the section on Requirements for Degrees.

51. REMEDIAL ENGLISH

No Credit

A review of grammar, punctuation, mechanics. Students who fail in the English Placement Test are required to complete this course before being allowed to register for English 101. Three hours per week.

101. COMPOSITION

Three hours

The course aims to train students to develop ideas accurately and effectively in the sentence, in the paragraph, and in extended written discussion. Essays are read and analyzed to provide models of good exposition, to stimulate thought and discussion, and to develop accuracy in reading.

The Staff

102. COMPOSITION

Three hours

A brief study of the technique of preparing a research paper. Otherwise, further work in expository writing combined with the study of representative works of biography, fiction, drama and poetry.

The Staff

ENGLISH

- S103. COMPOSITION WORKSHOP Two hours
For students needing individual work upon elementary problems in writing exposition. Students planning to enter college in the fall or students at any point in their college work may register for this course.
203. JOURNALISM Two hours
A study of the principles of news writing and editing, and their application in the preparation of news copy; headline writing; proof reading. Mr. Nesvig
204. JOURNALISM Two hours
Editorial and feature writing; a study of the various types of editorial and feature copy; column writing; make-up; laboratory work in connection with the MOORING MAST and SAGA. Mr. Nesvig
208. EDITORIAL CONFERENCE One to four hours
Provides opportunity for the college publication staff to do practical research work on journalistic problems. Open to advanced students in journalism with consent of the instructor. Mr. Nesvig
217. THE SHORT STORY Two hours
A study of the short story as a narrative form. Practice in writing short stories. (Upper division students may obtain upper division credit.) Mr. Ranson
218. ADVANCED COMPOSITION Two hours
Aimed to help the student develop greater accuracy, facility, clarity and effectiveness in the ordinary forms of written discourse. (Upper division students may obtain upper division credit.) Mrs. Johnson
230. AN APPROACH TO LITERATURE Either semester. Three hours
A study of representative types of drama, poetry, essays and prose fiction. The aim of the course is to develop an appreciation of literature by considering the nature of the creative experience and the qualities and functions of literature as art. Not recommended for majors or minors in literature. Mr. Klopsch, Mrs. Johnson
- 233, 234. WORLD LITERATURE Three hours per semester
A reading course in the literatures of various nations, ancient, medieval, and modern. Intended to give pleasure and to develop an understanding of foreign point of view. Readings, reports, lectures, discussions. Miss Blomquist
242. MAJOR AMERICAN WRITERS Three hours
Designed especially for students not majoring in English. Not recommended for those who plan to take 341, 342. Mrs. Johnson
- 251, 252. LITERARY BACKGROUNDS Three hours per semester
A study of English classics from Beowulf to Hardy, emphasizing the work of the major writers, the development of literary forms, and their relation to the general cultural background. Mr. Ranson
302. THE ENGLISH LANGUAGE Spring semester. Two hours
A study of the development of the English language, plus intensive reviews in usage, spelling, and vocabulary. Miss Knudson

ENGLISH

321. CHILDREN'S LITERATURE Fall semester. Two hours
 A short history of children's literature; a study of the literature for children in the lower grades; story telling. Miss Blomquist
332. THE CONTINENTAL NOVEL Three hours
 A study of representative French, Russian, German, Scandinavian and Spanish novels of the nineteenth century. Miss Knudson
335. FOLKLORE AND FOLK LITERATURE Two hours
 A study of folk literature with particular emphasis on the ballad and the folktale; some attention to related folk customs and beliefs. Miss Blomquist
- 341, 342. AMERICAN LITERATURE Three hours per semester
 From Edwards to Hawthorne and Melville. From Whitman and Twain to World War I. Mr. Ranson
5349. MODERN POETRY Two hours
 A study of recent English and American poetry.
350. CONTEMPORARY LITERATURE Three hours
 A study of selected works by major writers, chiefly English and American, representing main trends in poetry, fiction and drama from World War I to the present time. Mr. Ranson
357. ENGLISH DRAMA Three hours
 Plays representing the development of drama from the sixteenth century to the nineteenth, exclusive of Shakespeare.
358. MODERN DRAMA Three hours
 Selected plays representing the development of drama in the contemporary period: British, Continental, American. Mr. Klopsch
382. CHAUCER Three hours
 Especially TROILUS AND CRISEYDE and THE CANTERBURY TALES. Some study will be made of the development of the English language. To be offered Spring, 1957. Miss Blomquist
383. SHAKESPEARE Fall semester. Three hours
 LOVE'S LABOUR'S LOST, MIDSUMMER-NIGHT'S DREAM, AS YOU LIKE IT, RICHARD III, ROMEO AND JULIET, JULIUS CAESAR, TROILUS AND CRESSIDA, OTHELLO, MACBETH, ANTONY AND CLEOPATRA, CYMBELINE.
384. SHAKESPEARE Spring semester. Three hours
 COMEDY OF ERRORS, MERCHANT OF VENICE, RICHARD II, HENRY IV, TWELFTH NIGHT, MEASURE FOR MEASURE, HAMLET, LEAR, CORIOLANUS, TIMON OF ATHENS, TEMPEST.
388. SEVENTEENTH CENTURY LITERATURE Three hours
 Donne, Milton, and their contemporaries. Miss Knudson
389. EIGHTEENTH CENTURY LITERATURE Three hours
 Defoe, Addison, Swift, Pope, Thomson, S. Johnson, Boswell, Goldsmith, Gray, Collins, Burns, Blake.

ENGLISH

404. LITERARY CRITICISM Two or three hours
The problems of creating and evaluating literature as discussed by the great critics of the past century. Recommended mainly for majors and minors in literature or composition. Third credit hour may be earned by project in creative or critical writing.
418. ADVANCED CREATIVE WRITING Three hours
For those seriously interested in writing fiction, drama, or poetry.
Miss Chesterman
421. ADVANCED CHILDREN'S LITERATURE Two hours
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.
- 440a. LITERATURE IN THE SECONDARY SCHOOLS
Spring semester. Two hours
A study of literature for Junior and Senior High School students.
- 440b. ENGLISH IN THE SECONDARY SCHOOLS
Fall semester. Two hours
Materials, problems, and methods. Miss Knudson
441. AMERICAN NOVEL Three hours
Survey of the development of the novel in the U. S. from the eighteenth century to the present day.
442. AMERICAN DRAMA Three hours
A brief survey of 18th and 19th century American drama, with more particular study of 20th century plays and playwrights. Miss Knudson
- S471. STUDIES IN BRITISH AND AMERICAN WRITERS
Three hours
The major works of from one to three writers will be studied each term. (Formerly listed as Six American Writers).
483. EARLY NINETEENTH CENTURY LITERATURE Three hours
Wordsworth, Coleridge, Scott, Byron, Shelley, Keats; with supplementary reading of essays and criticism of the period. Mr. Ranson
484. LATE NINETEENTH CENTURY LITERATURE Three hours
An intensive study of the literature of the Victorian period (1830-1900): poetry, criticism, drama and some fiction. Mr. Ranson
- S486. BROWNING Two hours
497. MAJOR CONFERENCE One or two hours
Mr. Ranson
550. GRADUATE SEMINAR One to three hours

FRENCH, GENERAL ENGINEERING, GEOGRAPHY

FRENCH

Mrs. Little

A minor in French must include fifteen hours above French 102.

- 101, 102. ELEMENTARY FRENCH Four hours per semester
Pronunciation. Fundamentals of grammar. Oral and written work.
Reading of easy texts. Mrs. Little
- 201, 202. INTERMEDIATE FRENCH Three hours per semester
Advanced grammar and composition. Survey reading in the areas of
French history, geography, and cultural development; supplemented
by outstanding graded selections from masterpieces in French litera-
ture. Mrs. Little
- 301, 302. SURVEY OF FRENCH LITERATURE
Three hours per semester
Intensive chronological studies of the history of French literature from
earliest beginning to the twentieth century, supplemented by reading
of typical works from each period. Advanced written and oral drill.
- 401, 402. ADVANCED LITERATURE Three hours per semester
All work will be based upon studies of selected masterpieces of
French literature: drama, poetry, and prose.

GENERAL ENGINEERING

Mr. Gaines

101. ENGINEERING PROBLEMS Two hours
An introduction to engineering methods including mathematical re-
view, use of slide rule and logarithms, use of formulas in solving
problems with emphasis on systematic procedure and standard form
of reports. Mr. Gaines
- 151, 152. ENGINEERING DRAWING AND
DESCRIPTIVE GEOMETRY Two hours per semester
Mr. Gaines

GEOGRAPHY

Mr. Ostenson

101. WORLD GEOGRAPHY Either semester. Three hours
A survey of the physical features and resources of the various coun-
tries. Mr. Ostenson
303. ECONOMIC GEOGRAPHY Two hours
See EBA 303.

GEOLOGY, GERMAN

GEOLOGY

Mr. Gaines

- 101, 102. GENERAL GEOLOGY Four hours per semester
The earth; its materials and history. Physical Geology the first semester; Historical Geology the second semester. Two lectures and two laboratory periods per week Mr. Gaines
- S121. ROCKS AND MINERALS Two hours
A study of the composition, classification and identification of the common rocks; the important economic and rock forming minerals.

GERMAN

Mrs. Little, Mrs. Dormer

The course in German language aims to give the student the information, interest, facility, and enjoyable experience which he gains in the course of achieving a new language, a wider field of comprehension of other lands and people, and to increase his own cultural assets.

A minor in German must include fifteen hours above German 102.

- 101, 102. ELEMENTARY GERMAN Four hours per semester
Grammar; oral and written work; graded German reader. Mrs. Little
Mrs. Dormer
- 201, 202. INTERMEDIATE GERMAN Three hours per semester
Emphasis on reading ability; grammar; songs, poetry and reading of early masterpieces of German literature. Outside reading. Mrs. Dormer
- 301, 302. LITERATURE: GERMAN CLASSICS Three hours per semester
German classics of the 18th and/or early 19th century such as Lessing, Schiller, Goethe. Some emphasis on cultural-historical background. Mrs. Little
- 401, 402. ADVANCED LITERATURE AND GRAMMAR Three hours
Special studies in the changing movements of German literature between 1800-1900. Selected readings from classicism, romanticism, poetic realism, naturalism and expressionism. Studies in 20th century German literature.
- 497, 498. INDEPENDENT STUDY One or two hours per semester

GREEK

Mr. Roe

A major in classical languages consists of a minimum of 27 credit hours including Greek 201, 202, 311, 312, 351 or 352; Latin 201, 202; History 241, 242.

A minor in Greek consists of 15 credit hours.

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|---|-------------------------------|
| 201, 202 ELEMENTARY GREEK | Four hours per semester |
| Inflections, vocabulary, and syntax; translations from Greek to English and English to Greek. | Mr. Roe |
| 311, 312. NEW TESTAMENT | Three hours per semester |
| | Mr. Roe |
| 351, 352. SEMINAR IN GREEK LANGUAGE OR LITERATURE | One to two hours per semester |
| Open to seniors. | Mr. Roe |

HEALTH

See Department of Physical Education and Health.

HEBREW

Mr. Rosenthal

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|-----------------------------|------------------------|
| 201, 202. ELEMENTARY HEBREW | Two hours per semester |
| | Mr. Rosenthal |

HISTORY

Mr. Nodtvedt, Mr. Akre, Mr. Schnackenberg, Mr. Farmer

The aim of the study of history is to acquaint the student with man's past political, economic, intellectual, social, artistic and religious activities in order that he may orient himself intelligently in contemporary world affairs. He will then be better equipped to interpret man's role in the rapidly evolving events of our changing social order.

Major for Liberal Arts students: 30 credit hours including History 103, 104 and 203, 204.

Minor in Liberal Arts: 18 credit hours.

A combined major in History and Political Science requires a minimum of thirty hours, at least twelve hours in a department, and twelve hours or more in upper division courses. The following courses are required: History 103, 104, 203, 204; Political Science 101 or 251 and 252.

Candidates for the Bachelor of Arts degree in Education who are planning to concentrate in the field of History should follow the course outline as listed in the section on Requirements for Degrees.

HISTORY

103, 104. HISTORY OF WESTERN EUROPE

Three hours per semester

A general survey of European civilization from the fall of the Roman Empire to 1914. Mr. Nodtvedt, Mr. Schnackenberg

203, 204. AMERICAN HISTORY

Three hours per semester

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 ways of life.

Mr. Akre, Mr. Farmer

210. THE PACIFIC NORTHWEST

Either semester. Two hours

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. Mr. Akre

231. LATIN AMERICAN HISTORY

Three hours

Offered the Fall of 1958 and alternate years.

241, 242. HISTORY OF THE ANCIENT WORLD

Three hours per semester

First semester: Survey of the ancient Mediterranean world through the history of ancient Greece and the conquest of Alexander the Great.

Second semester: Roman history. The origin and rise of the Roman Empire and Roman civilization; its political, economic and social development and foreign policy. Mr. Akre

313. MEDIEVAL HISTORY

Three hours

A study of the history of Europe from the fall of the Roman Empire to the beginnings of the Renaissance (476-1300). Documentary research in selected medieval sources. Offered Fall 1958 and alternate years.

Mr. Nodtvedt

332. SCANDINAVIAN HISTORY

Three hours

A survey of the history of the Scandinavian countries. The evolution of their national governments. Their inter-relations with the major countries in Europe. See Norwegian 332.

33. THE OLD REGIME

Three hours

An advanced reading course in Europe from the peace of Westphalia to the outbreak of the French Revolution. Absolute monarchies; mercantilism; institutions; colonial expansion; the enlightenment. Prerequisite: History 103, 104. Offered Fall of 1958 and alternate years.

Mr. Schnackenberg

334. THE FRENCH REVOLUTION AND NAPOLEON

Three hours

Readings and research in the revolutionary events in Europe from 1789 to the Congress of Vienna. Effects upon political, social, economic and cultural institutions emphasized. Prerequisite: History 103, 104. Offered Spring 1959 and alternate years. Mr. Schnackenberg

S335. CULTURAL-HISTORICAL STUDIES OF EUROPE (1500-1800)

Two hours

History, art and literature of Europe as correlated studies.

HISTORY

- S336. CULTURAL-HISTORICAL STUDIES OF EUROPE (1800 to present)** Two hours
History, art and literature of Europe as correlated studies.
- 337. NINETEENTH CENTURY EUROPE** Three hours
An advanced study of Europe from the Congress of Vienna to 1914. Reaction; liberalism; nationalism; imperialism; diplomacy; industrial revolution. Prerequisite: History 103, 104. Offered Fall 1957 and alternate years.
- 338. TWENTIETH CENTURY EUROPE** Three hours
The Four Year's War and peace settlements; national and international movements; autarchy and collective security; the proletarian advance; Communism; Fascism; the Second World War; reconstruction; the new liberalism; the new conservatism. Prerequisite: History 103, 104. Offered Spring 1958 and alternate years.
- 341. AMERICAN COLONIAL HISTORY** Three hours
An intensive study of the colonial period in the United States to the American Revolution. Backgrounds of colonial settlements; colonial governments and the economic, political, religious and cultural progress up to the independence period will be carefully studied. Prerequisite: History 203, 204. Offered Fall of 1958 and alternate years.
- 342. AMERICAN HISTORY (1789-1860)** Three hours
The establishment of the Federal Government under the new constitution. The era of Andrew Jackson and the pre-Civil War trends. Prerequisite: History 203, 204. Offered 1957-58 and alternate years.
- 361, 362. ENGLISH HISTORY** Three hours per semester
A study of the political, economic, social, legal, literary artistic and religious elements in English history. The first semester: England to 1603. Second semester: Stuarts to 1901. Offered 1958-59 and alternate years. Mr. Nodtvedt
- 423. THE RENAISSANCE** Three hours
A systematic study of the Age of the Renaissance in Italy. Italian and trans-Alpine humanism. Readings and research in selected areas of the Renaissance by each student. Contributions to the Reformation Era. Prerequisite: History 103, 104. Offered Fall 1957 and alternate years.
- 424. THE REFORMATION** Three hours
An intense study of the Reformation Era especially in Germany, Switzerland, France, England. Readings and research by each student. Also a study of the Catholic Reformation. Prerequisite: History 103, 104. Offered Spring 1958 and alternate years.
- 443. AMERICAN HISTORY (Civil War & Reconstruction) (1860-1900)** Three hours
Special emphasis on the impact of the Civil War and the period of reconstruction upon the country; the political, social, economic and diplomatic trends and changes. Prerequisite: History 203, 204. Offered 1957-58.

HISTORY

444. RECENT AMERICAN HISTORY Three hours
A study of the political, social, economic structure and cultural institutions of the United States in the present century. The United States in World history; the two World Wars; the League of Nations and the United States; the Cold War. Prerequisite: History 203, 204. Offered 1957-58 and alternate years.
454. HISTORY OF AMERICAN DIPLOMACY Three hours
A survey of the basic trends and developments in the foreign relations of the United States with special emphasis on such basic policies as isolation and neutrality, the Monroe Doctrine and the open door policy. Prerequisite: Consent of instructor. Offered Spring 1959 and alternate years.
Mr. Akre
456. HISTORY OF EUROPEAN DIPLOMACY SINCE 1870 Three hours
The Bismarckian Alliance structure. France and Russia. British isolation and its problems. Triple Alliance and Triple Entente. The League of Nations. French hegemony and collective security. International anarchy and the rise of the Axis Powers. World War II. The United Nations and the Cold War. Readings and discussions. Prerequisite: Consent of instructor. Offered Fall 1957 and alternate years.
464. BRITAIN IN THE TWENTIETH CENTURY Three hours
Studies in the Boer War; Parliamentary reforms; Conservative, Liberal and Labor Parties; social legislation; England in two world wars; British Empire relations; England and the League of Nations and the United Nations; the Far East. Prerequisite: History 103, 104. Offered Spring 1958 and alternate years.
471. ENGLISH CONSTITUTIONAL HISTORY Three hours
Evolution of the English concept of the crown and parliamentary government from Anglo-Saxon times to the present. The structure and the functions of England's central and local governmental institutions. Evolution of Imperial government and relations with dominions and colonies. Prerequisite: Consent of instructor. Offered Fall 1957 and alternate years.
474. AMERICAN CONSTITUTIONAL HISTORY Three hours
A survey of the development of the constitution from colonial times. Stress is laid upon the problems of imperial organization, federal supremacy, political, social and economic changes. Prerequisite: Consent of instructor. Offered Spring 1958 and alternate years.
481. HISTORY OF RUSSIA Three hours
A general survey of the expansion of Russia, early experiments in political and social reforms. The rise and spread of revolutionary socialism and the collapse of Czarism during the war of 1914-1918. Emphasis on Russia's part in the World War of 1939-1945 and on the present world relations. Offered Fall 1958 and alternate years.
Mr. Schnackenberg
484. HISTORY OF THE FAR EAST Three hours
General geographical and historical study of Far Eastern life and thought. Readings and research. Principal emphasis upon Japan, China, India. The West in Asia; the rise of nationalism, religious, artistic, intellectual, social institutions. Offered Spring 1959 and alternate years.
Mr. Schnackenberg

HOME ECONOMICS, INDUSTRIAL EDUCATION

491, 492. INDEPENDENT READING AND RESEARCH

One or two hours

595, 596. SEMINAR IN EUROPEAN HISTORY

Three hours
Mr. Nodtvedt

597, 598. SEMINAR IN AMERICAN HISTORY

Three hours

HOME ECONOMICS

Miss Quast

201. PRINCIPLES OF NUTRITION

Two hours

Normal nutrition for the promotion and maintenance of health for the individual. Selection and preparation of foods in relation to their characteristics.

Miss Quast

INDUSTRIAL EDUCATION

Mr. Gaines

The Department of Industrial Education is to be dropped in the summer of 1957 as a part of the curriculum of the college; however, a few courses will be offered during 1957-58 through the Tacoma Vocational School for seniors majoring in this field.

INDUSTRIAL ARTS

Courses given cooperatively by the Department and the Tacoma Vocational-Technical School are arranged on an individual basis and are marked with an asterisk.

101. GENERAL SHOPWORK

Two hours

An introductory course in the various areas of industrial arts involving a study of the common tools, materials, processes and products of industry. Lecture and laboratory, four hours per week.

Mr. Gaines

121. BASIC DRAWING

Two hours

An introduction to mechanical drawing. Technical sketching, lettering, use of instruments, and forms of projection basic to machine and architectural drawing. Includes elements of home planning. Lecture and laboratory practice, four hours per week.

Mr. Gaines

122. ENGINEERING DRAWING*

Three hours

Technical drawing for engineering aides. The variations in types of machine projection in working drawings and detailing. Laboratory and related work, six hours per week. Prerequisite: Industrial Arts 121 or equivalent.

Mr. Gaines

261. WOODWORKING

Three hours

Basic woodworking. Includes study of woods, tools, shop procedures and general finishing. Lecture and laboratory, six hours per week.

Mr. Gaines

262. WOODWORKING

Two hours

Problems in general wood construction and machine woodworking. Furniture making, finishing and retouching. Lecture and laboratory, four hours per week. Prerequisite: Industrial Arts 101, 261.

Mr. Gaines

INDUSTRIAL ARTS

265. CARPENTRY* Two hours
Woodworking as applied to the building trades. Laboratory and related work, four hours per week. Prerequisite: Industrial Arts 261.
270. GENERAL METALWORK* Three hours
Units in sheet metalwork, welding, and fundamentals of machine shop. Lecture and laboratory, six hours per week. Prerequisite: Industrial Arts 101.
272. WELDING* Two hours
Principles and practices in gas and arc welding, and flame cutting of metals.
310. ADVANCED ELECTRICAL CONSTRUCTION* Two to four hours
Study and practice in electrical usage, including automotive electricity, wiring in the building trades. Laboratory and related work, four to eight hours per week. Prerequisite: Industrial Arts 121.
321. ENGINEERING DRAWING* Three hours
Advanced study and practice in machine detail and representation for engineering aides. Laboratory and related work, six hours per week. Prerequisite: Industrial Arts 122.
322. ARCHITECTURAL DRAWING* Two hours
Theory of orthographic and pictorial drawing applied to the building trade. Laboratory and related work, six hours per week. Prerequisite: Industrial Arts 101, 121.
360. ADVANCED WOODWORKING PRACTICES* Two to four hours
Study and practice in selected fields of woodworking. Laboratory and related work, four to eight hours per week. Prerequisite: Industrial Arts 261, 262.
361. METHODS IN FINISHING* Two hours
Current practices in use of finish materials as applied to various types of surfaces. Brushwork, spray techniques, and fine rubbed finishes. Lecture and laboratory practice, four hours per week.
442. ORGANIZATION AND ADMINISTRATION OF THE GENERAL SHOP Three hours
Practice teaching experiences in General Shopwork, observation, and instruction in use of forms and special techniques in teaching general shop program. One hour of seminar and four hours of laboratory experience weekly. Prerequisite: Industrial Arts 101, 110, 261, 270, 440. By consent of the department.
479. COORDINATION AND SUPERVISION OF VOCATIONAL EDUCATION* Two to six hours
Apprenticeship training. Problems in vocational education. Seminar in vocational education.
- 491, 492. SPECIAL PROBLEMS Two to four hours
Courses planned for advanced students who wish to increase their proficiency in a special field of interest or to study special problems related to the teaching of industrial arts. Prerequisite: consent of the department.

JOURNALISM

See Department of English.

LATIN

Mr. Svare, Mr. G. Malmin

- 101, 102. ELEMENTARY LATIN Four hours per semester
Grammatical forms and syntax, with exercises, first semester, followed by selections from Caesar, with prose composition, second semester.
Mr. Svare, Mr. Malmin
- 201, 202. INTERMEDIATE LATIN Three hours per semester
A study of selected works. Continuation of Latin 52. Open to students who have had two units of Latin in high school. Mr. Svare, Mr. Malmin
- 497, 498. INDEPENDENT STUDY Two hours per semester
Open to advanced students by permission of the department.

MATHEMATICS

Mr. Maier, Mr. Running, Mr. Gaines

Modern technical developments have in large measure been made possible by the use of mathematics. There is a growing demand for mathematicians and scientists who are skilled in the use of mathematics. Some of the fields in which the use of mathematics plays an important role are physics, chemistry, meteorology and astronomy; all branches of engineering, but especially the electrical, mechanical and aeronautical; statistics and actuarial science. Any student who contemplates advanced work in any of these fields should consider a major or a minor in mathematics.

A major in mathematics shall consist of a minimum of 24 credit hours including at least eight credit hours beyond the calculus approved by the department. A minor in physics is recommended, and a year of college physics is required as a supporting subject for a major in mathematics.

A minor in mathematics shall consist of a minimum of 15 credit hours including a year of calculus.

Freshmen who expect to enter science or engineering schools and have the prerequisites should register for mathematics 161. Mathematics 106 is required of all pre-engineering students.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Mathematics, should follow the course outline as listed in the section on Requirements for Degrees.

MATHEMATICS

91. PLANE GEOMETRY No credit
For students who have not had high school geometry. A study of angles, triangles, quadrilaterals, polygons, and circles from the deductive standpoint. Required as a prerequisite for Mathematics 106, 112, 131 and 161 in lieu of high school geometry. Three class periods per week. Staff
101. INTERMEDIATE ALGEBRA Either semester. Three hours
A thorough review of high school algebra and a continuation beyond quadratics. Three periods per week. Prerequisite: one year of high school algebra Mr. Running, Mr. Gaines
106. SOLID GEOMETRY Two hours
The relations of planes and lines in space; the properties and measurements of prisms, pyramids, cylinders, cones, and spheres; original exercises and constructions. Three periods per week. Prerequisite: plane geometry, one year of high school algebra. Required for pre-engineering students and for those who plan to teach secondary school mathematics. Mr. Running
112. PLANE TRIGONOMETRY Three hours
Circular measurements of angles, proofs of the principal formulas, the use of inverse functions, solution of right and oblique triangles. Prerequisite: Mathematics 101 or equivalent. Mr. Running
131. COLLEGE ALGEBRA Three hours
A continuation of course 101: progressions, binomial theorem, complex numbers, theory of equations, determinants, and partial fractions. Mr. Gaines
154. PLANE ANALYTICAL GEOMETRY Three hours
Loci, the straight line and the circle, polar coordinates, conic sections, tangents and normals, the general equation of the second degree. Prerequisite: Mathematics 112, 131. Mr. Running
- 161, 162. GENERAL MATHEMATICS Four hours
A unified course covering the essentials of algebra, trigonometry, analytic geometry and the fundamental concepts of calculus. Prerequisite: Mathematics 101. Mr. Maier
- 251, 252. DIFFERENTIAL AND INTEGRAL CALCULUS Four hours per semester
This course lays the foundation for all advanced work in mathematics and is a basic tool for advanced work in physics and engineering. Involves review of previous mathematics courses. Prerequisite: Mathematics 131 and 154 or Mathematics 162. Mr. Maler
331. ADVANCED COLLEGE ALGEBRA Three hours
An extension of the work given in Mathematics 131. Properties of real numbers; polynomials; determinants and matrices; theory of equations; cubic and quartic equations; sequences, limits and series. Prerequisite: Mathematics 112 and 131 or equivalent.
411. DIFFERENTIAL EQUATIONS Three hours
Prerequisite: Mathematics 252. Mr. Maier
412. ADVANCED CALCULUS Three hours
Prerequisite: Mathematics 252. Mr. Maier

MUSIC

451. THEORY OF EQUATIONS Three hours
Prerequisite: Mathematics 252.
452. INTRODUCTION TO MODERN ALGEBRA Three hours
Matrices; determinants; introduction to the theory of groups, rings, fields. Prerequisite: Mathematics 252.
- 497, 498. INDEPENDENT STUDY One to three hours per semester
Open to advanced students with consent of the department. Mr. Maier

MUSIC

Mr. Weiss, Miss Christensen, Mr. Fritts, Mr. Gilbertson,
Mr. G. Malmin, Mr. Newnham

A major in music shall consist of a minimum of 30 semester hours in music theory, history and literature including Music 111, 112, 211, 212, 311, 312, 321, 322, 411, 412, plus 10 semester hours of applied and ensemble music. To qualify as a music major a student will be required to pass an entrance examination.

A minor in music shall consist of a minimum of 22 semester hours including Music 111, 112, 321, 322 and 8 semester hours of applied and ensemble music.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Music, should follow the course outline as listed in the section on Requirements for Degrees.

Students majoring in music or music education must excel in one performance area. Students majoring or minoring in music must have a functional piano facility. A student majoring in music or music education is required to be a member of a large ensemble (choir, chorus, band, or orchestra) during each semester with the exception of the period of student teaching.

All students of applied music who make public appearances should receive the consent of their respective instructors or the director of the department.

A maximum of eight hours in choir, chorus, band, orchestra may be applied toward a degree.

Applied Music

150. PIANO One hour per semester
Miss Christensen, Mr. Fritts, Mr. Weiss
152. ORGAN One hour per semester
The technique of organ playing and style through preparatory exercises and works of classic and contemporary composers. Prerequisite: Satisfactory piano technique.
Miss Christensen, Mr. Fritts, Mr. Newnham

MUSIC

154. VOICE One hour per semester
Voice production, placement, breath control, diction, interpretation, repertoire. Oratorio and operatic arias and art songs. Recitals, broadcasts, choral concert opportunities. Mr. Newnham
156. VIOLIN, VIOLA One hour per semester
Mr. Gilbertson, Mr. Siegl
350. PIANO (Advanced) One hour per semester
Miss Christensen, Mr. Fritts, Mr. Weiss
352. ORGAN (Advanced) One hour per semester
Miss Christensen, Mr. Fritts, Mr. Newnham
354. VOICE (Advanced) One hour per semester
Mr. Newnham
450. SENIOR RECITAL One or two hours per semester
Credit is granted according to the scope of the recital at the discretion of the Faculty Committee.

Education

140. CLASS VOICE INSTRUCTION One hour per semester
Haywood method. A beginning course in group voice instruction for students and teachers requiring an introduction to the principles of voice placement and automatic breath control. Mr. Newnham
- 141, 142. STRING INSTRUMENTS One hour per semester
Class study of bowed string instruments. Recommended as part of training for teachers of junior or senior high school instrumental music. Three periods per week.
- 143, 144. STRING INSTRUMENTS One hour per semester
Continuation of 141, 142 but with the addition of ensemble playing of easy music. Open to students with previous experience in strings. Three periods per week.
243. WOODWIND AND PERCUSSION INSTRUMENTS Two hours
Basic techniques. Recommended as part of training for teachers of junior or senior high school instrumental music. Three periods per week.
244. BRASS AND PERCUSSION INSTRUMENTS Two hours
Basic techniques. Recommended as part of training for teachers of junior or senior high school instrumental music. Three periods per week.
340. MUSIC IN THE ELEMENTARY SCHOOL Two hours
Techniques and procedures for the music program of the first six grades. The rote song, child voice, rhythm activities, and the like. Mr. Gilbertson

MUSIC

341. CHORAL CONDUCTING Two hours
A study of the technique of the baton and examples of score reading. Consent of instructor required. Three days per week. Offered alternate years. Mr. Malmin
342. INSTRUMENTAL CONDUCTING Two hours
Baton technique, score reading, laboratory work in conducting instrumental groups. Consent of instructor required. Three days per week. Offered alternate years. Mr. Gilbertson
- 440e. MUSIC IN THE SECONDARY SCHOOL Two hours
The place of music in adolescent development, the boys' changing voice, organizing and directing all phases of vocal and instrumental music activities in the junior and senior high school.
442. METHODS OF TEACHING PIANO One hour
Lectures, discussions, prescribed reading in methods of teaching children. Required of piano majors. Open to others with sufficient preparation. Recommended for senior year.

History and Literature

120. MUSIC SURVEY Either semester. Three hours
A course presenting music of different periods as related to the other arts. Mr. Gilbertson, Mr. Malmin, Mr. Weiss
321. HISTORY AND LITERATURE Three hours
Ancient music, the rise of church music and polyphony. The beginning of opera and oratorio. The age of Bach and Handel. Prerequisite: Six semesters of music theory Mr. Fritts
322. HISTORY AND LITERATURE Three hours
The classical school, Beethoven, Romanticism. The music drama of Richard Wagner. Modern school. Prerequisite: Six semesters of music theory. Mr. Weiss
- 421, 422. CHURCH MUSIC Two hours per semester
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. Mr. Malmin
520. GRADUATE SEMINAR One to three hours
Staff

Theory

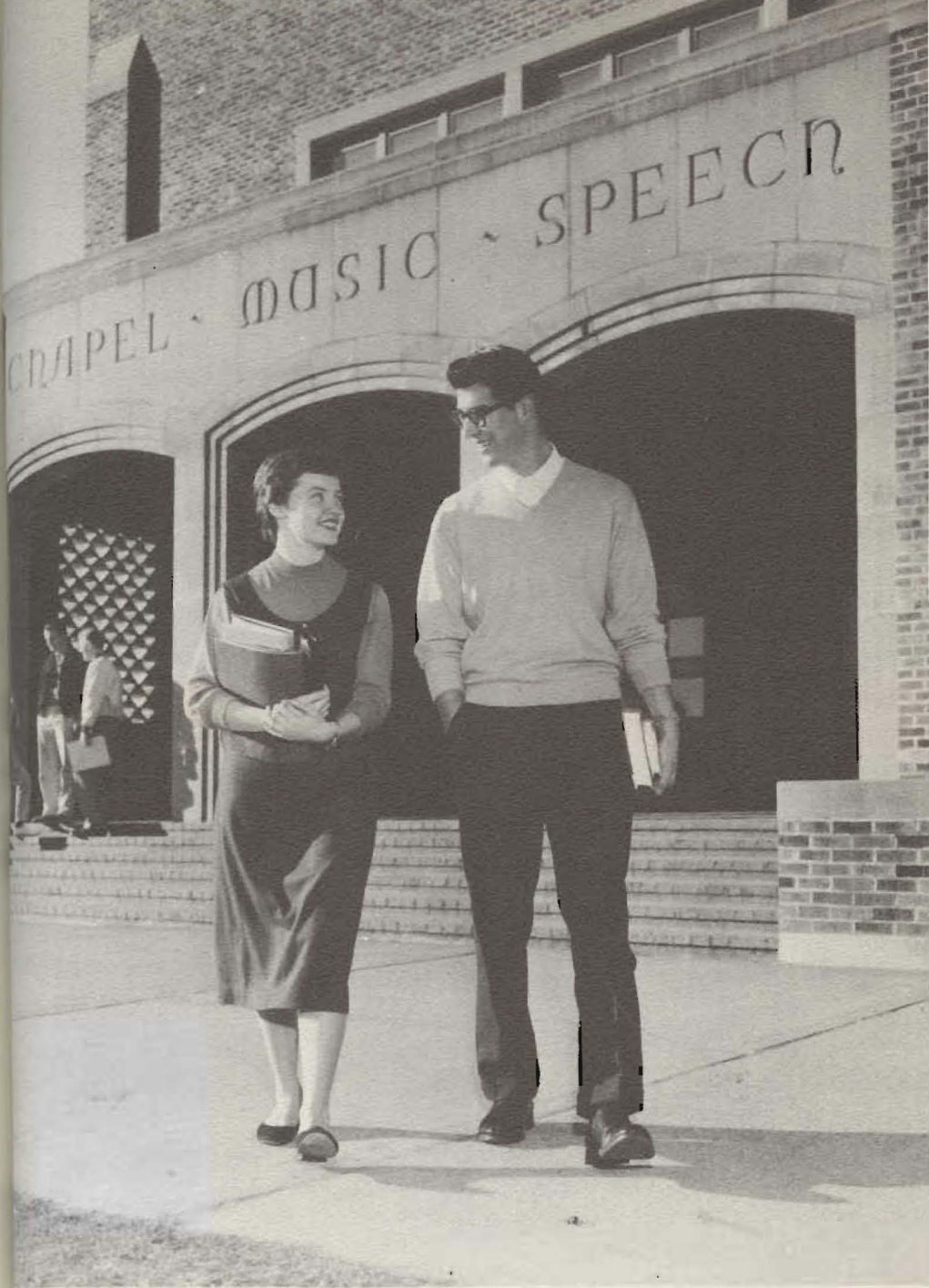
101. FUNDAMENTALS Either Semester. Four hours
A study of the rudiments of music, including rhythms, sight reading, elementary keyboard experience and creative music. Mr. Gilbertson

MUSIC

- 111, 112. THEORY Four hours per semester
Thorough training in the melodic, harmonic and rhythmic elements of music. A complete correlation of the materials and techniques of sight-singing, melodic and harmonic dictation, rhythmic reading, and the elements of harmony including seventh chords and four-part writing. Five periods per week. Miss Christensen
- 211, 212. THEORY Three hours per semester
Continuation of Music 111, 112 through altered chords, modulation, harmonic counterpoint in two, three and four parts. Prerequisite: Music 112. Mr. Fritts, Mr. Malmin
- 311, 312. COUNTERPOINT Two hours per semester
The counterpoint technique of the sixteenth, seventeenth, and eighteenth centuries. Prerequisite: Music 212. Mr. Malmin
- 411, 412. FORM AND ANALYSIS Two hours per semester
A study of form from the simple musical phrase through the song forms to the larger forms of Bach, Beethoven, etc. Prerequisite: Music 212. Offered alternate years. Mr. Gilbertson
- 415, 416. ORCHESTRATION Two hours per semester
A study of the ranges and characteristics of all the instruments of the band and orchestra. Arrangements for combinations, band and orchestra. Prerequisite: Music 212.
425. MAJOR CONFERENCE One to three hours
Staff

Vocal and Instrumental Ensembles

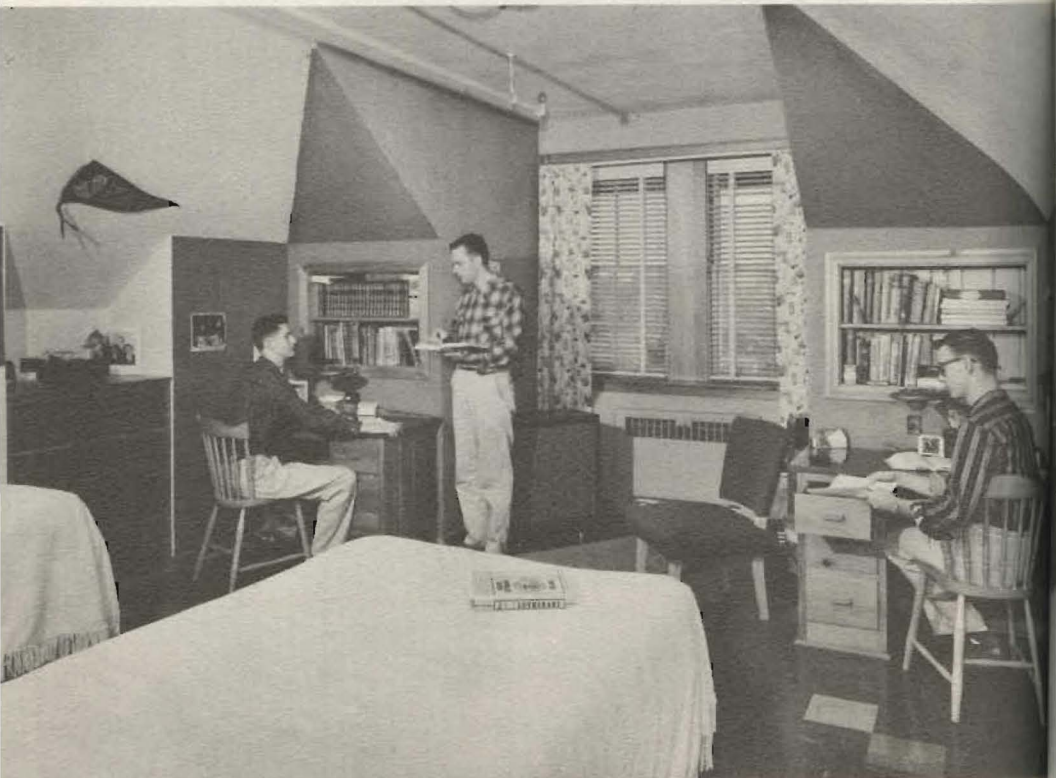
132. CHORUS One hour per semester
Tryouts are held at the beginning of each fall semester. Singing of both sacred and secular music, with and without accompaniment. Mr. Fritts
134. CHOIR One hour per semester
Membership determined by tryouts. A cappella singing of sacred music. All members are required to take a minimum of one semester of voice lessons. Mr. Malmin
135. MADRIGALS One hour per semester
Mr. Newnham
136. ORCHESTRA One hour per semester
Membership determined by tryouts. Standard orchestral literature. Mr. Gilbertson
138. BAND One hour per semester
Membership determined by tryouts. Varied band literature and marching experience. Mr. Gilbertson



OFF TO CLASS



TOWARD OLD MAIN FROM THE CHAPEL



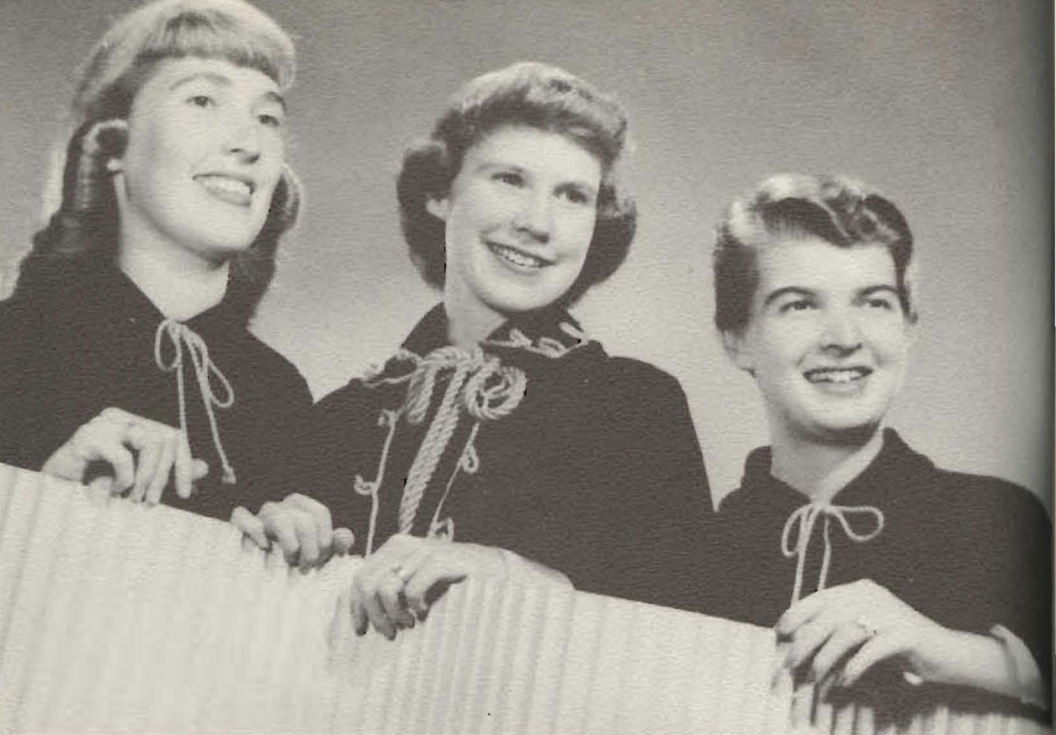
LIVING IN OLD MAIN



CHAPEL - MUSIC - SPEECH AUDITORIUM



CHOIR OF THE WEST



HOMECOMING QUEEN AND ATTENDANTS



MAIL FROM HOME



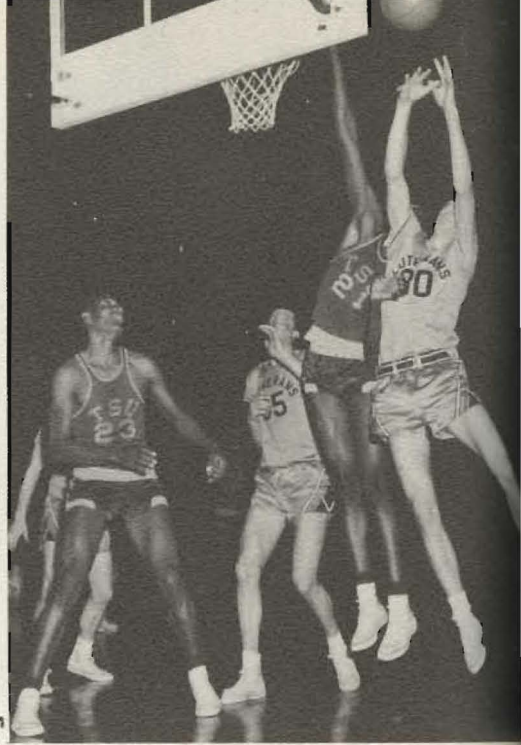
PHYSICS CLASS



CHILDREN'S THEATRE



JAMES VAN BEEK STEALS REBOUND
FROM TENNESSEE STATE MAN



CHARLES CURTIS FIRES ONE UP
AGAINST TEXAS SOUTHERN



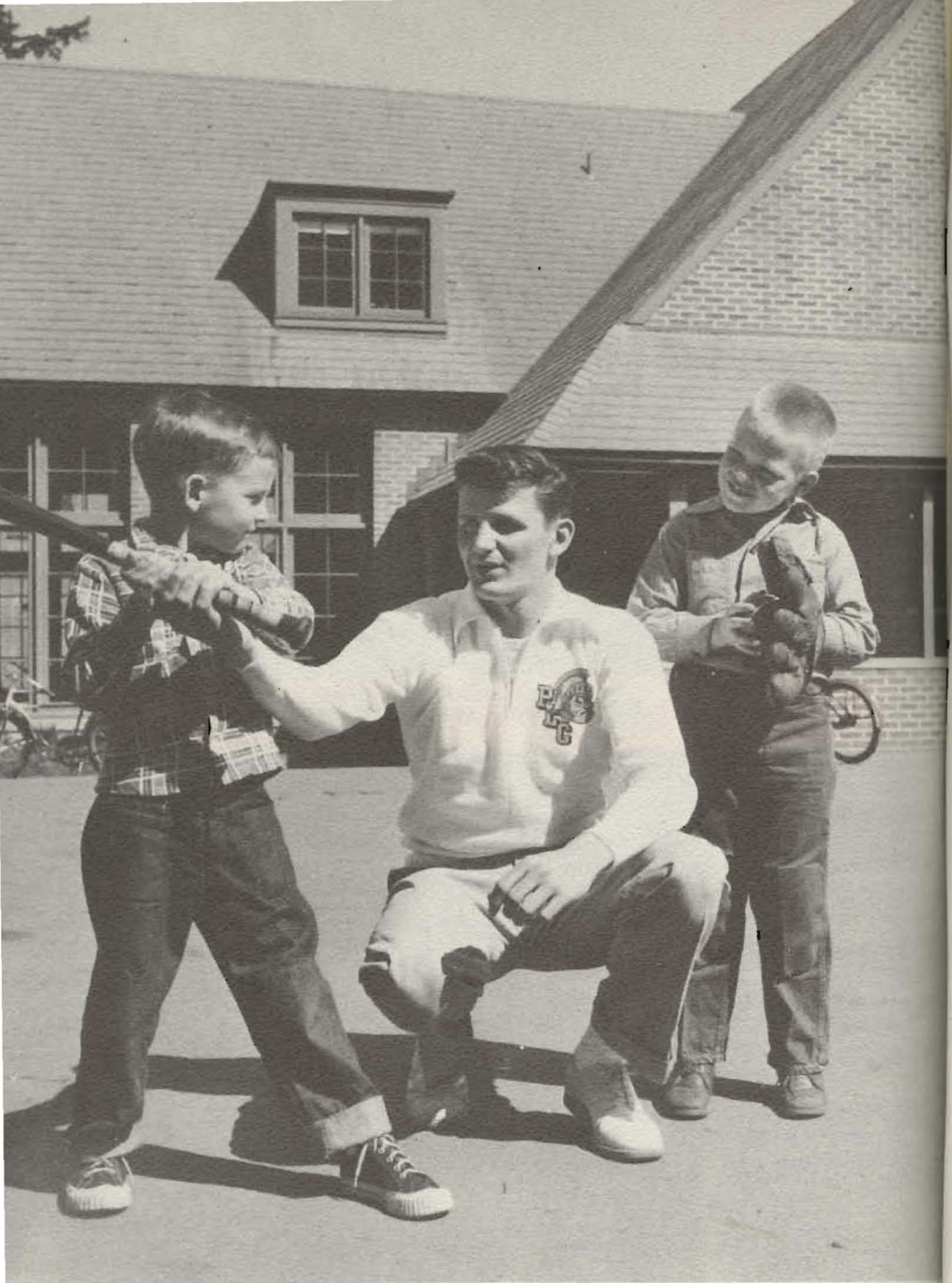
ROGER IVERSON PUMPS IN JUMP SHOT AGAINST ELON (N.C.)



NAIA ALL-TOURNAMENT TEAM —
PLC's CHARLES CURTIS AND ROGER IVERSON, LEFT



BASKETBALL TEAM ARRIVES AT AIRPORT AFTER PLACING THIRD
IN NATIONAL (NAIA) TOURNEY AT KANSAS CITY



"AND GLADLY TEACH"

NORWEGIAN, NURSING EDUCATION

NORWEGIAN

Mr. Svare, Mr. C. K. Malmin

A minor in Norwegian comprises courses 101, 102, 201, 202, plus 9 semester hours of upper division courses.

- 101, 102. ELEMENTARY NORSE Four hours per semester
Grammar and composition; easy readings, conversations.
Mr. Svare, Mr. Malmin
- 201, 202. NORSE LANGUAGE AND LITERATURE Three hours per semester
Advanced reading course; conversation and composition.
Mr. Svare, Mr. Malmin
- 301, 302. DRAMA AND POETRY Three hours per semester
Bjornson, first semester; Ibsen, second semester.
- 331, HISTORY OF SCANDINAVIAN LITERATURE Three hours
332. SCANDINAVIAN HISTORY Three hours
- 401, 402. SCANDINAVIAN MASTERPIECES IN
ENGLISH TRANSLATION Three hours per semester
Novel, first semester; drama, second semester.

NURSING EDUCATION

Mrs. Morken and Assistants

The aim of this department is to prepare young women to recognize and participate in the responsibilities and opportunities for Christian service in the profession of Nursing. Graduates of the department have a foundation for advanced study which qualifies for positions of leadership.

101. HISTORY OF NURSING Two hours
A course designed to help the young student in nursing understand the historical background of nursing traditions and present-day philosophy.
Mrs. Morken
201. INTRODUCTION TO NURSING Three hours
A course which includes the introduction to the profession of nursing through a study of ethics and adjustments, of elementary drug therapy and of accuracy in drug administration, and of the basic principles of patient care, and of medical and nursing terminology. Mrs. Morken

NURSING EDUCATION

203. PRINCIPLES AND PRACTICE OF ELEMENTARY NURSING

Four hours

A course designed to give the student knowledge and skill in the fundamental nursing care of patients, to develop habits of observation, manual dexterity and accuracy. Experience with patients in the clinical situation serves as a laboratory field with a minimum of 70 hours of ward experience in the quarter. Staff

205. ADVANCED NURSING ARTS

Three hours

A continuation of the basic principles of patient care with an introduction to the team method of assignment. Staff

211. ELEMENTARY MATERIA MEDICA

Two hours

This course is designed to give the student nurse a working knowledge of drugs and their sources, and their therapeutic value in the treatment and prevention of disease. Staff

215. MATERIA MEDICA

Two hours

A continuation of Nursing 211. Staff

221. INTRODUCTION TO MEDICAL SCIENCE

One hour

A study of the methods used in diagnosis and treatment of disease, interpretation of laboratory findings, and additional terminology. Staff

223. PRINCIPLES OF MEDICINE, SURGERY AND NURSING CARE

Three hours

This course deals with the causes of disease, methods of diagnosis, and treatment and nursing care of those conditions requiring treatment by medicinal therapy as well as those responding to operative therapy. The recognition of symptoms and complications and preventive measures are emphasized. Staff

224. MEDICAL NURSING EXPERIENCE

Three hours

This course is correlated with the classes in Medical Nursing in order that the student may learn to give the specific and personalized care required, plus the ability to execute the special techniques utilized in medical conditions. Clinics and conferences weekly. Experience nine weeks. Staff

226. SURGICAL NURSING EXPERIENCE

Three hours

This course is correlated with the classes in Surgical Nursing in order that the nurse may learn to give the specific and individualized care required plus an ability to execute the special techniques utilized in surgical conditions. Clinics and conferences weekly. Experience nine weeks. Staff

310. PRINCIPLES AND PRACTICE OF DIET THERAPY

Three hours

A study of the basic dietary principles and therapeutics, consideration of the dietary needs of the ill patient as well as his individual needs with the opportunity to learn through specialized experience, the technique of planning, preparing and serving special foods for specific type patients. Experience in Dietary Therapy is for four weeks. Staff

NURSING EDUCATION

320. PRINCIPLES AND PRACTICE OF OPERATIVE ASEPTIC TECHNIQUES Four hours
 A study of the underlying principles of aseptic techniques, with experience in executing procedures involving these techniques, and in assisting the surgeon in his work. Experience eight weeks. Staff
324. ADVANCED MEDICAL NURSING EXPERIENCE Two hours
 A continuation of Nursing 224. Experience six weeks. Staff
325. PRINCIPLES OF MEDICINE, SURGERY AND NURSING AND HEALTH SERVICE IN THE FAMILY Four hours
 A continuation of Nursing 223 with additional emphasis on the family and nursing care in the home. An introduction to public health and community problems and the adjustment of the individual and family to these problems is stressed. Conferences weekly with clinic observation. Staff
326. ADVANCED SURGICAL NURSING EXPERIENCE Two hours
 A continuation of Nursing 226. Experience six weeks. Staff
327. PRINCIPLES OF MEDICAL AND SURGICAL SPECIALTIES Four hours
 A study of the diseases of the nervous system, the genitourinary system, conditions of the eye, ear, nose and throat, communicable diseases, and of the diseased conditions of the skin, with nursing care involved in each case. Staff
330. PRINCIPLES OF TUBERCULOSIS NURSING AND TUBERCULOSIS NURSING EXPERIENCE Three hours
 A course with six weeks clinical experience designed to teach the student the use of special therapies, rehabilitation, prevention and control, and public health and social aspects of tuberculosis as a communicable disease. Ward clinics, nursing conferences and nursing projects are included in the theory and experience planned for the student. Taught through affiliation with the University of Washington at Firland Sanatorium, Seattle, Washington.
331. PRINCIPLES OF MATERNITY NURSING Three Hours
 This course is designed to help the student nurse acquire the essential knowledge and to develop the understandings which will enable her to give intelligent nursing care and health supervision to maternity patients. Staff
332. MATERNITY NURSING EXPERIENCE Four hours
 The student participates under supervision in all three areas of service: labor and delivery, post partum, and newborn. Correlation of theory and practice in the management of pregnancy is accomplished, including field trips to pre-natal clinic. Experience 12 weeks. Staff
341. PRINCIPLES OF PEDIATRICS Three hours
 Study of the growth and development in the normal child as it relates to the care of the sick child. Staff

PHILOSOPHY

342. PEDIATRIC NURSING EXPERIENCE Four hours
Practical application of the principles taught in Nursing 341. Experience 12 weeks.
351. PRINCIPLES OF PSYCHIATRIC NURSING Three hours
Course taken at Oregon State Hospital through affiliation. A course given to assist the student to understand the role of the nurse in the treatment, care, and rehabilitation of patients with mental illness.
352. PSYCHIATRIC NURSING EXPERIENCE Four hours
Practical application of the principles taught in Nursing 351. Experience 12 weeks.
401. PROFESSIONAL ADJUSTMENTS AND SURVEY Three hours
OF THE FIELD
A course designed to acquaint the student with techniques of problem solving in the practice of professional nursing; to familiarize her with professional responsibilities and opportunities. Mrs. Morken
402. SEMINAR Two hours
Designed to introduce the student nurse to the vast field of research in nursing; to help her evaluate her fundamental concept of the social studies in relation to her professional field, and to broaden her understanding of her professional opportunities through research. Mrs. Morken and Staff
403. PRINCIPLES OF WARD RELATIONSHIPS Two hours
A course designed especially to acquaint the senior student nurse with some of the problems and techniques involved in management of the total patient care with special emphasis on teamwork and self-evaluation. Staff
420. PRINCIPLES AND PRACTICE OF ORTHOPEDIC NURSING Three hours
A course to help the student understand the needs of patients with musculo-skeletal injuries and diseases, and the prevention, correction, and rehabilitation involved. Experience of six weeks is correlated with theory in a segregated service. Clinics and conferences weekly. Staff
428. ADVANCED CLINICAL EXPERIENCE Two hours
During her last quarter in the clinical area the student is given the opportunity to have additional experience in the field where she has her greatest need with additional opportunity to practice the technique of team management. Staff

PHILOSOPHY

Mr. Pflueger, Mr. Kuethe

Major: 24 credit hours, including Philosophy 201, 221, 301, 302. (Political Science 311, Sociology 412, and History 333, 334, 337, 338 are recommended as supporting courses.)

Minor: 15 credit hours.

PHILOSOPHY

Course 201 is to be regarded as an introduction to all philosophy offerings. Course 201, or 301-302, or 312 satisfies the philosophy requirements for the Bachelor of Arts degree. Courses 201, 312, and 352 are recommended for religion majors and for pre-seminary students not majoring in philosophy.

201. INTRODUCTION TO PHILOSOPHY Three hours
 The scope and meaning of philosophy, discussion of fundamental problems, such as mind and matter, knowledge, cause and purpose. Lectures, readings, reports. Mr. Pflueger, Mr. Kuethe
221. LOGIC
 See Speech 221.
- 301, 302. HISTORY OF PHILOSOPHY Three hours per semester
 The first semester will cover Greek, Roman and medieval philosophy; the second semester, modern philosophy from Descartes to the present. Mr. Kuethe
312. ETHICS Three hours
 A summary of general, individual, and social ethics. Natural and divine sanction for acts of choice. Careful evaluation of the theories of ethical values. Mr. Pflueger
352. PHILOSOPHY OF RELIGION Two hours
 The evidence for belief in God; the discussion between science and religion. Valuable for science majors. Open to juniors and seniors without prerequisite. Offered 1958-59 and alternate years. Mr. Kuethe
414. AESTHETICS Three hours
 Theories and principles of aesthetic value.
421. KIERKEGAARD Two hours
 An introduction to the existential approach. Prerequisite: Philosophy 201, 301, 302. Offered 1957-58 and alternate years.
426. AMERICAN PHILOSOPHY Two hours
 Leading schools of thought in America. Prerequisite: Philosophy 201, 301, 302. Offered 1957-58 and alternate years.
431. GERMAN IDEALISM Two hours
 A more detailed study of Kant through Hegel. Prerequisite: Philosophy 201, 301, 302. Offered 1958-59 and alternate years. Mr. Kuethe
436. PRAGMATISM AND REALISM Two hours
 The revolt against subjective idealism. Prerequisite: Philosophy 201, 301, 302. Offered 1958-59 and alternate years. Mr. Kuethe
442. ADVANCED LOGIC Three hours
 See Speech 442.
- 497, 498. INDEPENDENT STUDY Two hours per semester

PHYSICAL EDUCATION AND HEALTH

PHYSICAL EDUCATION AND HEALTH

Mr. Harshman, Mr. Salzman, Mrs. Young, Miss Moe

Major for Liberal Arts students: 26 credit hours including the following courses:

Men—Prerequisite: Biology 161, 162. Physical Education 210, 292, 312, 322, 341, 342, 345, 346, 363, 450, 497.

Women—Prerequisite: Biology 161, 162. Physical Education 210, 290, 292, 312, 322, 333, 341, 342, 345, 346, 450, 497.

Minor for Liberal Arts students: 15 credit hours including the following courses:

Men—Physical Education 210, 292, 312, 341, 345, 363.

Women—Physical Education 210, 292, 312, 333, 341, 345.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Physical Education should follow the course outline as listed in the section on Requirements for Degrees.

Health Education

- | | | |
|--|------------------|--------------|
| 210. HEALTH ESSENTIALS | Either semester. | Three hours |
| A general course in personal and community health. | | Mrs. Young |
| 292. FIRST AID | | Two hours |
| The Official Red Cross Standard Course in First Aid. | | Mrs. Young |
| 322. KINESIOLOGY | | Three hours |
| Analysis of body movements in relation to physical education activities and posture. Prerequisite: Biology 161, 162. | | Mr. Harshman |
| 465. SCHOOL HEALTH EDUCATION PROGRAM | | Two hours |
| Includes schoolroom construction, lighting, heating, sanitation, ventilation, selection and location of equipment, communicable diseases and medical inspection. | | Mr. Salzman |

Physical Education

- | | |
|--|-----------------------|
| 101, 102, 103, 104. ACTIVITIES (Women) | One hour per semester |
| Regular freshman and sophomore activity classes. Two periods per week. | |
| | Miss Moe |
| 105, 106, 205, 206. ADAPTED ACTIVITIES (Women) | One hour per semester |
| Activities to meet the needs of individual students who are not able to participate in the regular activities classes. Two periods per week. | |
| | Mrs. Young |

PHYSICAL EDUCATION AND HEALTH

- 107, 108, 109, 110. ACTIVITIES (Men) One hour per semester
 Required freshman and sophomore activity classes. Two periods per week. Mr. Salzman
201. GOLF (Men and Women) One hour per semester
 Optional activity class for Sophomores. Clubs are furnished for class work. Students furnish their own balls. Students not owning golf clubs may rent clubs for field work. Miss Moe, Mr. Salzman
202. BADMINTON AND TENNIS (Men and Women) One hour per semester
 Optional activity class for Sophomores. Students furnish their own balls and shuttlecocks. Racquets are provided for class work, but students must furnish racquets for field work. Miss Moe, Mr. Salzman
203. ARCHERY (Men and Women) One hour per semester
 Optional activity class for Sophomores. All equipment furnished. Mrs. Young
264. BOY SCOUT LEADERSHIP One hour
270. FOOTBALL Two hours
 Mr. Harshman
271. BASKETBALL Two hours
 Mr. Harshman
272. TRACK Two hours
 Mr. Salzman
273. BASEBALL Two hours
 Mr. Harshman
274. METHODS IN TEACHING TUMBLING (Men) Two hours
290. METHODS IN TEACHING INDIVIDUAL SPORTS (Women) Two hours
 Techniques and methods used in teaching tennis, golf, archery, badminton, and tumbling. Miss Moe
312. PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL Two hours
 Progressive series of games and athletic activities for the elementary grades. Required for men who plan to teach in the elementary school. Mrs. Young
333. METHODS IN TEACHING TEAM SPORTS (Women) Two hours
 Techniques and methods used in teaching soccer, basketball, volleyball and softball. Miss Moe
336. ATHLETIC TRAINING Two hours
 A course designed to aid the physical educator and coach in the prevention and treatment of athletic injuries. Especially valuable to the coach in the field. Mr. Harshman
341. METHODS IN FOLK GAMES Two hours
 Study of the methods and materials used in folk dancing. Mrs. Young

PHYSICS

342. PROBLEMS IN TEACHING RHYTHMICS Two hours
Prerequisite: P.E. 341. Mrs. Young
345. PRINCIPLES OF PHYSICAL EDUCATION Two hours
The place of health and physical education in the school program, aims, objectives, content of the program, and modern trends. Mr. Salzman
346. SCHOOL AND COMMUNITY RECREATION Two hours
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. Organization and administration in community recreation, including a study of the relation of public school and community recreation. Mr. Salzman
363. METHODS AND MATERIALS IN TEACHING SPORTS (Men) Two hours
A study of methods and techniques in teaching games and sports, exclusive of major sports. Mr. Salzman
450. THE SCHOOL PHYSICAL EDUCATION PROGRAM Two hours
Includes problems of organization and administration. Mr. Harshman
- S473. HISTORY OF PHYSICAL EDUCATION Two hours
- S493. PROBLEMS IN PHYSICAL EDUCATION Three hours
Limited to those who have had teaching experience.
- 497, 498. MAJOR CONFERENCE Two hours
Prerequisite: Physical Education 363 (Men); or 290, 333 and 341 (Women). Staff

PHYSICS

Mr. Jordahl

Physics deals with the fundamental principles which explain natural phenomena. Therefore, a study of Physics is basic to all advanced work in natural science. Pre-engineers and pre-medical students, as well as chemistry and mathematics majors are required to have at least a year of college physics. The general physics course, Physics 261, 262, is designed to meet adequately the requirements in these fields.

A major in physics shall consist of at least 24 credit hours, and a minor shall consist of at least 15 credit hours. As supporting subjects for a major, one year of college chemistry and Mathematics 251, 252 are required.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Physics, should follow the course outline as listed in the section on Requirements for Degrees.

POLITICAL SCIENCE

- 261, 262. GENERAL PHYSICS Five hours per semester
A course designed to give a firm foundation in physical principles and their application in the solution of problems. First semester: mechanics, heat, and sound; second semester: electricity, magnetism, and light. Four lecture recitations and one two-hour laboratory period per week. Prerequisite: Mathematics 101 or equivalent. Mr. Jordahl
311. MODERN PHYSICS Three hours
A course covering the important developments in the field of physics since 1895. Topics included are the isolation of the electron and the measurement of its charge, isotopes and mass spectrograph studies, radioactivity, simple theory of atomic structure, X-rays, and nuclear disintegration. Lectures and outside reading. Prerequisite: one year of college physics. Mr. Jordahl
315. HEAT Three hours
An intermediate course dealing with calorimetry, temperature measurement, methods of heat transfer, thermal properties of substances, and an introduction to thermodynamics. Two lecture and one three-hour laboratory period per week. Prerequisite: Physics 261, 262, Mathematics 251. Offered 1957-58.
316. LIGHT Three hours
General principles of geometrical and physical optics and study of optical instruments. Two lecture-recitations and one three-hour laboratory per week. Prerequisite: Physics 261, 262, Mathematics 251. Offered 1957-58.
342. MECHANICS Four hours
A course in engineering mechanics dealing with statics, dynamics, and kinetics. Prerequisite: Physics 261, 262, Mathematics 251. Mr. Jordahl
451. ELECTRICITY AND MAGNETISM Four hours
The fundamental phenomena and laws of magnetism, electrostatics, steady currents, electrolysis, electromagnetism and alternating currents. Three lectures and one three-hour laboratory period per week. Prerequisite: Physics 261, 262, Mathematics 251. Mr. Jordahl
456. ELECTRONICS Four hours
A study of the characteristics of vacuum tubes and their use in rectifiers, amplifiers and other electronic devices. Lectures and laboratory work. Prerequisite: Physics 451. Offered 1958-59. Mr. Jordahl
- 497, 498. INDEPENDENT STUDY One or two hours per semester
Prerequisite: consent of department head.

POLITICAL SCIENCE

Mr. Stampolis, Mr. Farmer

The study of political science trains the student in the exercise of his rights and duties as a citizen by giving him a better understanding of our democratic political processes and of conflicting political systems.

POLITICAL SCIENCE

A major in Political Science shall consist of a minimum of 24 credit hours including Political Science 101 or 301. A minor in Political Science shall consist of a minimum of 15 credit hours including Political Science 101 or 301.

A combined major in Political Science and History requires a minimum of thirty hours, at least twelve hours in a department and twelve or more hours in upper division courses. The following courses are required: Political Science 101 or 301 or 251 and 252; History 103, 104, 203, 204.

101. INTRODUCTION TO POLITICAL SCIENCE Three hours
This course deals with the scope and method and the vocabulary of political science, political behavior, and governmental organization. It is also designed to introduce the student to problems of political theory and to familiarize him with the comparative method of studying political institutions. Mr. Farmer
251. AMERICAN NATIONAL GOVERNMENT Three hours
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. Mr. Farmer
252. AMERICAN STATE GOVERNMENT Three hours
A comparative study of state government in the United States with special attention to the Pacific Northwest area. Mr. Farmer
282. COMPARATIVE GOVERNMENT Three hours
Comparison of contemporary governments as to political philosophy, constitutional basis and governmental structure and procedure. Mr. Stampolis
301. PRINCIPLES OF POLITICAL SCIENCE Three hours
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. Mr. Farmer
311. RECENT POLITICAL THOUGHT Three hours
A critical examination of the major political philosophies of the modern world. Socialistic doctrines, Communism, Fascism, Anarchy, Democracy. Contemporary problems. Mr. Stampolis
322. RECENT LABOR LEGISLATION Two Hours
See Economics and Business Administration 322.
331. INTERNATIONAL PROBLEMS Three hours
International cooperation, problems of defense; hemispheric solidarity and power politics, geo-politics and international economics. Mr. Stampolis
351. AMERICAN LOCAL GOVERNMENT Three hours
A comparative study of local government, urban and rural, in the United States with special attention to the Pacific Northwest area. Mr. Farmer

PSYCHOLOGY

360. POPULATION TRENDS Three hours
See Sociology 360.
361. AMERICAN POLITICAL PARTIES Three hours
Party history and organizations; nominations and elections; campaigns and conventions; electoral problems and administration; bossism in local politics; pressure groups; platforms. Offered Fall 1958 and alternate years. Mr. Farmer
432. COMPARATIVE POLITICAL SYSTEMS Three hours
Comparison of the organization and operation of the major types of contemporary political systems. Mr. Stampolis
434. GOVERNMENT AND BUSINESS Two hours
A study of the relationship of government and business in the United States with special attention to governmental regulation of business. Mr. Stampolis
457. PUBLIC ADMINISTRATION Three hours
The art and science of management applied to the affairs of state; nature of human behavior in organizations; administrative law and quasi-judicial practices; civil service; budget and fiscal control; centralization; coordination, integration in administrative areas. Prerequisite: Political Science 251.
471. ENGLISH CONSTITUTIONAL HISTORY Three hours
See History 471.
474. AMERICAN CONSTITUTIONAL HISTORY Three hours
See History 474.
- 497, 498. INDEPENDENT READING AND RESEARCH
One to two hours
Staff

PSYCHOLOGY

Mr. Solberg, Mr. Eklund, Miss Nelson

The study of psychology is designed to help students to understand themselves and others better, and to give them greater insight into the nature of personal and social problems. It is especially recommended to students who plan to enter fields related directly or indirectly to guidance and personnel work, social work, teaching, the ministry, parish work, medicine and nursing, business administration, etc.

Students desiring to obtain a major in psychology must have the approval of the department for the courses to be taken.

Major: 24 credit hours, including Psychology 101, 201, 301 (or 305 and 421), and 490.

Minor: 15 credit hours, including Psychology 101, 301 (or 305 and 421), and 321.

Psychology 101 is a prerequisite to all other courses in the department.

RELIGION

422. MENTAL HEALTH FOR TEACHERS Two hours
See Education 422.
441. STATISTICAL METHODS Three hours
Use and interpretation of elementary statistical techniques; graphic representation; measures of central tendency; simple correlation analysis, and sampling theory
Mr. Eklund
451. INDIVIDUAL MENTAL TESTING Two hours
An intensive study of the Stanford-Binet and the Wechsler-Bellevue intelligence scales. Enrollment limited. Prerequisite: consent of the instructor.
Mr. Landon
472. OCCUPATIONAL INFORMATION Two hours
See Education 472.
473. INTRODUCTION TO COUNSELING Two hours
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.
Mr. Solberg
477. FIELD WORK Two hours
Mr. Solberg
490. HISTORY OF PSYCHOLOGY Three hours
Historical background of modern theory and method. Special emphasis on the development of the various schools of psychology. Prerequisite: nine hours in psychology or consent of the instructor.
492. SEMINAR IN PSYCHOLOGY Two hours
Designed for department majors and others interested in special fields of psychology. Prerequisite: consent of instructor.
- 497, 498. INDEPENDENT STUDY One or two hours per semester
507. PSYCHOLOGY OF LEARNING Three hours
See Education 507.

RELIGION

Mr. Pflueger, Mr. Kuethe, Mr. Roe, Mr. Vigness, Miss Wickstrom

Pacific Lutheran College offers a curriculum designed to introduce the student to the primary sources of the Christian religion, its Bible, the history and teachings of Christianity through the centuries and their application to the problems of today. In addition to the basic courses required during the first two years of the student in residence, upper division courses furnish information and initial insights for those who contemplate devoting their lives to the special

RELIGION

callings of pastor, missionary, deaconess, parish worker, social worker or the more general activities in any Christian congregation.

A well-integrated program in any special field should be planned with faculty members of the department. Students are encouraged to seek advice as early in their college course as possible.

Major: 24 hours; minor: 15 hours.

Required for graduation: Courses 101, 112, 201, 202.

101. LIFE OF CHRIST Either semester. Two hours
The study of the life of Christ, with the four Gospels as textbook, supplemented by interpretative lectures and discussions.
Mr. Roe, Mr. Vigness
112. HISTORY OF THE CHRISTIAN CHURCH Either semester. Two hours
The growth of the Christian Church traced through persecutions and controversies; the rise of the papacy; the Reformation under Luther.
Mr. Vigness
201. THE BIBLE—OLD TESTAMENT Two hours
A study of the divine-human encounter portrayed in the Old Testament. Syllabus.
Mr. Pflueger, Mr. Kuethe
202. THE BIBLE—NEW TESTAMENT Two hours
A study of the divine-human encounter portrayed in the New Testament. Syllabus.
Mr. Pflueger, Mr. Kuethe
211. RELIGION AND HEALTH Two hours
A course aiming to acquaint the student with the basic teachings of the Christian faith, with emphasis on their relevance to health and on the Christian role of the nurse in the care of the sick.
222. PARISH WORK Two hours
A study of the place of the parish worker in the church, her problems, and particular phases of her work. Various field work opportunities are provided such as Sunday School visitation, hospital and shut-in visitation, survey work, preparing church bulletins. May be taken for upper division credit upon consent of instructor.
Miss Wickstrom
225. CHRISTIAN EDUCATION OF CHILDREN Three hours
A study of the characteristics, problems, and needs of children and the developing of the educational program for the pre-school and elementary age group in the church. Emphasis upon aims, methods, materials. Practice in story-telling. May be taken for upper division credit upon consent of instructor.
Miss Wickstrom
227. CHRISTIAN EDUCATION OF YOUTH Two hours
The nature and needs of youth as applied to Christian education for the purpose of developing an adequate program. A study of methods for promoting, leading, and teaching both in the Sunday School and Luther League. May be taken for upper division credit upon consent of instructor.
Miss Wickstrom

SCIENCE. (GENERAL)

301. BIBLE TRUTHS Two hours
Bible study methods as a means of discovering doctrinal truths. A consistently Biblical evaluation is sought. The student seeks to discover principal Biblical insights with which to illuminate fundamental questions of life. Offered 1957-58 and alternate years.
311. THE CHURCH TODAY Two hours
The challenge to religion of trends and problems in the twentieth century. The program of the Church to meet these problems. Offered 1956-57 and alternate years. Mr. Kuethe
331. COMPARATIVE RELIGION Two hours
The living religions of the world: Judaism, Islam, Buddhism, Taoism, Hinduism, Confucianism, compared with Christianity.
341. AMERICAN CHURCHES Two hours
The beginnings and doctrines of denominations and sects in America.
352. PHILOSOPHY OF RELIGION Two hours
See Philosophy 352.
362. MISSIONS Two hours
History of foreign missions. Problems and programs in various fields of service. Qualifications and preparation of missionary candidates.
410. THE PROPHETS Two hours
A study of Old Testament prophetic literature. Offered 1957-58 and alternate years.
424. THE REFORMATION Three hours
See History 424.
- 497, 498. INDIVIDUAL STUDY One or two hours per semester
Permission of the department is required.

SCIENCE (GENERAL)

Mr. Ostenson, Mr. Running

A major in general science may be obtained by taking two year's work in either biology, chemistry or physics and one year in each of two other sciences.

121. INTRODUCTION TO BIOLOGICAL SCIENCE Four hours
A survey course including a brief study of the plant kingdom and of the animal kingdom. Three lectures and one laboratory period per week. Mr. Ostenson
122. INTRODUCTION TO PHYSICAL SCIENCES Four hours
A survey of the fundamental principles in chemistry, physics, astronomy, climatology, and geology. Lectures and laboratory work. Mr. Running

SOCIOLOGY

- S136. DESCRIPTIVE ASTRONOMY Two hours
A descriptive course. Topics covered include the moon, the solar system, coordinate systems for locating stellar objects, characteristics of stars.
- S251. ENVIRONMENTAL STUDIES Two hours
A study of objects, forces, and conditions that will function for the elementary and intermediate grade teacher as material for nature study.

SOCIOLOGY

Mr. Knorr, Miss Nelson

Sociology studies the development, organization and behavior of human groups. Its general purpose is to explain uniformities and processes of human social behavior and the nature and relations of institutions; to stimulate a critical and constructive attitude toward programs of reform, and to furnish a sound basis of information for intelligent citizenship.

Major: 24 credit hours, including Sociology 101, 202, 255, 431 and either 320 or 412.

Minor: 15 credit hours, including Sociology 101, 202, and 255 or 431.

Sociology 101 is the prerequisite for all other courses in the department.

101. INTRODUCTION TO SOCIOLOGY

Either semester. Three hours

An inquiry into the basic principles for understanding social relationships. This course is designed to acquaint the student with the fundamental laws governing human relations. Problems of social structure, social processes and social motives will be considered.

Mr. Knorr, Miss Nelson

202. CONTEMPORARY SOCIAL PROBLEMS

Three hours

Problems of delinquency, suicide, crime, population, unemployment, public relief, poverty, public welfare, mental deficiency, family disorganization, and the like.

Miss Nelson

255. HUMAN ECOLOGY

Three hours

Factors and forces which determine the distribution of people and institutions.

Miss Nelson

301. SOCIAL LEGISLATION

Two hours

Historical and critical analysis of social legislation in Europe and America, with special emphasis upon social legislation in the United States and in the State of Washington.

S308. JUVENILE DELINQUENCY

Three hours

311. THE CHURCH TODAY

Two hours

See Religion 311.

SOCIOLOGY

315. PUBLIC OPINION Two hours
 An analysis of public opinion and propaganda from the point of view of modern social science.
316. URBAN SOCIOLOGY Three hours
 Organization and activity of urban groups, with special reference to social, economic and other institutional problems. Miss Nelson
320. SOCIAL PSYCHOLOGY Three hours
 See Psychology 320.
321. LABOR PROBLEMS Three hours
 See EBA 321.
322. RECENT LABOR LEGISLATION Two hours
 See EBA 322.
332. MODERN MARRIAGE Two hours
 A practical inquiry into the forces influencing modern courtship and marriage, with emphasis on human experience rather than statistical presentations. Mr. Knorr
341. RACE RELATIONS Three hours
 A study of inter-racial contacts and conflicts, with emphasis on American racial problems. Mr. Knorr
356. RURAL SOCIOLOGY Three hours
 The rural life movement with special reference to group organization, rural social organizations and indications of change. Miss Nelson
360. POPULATION TRENDS Three hours
 The consideration of major quantitative and qualitative problems of population in contemporary society.
406. CRIMINOLOGY Three hours
 The nature of the social problem of crime, the criminal law and its administration, and the penal treatment of the criminal. Mr. Knorr
407. EDUCATIONAL SOCIOLOGY Two hours
 A systematic view of significant sociological data and principles applicable to education policies and practices.
412. HISTORY OF SOCIAL THOUGHT Four hours
 An evaluation of the forces causing social change, with some historical background for present day social thought and trends. Mr. Knorr
421. PERSONNEL MANAGEMENT Three hours
 See EBA 421.

SPANISH

422. COLLECTIVE BARGAINING Three hours
See EBA 422.
431. THE FAMILY Three hours
The changing home; the study of the family and familial customs; family interaction and organization; analysis and treatment of family disorganization. Mr. Knorr
435. FIELD OF SOCIAL WORK Three hours
A survey course of the principles and practices in the total field of social work, with a comprehensive picture of available services and future needs. Mr. Knorr
- 437, 438. FIELD WORK Two hours
A research project in the chosen field of the student's interest. It may consist of a study of some specific social problem, a study of a social institution or supervised field work with some local agency. Weekly consultation with instructor and a semester report. Mr. Knorr
441. STATISTICAL METHODS Three hours
See Psychology 441.
445. SOCIAL CONTROL Three hours
Analysis of the technique and process by which social changes in individual and collective action are affected.
450. CONTEMPORARY SOCIAL INSTITUTIONS Three hours
The origins and developments of major American social institutions and related institutional patterns.
- 497, 498. INDEPENDENT STUDY One to three hours
Open to students majoring in sociology. Permission of the department is required.
510. GRADUATE SEMINAR One to three hours
Permission of the department is required.

SPANISH

- 101, 102. ELEMENTARY SPANISH Four hours per semester
Pronunciation; fundamentals of grammar; oral and written work; reading of easy texts; outside reading.
- 203, 204. INTERMEDIATE SPANISH Three hours per semester
Review of grammar; exercises in composition; reading of Spanish-American authors; outside reading.

SPEECH

Mr. Karl, Mr. Elberson, Mr. Ericson, Mr. Nordholm

The Department of Speech embraces three sections: Public Address, Drama, Radio. A major in the department requires courses in all sections with emphasis in the particular section according to the student's election.

Speech delivery techniques, contents of speeches, as well as platform proficiency, are the points of main concentration the first two years.

Speech major: 24 credit hours. Required courses: Speech 101, 250, and 9 hours chosen from 104, 222, 256, 270, or 308. All students majoring in the field will participate in some phase of dramatics and forensics.

Speech minor: 15 credit hours. Required courses: Speech 101, 250, and 9 hours chosen from 104, 222, 256, 270, 308, 352, 353, or 356.

Drama major: 27 credit hours. Required courses: Speech 250, 256 and English 233 and 15 hours from the following: Speech 350, 352, 353, 356, English 357, 358, 383, 384 or 442. Selection of courses with approval of the major adviser, dependent on student's interest in technical or performing drama.

Drama minor: 15 credit hours. Required courses: Speech 101, 250, 256, and English 233 and 3 hours or more from the following: Speech 350, 352, 353, 356, English 357, 358, 383, 384, 442.

Candidates for the Bachelor of Arts in Education degree who are planning to concentrate in the field of Speech, should follow the course outline as listed in the section on Requirements for Degrees.

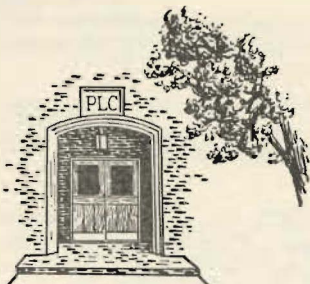
101. FUNDAMENTALS OF SPEECH Either semester. Three hours
Foundation course dealing with basic elements of the speech situations, including the visible and audible approaches. Some concentration on content. Extensive platform work.
Mr. Karl, Mr. Ericson, Mr. Nordholm
104. FUNDAMENTALS OF SPEECH STRUCTURE Either semester. Three hours
Technique, composition and delivery of speeches for various occasions. Group and individual projects. Major portion is platform work. Prerequisite: Speech 101.
Mr. Elberson, Mr. Ericson
106. BUSINESS AND PROFESSIONAL SPEECH Two hours
Platform techniques, voice adjustment, speech construction. Application made to practical speech situations for professions and businesses represented in the class. Platform work predominates. Mr. Ericson
206. PARLIAMENTARY LAW Two hours
Study of Parliamentary Law based upon Robert's Rules of Order. Practical work dominates. Designed primarily to aid those who do or will belong to organizations.
Mr. Karl

SPEECH

222. LOGIC Three hours
The study of the theory and practical application of deductive logic.
Not open to freshmen. Mr. Ericson
250. INTERPRETATIVE READING Three hours
An introduction to the art of interpretative reading. Emphasis given
to developing logical and emotional responsiveness to literature.
Mr. Elberson
256. FUNDAMENTALS OF ACTING Three hours
Training of the actor with emphasis upon movement, emotional recall,
and responding to imaginary stimuli. Lecture and performance.
270. RADIO SPEAKING Three hours
Microphone technique and styles of delivery for radio programs.
Extensive use of recording equipment. Prerequisite: Speech 101.
Mr. Elberson
280. FORENSICS Two hours
Two credits given upon completion of two years of participation in
intercollegiate forensic activities. May be applied toward minor
or major.
308. EXTEMPORE SPEAKING Three hours
Platform work predominates. Special emphasis given to the study of
gathering material, methods of preparation, and delivery. Prere-
quisite: Speech 101 and 104. Mr. Karl
350. ADVANCED INTERPRETATIVE READING Three hours
Special projects and class exercises directed toward program planning.
Development of skill and communicativeness in reading aloud. Devel-
opment of the art of making literature live. Prerequisite: Speech 250.
Mr. Karl
352. STAGE SCENERY AND COSTUME Three hours
The design and execution of scenery and costumes for stage produc-
tions, including the training of stage personnel. Open to speech majors
and minors or by permission of the department.
353. STAGE LIGHTING AND MAKE UP Three hours
Theory and practice of stage lighting and make up. Open to speech
majors and minors or by permission of the department. Mr. Nordholm
356. PLAY DIRECTION Three hours
Principles of play direction, theory, exercises and production of com-
plete one-act play. For speech majors and minors or by permission
of the department. Mr. Elberson
370. RADIO PRODUCTION Three hours
Direction and production of radio programs with extensive use of
radio equipment. Lecture and workshop. For speech majors or minors
or by permission of the department.
422. ADVANCED LOGIC Three hours
A review of the deductive forms and processes, and a study of induc-
tive reasoning. Prerequisite: Speech 222.

SPEECH

430. SPEECH PATHOLOGY Three hours
 A study of speech difficulties, with emphasis on identification and cause. Limited to speech majors or to other persons by permission of the department. Given alternate years.
434. VOICE SCIENCE Three hours
 The physiological, anatomical, and physical basis of speech and hearing. Prerequisite: Speech 430.
- 440h. SPEECH IN THE SECONDARY SCHOOL Two hours
 Curriculum construction, speech philosophy for the teacher. Co-curricular activity. Administration of drama, radio and forensic activities.
442. SPEECH FOR THE CLASSROOM TEACHER Two hours
 A survey of speech problems and opportunities which confront the teacher in the classroom. Staff
- S461. CHILDREN'S THEATRE WORKSHOP Four hours
 The children's workshop will consist of 5 weeks of intensive work in Children's Theatre. A complete three-act play, or equivalent, will be produced in that time. The students will be involved in direction, stage management, lighting, and all other phases of production.
- S462. SUMMER DRAMA WORKSHOP First term, five hours
 The summer drama workshop will consist of five weeks of intensive work in drama. Acting, stage management, lighting instruction, and all other phases of production.
480. FORENSICS Two hours
 Participation for two years in senior division of inter-collegiate forensics. May be applied toward major. Mr. Karl
497. SPECIAL STUDIES IN SPEECH One hour
 Individual projects and special outside activities under the supervision of the department. Entrance upon approval of the department.
498. SPECIAL STUDIES IN SPEECH Two hours
 Individual projects and special outside activities under the supervision of the department. Entrance upon approval of the department. Mr. Karl
499. SPECIAL STUDIES IN SPEECH Three hours
 Individual projects and special outside activities under the supervision of the department. Entrance upon approval of the department. Mr. Karl
527. RESEARCH IN SPEECH One hour
 Individual projects and special outside activities under the supervision of the department. Entrance upon approval of the department.
528. RESEARCH IN SPEECH Two hours
 Individual projects and special outside activities under the supervision of the department. Entrance upon approval of the department.
529. RESEARCH IN SPEECH Three hours
 Individual projects and special outside activities under the supervision of the department. Entrance upon approval of the department.



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Director of Foods	FLORENCE A. QUAST

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Housefather	C. K. MALMIN
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1956-57

SETH CLARENCE EASTVOLD

President

Graduate, Jewell Lutheran College, 1913; A. B., St. Olaf College, 1916; Cand. Theol., Luther Seminary, 1920; B. D. 1924, S. T. M. 1926, Th. D. 1931, Augustana Theological Seminary. At Pacific Lutheran College since 1943.

* * *

ELVIN MARTIN AKRE

Associate Professor of History

B. A., Concordia College, 1928; graduate work, North Dakota State College, summer 1930; Concordia Conservatory of Music, summers 1930, 1931; University of Minnesota, summers 1935, 1936; M. A., University of Washington, 1941; graduate work, *ibid.*, 1943-44, summer 1947 and 1947-48; University of Oslo, 1954; Oxford University, summer 1955. At Pacific Lutheran College since 1937.

HERBERT MELVIN AXFORD

Assistant Professor of Economics and Business Administration

B. Com., University of Manitoba, 1941; M. Com., University of Manitoba, 1947; graduate work, University of Wisconsin, 1947-1951. At Pacific Lutheran College since 1954.

ELSIE MARIE BERGE

Instructor in Economics and Business Administration

B. A., Concordia College, 1944; Katharine Gibbs School, New York, 1944-45; Columbia University, summer 1950. At Pacific Lutheran College from 1948-1952 and first semester, 1956-57.

GRACE ELEANOR BLOMQUIST

Associate Professor of English

B. A., Concordia College, 1934; M. A., Syracuse University, 1939; graduate work, University of Minnesota, summer 1948; Goethe University, summer 1955. At Pacific Lutheran College since 1939.

VERNON C. CARLSON

Associate Professor of Education and English

B. A., Wittenberg College, 1928; Ph. D., Johns Hopkins University, 1947. At Pacific Lutheran College since 1955.

ELNORA EMILY CHESTERMAN

Instructor in English

B. A., University of Colorado, 1927; M. A., University of Washington, 1955. At Pacific Lutheran College since January, 1955.

ELLEN KAROLYN CHRISTENSEN

Instructor in Music

B. A. in Music, University of Washington, 1953; M. A. in Music, University of Washington, 1955. At Pacific Lutheran College since 1955.

OSCAR KIRK DIZMANG

Assistant Professor of Economics and Business Administration

B. S., Kansas State College, 1927; M. A., University of Chicago, 1929; graduate work, University of Chicago, summers 1930-34 and 1941. At Pacific Lutheran College since 1955.

FACULTY

LESLIE OLIVER EKLUND

Dean of Men and Assistant Professor of Psychology
B. S., University of Nebraska, 1942; M. A., University of Nebraska,
1944. At Pacific Lutheran College since 1946.

STANLEY DENTON ELBERSON

Instructor in Speech
B. A., Pacific Lutheran College, 1951; B. Ed., Pacific Lutheran College,
1953; graduate work, Stanford University, summer 1953; University
of Utah, 1954, 1955. At Pacific Lutheran College since 1953.

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Instructor in Speech
B. A. in Ed., Pacific Lutheran College, 1952; M. A., Stanford Univer-
sity, 1953. At Pacific Lutheran College since 1954.

DONALD RAYMOND FARMER

Assistant Professor of Political Science
B. E. in Ed., University of Minnesota, 1943; Ph. D., University of
Minnesota, 1954; graduate work, University of Minnesota, 1955;
foreign study seminar year in Europe, 1948-49. At Pacific Lutheran
College since 1955.

CARL GUSTAV FAULK

Manager of the Bookstore. Instructor in Economics and Business
Administration
B. S., College of Puget Sound, 1936; graduate work, College of Puget
Sound, 1936-1937, 1940-1941. At Pacific Lutheran College since 1954.

LEE FORD

Associate Professor of Biology
B. A., Wittenberg College, 1947; M. S., University of Minnesota, 1949;
Ph. D., Iowa State College, 1952. At Pacific Lutheran College since
1956.

R. BYARD FRITTS

Assistant Professor of Music
B. M., Wittenberg College, 1948; M. Mus., Eastman School of Music,
University of Rochester, 1949; graduate work, University of Washing-
ton, summer 1951; Eastman School of Music, 1955-56. At Pacific
Lutheran College since 1949.

JOHN EDWARD GAINES

Instructor in Industrial Arts
B. A., University of Washington, 1939; Petroleum Engineering Degree,
Colorado School of Mines, 1947. At Pacific Lutheran College since
1956.

GORDON OLIVER GILBERTSON

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B. A., Concordia College, 1937; M. M., Northwestern University, 1942.
At Pacific Lutheran College since 1954.

ARNOLD JASPER HAGEN

Assistant Professor of Education
B. A., Concordia College, 1931; M. Ed., University of Montana, 1941;
D. Ed., University of Oregon, 1955. At Pacific Lutheran College since
1955.

FACULTY

FRANK HAMILTON HALEY

Acting Librarian
B. A., Willamette University, 1935; B. D., Drew University, 1945, graduate work there 1946, 1948; graduate work, University of Zurich, 1947; University of Cambridge, 1947; A.B.L.S., University of Washington, 1950. At Pacific Lutheran College since 1951.

MARVEL KEITH HARSHMAN

Coach of Football, Basketball, and Baseball and
Assistant Professor of Physical Education
B. A., Pacific Lutheran College, 1942; graduate work, University of Washington, 1946, and summers 1948, 1949. At Pacific Lutheran College since 1945.

PHILIP ENOCH HAUGE

Dean of the College, Registrar
B. A., St. Olaf College, 1920; M. A., University of Washington, 1924; graduate work, University of Chicago, summer 1933; Ph. D., University of Washington, 1942. At Pacific Lutheran College since 1920.

LUCILLE MARGUERITE JOHNSON

Assistant Professor of English
B. A., Concordia College, 1940; M. A., Washington State College, 1943; graduate work, MacPhail School of Music and Drama, 1944; University of Colorado, 1945; University of Washington, 1947, 1955; University of Oslo, 1948. At Pacific Lutheran College since 1953.

OLAF MELVIN JORDAHL

Professor of Physics, Mathematics
A. B., Luther College, 1925; M. S., University of Pittsburgh, 1927; Ph. D., University of Wisconsin, 1933. At Pacific Lutheran College since 1940.

THEODORE OSCAR HENRY KARL

Professor of Speech
B. A., Gustavus Adolphus, 1934; M. A., Gustavus Adolphus, 1936; graduate work, University of Southern California, summer 1951; Stanford University, summers 1952, 1953. At Pacific Lutheran College 1940-1942 and since 1948.

LARS EVERETT KITTLESON

Instructor in Art
B. S. in Art Educ., Milwaukee State Teachers College, 1950; M. S. in Applied Arts, University of Wisconsin, 1951; M. F. A. in Painting, University of Southern California, 1955. At Pacific Lutheran College since 1956.

RAYMOND A. KLOPSCH

Assistant Professor of English
B. S., Illinois Institute of Technology, 1949; M. A., University of Illinois, 1950; graduate work, University of Illinois, 1950-1953. At Pacific Lutheran College since 1953.

ERICH CARL KNORR

Professor of Sociology
Graduate, St. Paul Luther College, 1921; Cand. Theol., St. Paul Luther Seminary, 1924; B. A., Washington State College, 1929; M. A., Washington State College, 1930; Ph. D., University of Washington, 1946. At Pacific Lutheran College since 1949.

FACULTY

ANNE ELISE KNUDSON

Associate Professor of English
B. A., Augustana College, 1928; M. A., State College of Washington, 1936; University of Washington, summer 1938; State College of Washington, summers 1940, 1941; University of California, summer 1946; University of London, summers 1949, 1955. At Pacific Lutheran College since 1946.

JOHN GEORGE KUETHE

Associate Professor of Religion, Philosophy
A. B., Capital University, 1940; B. D., Capital University, 1943; S. T. M., Union Theological Seminary, 1947; graduate work, Union Theological Seminary, 1943-1944; graduate work, Columbia University, summer 1946; graduate work, Union Theological Seminary, 1946-1947, summer 1947. At Pacific Lutheran College since 1954.

OTILIE ELISE LITTLE

Professor of German, French
Western-Illinois State Teachers College, 2 year diploma, 1916; A. B., University of Illinois, 1923; M. A., University of Washington, 1926; graduate work, University of Chicago, summers 1917, 1918; Ph. D., Hanseatic University, Hamburg, Germany, 1937. At Pacific Lutheran College, 1946 to 1951, and since 1952.

EUGENE ALFRED MAIER

Assistant Professor of Mathematics
B. A., University of Oregon, 1950; M. A., University of Oregon, 1951; Ph. D., University of Oregon, 1954; graduate work, Princeton University, 1951-52. At Pacific Lutheran College since 1955.

GUNNAR JOHANNES MALMIN

Director of Choral Music and Professor of Music
B. A., Luther College, 1923; study abroad, 1923-24; B. M., St. Olaf College, 1925; graduate work, University of Minnesota, summer 1925; Northwestern University, first semester, 1927; M. Mus., University of Michigan, 1940. At Pacific Lutheran College since 1937.

RUTH VIRGINIA MOE

Instructor of Physical Education
B. A., Pacific Lutheran College, 1953; summer study at College of Puget Sound, 1954; graduate work, University of Washington, summer 1956. At Pacific Lutheran College since 1955.

INEZ E. MOORE

Instructor in Economics and Business Administration
B. A., University of North Dakota, 1915; graduate work, University of California, summer 1923; University of Washington 1932, 1946. At Pacific Lutheran College since January, 1957.

ELINE KRAABEL MORKEN

Director of Nursing and Assistant Professor of Nursing
B. A., St. Olaf College, 1928; R. N. Emanuel Hospital School of Nursing, 1931; graduate work, University of Chicago, 1937; Gonzaga University, 1943; University of Washington, 1947; Eau Claire State Teachers College, 1949. At Pacific Lutheran College since 1953.

ANN CAROLYN NELSON

Assistant Professor of Sociology, Psychology
B. A., University of Wyoming, 1950; M. A., University of Wyoming, 1952; graduate work, University of Oregon, 1953-1954. At Pacific Lutheran College since 1954.

FACULTY

MILTON LUTHER NESVIG

Assistant Professor of English

B. A., St. Olaf College, 1937; Cand. Theol., Luther Theological Seminary, 1942; M. A., University of Minnesota, 1947. At Pacific Lutheran College, 1947-51 and since 1953.

FREDERICK LAURENCE NEWNHAM

Associate Professor of Music

Graduate, Royal Academy of Music, London, 1925; Teacher's Training Certificate, University of London, 1925; Associate, Royal College of Music, London, 1928; Licentiate, Royal Academy of Music, London, 1929; Associate, Royal Academy of Music, London, 1934; graduate work, McGill University, 1943-44. At Pacific Lutheran College since 1950.

ANNA MARN NIELSEN

Director of Teacher Education and Professor of Education

B. A., Iowa State Teachers College, 1929; M. A., Columbia University, 1935; graduate work, University of Washington, summers 1937, 1938, 1939. At Pacific Lutheran College since 1939.

MAGNUS NODTVEDT

Professor of History

B. A., St. Olaf College, 1917; A. M., Columbia University, 1920; Th. B., Luther Theological Seminary, 1925; Th. M., Princeton Theological Seminary, 1928; Ph. D., University of Chicago, 1950. At Pacific Lutheran College since 1947.

ERIC NORDHOLM

Instructor of Speech

B. F. A., Art Institute of Chicago, 1951; Valparaiso University, summer 1947; Indiana University, 1952-53. At Pacific Lutheran College since 1955.

DONALD LOU NOTHSTEIN

Assistant Professor of Biology

B. A., Pacific Lutheran College, 1950; M. D., University of Washington, Medical School, 1954. At Pacific Lutheran College since 1956.

ROBERT CARL OLSEN

Professor of Chemistry

B. S., Michigan State College, 1931; Ph. D., 1936. At Pacific Lutheran College since 1947.

ROY EDWIN OLSON

Director of Public Relations

Jewell Lutheran College, 1920; Ellsworth College, summer 1921; Cand. Theol., Luther Theological Seminary, 1929. At Pacific Lutheran College since 1951.

BURTON THOMAS OSTENSON

Professor of Biology

B. A., Luther College, 1932; M. S., University of Michigan, 1934; Ph. D., University of Michigan, 1947. At Pacific Lutheran College since 1947.

FACULTY

ARNE KENNETH PEDERSON

Instructor in Education

B. A., Pacific Lutheran College, 1949; B. E., Pacific Lutheran College, 1953; M. A., Pacific Lutheran College, 1955. At Pacific Lutheran College since 1956.

JESSE PHILIP PFLUEGER

Professor of Religion, Philosophy

B. A., Capital University, 1907; B. S., Capital University, 1910; Cand. Theol., Capital University, 1910; graduate of Tropical Medicine Course, Tulane University, 1914; graduate work, Leipsic University, 1915; University of Washington, summer, 1931; D. D., Capital University, 1942; L. H. D., St. Olaf College, 1956. At Pacific Lutheran College since 1930.

FLORENCE A. QUAST

Director of Foods and Assistant Professor of Home Economics

B. S., University of Washington, 1919; M. S., University of Washington, 1931. At Pacific Lutheran College since 1955.

ANDERS WILLIAM RAMSTAD

Professor of Chemistry

B. A., St. Olaf College, 1914; Cand. Theol., Luther Theological Seminary, 1918; M. S., University of Washington, 1936; special work, University of Washington, summer 1940. At Pacific Lutheran College since 1925.

HERBERT ROBERT RANSON

Professor of English

B. A., University of Kansas, 1924; M. A., University of Kansas, 1926; Ph. D., University of Washington, 1936. At Pacific Lutheran College since 1940.

KELMER NELSON ROE

Associate Professor of Religion, Greek

B. A., Luther College, 1925; B. Th., Luther Theological Seminary, 1928; M. Th., Princeton Theological Seminary, 1929. At Pacific Lutheran College since 1947.

GEORGE ROSKOS

Associate Professor of Art

B. S. Art Ed., Youngstown College, 1949; M. A., Iowa University, 1950. At Pacific Lutheran College since 1950.

JUNET E. RUNBECK

Assistant Professor of Education

Graduate, Pacific Lutheran College, Normal Department, 1935; B. A., College of Puget Sound, 1951; graduate work, Stanford University, summers of 1954, 1955, 1956. At Pacific Lutheran College since 1953.

JOSEF EMIL RUNNING

Assistant Professor of Mathematics

B. A., St. Olaf College, 1916; M. A., University of Minnesota, 1941. At Pacific Lutheran College since 1948.

H. MARK SALZMAN

Assistant Professor of Physical Education and Coach of Track

B. A., Carthage College, 1947; graduate work, Bowling Green State Teachers University, 1943-44; Northern Illinois State Teachers College, 1947; George Williams College, 1948; M. A., University of Iowa, 1951. At Pacific Lutheran College since 1951.

FACULTY

WALTER CHARLES SCHNACKENBERG

Associate Professor of History, Political Science

B. A., St. Olaf College, 1939; M. A., Gonzaga University, 1947; Ph. D., Washington State College, 1950. At Pacific Lutheran College 1942-44 and since 1952.

THEODORE CAROL SJODING

Director of Secondary Education and Professor of Education

B. A., University of Saskatchewan, 1933; M. A., University of Minnesota, 1944; Ph. D., University of Minnesota, 1951. At Pacific Lutheran College since 1951.

KRISTEN B. SOLBERG

Associate Professor of Psychology, Education

B. A., Augustana College, 1942; Ed. M., University of South Dakota, 1950; Ed. D., University of Wyoming, 1953. At Pacific Lutheran College since 1953.

ANTHONY STAMPOLIS

Professor of Political Science and Economics and Business Administration

A. B., University of Michigan, 1942; M. P.A., Harvard University, 1944; Ph. D., Harvard University, 1950. At Pacific Lutheran College since 1953.

WILLIAM LEONARD STRUNK

Professor of Biology

B. A., University of Minnesota, 1923; M. S., University of Minnesota, 1925; D. Sc., University of Michigan, 1931; special work, Oxford University, 1943. At Pacific Lutheran College since 1948.

TRYGVE O. SVARE

Assistant Professor of Latin and Norwegian

B. A., Concordia College, 1917; Cand. Theol., Luther Theological Seminary, 1921; M. A., University of Washington, 1947; graduate work, University of Washington, 1948-49. At Pacific Lutheran College 1949 to January 1, 1957.

KARL ERWIN WEISS

Director of Instrumental Music and Professor of Music

B. M., Eastman School of Music, 1927; piano, Josef Pembauer, Munich, Germany, 1929-30. At Pacific Lutheran College since 1941.

MARGARET D. WICKSTROM

Dean of Women and Assistant Professor of Religion

A. B., Augustana College, 1937, graduate work there summer 1937; University of Wisconsin, summer 1939; Lutheran Bible Institute, 1948; M. R. E., The Biblical Seminary of New York, 1951. At Pacific Lutheran College since 1951.

RHODA HOKENSTAD YOUNG

Assistant Professor of Physical Education

Graduate, Pacific Lutheran College, 1935; B. A., University of Washington, 1937; M. S., University of Washington, 1956. At Pacific Lutheran College, 1938-42, and since April, 1943.

FACULTY

ASSISTANTS, ASSOCIATES AND LECTURERS

HENRY J. BERTNESS

B. A., Augsburg College, 1947; M. A., University of Minnesota, 1948; Ph. D., University of Minnesota, 1955. Assistant in Psychology. At Pacific Lutheran College since 1956.

TRYGVE I. BLIX

B. A., Washington State College, 1935; M. A., Washington State College, 1944. Assistant in Education. At Pacific Lutheran College, summer 1956.

EVELYN BUCKLEY

B. A., 1944; M. Ed., University of Washington, 1955. Assistant in Education. At Pacific Lutheran College, summer 1956.

BEVERLY F. DAVENPORT

B. A., University of California at Los Angeles, 1945; Ph. D., University of Southern California, 1952. Assistant in Psychology. At Pacific Lutheran College fall semester, 1956.

LORE M. DORMER

A. B., A. M., inclusive, University of Tuebingen, Germany, 1946-1953; graduate seminars toward Ph. D., University of Tuebingen, 1954-1955. Assistant in German. At Pacific Lutheran College since 1956.

MORRIS EVERETT FORD

B. A., College of Puget Sound, 1932; graduate work, College of Puget Sound, 1933-34, 1937-39. Assistant in Education. At Pacific Lutheran College, summers 1946, 1947, 1948, 1949 and 1956.

LILLIAN KING GIBSON

B. A., University of Iowa, 1924; M. A., University of Washington, 1928; graduate work, University of Southern California, 1931; University of Washington, 1934; University of Oregon, 1935; College of Puget Sound 1949, 1955. Assistant in Education. At Pacific Lutheran College spring semester 1957.

HAROLD F. GRAY

B. A., Pacific Lutheran College, 1944; B. Ed., College of Puget Sound, 1946; graduate work, University of Washington, summer 1947; M. A., College of Puget Sound, 1950. Assistant in Education. At Pacific Lutheran College, summers 1951, 1952, 1954, 1955, 1956.

BENJAMIN G. HANSON

B. S. in Law, L. L. B., University of Washington, 1953. Assistant in Economics and Business Administration. At Pacific Lutheran College since 1956.

DORIS HUBNER

B. A., College of Puget Sound; graduate work, College of Puget Sound. Assistant in Education. At Pacific Lutheran College, summers 1952, 1956.

MARGARET A. KEHLBEK

B. A., Western Washington College of Education, 1948; M. A., Central Washington College of Education, 1956. Assistant in Education. At Pacific Lutheran College since 1956.

HAROLD J. LERAAS

A. B., Luther College, 1930; M. S., University of Michigan, 1932; Ph. D., University of Michigan, 1935; D. D. S., University of Michigan, 1946. At Pacific Lutheran College, 1935-42, and 1955-56, and lecturer in Biology since January, 1947.

FACULTY

PERRY LONDON

B. A., Yeshiva College, 1952; M. A., Teachers College, Columbia University, 1953; Ph. D., Teachers College, Columbia University, 1956. Assistant in Psychology. At Pacific Lutheran College, spring semester 1957.

CORNELIUS K. MALMIN

B. A., St. Olaf College, 1915; Cand. Theol., Red Wing Theological Seminary, 1917. Instructor in Norwegian. At Pacific Lutheran College since 1956.

MELVIN SEVERIN MONSON

B. S., Illinois State Normal University, 1928; M. A., Northwestern University, 1934; Ed. D., Colorado State College of Education, 1944. Lecturer in Education. At Pacific Lutheran College 1949-1951 and summers 1954, 1956.

BERTRUM O. MYHRE

B. A., Pacific Lutheran College, 1945; B. S., University of Washington, 1941; M. Ed., College of Puget Sound, 1952. Assistant in Education. At Pacific Lutheran College, summer 1956.

CLIFFORD ORIN OLSON

B. A., Luther College, 1927; Summer Coaching School, Bemidji, Minnesota, 1929; State College of Washington, summer 1930; University of Washington, 1931; Luther College Coaching School, Decorah, Iowa, 1933. At Pacific Lutheran College, 1929-46, and associate in Public Relations since 1948.

ANNE E. ORLUCK

B. A., University of Washington, 1952; M. A., University of Washington, 1954. Assistant in Education. At Pacific Lutheran College, summer 1956.

IRMA L. PAINE

B. A., Western Washington College of Education, 1946; M. E., Western Washington College of Education, 1953. Assistant in Education. At Pacific Lutheran College since 1952.

ERMA COFFMAN BLETHEN PARKER

B. A., College of Puget Sound, 1927; M. A., Ohio State University, 1929; graduate work (part-time), New York School of Social Work, Columbia University, 1930-1940. Assistant in Education. At Pacific Lutheran College, 1954-1955 and summer 1956.

HELEN POLLARD

B. A., Eastern Washington College of Education; B. Ed., University of Washington. Assistant in Education. At Pacific Lutheran College summers 1955, 1956.

RICHARD ROSENTHAL

B. A., Centenary College, 1949; B. H. L. and M. H. L., Hebrew Union College. Assistant in Hebrew. At Pacific Lutheran College since 1956.

HENRY SIEGL

Graduate, Curtis Institute of Music, Philadelphia; studied under Mme. Lea Luboshutz, Dr. Artur Rodzinski, Louis Bailly, Mme. Renee Longy and Emil Mylnarsky; Concert Master, Seattle Symphony Orchestra; Assistant in Violin at Pacific Lutheran College since 1956.

DOROTHY THORDARSON

B. S., Oregon State College of Education; B. A., University of Oregon; graduate work, University of California. Assistant in Education. At Pacific Lutheran College, summer 1956.

KATHERYN E. WHITE

B. A., Western Washington College of Education, 1942; M. A., Teachers College, Columbia University. Assistant in Education. At Pacific Lutheran College, summer 1956.

FACULTY

CLINICAL DIVISION

ASSOCIATE FACULTY—EMANUEL HOSPITAL

ESTHER A. JACOBSON

Assistant in Nursing Education
R. N., Fairview Hospital School of Nursing; B. A., Luther College, 1943;
extension work, University of Minnesota, 1943-1950.

LE'TOILE KRON McFADDEN

Assistant in Nursing Education
R. N., B. Sc. in N. Ed., College of Holy Names, 1943; M. N., University
of Washington, 1953.

HALVOR GEORGE RANDOLPH

Assistant in Religion
A. B., Upsala College, 1913; C. T. Augustana Seminary, 1918; grad-
uate work, Biblical Seminary, summer 1925; Wesley Memorial Hos-
pital, 1945; Institute of Pastoral Care, Boston, summer 1948.

ONALEE FROST

Assistant in Nursing Arts
R. N. Emanuel Hospital School of Nursing, 1949; B. S., University of
Oregon, 1955.

DOROTHEA C. HARDIN

Assistant in Nursing Education
R. N., Fort Wayne Lutheran Hospital School of Nursing; B. S., Univer-
sity of Michigan, 1943; graduate work, University of Oregon, 1948.

LORENE KNUTSON

Assistant Instructor in Operating Room
R. N., Emanuel Hospital, 1956.

DOROTHY MOIRA MANSELL

Assistant in Nursing Education
R. N., St. James Hospital School of Nursing; B. E. in N. Ed., St. Mary
College, 1946.

DOROTHEA MEAGHER

Assistant Therapeutic Dietitian
B. S., Washington State College, 1949.

LILA MUSTOLA

Instructor in Operating Room
R. N., Emanuel Hospital School of Nursing, 1946; additional work,
University of Oregon.

IRMA ROSE NEUBERT

Assistant in Nursing Education
R. N., Emanuel Hospital School of Nursing; additional work, Uni-
versity of Oregon, 1950.

ANNETTE CHILDRETH NEWMAN

Assistant in Nursing Arts
R. N., B. S., Lewis and Clark College, 1955; graduate work, University
of Oregon.

JUNE HOLSTROM PERRITTI

Assistant in Maternity Nursing

R. N. Emanuel Hospital School of Nursing, 1952; B. S., Cascade College, 1954; graduate work, University of Oregon.

BERNICE PETERSON

Assistant in Nursing Education

R. N., Swedish Covenant Hospital, Chicago; college work, University of Oregon.

DOROTHY D. RADEMACHER

Assistant in Nursing Education

R. N., Emanuel Hospital School of Nursing; B. S., Whitworth College, 1950.

CATHERINE NESS ROSENBERG

Assistant in Nursing Education

R. N., B. S., Lewis and Clark College, 1955.

ANNE M. ZARA

Assistant in Nursing Education

R. N., University of Iowa College of Nursing.

EMERITUS

PETER JEREMIAH BARDON

B. S., Valparaiso College, 1892; B. A., University of Washington, 1911; M. A., University of Washington, 1927; graduate work, University of Washington, summers 1930, 1931, 1932, 1933, 1934, 1935. At Pacific Lutheran Academy, 1912-17; at Pacific Lutheran College since 1929 (Emeritus 1938).

LORA BRADFORD KREIDLER

College work, Carleton College, 1890-91; University of Minnesota, 1891-92; art work, Minneapolis School of Art, 1895-98; College of Puget Sound, summer 1924; University of Washington, summers 1929, 1930. At Pacific Lutheran College since 1921, part time since 1940 (Emeritus 1943).

GEO RENEAU

Ph. B. University of Chicago, 1900; Ph. M., University of Chicago, 1910; graduate work, University of Chicago, part time 1911-13, and part time, University of Pennsylvania, 1913; LL. B., LaSalle University, 1944. Professor of Sociology, Pacific Lutheran College 1933-1952 (Emeritus 1952).

JOHN ULRIC XAVIER

A. B., Luther College, 1893; Cand. Theol., Luther Seminary, 1898; graduate work, University of Minnesota, 1898-99; M. A., University of Washington, 1929. D.D., Pacific Lutheran College, 1953. At Pacific Lutheran Academy, 1902-07, 1908-16; at Pacific Lutheran College since 1920 (Emeritus 1942).

FACULTY COMMITTEES, ALUMNI ASSOCIATION

FACULTY COMMITTEES

1956-1957

The first named member of each committee is chairman. The President and the Dean are ex-officio members of all committees.

COMMITTEE ON COMMITTEES: Knorr, Fritts, R. Olsen

ATHLETICS: Karl, Ericson, Nesvig, Roy Olson, Schnackenberg (advisory, Harshman, Salzman)

CATALOG: L. Johnson, Jordahl, Blomquist

DISCIPLINE: Solberg, Axford, Nelson

EDUCATIONAL POLICIES: Strunk, Carlson, Akre, Hagen, Knudson

EMPLOYMENT: Eklund, Nesvig, Wickstrom (advisory, K. Jacobs)

HEALTH: Strunk, Nothstein, Young

LIBRARY: Stampolis, Klopsch, Maier, G. Malmin, Runbeck (advisory, Haley)

PLACEMENT: Nielsen, Axford, Ramstad

PUBLICITY AND PUBLIC RELATIONS: Roy Olson, Nesvig, Weiss, Elberson, Newnham

RELIGIOUS ACTIVITIES: Pflueger, Knorr, Kuethe, Nodtvedt, Ramstad, Roe, Svare (advisory, Lutnes)

SCHEDULE OF ACTIVITIES: Wickstrom, Nordholm, Gilbertson

SCHOLARSHIP AND CURRICULUM: Nodtvedt, Little, Morken, Sjoding, Ostenson, Kuethe, Roskos

SOCIAL: Christensen, Berge, Quast, Chesterman, Gaines, Kittleson (advisory, Nelson, Rouze, Nicholson, Mrs. Malmin, C. K. Malmin)

STUDENT ACTIVITIES: Salzman, Eklund, Farmer, Roe, Moe, Wickstrom (advisory, Lutnes)

STUDENT PUBLICATIONS: Nesvig, Ranson, Kittleson, Running, Dizmang

ALUMNI REPRESENTATIVE: Nesvig

FACULTY SECRETARY: Knudson

PACIFIC LUTHERAN COLLEGE
ALUMNI ASSOCIATION 1956-57

<i>President</i>	RONALD DOUGLASS
<i>Vice-President</i>	CLIFFORD KORSMO
<i>Secretary</i>	ENID BLAKE WEBBER
<i>Treasurer</i>	DELBERT SCHAFER
<i>Executive Secretary</i>	MRS. A. W. RAMSTAD

STATISTICAL SUMMARY

Enrollment 1956-57

	Men	Women	Total
Graduates	74	76	150
Seniors	117	131	248
Juniors	164	102	266
Sophomores	181	152	333
Freshmen	211	244	455
Specials			
Music lessons only		4	4
Auditors	4	4	8
Other specials	1	1	2
Extension	10	40	50
TOTAL REGULAR SCHOOL YEAR.....	<u>762</u>	<u>754</u>	<u>1516</u>
Summer Session Enrollment, 1956.....	155	289	444
TOTAL	<u>917</u>	<u>1043</u>	<u>1960</u>
Students Counted Twice	60	137	197
NET TOTAL	<u>857</u>	<u>906</u>	<u>1763</u>

GEOGRAPHICAL DISTRIBUTION 1956-57

	Men	Women	Total
Washington	669	682	1351
California	61	76	137
Oregon	50	84	134
Montana	15	17	32
Idaho	15	12	27
Alaska	9	5	14
Minnesota	7	6	13
North Dakota	4	4	8
Hawaii	1	5	6
Utah	1	2	3
Wisconsin	1	2	3
Colorado		2	2
Illinois	2		2
Ohio	1	1	2
Alabama		1	1
Arizona	1		1
Iowa		1	1
Kansas	1		1
Maryland	1		1
Michigan		1	1
Pennsylvania	1		1
South Dakota	1		1
Texas		1	1
Virginia	1		1
Wyoming	1		1
Canada	4	3	7
Iraq	5		5
Korea	4	1	5
China	1		1
TOTAL	857	906	1763

RELIGIOUS AFFILIATIONS 1956-57

LUTHERANS	Men	Women	Total
Evangelical	305	324	629
American	91	93	184
Augustana	58	66	124
United	24	38	62
Missouri	26	27	53
Free	7	7	14
Wisconsin		5	5
Danish	4		4
Norwegian	3	1	4
Finnish		1	1
Unclassified	47	15	62
TOTAL	565	577	1142

OTHER DENOMINATIONS

Methodist	40	73	113
Presbyterian	37	60	97
Baptist	38	44	82
Catholic	35	19	54
Episcopalian	10	25	35
Christian	11	13	24
Pentecostal	13	6	19
Congregational	6	11	17
Covenant	4	8	12
Evangelical	4	3	7
Latter Day Saints	4	3	7
Nazarene	5	2	7
Christian Science	3	2	5
Unitarian	1	4	5
Brethren	3		3
Jewish	1	2	3
Seventh Day Adventist	1	2	3
Armenian Orthodox	2		2
Buddhist		1	1
Church of God		1	1
Disciples of Christ		1	1
Greek Orthodox		1	1
Quaker		1	1
Independent Churches	9	4	13
Unclassified	65	43	108
TOTAL	292	329	621
GRAND TOTAL	857	906	1763

GRADUATES

1956

Bachelor of Arts

Ronald Leo Abberger	Petra Onella Lee
Andrew Valentine Ambuehl	William Henry Ludwig, Jr
William Floyd Anderson	Robert A. Lundgren
Richard Eugene Barnwell	Arthur M. McGee
Myrna Vyrene Berg	Raymond Paul Magnuson
Timothy Wade Blaney	Carl Warren Meyers
Mildred Irene Brammer	Jeanne Lorraine Miksch
Stephen Lothaire Brandt	Norita Dawn Miller
J. Arnold Bricker	Salim Elias Mitri
Donald Arthur Brunner	Donald Morris
James Kenneth Charlston	Donald Gene Mortenson
Howard Christianson	Stewart Malcolm Morton
James R. Clifton	Audrey Leona Muhr
James William Colberg	Beatrice Alberta Mulford
Wayne Bruce Dahl	Ruth Sylvia Myrwang
Mary Alice Drexel	H. Richard Nicholson
Edith Lorraine Dutton	Tore Kjell Nielsen
Lawrence Carl Eggan	Myrna Kay Pfannekuchen Nodtvedt
Jalmer M. Eldal	Philip Akerson Nordquist
Robert Elmo Fleming	Robert Bruce Olafson
Stuart Henry Gilbreath	Elwood Neal Rieke
Donald Wayne Gray	Robert A. Romnes
Allan Roy Gubrud	H. Duane Romo
Clifford Warren Hall	Daniel Corlett Rose
Constance Marie Hanson	Leland R. Roseberg
Rolph Sigurd Hanson	Marjorie Helen Salzman
Richard Phil Heins	David M. Scherer
John Thomas Housholder, Jr.	Walter Dean Schwindt
Gordon Ellsworth Huesby	Martin John Simmons
Stanley William Hulsman	Josephine Anne Stewart
Dean Warren Hurst	Maudie Elaine Straub
Lorraine Inez Olson Hurst	Clarence Gordon Strom
Delvin Dwayne Hutton	Marlene Joyce Stuhlmiller
Paul Norman Jordan	Armand Thomas Swindland
Jean Elizabeth Kendall	Carol Jean Urlie
Sharon Lyllis Kinzer	Mildred Ann Van Buren
Ruth Elaine Klopsch	June Adel Wigdahl
Adrian Ralph Knutzen	David Clifford Wold
Donald John Krantz	

Bachelor of Arts in Education

Margaret Ursula Ambuehl	Marlene Christine Hovland
Betty Ann Anderson	Barbara Ann Howard
Walter Ball	Glenn Edgar Hull
Ramon LeRoy Barnes	Constance Ann Hustad
Oberta Jean Bartels	Eva Marie Jacobson
Evelyn Syverson Berg	Stanley Arvin Jacobson
Joanne Lee Poencet Berton	Howard Wesley Jeanblanc
Mary Louise Biery	Roxie Joan King
Roberta Jean Birkedahl	Henry W. Kramer, Jr.
Phyllis Rae Brandt	Jimmie Lee Leathers
Barbara Alice Breuer	Dorothy T. McCleary
Richard Louis Brown	Regina M. McFadden
Terrance R. Brown	Barbara Ann Macdonald
Delores Amber Beck Carstensen	Oliver C. Magnuson
Jean Marie Christianson	Sharon Lynn Morgan
Edna Megard Coffelt	Thelma Constance Nygaard
Jean Marilyn Cogburn	Clarene Viola Osterli Olson
Betty Jean Condray	Cassie B. Pierce
Frantzel Margaret Corman	Beverly Jean Pine
Clela Dalrymple	Joyce Elaine Puffert
Carol Jean Edlund	John Robert Reay
Jean-Marie Fowler Fenander	Joseph Richard Reitz
Ward F. Folsom, Jr.	Elizabeth Ann Reule
Mark Lee Freed	Ruth M. Rickert
Shirley Belle Freeman	Mary Foster Rippy
Walter Jerome Galusha, Jr.	Ruth Alvhild Romtvedt
Louis George Geisert	Lorraine J. Rowe
Janet Arlyne Geldaker	Ruth Barbara Sather
Virginia Adele Grah	Myrna Lavonne Shelver
Ida Joe Gronke	Mary Nash Skrivanich
Joan Bongsto Gubrud	Barbara Sue Slagle
Kathryn Ann Gulhaugen	Jerald Kenneth Slattum
Diane Lee Hagen	Marlys Ann Solterbeck
Barbara Luanne Hedfund	Georgia Stay
Ruth Mirian Heino	Eleanor Ann Stephens
Nancy Jean Helland	Donna Ellen Swanson
Ellen Pearl Henry	Eunice Lenore Swenson
Henry R. Hergert	Garda Berg Weist
Jack Lamar Hoover	Loris Adell Zellmer

Bachelor of Science in Nursing

Adonna Malene Bondahl	Carolyn Ann Pritchard
Norma Jeanne Borgford	Velma Harmon Sackman
Laurella Frances Frazier	Mary Kathryn Simonsen
Kathryn Marie Jerstad	Sandra Neldine Standal
Marilyn Rose Krug	Joan Beard Stout
Oretha Katherine Marion	Sigrid Annette Tollefson

1956 GRADUATES

Bachelor of Science in Medical Technology

Jeannette Jessie Walter

Bachelor of Education

Helen Joan Hauge
Terry Keith McLean

David John Thorp

Master of Arts

Daniel F. Grefthen
Arne Kenneth Pederson

Oscar Elmer Peterson
Arne Strand

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