

1940

Whitworth College Annual Catalog 1940-1941

Whitworth University

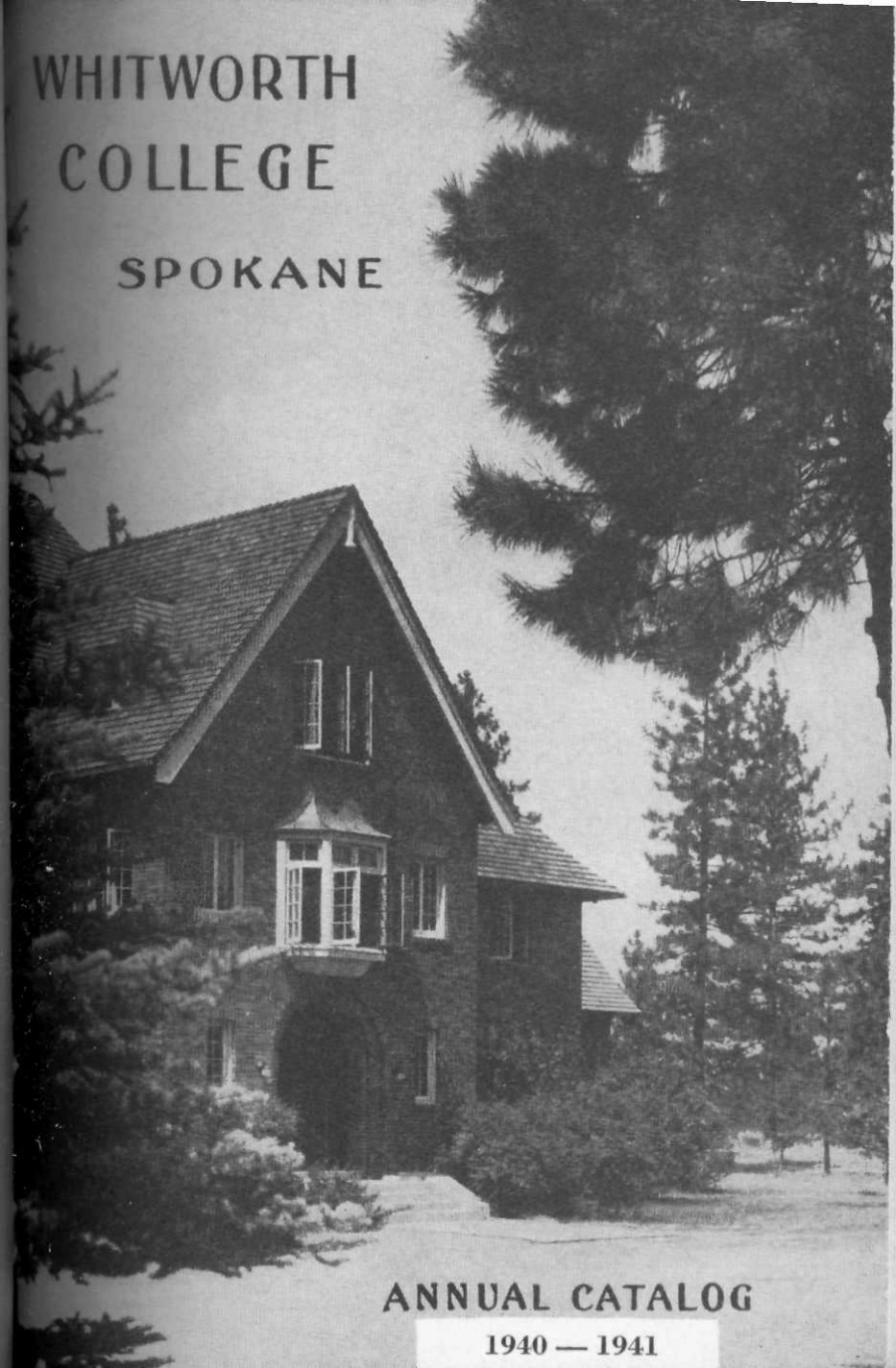
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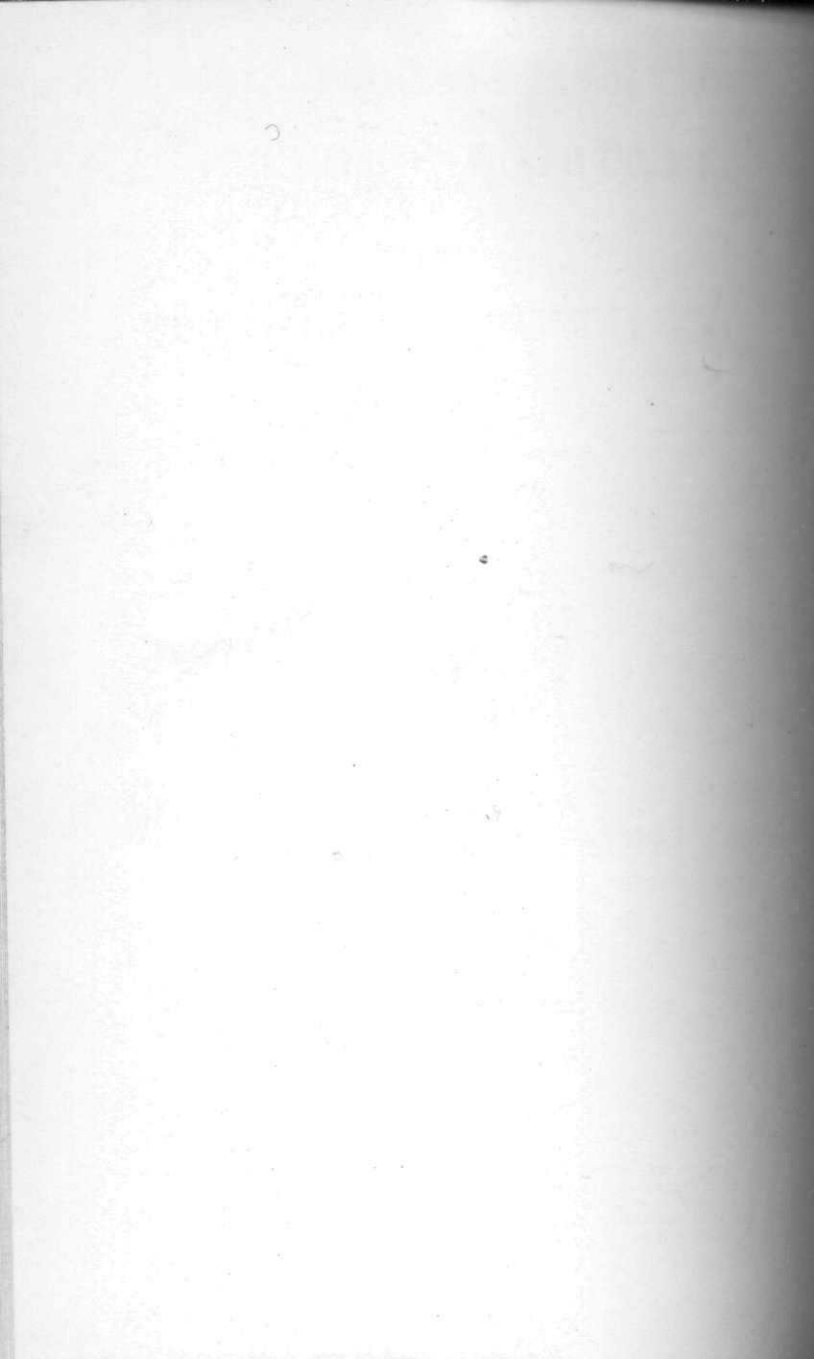
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WHITWORTH
COLLEGE
SPOKANE



ANNUAL CATALOG

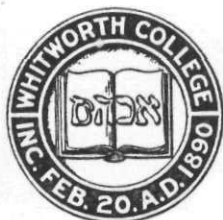
1940 — 1941



CATALOG NUMBER
of
Whitworth College

BULLETIN

Spokane, Washington



A COLLEGE OF
LIBERAL ARTS AND SCIENCES

Announcements for 1940-41

MAY, 1940

Vol. 10

May, 1940

No. 6.

Entered as second class matter, August 5, 1930, at the Post Office, Spokane, Washington, under the act of August 24, 1912. Published four times a year, on special rate, in October, December, February and April, at Spokane, Washington. Subscription, 50 cents a year.

1940

CALENDAR

1940

JANUARY						
S	M	T	W	T	F	S
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FEBRUARY						
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APRIL						
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JULY						
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AUGUST						
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SEPTEMBER						
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DECEMBER						
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1941

CALENDAR

1941

JANUARY						
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AUGUST						
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SEPTEMBER						
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OCTOBER						
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DECEMBER						
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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31

The College Year

The college year consists of thirty-six weeks divided into two semesters of eighteen weeks each. Tuition, fees, and room and board are payable on or before the first day of each semester.

Calendar for 1940-41

FIRST SEMESTER

September

5, Thursday.....New Student Registration

9, Monday.....Former Student Registration

10, Tuesday.....Class Work Begins

November

8, Friday.....Mid-Semester

20, Thursday.....Thanksgiving Holiday

December

20, Friday, 4:15 p. m.....Christmas Recess Begins

January

6, Monday, 8:30 a. m.....Class Work Resumes

20-24, Monday through Friday.....Final Examinations

SECOND SEMESTER

January

27, Monday.....New Student Registration

27, Monday.....Class Work Begins

March

28, Friday.....Mid-Semester

April

7-11, Monday through Friday.....Spring Vacation

May

16, Friday.....May Festival

21, Wednesday.....First Investiture

28, Wednesday.....Second Investiture

June

1, Sunday.....Baccalaureate

2, Monday.....Commencement

3-6, Tuesday through Friday.....Examinations
(Freshman, Sophomores, Juniors and
Post Graduates.)

WHITWORTH COLLEGE

Board of Trustees

CLASS OF 1939

William B. Dudley	Yakima
Arthur E. Symons	Seattle
Alfred Carlson	Spokane
Otto R. Rabel	Seattle
W. J. Richmond	Spokane
Rev. Glen T. Rice	Wenatchee

CLASS OF 1940

William L. McEachran, Chairman	Spokane
R. E. Porterfield, Secretary-Treasurer	Spokane
Rev. Paul C. Calhoun, D. D.	Spokane
Frank R. Fursey, M. D.	Spokane
Rev. David W. Ferry, D. D.	Yakima
Edward L. French	Vancouver
L. G. Pattullo	Seattle
C. M. Hull	Yakima

CLASS OF 1941

Jay P. Graves	Spokane
Rev. J. Renwick McCullough, D. D.	Tacoma
Albert K. Arend	Spokane
Rev. Robert Cameron	Aberdeen
John F. Reed	Seattle
Rev. Charles F. Koehler, D. D.	Spokane
Harlan I. Peyton	Spokane

Executive Committee

William L. McEachran, <i>Chairman</i>	Spokane
R. E. Porterfield, <i>Secretary-Treasurer</i>	Spokane
Jay P. Graves.....	Spokane
Harlan I. Peyton.....	Spokane
Albert K. Arend.....	Spokane
W. J. Richmond.....	Spokane
Frank R. Fursey, M. D.....	Spokane
Alfred Carlson.....	Spokane
Rev. Charles F. Koehler, D. D.....	Spokane
Rev. Paul C. Calhoun, D. D.....	Spokane

Faculty

FRANCIS TILEY HARDWICK, Ph. D.

Acting-President (1939-40).

B. A., London, England; M. A., Ph. D., University of Washington; graduate work, University of Wisconsin, Chicago, and California.

Whitworth College, 1929—

Ballard Hall

FRANK F. WARREN, M. A.

President-elect, 1940-41

B. A., Seattle Pacific College; M. A., Drew Theological Seminary; Missionary in Japan; Dean of School of Religion, Seattle Pacific College, 1934-40.

MARION R. JENKINS, M. A.

Dean of Women, Christian Education.

B. A., Whitworth College; M. A., New York University; graduate San Jose Teacher's College, California; graduate work at University of California and New York Biblical Seminary.

Whitworth College, 1931—

McMillan Hall

ELISABETH GARTEN BACHIMONT, B. A.

Classical Languages

B. A., Carthage College; summer work, Illinois State Normal University; graduate work, University of Chicago; University of Iowa.

Whitworth College, 1936—

4727 N. Post

WHITWORTH COLLEGE

OTTO G. BACHIMONT, M. A.

Modern Languages

Dortmund and Hermannsburg, Germany; traveled, Germany, France, Greece, Turkey, Asia; B. A., Wartburg College, Clinton, Iowa; B. A., State University of Iowa; M. A., State University of Iowa; two summers' graduate work, University of Iowa; two years' graduate work toward Ph. D., University of Wisconsin.

Whitworth College, 1936—

4727 N. Post

ESTELLA E. BALDWIN, M. A.

Registrar

B. A., M. A., Whitworth College; Bible Institute of Los Angeles, California.

Whitworth College, 1933—

Home Economics Bldg.

LAVERNE KENNETH BOWERSOX, Ph. D.

History and Political Science

A. B., Willamette University; M. A., Syracuse University; Ph. D., Ohio State University.

Whitworth College, 1932—

3214 Dalton

JOHN ARVID CARLSON, M. S.

Mathematics and Physics

B. S., M. S., University of Washington.

Whitworth College, 1935—

Whitworth Hall

ANNA JANE CARREL, M. M.; A. A. G. O.

Piano and Assistant Dean of Women

Mus. B., Oberlin Conservatory of Music; Mus. M., Cincinnati Conservatory of Music; student of Ernest Hutcheson and Sigismund Stojowski in New York City.

Whitworth College, 1937—

Ballard Hall

JAMES WILLARD COUNTERMINE, M. A.; D. D.

Bible and Religious Education

B. A., M. A., Parsons College; M. Th., Princeton; D. D., Buena Vista College; graduate work Universities of Princeton and Hawaii, in philosophy, history, and Oriental religions.

Whitworth College, 1928—

Country Homes

OSCAR KIRK DIZMANG, M. A.

Economics and Business Administration

B. S., Kansas State College of Agriculture and Applied Science;
M. A., University of Chicago.

Whitworth College, 1935—

N. 5411 Post

JAMES FORRESTER, B. A.

Promotional Director

B. A., Queen's University, Canada.

Whitworth College, 1939

Country Homes

IRENE MARGARET GRIEVE, M. D.

Lecturer in Personal Hygiene

B. S., Washington State College; M. D., University of Oregon
Medical School.

Whitworth College, 1934—

Old National Bank Bldg.

PAUL V. GUSTAFSON, M. S.

Biology

B. S., Whitworth College; M. S., University of Illinois. Two years'
work toward Ph. D.

Whitworth College, 1939

E. 4217 22nd

WINIFRED MCNAIR HOPKINS, B. A.

Voice

B. A. Albany College; Voice Diploma from American Conservatoire
of Music, Fontainebleau, France; studied at University of Southern
California, University of Oregon; special work under Yeaman Grif-
fith, W. O. Lyman, Charles Stone Nelson.

Whitworth College, 1934—

Country Homes

OLIVE LOGERSTROM, M. S.

Home Economics

B. S., Kansas State College; M. S., University of Wisconsin; gradu-
ate work Kansas State College; special work Kansas City Art In-
stitute.

Whitworth College, 1936—

Sillman Hotel

WHITWORTH COLLEGE

ISABELLE CAROLYN MCLEOD, B. A.

Public Speaking and Dramatics

Graduate, Ellison-White Conservatory of Drama, Portland, Ore.; B. A., Albany College; graduate work, U of Washington, member of Hollywood Playcrafters.

Whitworth College, 1937—

Country Homes

HELEN L. MAGILL, M. A.

English and Literature

B. A., University of Kansas; M. A., University of Chicago; Student at Columbia, Oxford, Alliance Francaise, University of New York Paris Branch.

Whitworth College, 1930—

Ballard Hall

BENJAMIN CONRAD NEUSTEL, M. S.

Chemistry

B. A., Willamette University; M. S., Washington State College; graduate work in chemistry, botany, and education, University of Washington; Washington State College.

Whitworth College, 1928—

Country Homes

CHARLES P. POOLE, M. A.

Psychology, Education and Philosophy

B. A., Lipcomb; B. Lit., Lipcomb; M. A., Clark University; M. A., Harvard University; two years' work at University of Washington toward Ph. D.

Whitworth College, 1939

Country Homes

DUANE ROBINSON, M. A.

Sociology

B. A., M. A., University of Washington.

Whitworth College, 1939

Country Homes

FRANCES E. ROSE, M. D.

Physical Education

Doctor of Medicine, University of Minnesota, Lecturer in Personal Hygiene at Whitworth College.

Whitworth College, 1935—

Old National Bank Bldg.

RALPH C. SCHLICHTIG, M. S.

Physics and Engineering

B. S., Washington State College; M. S., Washington State College.
Whitworth College, 1936— Dishman, Washington

EDITH A. SERIER, B. S. in L. S.

Librarian

B. S. in Library Science, University of Washington; Professional
Librarian's life certificate, State of Washington.
Whitworth College, 1937 S. 507 Howard St.

GERALD MOODY STANNARD, B. A.

Athletic Director and Coach

B. A., Ottawa University, Ottawa, Kansas; B. A., in Education,
Washington State Normal, Cheney, Washington.
Whitworth College, 1934— E. 1417 10th Ave.

ARTHUR EMIL UHE

Music

Graduate of the Royal Conservatory of Music, Brussels, with first
prize with grand distinction, 1911. Studied at Chicago Music Col-
lege under Emil Saurer in 1905, under Hugo Heerman in 1906.
Went to Leipsic 1907 and studied under Hans Sitt, under August
Wilhemji. In 1908 studied under Eugen Ysaye in Liege and
under Cesar Thomson in The Royal Conservatory of Music,
graduating in 1911 with first prize with grand distinction. Coming
to America in 1914 as 1st violin Chicago-Philadelphia Opera Asso-
ciation. Victor Artist 1914-1930.

Whitworth College, 1938—

Culmstock Arms

WHITWORTH COLLEGE

STUDENT ASSISTANTS

VERNA E. BUNKLEMAN

Assistant in Modern Language Department

JAMES S. GOODSSELL

Assistant in Music Department

ALFRED HEWITT, B. S.

Assistant in Biology Department

LEROY HOOK

Assistant in Biology Department

STANLEY HUGHART

Assistant in Mathematics Department

HAZEL MARY MCCANNON

Assistant in Music Department

ALICE MAE McDONALD

Assistant in Physical Education

LEE RODKEY

Assistant in Chemistry Department

LEONARD RICHARDSON, B. A.

Assistant in Physical Education

Administration

FRANCIS T. HARDWICK.....	<i>Acting-President</i>
MARION R. JENKINS.....	<i>Dean of Women</i>
ANNA J. CARREL.....	<i>Assistant Dean of Women</i>
JOHN A. CARLSON.....	<i>Director of Whitworth Hall</i>
LILIAN G. PECK.....	<i>Bursar</i>
ESTELLA E. BALDWIN.....	<i>Registrar</i>
JAMES FORRESTER.....	<i>Promotional and Financial Director</i>
LAURA WILSON.....	<i>Manager of the Dining Room</i>
PHILIP L. WILSON.....	<i>Custodian, Buildings and Grounds</i>

Faculty Standing Committees

Administration—The President and the Deans.

Athletics—Neustel, Dizmang, Bowersox, Stannard

Building and Grounds—Counterminne, Schlichtig, Wilson.

Credits, Grades, Honors, and Degrees—The Dean and the Registrar, Major and Minor Advisors.

Faculty Executive Committee—The Deans. Neustel, Bowersox, Bachimont, Dizmang, Hopkins.

Library—Serier, Jenkins, Bachimont, Carlson.

Personnel—Deans, Promotional Director, two faculty members.

Press and General Publicity—Magill, Forrester.

Public Exercises, Literary Activities and Musical Activities—The Dean, Counterminne, Jenkins, Uhe, Hopkins, Carrel, McLeod, Bowersox.

Religious Activities—The Dean, Counterminne, Jenkins.

Social Functions—Dean Jenkins, Mrs. Carrel, Logerstrom.

Student Activities—Bowersox, Neustel, McLeod, Jenkins.

FOREWORD

WHITWORTH COLLEGE was founded in 1890 at Sumner, Washington. An academy had been established at the same place in 1883, and this was operated in conjunction with the college even after it was moved to Spokane.

Dr. George Whitworth was born in Boston, England, in the year 1816 and came to the United States when a lad of sixteen. He entered Hanover College with the intention of becoming a lawyer but during his course changed his main interest from law to theology, although he always retained an interest in law and became a member of the bar of the State of Washington. He was graduated from McCormick Seminary in Chicago.

After serving five years as a pastor at Cannelton, Indiana, the lure of the West attracted him to the Willamette Valley. Following the trail of Whitman, Spaulding, Meeker and other pioneers, he became the great religious and educational pioneer of the West. The churches he founded at Portland, Olympia, Grand Mounds, Chehalis, Whidby Island, Steilacoom, White River, and Whitworth College are lasting monuments to his memory.

George Whitworth loomed large among the early settlers and his varied interests made him a leader in many projects. He formed a company to open the coal mines at Renton, and he filled many public positions among which are the following: Deputy Collector for the Puget Sound District, Deputy United States Surveyor,

Surveyor of King County and of the city of Seattle. Besides being a member of the bar, he was a civil engineer, and as an educator, he was county superintendent of King and Thurston Counties, and twice president of the University of Washington.

Mr. J. C. Armour of Chicago, was the first great benefactor of the college when he made a gift to the college of \$50,000 in the year 1900. With this gift the college was moved to Tacoma to a fine location overlooking Commencement Bay. Altogether up to 1909, Mr. Armour contributed \$100,000 to the institution which was largely responsible for its early growth.

In 1913 the Spokane Presbytery invited the college to Spokane and the citizens of Spokane promised to raise \$100,000 "for immediate cash necessities." The college was moved to its present location in 1914, but the World War interfered with its continuous development. After the World War a new beginning was made, but the greatest development took place between 1929 and the present time.

Whitworth College is a Christian College on a Presbyterian foundation, and is meeting a real need, not only of the Presbyterians of the Synod of Washington but also of the other denominations who consider that a religious basis is necessary for the best citizenship.

WHITWORTH COLLEGE

AIMS

Whitworth College while primarily a college of the Arts and Sciences, has also wider outlooks and aims. It offers opportunities for culture, but does not neglect the fact that many students desire courses which lead to earning a living or pre-professional preparation. Opportunities are provided for leisure-time activities and social amenities. An orientation course in Psychology is designed to reveal to students their possibilities and aptitudes and for educational and vocational information. There are pre-vocational training courses in law, medicine, the ministry, social work, business, engineering and nursing. Full training is provided for teaching and homemaking. In addition to football and baseball in the Physical Education courses opportunities are offered for participation in Tennis, Volley ball, Badminton, Archery, and Golf.

The four fundamentals in policy at Whitworth College are:

- I. To insure by every means that the college life in its implicit and explicit aspects is decisively and uncompromisingly Christian in its teaching in the New Testament and evangelical sense;
- II. To provide an atmosphere to help in the expression of the Christian life in worship, in social attitudes and behavior generally;
- III. Side by side with the positive evangelical emphasis, to provide the best opportunities for good scholarship, and high standards in the various subjects;
- IV. To provide this combination of vital spiritual scholarship at the lowest possible cost to the student.

TO REACH THE COLLEGE

The college operates a bus which meets the Spokane United Railways at Dalke and Wall. The schedule for this bus service to and from the college is given below. The cost for this transportation is only ten cents a day or a semester ticket can be purchased for \$5.40. This provides a safe and insured method of transportation. Students who find transportation in private cars are taking avoidable risks for which the college may in no way be held responsible.

BUS SCHEDULE

MONDAY TO FRIDAY INCLUSIVE

<i>Whitworth College</i>		<i>City Limits</i>	
Arrive	Leave	Arrive	Leave
	8:00 a. m.	8:10 a. m.	8:20 a. m.
8:30 a. m.		12:50 p. m.	12:55 p. m.
	12:40 p. m.	3:35 p. m.	3:40 p. m.
1:05 p. m.	3:25 p. m.	5:20 p. m.	5:20 p. m.
3:50 p. m.	5:10 p. m.		
5:30 p. m.			

SATURDAY SCHEDULE

<i>Whitworth College</i>		<i>City Limits</i>	
Arrive	Leave	Arrive	Leave
	8:15 a. m.	8:15 a. m.	8:20 a. m.
8:25 a. m.	12:45 p. m.	12:55 p. m.	1:00 p. m.
1:10 p. m.	5:15 p. m.	5:30 p. m.	5:30 p. m.
5:35 p. m.			

Students coming into Spokane by bus or train at the opening of the college year will be met by cars from the college provided that a request is sent to the college giving time and place of arrival.

The College has special arrangements at favorable rates for the delivery of baggage. Students may bring their baggage checks to the College office to insure prompt attention and delivery. Immediate needs should be provided by hand baggage.

WHITWORTH COLLEGE

CAMPUS AND BUILDINGS

The College has a forty-acre pine-clad campus, surrounded by one hundred and fifty acres of beautiful rolling natural forest, owned by the institution. The buildings consist of McMillan Hall, Ballard Hall, Whitworth Hall, Home Economics Building, the auditorium-gymnasium, the president's house, and two professors' residences. The College has a library of fourteen thousand volumes. Chemistry, physics, biology, and home economics laboratories, adequate to meet the needs of the institution, are maintained. The administration offices are in Ballard Hall.

In the spring of 1938 there was completed on the campus a new home economics building. Designed and equipped according to the most modern methods, it will accommodate one hundred young women.

In 1938 the Women's Athletic Association built a cabin (Orpha Lodge) on a three acre wooded tract adjacent to the Little Spokane River, which is within hiking distance from the college.

ENDOWMENT

Besides the income from tuitions and fees Whitworth has a growing productive endowment. A campaign has been under way for some time for the purpose of securing an adequate endowment. The Synod of Washington has been making contributions from year to year for the support of the College. The Synod, which met at Everett in July, 1927, voted unanimously to back Whitworth permanently, both in buildings and for maintenance.

ACCREDITATION

Whitworth College is recognized as a standard four-year college of liberal arts and sciences by the Northwest Association of Secondary and Higher Schools, with an unqualified membership in that Association. It is also a member of the American Association of Colleges and is on the approved list of the American Medical Association.

The College is also accredited by the State Board of

Education for giving complete training for high school certification in the State of Washington. To that end Whitworth College has organized its curriculum so that a prospective teacher may secure adequate training for teaching in the regular high school department.

COLLEGE EXPENSES

The College year is divided into two semesters of eighteen weeks each. All bills are payable in advance at the opening of each semester. Students withdrawing during a semester will not be given a refund of tuition and fees. No reduction on board will be given for absences of less than one week.

SEMESTER CHARGES:

Tuition, 12-16 hours.....	\$75.00
Excess hours, above 16 per hour.....	5.00
Less than 12 hours, per hour.....	6.00
Library fee.....	3.50
Old Student late registration (after Sept. 18 and Feb. 5)	1.00
Test fee.....	.50
Health Fee	1.00

There is no tuition charge for Physical Education. However, \$1.00 towel fee is paid each semester by all students enrolled in Physical Education.

\$1.00 charge for each change in schedule after Sept. 18 and Feb. 5, and for examination taken out of schedule time.

Graduation fee is \$10.00. Cap and Gown Rental, \$2.50.

Fees for music, laboratory, and some other courses are given under description of courses.

There is an Associated Students' fee of \$10.00 per semester. This fund is used for extracurricular activities such as athletics, student publications, contests, and the like, by vote of the student representatives, subject to the approval of the Faculty Manager.

WHITWORTH COLLEGE

DORMITORY CHARGES, PER SEMESTER:

Board	\$103.50
Room per student, two in a room	36.00
Both board and room, per semester	\$139.50
Single Meals: Breakfast30
Dinner50

SUMMARY OF YEARLY EXPENSES FOR DORMITORY STUDENTS:

Tuition	\$150.00
Room and Board	279.00
Associated Student Fee	20.00
Library Fee	7.00
Health Fee	2.00
Test Fee	1.00
Minimum Total	\$459.00

SUMMARY OF YEARLY EXPENSES FOR OTHER STUDENTS:

Tuition	\$150.00
Associated Student Fee	20.00
Library Fee	7.00
Health Fee	2.00
Test Fee	1.00
Minimum Total	\$180.00

The minimum expenses would be increased by the matriculation fee of \$5.00 for new students; (This fee is paid only once.) by the graduation fee of \$10.00 for students who graduate; by laboratory and music fees for students taking those subjects; and by the excess hour fee.

The average cost of necessary textbooks for the year will approximate \$20.00.

FINANCIAL DELINQUENCIES

Transcripts of grades and diplomas will not be issued until all college accounts are paid. The College must insist upon the satisfactory adjustment of financial obligations before any grades will be recorded.

DORMITORY REQUIREMENTS

Students whose homes are not in Spokane are required to live in the college dormitories unless special arrangements are made with the Dean of the college or the Dean of Women.

Each dormitory student is expected to supply himself with the following: napkins, towels, linen and bedding for single beds, curtains, rugs, and a reading lamp.

Each student is expected to care for his own personal laundry and linen. Limited laundry facilities are provided at the college, and a very inexpensive service for flat work is available through local laundries.

All linen and clothing should be plainly marked with name or initials of the owner.

Bedding should be sent several days in advance, by parcel post, addressed to the owner, at Whitworth College. The college cannot supply students with bedding.

The use of inflammable cleaning materials is prohibited because of the fire hazard.

The college reserves the right to restrict the number and size of electric lights employed in students' rooms.

Radios and other appliances using electricity must be registered with the dormitory director. The use of irons or hot plates is not permitted in dormitory rooms. Provision is made for the use of these appliances in special rooms.

Resident students must secure permission from the dormitory directors before entertaining overnight guests. Hosts always assume responsibility for payment for meals, for which arrangements must be made with the Dining-Room director.

Absolutely no food will be furnished from the dining room or kitchen to individuals or organizations for picnics or other purposes whatsoever.

The college dining hall will be open for dinner in the evening, September 5, and closed after luncheon on Friday, June 6, 1941.

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The dormitories and dining hall will be closed throughout the Christmas and Spring vacations. If students must remain in residence, special arrangements will have to be made with the Administration as the charges made for board and room do not cover these vacations. Each dormitory has its own organization for the regulation of dormitory life.

SELF SUPPORT

No capable young man or woman in good health, who is determined to secure a college education, need fail in the attempt. Opportunities for work in town occur chiefly in domestic and office assistance, personal service of various kinds, canvassing, clerking and manual labor. The college employs a limited amount of help; and any money earned for services rendered the College will be credited on the student account.

The student should be prepared to pay in full all fees including room and board, and books, for the first semester. In the case of students who are wholly self-supporting the College reserves the right to limit the number of hours carried to one hour less of class work for each three hours per day of outside work.

SCHOLARSHIPS AND PRIZES

A limited number of scholarships are available under certain conditions of scholastic attainment and Christian character. In 1939-40 the following were given:

1. The Alaskan scholarship of \$60.00 given to a young man who is a member of the Presbyterian Church.
2. The James Silliman scholarship of \$20.00 given to a worthy student.

LOAN FUNDS

The Whitworth College Student Rotary Loan Fund is made up of the following:

Hedley A. Vicker Fund.....	\$1,123.44
Mrs. Gertrude Mather Fund.....	100.00
First Presbyterian Church, Wenatchee.....	91.53

First Presbyterian Church, Northport.....	50.05
Rev. and Mrs. W. L. Livingston.....	40.00
Dr. and Mrs. C. W. Hays.....	25.00
Doctors' Club.....	50.00
Round Table.....	50.00
Spokane Women's Relief Corps.....	250.00
	<u>\$1,780.02</u>

EXTRA-CURRICULAR ACTIVITIES

The extra-curricular activities at Whitworth College are maintained for the purpose of giving the student opportunity for development of personality and leadership. These activities are considered important in the education of youth. Each student, therefore, is expected to become an active member of at least two organizations, one of which is his class. It is advisable for the student to restrict his activities to not more than four organizations. It is suggested that new students do not join clubs or organizations until the beginning of the third week of the semester.

Whitworth College or any of its officers or organizations are not responsible or liable in any way for damages done to property or persons in case of accidents in and around the college buildings or on trips representing the college in any activities. Students, faculty, and others participating in any college function, on or off the campus, do so at their own risk.

POINT SYSTEM. In order to regulate and evaluate the participation of each student in these organizations, a point system has been devised. Points will be awarded for membership as well as for office holding and committee assignments. There is a limit on the number of points any one student may secure each semester. In addition to the awarding of points for participation in extra-curricular activities, the student will be given quality rating.

RECOGNITION OF ORGANIZATIONS. In order to be recognized as a Whitworth College organization in good standing the organization must have a constitution, a list

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of charter members, and must have received the sanction of the student executive board and the faculty. All constitutional amendments and by-laws of the student associations must always receive the sanction of the student executive board and the faculty. No organization shall function or be recognized until official notice of approval has been given to the applying organization by the college office.

ADVISORY SYSTEM. Each student organization must have a faculty adviser with whom it counsels as to the programs and policies. The adviser is held responsible for reports on the character of the work of the organization and also the individual membership.

STUDENT ORGANIZATIONS

1. Associated Students of Whitworth College. The Students' Association is the general organization of the student body. Voting members are those who have paid all their fees for the semester and are regularly enrolled. Membership entitles the student to a subscription to "The Whitworthian" and "Natsihi," admission to games played on the home grounds, and a voice in the regulation and promotion of the student association activities. The president and the vice-president of this association are chosen annually from the two upper classes of the College.

2. The Volunteer Fellowship. This organization is made up of students whose purpose is to prepare for general Christian service. The members do Sunday deputation work, holding meetings in the churches of the city and community and help out in the Sunday schools and young people's societies.

3. Whitworth Christian Endeavor. This is organized under the regular rules of the United Society of Christian Endeavor and functions among the resident students. It conducts a Sunday evening and a mid-week prayer meeting.

4. Philadelphians. This is composed of young men who are in preparation for full time service. They meet for prayer and meditation, generally twice a week. Churches, especially vacant ones, often call upon these young men for assistance in Sunday services.

5. The Whitworth College Band, Orchestra and Chorus are composed of men and women whose aim is to study the best choral and orchestral literature and to acquire a more intelligent knowledge of music. College credit may be obtained on consent of the Director of Music.

6. The Art Club. The purpose of this club is the furthering of the knowledge of and practice in the Fine Arts. It is largely sponsored by the Dramatic and Music Departments. Definite instruction is part of the program and opportunity is given for meeting guest artists in all fields of art, especially musical and literary. The members are pledged to the advancement of cultural objects in life.

7. "Sefelo" is the organization of the women students living in Ballard and McMillan Halls. Life in the Halls and much of the social life of the group is governed by this organization.

8. The "W" Club consists of the letter-men in athletics. Its chief interest is the promotion of the athletic interests of the institution.

9. The Women's Athletic Association is an organization of the women of the college who are interested in hiking, indoor baseball, basketball, volley ball, tennis, badminton and archery. This is carried on in conjunction with the work outlined and supervised by the Director of Physical Education.

10. The Pirette Club is a women's honorary service organization which is interested in all college activities and in being of service to Whitworth in every way possible.

11. Whitworth Players is the dramatic organization of the college and is open to all who are registered. Its purpose is to give an opportunity to participate in the

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production of plays, and to furnish entertainment for the students and their friends.

12. Alpha Beta, "the Best in Life," is a Home Economics group offering to Whitworth College women opportunities to promote the best ideals of the home. The art and science of living in its cultural and social aspects are emphasized. Those not enrolled in Home Economics may also take advantage of this organization.

13. French and German Clubs. The purpose of these organizations is to supplement the work done in the classroom in a more informal and social way and to stimulate interest in the language, culture, and the life of the French and German people. Students enrolled in the language department should be active members, others interested may become members.

14. Phi Alpha is the honorary scholastic organization of the College. Seniors who have attended Whitworth College for two years and have maintained high scholarship may be elected to active membership while juniors may be elected to associate membership.

Owing to the limited number of students and the advisability of offering equal social opportunities to all, Whitworth has decided to exclude social fraternities and sororities for the present.

RELIGIOUS LIFE

Religious life at Whitworth College is inspirational and helpful. The Bible is one of the text books of the institution and every student includes certain Bible courses in his requirements for graduation. Each day Chapel is held which every student attends. Many prominent speakers are secured to give addresses at the college during the year.

Whitworth community supports a Church and Sunday School on the college campus at which students are cordially invited to attend. The students conduct a Wednesday evening prayer meeting. A Christian Endeavor meeting is held in McMillan Hall Sunday evenings.

SOCIAL LIFE

There are many enjoyable recreational and social events scattered throughout the year, such as, student mixers, faculty receptions, Home-coming, the Colonial Party, the Women's April Frolic, and May Festival, besides various class functions and other entertainments. Most Friday evenings are reserved for social functions. The social life of the students in the dormitories is particularly friendly and wholesome.

Smoking and the use of alcoholic liquors are not allowed on the campus. It is understood that the campus extends wherever the name of Whitworth is used.

ADJUSTMENT WEEK

The first week will be given over to registration and adjustment to college life. In order to make the period as profitable to the student as possible the following schedule of the week's activities is arranged:

New students only are expected to appear on the campus Thursday, September 5. They will assemble by sections in their respectively appointed places for instruction and guidance.

Former students of Whitworth College will arrive on the college campus Monday, September 9, for registration.

Regular classes will begin Tuesday, September 10.

ADMINISTRATION

College regulations are for the purpose of coordinating the life of the students in such a way as to insure scholastic efficiency and wholesome and enjoyable community life. The care which a college throws around its students is an index of its cultural status.

The interest and cooperation of the student himself is enlisted in every way possible in support of the ideals of the institution. Conduct which marks and distinguishes the cultured man or woman, together with a proper reverence for the Christian ideals of the college, is expected of every student.

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The Administration of Whitworth College reserves the right to exclude at any time students whose conduct or academic standing it regards as undesirable, and without assigning any further reason therefor; in such cases the fees due or which may have been paid in advance to the College will not be refunded or remitted in whole or in part, and neither the College nor any of its officers shall be under any liability whatsoever for such exclusion.

SUMMER SESSION

The Summer Session extends over a period of six to eight weeks during the months of June and July. Its organization is mainly for school teachers who wish to extend and intensify their knowledge in certain subjects; for those who wish to complete the work for a college degree but cannot take the work during the regular school year; and for those who for any reason wish to push ahead or make up work of which they may be in need.

In some departments the work is especially arranged for students working toward advanced degrees.

A maximum of one hour credit per week may be made in the Summer Session.

A summer bulletin is prepared and sent to anyone upon request.

The tuition for the Summer Session is five dollars (\$5.00) per semester hour of credit. Laboratory fees are the same as during the regular college year.

GRADES AND POINTS

A counts 3; B, 2; C, 1; D, 0; W, 0; I, 0; N, 0; and F.—1. The —1 of the grade F is used only in preparing the honor list.

An "Incomplete," must be made up within the first nine weeks of the next college semester in order to receive credit for the work. If not made up within that period, it becomes an "F." A "W" will be granted to a

student who withdraws from class within six weeks after registration providing he is making a passing grade in that subject at the time of his withdrawal and has written permission from the instructor and the Dean of the College. Otherwise he will be marked "F" in the subject.

"N" is given following the number of hours in a hyphenated course where the second semester must be completed in order to receive credit for the first semester's work, such as foreign language, chemistry, etc. It represents that the work has been completed to that point, but gives no credit toward graduation until the entire course is completed.

ATTENDANCE

Students are required to attend all the regular exercises of the courses given in classroom or laboratory for which they are registered and Chapel. All absences are reported to the Dean's office. *Absence from class, laboratory, or Chapel for any cause is a loss to the student and will be so treated by those in charge when making their reports for the semester.*

Students who are absent must procure an excuse slip from the Dean's office before re-entering class. Women report to the Dean of Women and men to the Dean of the College. Students receiving excuse slips will present them to their respective instructors on their return to class, excuses for absences from Chapel to the respective Deans. The action of the Deans will be final in each case.

Students coming late to class or assembly, if permitted to enter at all, are regarded as absent unless the matter is adjusted on request of the student at the close of the hour, and is satisfactory to the Instructor.

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SCHOLARSHIP AND REPORTS

Parents or guardians of Freshmen or special students will be notified of unsatisfactory or failing work at the end of the first nine weeks of each semester, and any student failing in two-thirds of his class work will be automatically dropped from the college at the end of the semester. At the end of the sophomore year a student whose grade points do not equal his semester hours may be dropped from college.

HONORS

Four classes of honors are recognized at Whitworth College.

1. SEMESTER HONORS: Granted to students carrying fourteen semester hours of work and making twenty-nine grade points. Students carrying more than fourteen semester hours must make two additional points for each semester hour, in order to win honors. Perfect chapel attendance adds one grade point for the semester.

2. CLASS HONORS: The class receiving the highest general average for the semester will be entitled to receive the W. L. McEachran Class-Trophy to hold for the succeeding semester.

3. YEAR HONORS: Granted to students making first and second semester honors entitling such students to honorable mention at commencement exercises.

4. GRADUATION HONORS: A student will be graduated *cum laude* if he has won an average of two and three-tenths grade points; *magna cum laude* if he has won an average of two and seven-tenths grade points; and *summa cum laude* if he has won an average of two and nine-tenths grade points. To win graduating honors a student must have been in residence at Whitworth three of his four college years. The required points are based on 124 semester credit hours for graduation.

ADMISSION REQUIREMENTS

Graduates of accredited high schools, who are in the upper three-fourths of the graduating class are admitted to full freshman standing. In special cases, students from the lower one-fourth of the class will be admitted on probation. Those not graduates of accredited high schools may gain admission for full freshman standing by passing the College Entrance Board examination.

On or before registration the student must present or have sent to the College a testimonial of good character from his school principal or his church pastor and a transcript of all subjects pursued in his high school course, together with a statement or other evidence of graduation.

Thirty high school credits are required for entrance. A credit stands for five recitations or laboratory periods per week pursued for a semester. Recitation periods of 45 minutes, laboratory periods of 90 minutes and a semester of 18 weeks are considered minimum requirements.

The following subjects are the usual requirements for entrance to colleges of the Northwest Association, of which Whitworth is a member.

- | | |
|---|-----------|
| 1. Three years of English..... | 6 credits |
| 2. Two years of Mathematics: | |
| Algebra | 2 credits |
| Plane Geometry..... | 2 credits |
| 3. *Two years of Foreign Languages..... | 4 credits |
| 4. One year in American History and
Government | 2 credits |
| 5. *One year in a laboratory science..... | 2 credits |
| 6. Twelve additional credits from subjects
accepted by an accredited high school.
Not more than eight credits may be of-
fered from vocational subjects. | |

Definite laboratory work is required in biology, chemistry, and physics.

*Deficiencies in foreign languages and laboratory science may be added to the curriculum prescription and

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college credits will be given for such courses, providing thirty high school credits have been presented for entrance. Other deficiencies must be made up without college credit.

REQUIREMENTS FOR GRADUATION

The College year is divided into two semesters of eighteen weeks each. A semester hour consists of one hour per week of lecture or recitation pursued for a semester. Two to three hours of laboratory work is equivalent in credit to one hour of lecture or recitation. One hour of lecture or recitation pre-supposes at least two hours of preparation on the part of the student.

Fifteen hours is the usual load carried. Without special action of the faculty a student may not carry more than sixteen hours of college work, except in case of honor students, who may carry eighteen hours.

In order to graduate, a student must earn at least 124 semester hours of college credit, and he is also required to earn an equal number of grade points.

A reading knowledge of one foreign language is required for graduation. This will be determined by special examination taken any time during the Freshman or Sophomore years or by taking two years' work in College in one language.

In some cases, permission may be granted by the faculty committee to students to substitute courses in English for language requirements.

SPECIAL REQUIREMENTS

The following courses are required of all students who expect to receive the degree of Bachelor of Arts or Sciences:

English 1 and 2	6 hours
Personal Hygiene (Women Students)	1 hour
Laboratory Science (Chemistry, Biology or Physics)	10 hours
History or Social Science	5 hours
Public Speaking (Preferably taken in freshman year)	2 hours
Foreign Language (See above)	

Bible and Christian Education.....	8	hours
(Six hours must be in Bible, two hours can be in the field of Christian Education.)		
Psychology	3-4	hours
Philosophy	3	hours
Physical Education	4	hours
(Only 4 hours of regular gymnasium work shall be counted towards the required 124 semester hours for graduation.)		
Upper Division Courses, at least.....	40	hours

MAJORS AND MINORS

The student must elect a major course not later than the close of the sophomore year. A major shall consist of not less than twenty-four nor more than forty-eight hours in any one department. The student also must elect at least one minor study which is to be approved by the head of the department in which the major is taken. A minor shall consist of not less than sixteen hours. The requirements for majors and minors are set forth in the departments where the offerings are listed.

In the case of transfer students, 12 hours of their major field must be taken at Whitworth College.

INDIVIDUAL STUDY

Individual study may be undertaken only by students in the upper division who have demonstrated a capacity for work of high quality and for initiative and independence in study.

Such work must be approved by the Instructor and Dean of the college.

DIVISIONAL ORGANIZATION

I. DIVISION OF LETTERS AND FINE ARTS

1. Department of Classical Languages
2. Department of Dramatic Arts and Speech
3. Department of English
4. Department of Library Science
5. Department of Modern Languages
6. Department of Music

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II. DIVISION OF NATURAL SCIENCES

1. Department of Biology
2. Department of Chemistry
3. Department of Home Economics
4. Department of Mathematics, Physics, and Engineering
5. Department of Nursing

III. DIVISION OF SOCIAL SCIENCES

1. Department of Bible and Christian Education
2. Department of Economics and Business Administration
3. Department of Education, Psychology and Philosophy
4. Department of History and Political Science
5. Department of Physical Education.
6. Department of Sociology

REQUIREMENTS IN A DIVISION

Each of the divisions constitute a field of concentration. A minimum of 40 semester hours, including the major requirements must be completed in the field of concentration containing the major subjects.

LOWER AND UPPER DIVISION

The subjects offered at Whitworth College are divided into lower and upper divisions. The lower division subjects consist of foundation courses designed primarily for Freshmen. Ordinarily lower division students are not permitted to enroll in upper division courses.

Upper division courses presume the satisfactory completion of foundation courses and are intended for junior and senior students only. A minimum of forty upper division hours is required for graduation.

A satisfactory arrangement must be made with the instructor before a senior will be enrolled in a lower division course.

INVESTITURE

Every year just before Commencement arrangements are made for investiture services at which all graduating seniors are required to wear the academic dress denoting their academic status. These occasions together with the Baccalaureate and Commencement services constitute the formal ceremonies of the year.

CLASSIFICATION

Students credited with a minimum of the following semester hours will be promoted to a higher classification:

Freshman to Sophomore, 28 hours and 28 grade points.

Sophomore to Junior, 60 hours and 60 grade points.

Junior to Senior, 90 hours and 90 grade points.

DEGREES GRANTED

The degrees of Bachelor of Arts and Bachelor of Science are granted, according to the courses pursued.

BACHELOR OF EDUCATION DEGREE

Any student having completed the five-year teacher training course may receive a degree of Bachelor of Education if he has satisfied the following conditions:

1. Has received a Bachelor of Arts or Bachelor of Science degree from an accredited institution.

2. Has fulfilled the requirements for the Three-year Secondary Certificate.

3. Has thirty semester hours of residence work at Whitworth College beyond the bachelor's degree.

4. Has twenty-six semester hours in education, including the sixteen required for certification, of which at least ten semester hours have been earned at Whitworth College.

5. Has at least ten semester hours in the teaching major and five hours in the teaching minor which have been earned at Whitworth College.

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REQUIREMENTS FOR THE MASTER'S DEGREE

Any student who holds a bachelor's degree from an accredited college may make application for a Master's degree at Whitworth College.

The minimum requirements are: Candidates must complete thirty semester hours of which no grade is below B and of which not more than six semester hours can be transferred from another institution having approved standing.

Eighteen semester hours must be completed in the major field of which six semester hours are given to the thesis.

The candidate may select with the approval of the committee in charge one minor of twelve semester hours or two minors of six semester hours each.

Any candidate for the Master's degree enrolled in a course open to under graduates must do additional work for credit.

Not later than three weeks before the commencement at which a graduate degree is sought, the candidate must appear before the graduate committee for a comprehensive oral examination on his field of study and on his thesis.

PRE-PROFESSIONAL PROGRAMS

Primarily, Whitworth College is a Liberal Arts institution giving a broad cultural background for a virile Christian citizenship.

The following schedule will be found of value to students who are planning to take later training in a technical or professional school. All candidates for degrees from Whitworth College must satisfy the requirements for graduation.

The following Vocational and Pre-Professional courses may be had in Whitworth College:

BUSINESS ADMINISTRATION

During the last few years the demand for courses in business administration has been growing rapidly. The departments of economics and business administration are combined so that one may take his major in economics as well as a major in business administration.

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Principles of Economics.....	3	3
Intro. to Business.....	2	2
English.....	3	3
Public Speaking.....	2	--
Religious Education.....	--	2
Lab. Science, or Math., or Foreign Language.....	3-5	3-5
Psychology.....	2	2
Total Hours.....	15	15

SOPHOMORE YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Business Law.....	2	2
Introduction to Sociology.....	3	--
Argumentation.....	2	2
Economic Geography.....	--	3
Society and Institutions.....	--	3
Applied Psychology.....	--	3
Electives.....	9	3
Total Hours.....	16	16

JUNIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Economic History of U. S.....	3	--
Money and Banking.....	--	3
Labor Problems.....	--	3
Marketing.....	3	--
Accounting.....	3	3
Electives.....	7	7
Total Hours.....	16	16

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SENIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Advanced Economics.....	2	2
Business Finance.....	3	—
Transportation.....	—	3
Public Finance.....	—	3
Philosophy.....	3	—
Electives.....	8	8
Total Hours.....	16	16

PRE-DENTAL COURSE

The following curriculum is recommended for the pre-professional work in dentistry:

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
English.....	3	English.....	3
General Chemistry.....	5	General Chemistry.....	5
Biology 11.....	5	Biology 50.....	4
Mathematics.....	4	Mathematics.....	4
Phys. Educ.....	1	Phys. Educ.....	1
	18		17

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Physics.....	5	Physics.....	5
Organic Chemistry.....	4	Organic Chemistry.....	4
Psychology.....	3	Christian Education.....	2
Electives.....	2-3	Electives.....	3
Phys. Educ.....	1	Phys. Educ.....	1
	15-16		15

PRE-ENGINEERING COURSE

The following subjects are recommended for pre-engineering. Students making a better than average grade in pre-engineering work will be able to complete their engineering degree in some of the best engineering schools with two years of additional work. It would take longer for others to complete the requirements for the engineering degree, depending upon their ability. Other

schools may require three more years of engineering work for the degree, while some schools require that the full four years be spent with them.

FIRST YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Math. 11-12, General Mathematics.....	4	4
Chem. 1-2, General Chemistry.....	5	5
Engineering 3, Engineering Drawing.....	2	--
Engi. 4, Descriptive Geometry.....	--	4
Engi. 5-6, Shop.....	1	1
English 1-2, Composition.....	3	3
	<hr/>	<hr/>
	15	17

SECOND YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Math. 51-52 Calculus.....	4	4
Physics 11-12, Engineering Physics.....	5	5
Economics 1-2, Principles.....	3	3
Engi. 16, Plane Surveying.....	--	3
Psychology.....	3	--
	<hr/>	<hr/>
	16	15

PRE-LAW COURSE

A combined six-year Liberal Arts and Law Course giving a Bachelor of Arts and Bachelor of Law Degrees.

This course has been arranged so that the student may take the first three years of his college course in Whitworth, and then enter a recognized law school and be graduated with a Bachelor of Arts degree from Whitworth College, after completing the first year of the regular law work. This will make it possible for a student to complete both his Liberal Arts college work with a Bachelor's degree and his law course in six years. The courses are so arranged in the freshman and the sophomore years that the student who desires to transfer at the end of the second year of college work to a

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law school which will admit him with two years of Liberal Arts work may do so.

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
English	3	3
Introduction to Economics	3	3
Language	3-4	3-4
European History	3	3
Public Speaking	2	—
Christian Education	—	2
Psychology	2	2
	—	—
Total Hours	16-17	16-17

SOPHOMORE YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
English	3	3
Political Science	3	3
Economic Geography	—	3
Economic History	3	—
Int. to Business	2	2
Argumentation	2	—
Christian Education	—	2
Electives	3	3
	—	—
Total Hours	16	16

JUNIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Political Science or History	3	3
Sociology	5	—
Labor Problems	—	3
Business Finance	3	—
Public Finance	3	—
Money and Banking	—	3
English	3	—
Christian Education	—	2
Electives	—	5
	—	—
Total Hours	17	16

PRE-MEDICAL AND PHARMACY COURSE

The following four-year curriculum is recommended for the pre-professional work in medicine and pharmacy:

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
General Chemistry.....	5	General Chemistry.....	5
English.....	3	English.....	3
German or French.....	3 or 5	German or French.....	3 or 5
Mathematics.....	4	Mathematics.....	4
	<hr style="width: 100%;"/>		<hr style="width: 100%;"/>
	15-17		15-17

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Qualitative Analysis.....	5	Quantitative Analysis.....	5
German or French.....	3 or 5	German or French.....	3 or 5
Biology.....	5	Biology 50, Comp. Anat.....	4
Christian Education.....	2	Pub. Speaking.....	2
	<hr style="width: 100%;"/>		<hr style="width: 100%;"/>
	15-17		16

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Organic Chemistry.....	4	Organic Chemistry.....	4
Physics.....	5	Physics.....	5
Embryology.....	4	Economics.....	3
Psychology.....	3	Electives.....	4
	<hr style="width: 100%;"/>		<hr style="width: 100%;"/>
	16		16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Christian Education.....	2	Organic Preparations.....	2
Parasitology.....	4	Bacteriology.....	4
Heredity.....	2	American Government.....	3
Electives.....	9	Christian Education.....	2
	<hr style="width: 100%;"/>	Economics.....	4
	15		<hr style="width: 100%;"/>
			15

WHITWORTH COLLEGE

SOCIAL SCIENCE MAJOR

OPTION I

Economics	12	Semester hours
History and Political Science	12	Semester hours
Sociology	12	Semester hours
Total	36	

*OPTION II

15 Semester hours in each of two of these fields and six semester hours in the third.

*Should also include statistics, Education 54. Majors in either option should consult with the professors of all three departments represented.

NURSING CURRICULUM

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Subject	Hours	Subject	Hours
English Composition	3	English Composition	3
Human Anatomy	3	Nutritional Physiology	3
Chemistry	5	Chemistry	5
Physical Education	1	Physical Education	1
Social Science	3	Christian Education	2
	—	Public Speaking	2
	15		—
			16

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
Subject	Hours	Subject	Hours
Chemistry, Organic*	2	Chemistry, Organic*	2
General Psychology	3	Nutrition	3
Language	5-3	Language	5-3
Elec. in non-related Div.	3-5	Electives in non-related Div.	2
Social Science	2	Christian Education	2
Physical Education	1	Comparative Anatomy	5
	16		17

(Junior Credits received from Hospital)

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Subject	Hours	Subject	Hours
Philosophy	3	Heredity & Eugenics	2
Christian Education	2	Integrational Physiology*	3
Embryology	4	Electives in non-related Div.	9
Electives in non-related Div.	4		—
Physical Education	1		14
	14		

Note: This course as outlined should be followed as closely as possible. Any changes must be made with the consent of the Head of Biology Department and the Registrar. The courses starred will be arranged as scheduled, or during one summer term.

The above curriculum is designed to give a student the Bachelor of Science degree at Whitworth College when an additional three full years of training in an accredited hospital has been satisfactorily completed.

It is recommended that the Freshman and Sophomore years as outlined above, be taken before entering the hospital and that the senior year be taken following graduation from the hospital. In case of graduate nurses, the three years of college work may be taken consecutively.

It is recommended that nursing students choose courses in the following fields for their electives: Literature, Latin, Education, Psychology, and Social Science.

The course of study covers all the requirements of the Washington State Graduate Nurses' Association for advanced standing enabling a student to complete her hospital training in certain hospitals in two and one-half years; leaving the last six months in the hospital to be spent in advanced work in one of the special fields of nursing such as: pediatrics, surgery, etc. Courses in administrative problems will be taught in certain hospitals by accredited members on the hospital staff and accepted by the college as upper division work in the major field.

Graduate nurses may obtain a Bachelor of Science degree upon the completion of three years college course herein outlined, or its equivalent to be determined by conference. Students wishing to enter a hospital training school before the end of the second year of pre-nursing may do so, but will not receive their B. S. degree until the remaining two years of college work is completed.

WHITWORTH COLLEGE

DESCRIPTION OF COURSES

Departments are arranged in alphabetical order. The list of courses numbered from 1 to 49 are courses open primarily to Freshmen and Sophomores and are designated as lower-division work. The courses listed as 50 or above are open in most cases only to Juniors and Seniors and constitute upper-division work. The courses listed as 100 or above constitute graduate work. Odd numbers, as a rule, refer to first semester courses, and even numbers to second semester courses. The term "hour" means a semester hour of credit. Laboratory courses involve from two to three hours of laboratory work for one semester hour of credit. Courses starred are not given in 1939-40 except when circumstances may require; and others may be withdrawn if enrollment is too small.

DIVISION OF LETTERS AND FINE ARTS

Department of Classical Languages
Department of Dramatic Arts and Speech
Department of English
Department of Library Science
Department of Modern Languages
Department of Music

CLASSICAL LANGUAGES

Mrs. Bachimont

The purpose of this department is to enable the student to read Greek and Latin with some ease and pleasure and to acquaint him with some of the masterpieces of the literature of these languages.

Special emphasis will be placed on the great contribution of Greek and Latin to our own culture and civilization and the great necessity of Latin for the thorough mastery of the English language.

A minor may be taken in Classical Languages.

LETTERS AND FINE ARTS

Greek

- 1-2. ELEMENTARY GREEK *Four hours each semester*
Grammar, vocabulary, and easy reading.
- 3-4. INTERMEDIATE GREEK *Three hours each semester*
Selections from Xenophon's Anabasis, as well as selections from other Greek writers.
- 53-54. HOMER'S ILIAD AND ODYSSEY
Three hours each semester
- 55-56. NEW TESTAMENT IN GREEK
Three hours each semester
- 57-64. OTHER WORKS IN GREEK, AS PLATO, SOPHOCLES, ETC., with a study of Greek life and literature
Three hours

Latin

- 1-2. BEGINNING LATIN *Four hours each semester*
Grammar, vocabulary, and easy reading of Roman stories and selections from Caesar.
- 3-4. INTERMEDIATE LATIN *Three hours each semester*
Selections from Caesar, Cicero, and other Roman Literature will be studied.
- 11-12. ROMAN CIVILIZATION
Two hours each semester
A review of Roman history together with a study of the private life of the Romans. Knowledge of Latin not required.
- 51-52. THE AENEID AND OVID
Three hours each semester

DRAMATIC ART AND SPEECH

Miss McLeod

1. FUNDAMENTALS *Two hours one semester*
Designed to develop in the student ease and self confidence. The emphasis of the course is upon the body as an expressive agent. Work in elementary phonetics is started in the first semester.

WHITWORTH COLLEGE

2. FUNDAMENTALS *Two hours one semester*

The voice as a medium of expression is the basis of the course. Common reading is an important phase of the work offered. Application of the study of phonetics given in the previous semester is constantly being made. It is strongly advised that Speech 1 and 2 be taken the same year.

3-4. LITERARY INTERPRETATION *Two hours each semester*

The aims of this course for the first semester are to aid the student in comprehending the intellectual and the emotional meaning as intended by the author and to give such techniques as will enable him to give that meaning to others.

In the second semester less emphasis will be placed upon the technical phases and more upon the individual interpretation of selections more difficult than those used the first semester. Cutting of and the adaptation of material to a given time will be a part of the work of the course. Prerequisites: 1 and 2.

5. ARGUMENTATION AND DEBATE *Two hours one semester*

A study of the theory and practice of debate. Practice in finding material, construction of main argument, rebuttal, and delivery. Students who are planning to enter intercollegiate debating are advised to take this course.

6. DEBATE *One or two hours one semester*

A laboratory course in debating. Only members of the debate squad admitted to this course.

52. PUBLIC SPEAKING *Two hours one semester*

Practical public speaking; a study in selection, organization and presentation of speech material. Practice in prepared and impromptu speaking will be given in the class room. Actual public platform work will be required of students in this course given in alternate years.

57. ACTING AND MAKE-UP *Three hours first semester*

The aims of the course are to develop the individual through the interpretation of various roles; to guide students in the reading of plays in such a way as to gain the full intent of the playwright, and in interpreting that intent to the audience through the medium of the actor; to direct students in making up characters in such a way that the playwright's intent will be emphasized. Prerequisites: 1 and 2.

LETTERS AND FINE ARTS

58. SCENERY AND DIRECTING

Three hours second semester

The emphasis of this course will be upon the realization of the author's complete meaning through the "environment" of the play: Lighting, settings, costume, and properties. The course will consist of the study of the principles of color harmony, composition, balance, and line as they relate themselves to stage design; the study of the lighting of a stage, making of stage scenery, and actual practice in the directing, lighting and setting of a one-act play. Prerequisite: 57.

ENGLISH

Miss Magill

Mrs. Bachimont

Miss McLeod

A major in English consists of at least thirty semester hours; a minor, at least sixteen hours. Courses 1 and 2 do not count on a major or minor. Required courses are 1, 2 (or 8), 25, 26, 55, 56, 57, 58, 69 and 70.

1-2. ENGLISH COMPOSITION

Three hours each semester

A general course in rhetoric and composition, including a review of grammar. The principal aims of the course are (1) clear thinking; (2) correct and effective expression in speaking and writing; and (3) intelligent reading. Many written themes are required. The work is supplemented with reading, in the choice of which the student is allowed considerable latitude. The Department gives that knowledge of the English language and its literature which is necessary as both a practical and a cultural foundation for education. English 1 is required of all freshmen. Students who do excellent work in English 1 may be excused from English 2.

*8. ADVANCED COMPOSITION

Two hours second semester

Open to students who have done outstanding work in English 1. Effort is made to adapt this course to the needs of the majority of the students; but emphasis usually falls upon the study and the practice of the principles of creative writing, based upon models in current magazines.

WHITWORTH COLLEGE

9-10. INTRODUCTION TO JOURNALISM

Two hours each semester

Open to all students who have taken or are taking ENGLISH COMPOSITION. The gathering of news, the writing of news stories and feature articles, the writing of dramatic and other literary criticism, the editing of news, the writing of headlines, and the making-up of the newspaper are some of the subjects that are studied in this course. Practical work on the *Whitworthian* under guidance, constitutes the main part of the exercises required.

25-26. SURVEY OF ENGLISH LITERATURE

Three hours each semester

Open to all but freshmen. This course aims to give to the student a comprehensive view of the whole field of English literature and to give the necessary background for more specialized courses. It traces the development of English literature from *Beowulf* to the present. It endeavors, by the study of literary types, to acquaint the student with such principles and standards of good taste as will enable him to read with pleasure and appreciation.

27-28. INTRODUCTION TO THE DRAMA

Three hours each semester

A study of the origin and the development of the drama and of the history of stagecraft and dramatic art. Emphasis is placed on selected readings from the field. Part of the second semester is devoted to the study of contemporary plays.

55-56. WORLD LITERATURE

Three hours each semester

A study of representative masterpieces (translated) of the leading nations of the world. Selections are studied from the epic, the lyric, the drama, history, biography, philosophy, oratory, literary criticism, satire, and sacred literature.

57-58. AMERICAN LITERATURE

Two hours each semester

A study of the growth of American literature from its beginning to the present through the work of the principal writers of the successive periods. The aim of the course is to lead the student, through the reading of masterpieces, to realize that literature is a great source of comfort, joy, and inspiration, and to desire to gain a rich cultural background of ideas. The emphasis is upon appreciation.

LETTERS AND FINE ARTS

- S59. SURVEY OF AMERICAN LITERATURE *Three hours*
- S60. SURVEY OF ENGLISH LITERATURE *Three hours*
- *61. THE SHORT STORY *Two hours second semester*
A study of the technique, types, and history of the short-story; its characteristics as differentiated by nationality and personality. The course requires comprehensive reading and gives some opportunity for writing.
- *66. NINETEENTH CENTURY POETRY *Two hours first semester*
A study of the chief English poets of the Romantic and the Victorian periods. This course is recommended to those who are majoring in English.
- *67-68. EIGHTEENTH CENTURY LITERATURE *Three hours each semester*
A study of the literary and social ideas reflected by the leading poets and prose writers from Swift to Burns, with special emphasis on Dr. Samuel Johnson and his group.
- *69. SHAKESPEARE'S COMEDIES *Three hours first semester*
An intensive study of the chief comedies with a rapid reading of and reports on others. Collateral reading will be required on Elizabethan life and customs. Offered in alternate years.
- *70. SHAKESPEARE'S TRAGEDIES *Three hours second semester*
The same method is followed in the study of Shakespeare's tragedies as in the study of the comedies, English 69.
- S71. SURVEY OF SHAKESPEARE *Three hours*
- 101-102. BROWNING *Three hours each semester*
A graduate course, required of English majors who expect to teach. The principal objectives are these: (1) To acquaint the student with all the works of Robert Browning; to inspire him to read Browning with real enthusiasm; (2) to make him thoroughly familiar with background materials necessary for understanding Browning's poetry; especially to familiarize him with the Victorian Period; (3) to give him an introduction to graduate study. During the year the student prepares two research papers.

WHITWORTH COLLEGE

LIBRARY SCIENCE

Miss Serier

70. CATALOGING AND CLASSIFICATION

Three hours first semester

An introductory course with special application to the high school library. The laboratory work provides for practical experience in cataloging a wide variety of books. (For seniors and fifth year students).

71. ORGANIZATION AND ADMINISTRATION

Two hours second semester

A course designed to give a thorough knowledge of the organization and administration of the high school library. It includes a study of the function of the high school library, cooperation with departments, business practice, budgets, records, charging, mending, accessioning, equipment, library staff, attendance and programming, circulation and publicity. Laboratory work in the college library. (For seniors and fifth year students.)

MODERN LANGUAGES

Mr. Bachimont

The courses in this department are intended to serve two main purposes: (1) To enable the students of various departments to read foreign literature dealing with their major or minor subjects for purposes of scientific information and research and for application in all walks of life; (2) To afford a purely literary training and to create in the student an interest in the language as a source of aesthetic pleasure and cultural as well as human value.

A major in French or German consists of at least 24 hours. A minor in German or French requires at least 16 hours. French and German 1 and 2 do not count on either a major or a minor.

The elementary courses have been planned to meet the needs of those who began the work in high school, as well as those who take it up for the first time.

French

1-2. ELEMENTARY FRENCH *Five hours each semester*

Grammar, vocabulary, pronunciation, conversation and reading of texts in prose and verse, as well as supplementary reading to create a reading knowledge.

LETTERS AND FINE ARTS

3-4. INTERMEDIATE FRENCH

Three hours each semester

Selected readings and independent or supplementary reading of modern prose, drama and verse. Advanced grammar, vocabulary building, idioms, conversation, composition, reports and papers.

5-6. SCIENTIFIC FRENCH *Two hours each semester*

A course designed to give the student a reading knowledge of technical and scientific French. Each student will read the literature of the science in which he is particularly interested. Prerequisite: A knowledge of the fundamentals of French grammar and composition.

51-52. SURVEY OF FRENCH LITERATURE

Three hours each semester

A survey tracing the development of the French language and literature in connection with the history of French civilization from its earliest times up to the present time with lectures in English and collateral reading of English translations. Those who have studied French sufficiently will be assigned French texts to read by arrangement with instructor.

53. THE DRAMA OF THE 17TH CENTURY

Two hours one semester

The classic drama of Corneille, Racine, and Moliere will be studied. Reports and outside reading required.

54. THE MODERN DRAMA *Two hours one semester*

Reading and study of the 19th and 20th century dramatists.

61. ADVANCED COMPOSITION AND CONVERSATION

Two or three hours one semester

The course seeks to develop in the student the ability to express himself freely in French both in conversation and in written work. A thorough knowledge of French grammar is essential. Prerequisite: French 3-4.

62. METHODS OF TEACHING FRENCH

Two hours one semester

Thorough drill in phonetics and pronunciation and consideration of the methods of teaching and examination of texts and courses of study. Especially intended for those who intend to teach French.

WHITWORTH COLLEGE

63. FRENCH SHORT STORY

One to three hours one semester

A course covering the short story from its beginnings to the present day. Especially adapted as supplementary work for extra credit.

71. FRENCH NOVEL

Three hours one semester

A survey of modern French fiction.

72. FRENCH POETRY

Three hours one semester

The best poetry and lyrics since the sixteenth century, especially those of Lamartine, Hugo and Musset.

GERMAN

1-2.

ELEMENTARY GERMAN *Five hours each semester*

Grammar, vocabulary, pronunciation, conversation, reading of easy prose and verse. Supplementary reading to create a reading knowledge.

3-4.

INTERMEDIATE GERMAN

Three hours each semester

Selected readings and independent or supplementary reading of modern prose, drama, verse as well as a brief survey of German literature and civilization. Grammar review, vocabulary building, idioms, conversation, composition, reports.

5-6.

SCIENTIFIC GERMAN *Two hours each semester*

A course primarily for science majors. Reading and study of selected texts with vocabulary and principles of grammar peculiar to scientific German. Fluency of reading and writing emphasized, composition and outside reading, including latest books and current science articles. Reports and term papers. Prerequisite: German 3 and 4.

51-52.

SURVEY OF GERMAN LITERATURE

Three hours each semester

A tracing of the German language and literature from the beginnings to the present time in connection with Germany's history. Extensive reading, reports and papers are required. This course is open also to non-language students, especially students majoring in history and political science.

LETTERS AND FINE ARTS

53. GERMAN CLASSICISM *Two hours one semester*

The classical period of German literature and life and works of the great classicists, such as Lessing, Goethe and Schiller are read and studied, and lectures and discussions given. Reports and papers are required.

54. THE MODERN DRAMA AND RECENT WRITERS *Two hours one semester*

The 19th century drama up to the present.

61-62. COMPOSITION AND METHODS OF TEACHING GERMAN *Two hours each semester*

The first semester covers an intensive grammar review, composition and dictation work, as well as vocabulary and conversational drills. The second semester methods used today in the teaching of modern languages in high schools and colleges and standard and new and latest texts are read and studied. The course is offered especially for students who intend to teach German.

63. DIRECTED READING *One to three credits each semester* Supplementary reading course for additional credit.

71. THE GERMAN NOVEL *Two hours one semester* A survey of modern German fiction. Intensive and extensive reading with reports.

72. GERMAN POETRY *Two hours one semester* The wealth of German poetry will be traced from earliest times to the present day. The poetry of Goethe, Schiller and Heine will be especially read and studied together with extensive reading.

101-102. COMPARATIVE LITERATURE *Three hours each semester* Inter-relations of German and English literature. Lectures, and written and oral reports. For advanced students.

MUSIC

Mr. Uhe, Director
Mrs. Hopkins, Voice Instructor
Mrs. Carrel, Piano Instructor

Major work is offered in applied music (voice, piano, or violin).

WHITWORTH COLLEGE

To be recommended for a music major a student must secure the minimum of twenty credits in applied music and twenty-eight credits in theoretical music, including the following courses: 1-2, 3-4, 5-6, 21-22, 55-56. The credits in applied music must be approved at the end of each semester by the instructor and the musical director. Their judgment will be based on the progress shown by the student in private lessons and in public appearances. The student will be expected to appear in recital at times to be designated by the instructor. All who major in instrumental music are required to take orchestra each semester. All voice majors are required to take chorus each semester.

To be recommended for a minor in theory, the student must secure a minimum of eighteen credits including the following courses: 1-2, 3-4, 5-6. Not more than eight credits earned in band, orchestra, and chorus will be accepted in fulfillment of the requirements for graduation.

Suggested Program for Major Students

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
English	3	3
Foreign Language	5	5
Christian Education	2	2
Music 1-2—Theory	3	3
Music 13-14—Chorus, or 15-16—Orchestra	1	1
Physical Education	1	1
Music 17-18—Applied	2	2
	—	—
	17	17

SOPHOMORE YEAR

Foreign Language	3	3
General Psychology	2	2
Music 21-22, Hist. & Appreciat.	3	3
Music 3-4, Harmony	3	3
Music 25-26, Applied Music	2	2
Music, Orchestra, Chorus, or Band	1	1
Electives	—	3
Physical Education	1	1
	—	—
	15	18

LETTERS AND FINE ARTS

JUNIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Christian Education	2	—
Philosophy	—	3
Laboratory Science	5	5
Music 55-56, Form and Analysis	2	2
Music 5-6, Dictation & Sight. S.	3	3
Music 51-52, Applied Music	3	3
Electives	1	—
	16	16

SENIOR YEAR

Christian Education	—	2
Social Science	5	—
Music 61-62, Applied	3	3
Music Electives	3	3
Electives	5	8
	16	16

1-2. SOLFEGGIO AND EAR TRAINING

Three hours each semester

The aim of this course is to teach the pupil to think in tones, and so to train the feeling and the ear that he may learn to sing, name, play, and write what he hears. This implies a knowledge of rhythmic, harmonic, and formal elements of music. This is done through dictation and sight-singing by letter in all the clefs. The course is conducted on a laboratory basis. For beginners.

3-4. HARMONY

Three hours each semester

Prerequisite: Music 1-2 or equivalent.

Study of harmony, including the harmonization of melodies, modulations, chromatic alterations, and transpositions. One lecture and two recitations weekly.

5-6. DICTATION AND SIGHT SINGING

Three hours each semester

Prerequisite: Music 1-2 or equivalent.

Three class meetings weekly. An advanced class in ear training, designed to follow the work given in theory 1 and 2. Practice in melodic, rhythmic and harmonic dictation; sight singing in various clefs. Special emphasis on cultivation of pitch.

WHITWORTH COLLEGE

11-12. CHORAL STUDY *One hour each semester*

Two rehearsals weekly. Study and performances of some of the serious and lighter forms of choral compositions. Classical and modern works. Public performances of standard numbers. Candidates must satisfy the chorus conductor as to specifications, before registering for the course.

See special note regarding non-credit students.

13-14. COLLEGE BAND *One hour each semester*

Two rehearsals weekly. Open to students who are sufficiently proficient in the use of some instrument of the modern band. In addition to the regular rehearsals the band is required to play for special college functions.

See special note regarding non-credit students.

15-16. ORCHESTRA *One hour each semester*

Two or three rehearsals weekly. This course affords qualified students an opportunity for the study of the better grades of *orchestral compositions*. Public performances, and orchestral accompaniment of cantatas and operettas produced by the choral class. Prior to registration, applicants must get permission from the orchestral conductor.

See special note regarding non-credit students.

19-20. ELEMENTARY CONDUCTING

One hour each semester

Two class meetings weekly. This course is designed for those who have had no practical experience previously and begins with the study of the technic of the baton. It includes supervised experience in conducting, vocal, and instrumental groups. Must be taken two semesters for credit. Prerequisite: Music 1-2 or the equivalent.

21-22. HISTORY AND APPRECIATION OF MUSIC

Three hours each semester

Three meetings weekly: Two recitations and one devoted to listening to music. This course is a general survey of the great movements in the developments of the art of music from primitive man to the present time. Short papers will be required throughout the year.

55-56. FORM AND ANALYSIS

Two hours each semester

Prerequisite: Music 3-4.

Two class meetings weekly. Analysis of many examples of musical forms. Homophonic forms. Study of the larger forms of musical compositions.

LETTERS AND FINE ARTS

59-60. COUNTERPOINT *Two hours each semester*

Prerequisite: 1, 2, 3, 4, 5, 6.

Two class meetings weekly. The study of principles of contrapuntal writing in two, three, and four voices in the various "species" known as "strict counterpoint," and the writings of "inventions" in a free style.

61-62. ORCHESTRATION AND INSTRUMENTATION

Two hours each semester

Purpose of this course is to thoroughly familiarize the student with the instruments of the modern orchestra as regards their history, technical limitations, and orchestral use. Scores as well as the various orchestral clefs and transpositions will be studied in detail.

63. PIANO PEDAGOGY *One hour each semester*

One class meeting weekly. A study of methods and survey of materials for teaching piano, including group instruction for children. Outlining of courses of study. Teaching of advanced technique. Open to advanced students.

Special Note

Regarding courses 11-12, 13-14, 15-16, (choral study, band and orchestra.) With the instructor's consent, students may enroll for the work in these courses without receiving college credit. In this case, the work is to be regarded as extra-curricular (non-credit) and will not be included in the total of hours carried in determining student load. All students, however, wishing to participate must register regularly. When registering for any of these courses on a non-credit basis, the letter "x" must be added after the course number: Music 11x (chorus, without credit.) For non-credit course the fee is two dollars.

Applied Music

Work is offered in the departments of Piano (A); Voice (B); Violin (C); and other orchestral instruments brass or woodwind (D). When registering for these courses, the letter printed in parenthesis after the name of the department indicates the department in which the work is to be taken. Music majors who are deficient in piano technique may be required to take

WHITWORTH COLLEGE

from one to two years' work in piano as a part of the Applied Music requirement for a major. For a major in Applied Music two lessons a week are required in the senior year. A minimum of two hours' practice daily is required of students taking one lesson a week. This requirement is increased to three hours where the student is enrolled for two lessons a week.

- 17-18. A, B, C, or D APPLIED MUSIC (Freshman)
Two to four hours each semester
- 25-26. A, B, C, or D, APPLIED MUSIC (Sophomore)
Two to four hours each semester
- 51-52. A, B, C, or D APPLIED MUSIC (Junior)
Two to four hours each semester
- 61-62. A, B, C, or D APPLIED MUSIC (Senior)
Two to four hours each semester

Class Instruction

7-8. BEGINNING VOCAL CLASS

One hour each semester

Two class meetings weekly. A study of breathing, tone vocalized phrasing, recital song of a simple nature, enunciation and concert platforms experience. Special fee, six dollars per semester. No prerequisites. This course can be taken but once.

9-10. BEGINNING INSTRUMENTAL CLASS

One hour each semester

Three class meetings weekly. Solo and ensemble playing of elementary exercises and pieces. For beginners in any orchestra or band instrument. Special fee, six dollars per semester. No prerequisites.

Regulations

All music tuition fees are payable each semester in advance at the College office. Fees must be paid before students can be registered for course. Lessons lost through enforced absence may not be made up unless the instructor has been notified of the intended absence twelve hours in advance and is willing to accept the excuse for the absence. Tuition for lessons missed will not be refunded except in cases of extended illness, when the Music Department may share the loss equally with the student.

LETTERS AND FINE ARTS

Rates of Tuition for Music

The following fees are payable each semester in advance:

Courses 7-8, 9-10, class instruction, six dollars per semester.

Courses 11-12, 13-14, 15-16, for non-credit students two dollars per semester.

APPLIED MUSIC

(Courses 17-18; 25-26; 51-52; 61-62.)

Piano, Violin, and Voice:

One period per week, per semester.....	\$50
One-half period lesson per week, per semester.....	\$30

Piano Rental:

One hour a day, per semester.....	\$3.00
Two hours a day, per semester.....	\$4.00
Three hours a day, per semester.....	\$5.00

Instrumental Rent: Per semester..... \$5.00

Practice Studio, (does not include use of piano):

One hour a day, per semester.....	\$2.00
Two hours a day, per semester.....	\$3.00
Three hours a day, per semester.....	\$4.00

VIOLIN DEPARTMENT

Mr. Uhe, Head of the Music Department

SCOPE: A broad field of study is opened to the ambitious student in this department. He may perfect himself as a solo performer, a teacher, or a participant in orchestral and ensemble groups.

COURSE OF STUDY:

On the technical side, a carefully graded and thorough course of study is indicated in the development of the technic of the right as well as the left hand. On the interpretive side, equal care is taken to cultivate the stu-

WHITWORTH COLLEGE

dent's taste and to develop a sense of style, based largely on the compositions of the classic composers.

Instruction in violin and viola are given in individual lessons, except for certain preparatory work which may be obtained thru class lessons. (See Beginning Instrumental Class). Students are accepted in any degree of proficiency.

In order to maintain the minimum requirements for a violin or viola-major, it is assumed that the student enters with sufficient previous training to meet the requirements of Grade 1.

REQUIREMENTS FOR A MAJOR IN APPLIED MUSIC (Bachelor of Arts Degree)

Violin Department

GRADE 1 (Freshman Year)

First Semester: Alternating Kreutzer and Fiorillo etudes (one each week); Handel D-Major Sonata; Vivaldi Concerto in A Minor.

Second Semester: Continue Kreutzer and Fiorillo as above; Nardini Concerto in E Minor.

GRADE 2 (Sophomore Year)

First Semester: Continue Kreutzer and Fiorillo etudes; Viotti Concerto No. 20; Bach—movement from the six solo Sonatas, selected solos.

Second Semester: Continue etudes as above; Bach—movement from six solo Sonatas; Mozart G Major Concerto.

GRADE 3 (Junior Year)

First Semester: Rode Etudes; Bruch G Minor Concerto, first and second movements; a Mozart Sonata; Shorter solo pieces.

Second Semester: Continue Etudes as above; Bruch G Minor Concerto, last movement; short solo pieces.

GRADE 4 (Senior Year)

First Semester: Continue Bach, Mendelssohn Concerto in E Minor.

Second Semester: One Paganini Caprice. A Bach fugue. Prepare program for public performance.

LETTERS AND FINE ARTS

PIANO DEPARTMENT

Mrs. Carrel, Instructor

SCOPE: This department aims to develop not only pianists but musicians. Technique is emphasized, but only as a means to an end. Fundamental defects are corrected by suitable remedies based upon scientific principles.

COURSE OF STUDY: Individual instruction is given in order that students of varied degrees of advancement may be enrolled. Students registered in any other department who wish to further their musical interest may also enroll in the piano course.

The following is an outline of what a student must accomplish to meet the requirements of a piano major (Bachelor of Arts degree).

GRADE 1 (Freshman Year)

First Semester: Scales in moderate tempo—four octaves; arpeggios in moderate tempo—four octaves. Studies such as: Heller, Czerny, Preludes and two part-inventions by Bach. Haydn Sonatas.

Second Semester: Continue scales and studies as above. Pieces by Mendelssohn, Schubert, Schumann, Chopin, Grieg. Selections from the Classical and Romantic school of similar grade.

GRADE 2 (Sophomore Year)

First Semester: Etudes by Cramer and Czerny Opus 740. Parts of the Bach French suites and three part inventions.

Second Semester: Etudes as above. Sonatas by Mozart and Beethoven. Selections from Classical and Romantic schools.

GRADE 3 (Junior Year)

First semester: Etudes by Clements, Study of trills, mordents and other embellishments. Bach English suites, well tempered clavichord.

Second Semester: Continue Etudes. Beethoven Sonata Opus 10 Number 3. Selections from the Classical, Romantic, and Modern schools.

GRADE 4 (Senior Year)

First Semester: Etudes of Chopin, Moszkowski. Well tem-

WHITWORTH COLLEGE

pered Clavichord of Bach. Beethoven Sonatas from Opus 13, 22, 26, 27, 31, 53.

Second Semester: Etudes as above. Compositions of Liszt, Mendelssohn, Brahms, Schubert, Schuman, and Chopin. Prepare concerto for public performance.

VOCAL DEPARTMENT

Mrs. Hopkins, Voice Instructor

SCOPE: The aim of this department is to give training to those planning for public work; for college men and women wishing to prepare for the teaching of music classes, the directing of glee clubs, choruses, and choirs; and for those seeking purely cultural ends.

Instruction is given in individual lessons, and students of any degree of advancement may enroll. Class instruction (see vocal class 7-8) is limited to the work of the elementary grades. Course credit is granted for all work completed.

Course of Study

GRADE 1 (Freshman Year)

First Semester: Clippinger Voice Class Method. Breath control, resonance, tone quality, vowel-formation, melodic exercises, songs, and their interpretation.

Second Semester: Continuation of the above plus stage presence, solos, duets and trios.

GRADE 2 (Sophomore Year)

First Semester: Clippinger Voice-Class Method continued. Vaccai and Concone's Thirty Daily Exercises, duets, and trios by American composers.

Second Semester: Lamperti's Daily Exercises, participation in student recitals, Spicker's Masterpieces of Vocalization—Book I plus a continuation of the above.

GRADE 3 (Junior Year)

First Semester: Spicker—Book 2, Lamperti's Studies in Bravura, Sieber's School of Velocity, songs, duets, and simple arias from opera, and oratorio.

Second Semester: Exercises continued, Junior Recital, consisting of an aria from an opera in Italian, French, or German, and group of oratorio songs.

NATURAL SCIENCES

GRADE 4 (Senior Year)

First Semester: Spicker—Book 3-4, especial attention to program material.

Second Semester: By the end of this year a repertoire of three operatic arias, in at least two foreign languages, three oratorio arias, twenty classic and twenty standard modern songs must have been acquired; also a knowledge of Recitative. The student must have sufficient piano study to play accompaniment of average difficulty. Recital at the end of the year.

DIVISION OF NATURAL SCIENCES

Department of Biology

Department of Chemistry

Department of Home Economics

Department of Mathematics, Physics and Engineering

Department of Nursing

BIOLOGY

Mr. Gustafson

Mr. Hewitt, Assistant

The program outlined below is designed to offer certain introductory subjects to pre-medical students and other students who do not wish to major in biology. It also affords an opportunity to persons who desire a biology major to study recognized and fundamental courses. A major in biology consists of 28 semester hours, which must include the following courses:

Biology 11, 12, 50, and any other biology courses recommended except 30 and 64.

A major will require, in addition to the biology courses, Chemistry 1 and 2, and two years of foreign language. Desirable electives for a biology major are Organic Chemistry, Physics, French, and German.

11. GENERAL ZOOLOGY *Five hours one semester*

Three-hour lecture and two two-hour laboratory periods. This is a course in the principles of animal biology; a laboratory study of zoological principles and morphology based upon a selected series of invertebrates and the frog. Laboratory fee \$6.00.

WHITWORTH COLLEGE

12. GENERAL BOTANY *Five hours one semester*

Three-hour lecture and two three-hour laboratory periods. *The first part covers the morphology and physiology of various plant structures; the second part includes the systematic study of certain types of plants, from the lowest to the highest; and a consideration of the economic importance of the various groups.* Laboratory fee \$6.00.

26. GENERAL BACTERIOLOGY

Four hours one semester

Two hours of lecture and two three-hour laboratory periods. Prerequisite: Biology 11 or 12, and preferably Chemistry 1 and 2. An introduction to the study of bacteria, yeasts, and molds. Special emphasis is placed upon the classification and economic importance of these organisms. Students are taught the correct methods of preparing different culture media and the proper uses of bacteriological stains. Laboratory fee \$6.00.

*28. ORNITHOLOGY *Three hours one semester*

Two-hour lecture and three hours of field work. Prerequisites: Biology 11, or junior standing and consent of the instructor. A study of birds, with emphasis upon the local fauna. The anatomy, classification, identification, migration, nesting habits, and food preferences of birds are considered.

30. HUMAN ANATOMY *Three hours one semester*

One lecture and two three-hour laboratory periods. A study of *the general structure of the human body through mammalian dissection, charts, models, and human skeletons.* Laboratory fee \$3.00.

*31. SYSTEMATIC BOTANY

Two hours second semester.

Two three-hour laboratory periods. Prerequisite: Biology 12. A course to enable the student to identify and classify the plants of the region. The work will consist of reading, field trips, and the study of herbarium material.

50. VERTEBRATE COMPARATIVE ANATOMY

Five hours one semester

Three-hour lecture and two three-hour laboratory periods. Prerequisite: Biology 11. A series of selected vertebrates are dissected; *the origin of the organs and their modifications in the different groups are emphasized.* Laboratory fee \$6.00.

NATURAL SCIENCES

52. VERTEBRATE EMBRYOLOGY

Four hours one semester

Two-hour lecture and two three-hour laboratory periods. Prerequisite: Biology 51. A study of the development of certain vertebrates. The early laboratory exercises deal with the maturation, fertilization, and development of the egg. Most of the laboratory work is devoted to the examination of chick and pig embryos. Laboratory fee \$6.00.

54. INTRODUCTION TO MARINE BIOLOGY

One hour one semester

One week of full-time work in spring or summer. Prerequisite Biol. 11 and 12. A field trip to various marine habitats in Washington will be augmented by assigned reading; a paper summarizing marine biology will be required. Laboratory fee \$6.00.

55. NUTRITIONAL PHYSIOLOGY

Three hours second semester

Two-hour lecture and one three-hour laboratory period. Prerequisites: Biol. 11 or 30 and at least one semester of chemistry. Lectures, quizzes, and laboratory concerning the human circulatory digestive and muscular systems. Laboratory fee \$3.00.

56. INTEGRATIONAL PHYSIOLOGY

Three hours one semester or summer session

Two-hour lecture and one three-hour laboratory period. Prerequisite: Physiology 55. Lectures, quizzes, and laboratory concerning physiology of nervous and reproductive systems, organs of the special senses and the endocrine glands. Laboratory fee, \$3.00.

*61. MICRO-TECHNIQUE AND HISTOLOGY

Four hours one semester

Two-hour lecture and two three-hour laboratory periods. Prerequisites: Biology 11 and 50 or equivalent. Lecture and laboratory study of the microscopic anatomy of the various organ systems of the higher vertebrates and man. The student will also be given an opportunity to learn the proper methods of fixing, sectioning and staining tissues. Laboratory fee \$6.00.

*63. HEREDITY AND EUGENICS

Two hours one semester

Two-hour lecture. Prerequisite: Biology 11 or 12. A study of the present day facts and theories regarding inheritance, with special application to plants, domestic animals, and man.

WHITWORTH COLLEGE

- *64. **TEACHING OF BIOLOGY** *Two hours one semester*
One lecture and one three-hour laboratory period. Prerequisites:
Major or minor in biology.

71. **ANIMAL PARASITES AND INVERTEBRATE
ZOOLOGY** *Four hours one semester*

Two-hour lecture and two three-hour laboratory periods. Prerequisite: Ten hours of Biology and preferably Biology 50. A study of the life histories and economic importance of animal parasites together with a survey of the anatomy and classification of other invertebrates. Laboratory fee \$6.00.

- *72. **BIOLOGY SEMINAR**
Two to four hours, as arranged

Conferences, field, and laboratory work. Prerequisites: Twenty hours of Biology. An integration course that will require considerable reading upon the following: Biological theories, history of biology, classification and rules of nomenclature, geographic distribution, various factors in human environment and related problems. A student may select a special project and complete it to the best of his ability.

101. **ADVANCED ZOOLOGICAL PROBLEMS**
Hours as arranged

A course designed to offer advanced students an opportunity to strengthen their major and may assume different aspects, depending on the interest and qualifications of the student. Some may conduct an original investigation, while others may wish to intensify their training in their field of interest. Required of teaching majors. Given as occasion demands.

CHEMISTRY

Mr. Neustel

A major in chemistry consists of 38 hours, including courses 1-2, 11-12, 53-54. In addition to the special requirements, majors are required to have a reading knowledge of German, mathematics 11-12, and physics 11-12. Laboratory fee \$2.00 per semester hour. Breakage deposit \$5.00 per semester for each course.

NATURAL SCIENCES

1. GENERAL CHEMISTRY *Five hours first semester*

The fundamental principles of the science. The occurrence, preparation, physical and chemical properties, essential compounds and the reactions of the most important elements are studied in the laboratory and lecture. Three lectures and 2-3 hour laboratory periods per week.

2. QUALITATIVE ANALYSIS *Five hours second semester*

Continuation of chemistry 1. Includes the elements of qualitative analysis. Prerequisite: High school algebra and chemistry 1. Three lectures and 2-3 hour laboratory periods per week.

11. ADVANCED QUALITATIVE ANALYSIS

Five hours first semester

Systematic analysis of the metals and the acid radicals by semi-micro method. Students will be required to analyze fifteen unknowns. Prerequisites: Chemistry 1 and 2. Two lectures and three laboratory periods.

12. QUANTITATIVE ANALYSIS

Five hours second semester

Gravimetric and volumetric analysis of standard laboratory compounds. Prerequisites: Chemistry 1 and 2. Two lectures and three laboratory periods.

30S. SPECIAL ORGANIC *Five hours during Summer*

A special course intended for Nursing, Biology, and Home Economics majors. A study of the aliphatic and aromatic compounds of carbon with the laboratory preparation of typical group representatives.

51-52. ADVANCED QUANTITATIVE ANALYSIS

Three hours each semester

A laboratory study of the more difficult methods of analysis. Prerequisite: Chemistry 12. Three laboratory periods.

53-54. ORGANIC CHEMISTRY

Four hours each semester

A study of the aliphatic and aromatic compounds of carbon with the laboratory preparation of typical group representatives. Prerequisite: Chemistry 1 and 2. Two lectures and two laboratory periods.

WHITWORTH COLLEGE

55-56. ORGANIC PREPARATIONS

Two hours each semester

A laboratory study and preparation of different types of organic compounds. Two laboratory periods.

60S. BIOLOGICAL CHEMISTRY

Four hours summer session

Chemistry of the proteins, carbohydrates, and lipins with special reference to their digestion and metabolism. Prerequisites: Chemistry 1-2, 30S or 53, 54.

101-102. ORGANIC ANALYSIS

Three hours each semester

Qualitative tests for the principal groups of organic compounds and quantitative analysis of animal and vegetable substances.

110-111. PHYSICAL CHEMISTRY

Four hours each semester

A course dealing with the elements of physical chemistry. Prerequisites: Chemistry 1-2 and 12; Physics; Calculus.

HOME ECONOMICS

Miss Logerstrom

Training in Home Economics prepares young women for various professions, as well as for home-making. Such training is closely related to the fundamental sciences and art, and gives preparation which enables young women to formulate the standards essential in making the choices necessary in modern living.

The courses of instruction are planned primarily for those girls who desire a general knowledge of Home Economics, and for those who desire to teach Home Economics in secondary schools. They may well serve as a preparation for more specialized training in the various professions related to Home Economics.

A major in Home Economics consists of thirty semester hours. A minor, at least sixteen hours. Required courses for a major are: 1, 2, 7, 8, 25, 60, 63; for a minor: 1, 2, 7, and 8.

For those majoring in Home Economics courses in

NATURAL SCIENCES

Art, Chemistry, Biology and Physiology are required. Courses in Bacteriology, Physics, Economics, and Sociology are advised.

Foods and Nutrition

1. **FOODS** *Three hours one semester*
A study of the fundamental principles involved in the selection, preparation, and serving of foods, based on the principles of nutrition. Laboratory fee, \$4.00.
2. **FOODS** *Three hours one semester*
A continuation of Foods 1 with emphasis on the planning, preparation, and serving of meals; food costs and marketing. Laboratory fee, \$5.00.
60. **NUTRITION** *Three hours one Semester*
A study of the composition and nutritive value of foods; relation of food to health.
61. **DIETETICS** *Three hours one semester*
A study of the principles of Nutrition applied to the feeding of individuals and the family group. Laboratory work includes the planning and preparation of diets. Laboratory fee, \$2.00.
62. **DIET THERAPY** *Two hours one semester*
A study of food and its use in the body under pathological conditions.

Home Administration

24. **HOME ARCHITECTURE** *Three hours one semester*
A survey of housing conditions, the financing problem, home-planning and materials of construction.
- *25. **HOME FURNISHING** *Three hours one semester*
A study of the problems involved in house design and construction; the decorating, furnishing, and landscaping of the home.
51. **HOUSEHOLD MANAGEMENT** *Three hours one semester*
A study of the organization and management of time, labor, and income; selection of equipment; family development.
52. **CONSUMER EDUCATION** *Three hours one semester*
A study of the principles of consumption and their application to the purchase of various classes of commodities used in the home.
- *63. **CHILD DEVELOPMENT** *Three hours one semester*
A study of the child, his needs, care, and development, from infancy through pre-school years, with special emphasis on nutrition.

WHITWORTH COLLEGE

Textiles and Clothing

7. TEXTILES AND CLOTHING

Three hours one semester

A study of the selection and construction of clothing, the use of the commercial pattern, the textile fibers, standard and new fabrics. Laboratory fee, \$1.00.

8. TEXTILES AND CLOTHING

Three hours one semester

A continuation of Textiles and Clothing 7. A study of the economic and hygienic aspects of clothing, textile testing; construction of garments requiring more advanced methods than in the preceding course. Laboratory fee, \$1.00.

*53. CLOTHING SELECTION *Two hours one semester*

A study of the problems and importance of being well dressed; design principles as applied to clothing; the effect of figure, personality, personal coloring on clothing choices; the clothing inventory, the clothing budget and wardrobe planning.

64. CHILDREN'S CLOTHING *Two hours one semester*

A study of the problems involved in clothing the child from infancy through pre-school years, with especial emphasis on the self help features in children's clothing. Laboratory fee, \$1.00.

70. METHODS OF TEACHING HOME ECONOMICS

Three hours one semester

A study of the problems involved in teaching Home Economics; objectives, organization and presentation of subject matter, equipment.

MATHEMATICS AND PHYSICS

Mr. Carlson

Mr. Schlichtig

A major in mathematics consists of at least 26 hours, including courses 11-12, 51-52, and 103-104.

A major in mathematics-physics consists of Mathematics 11-12, 51-52, Physics 11-12, and at least 10 additional hours of upper-division courses in mathematics or physics, at least 3 of which are mathematics and at least 3 are physics.

A minor in mathematics or in physics consists of at least 16 hours.

NATURAL SCIENCES

1-2. BEGINNING MATHEMATICS

Three hours each semester

A study of radicals, exponents, logarithms, quadratic equations, progressions, and solid geometry.

11-12. GENERAL MATHEMATICS

Four hours each semester

An introductory course, consisting of a study of the elements of college algebra, trigonometry and analytical geometry, from the functional standpoint with a brief introduction to the methods of the calculus. Prerequisite: One and one-half years of high school algebra and plane geometry. Required of all pre-engineering students and physical science majors.

*41. MATHEMATICAL THEORY OF FINANCE

Three hours second semester

A mathematical study of compound interest, annuities, sinking funds, valuation of bonds, life insurance, and others. Prerequisite: Mathematics 1 or its equivalent, or special permission.

51-52. DIFFERENTIAL AND INTEGRAL CALCULUS

Four hours each semester

A first course in the elements of the infinitesimal calculus, including a study of time-rates, maxima and minima, centroids, moments of inertia, multiple integrals and elementary differential equations. Prerequisite: Math. 11-12. Required of mathematics majors and pre-engineering students.

*53. HISTORY OF MATHEMATICS

Two hours first semester

A general survey of the historical development of the science of mathematics. Emphasis on library work and preparation of individual papers. Prerequisite: A minor in mathematics. Required of students who are preparing to teach mathematics.

*54. MODERN GEOMETRY *Two hours second semester*

An introductory course including a study of the properties of the triangle and the circle. Prerequisite: Math. 52. Recommended to those students who are preparing to teach.

*56. THEORY OF EQUATIONS

Two hours first semester

A study of the properties of higher equations, graphs and complex numbers. Solution of equations by Newton's and Horner's methods, determinants, systems of linear equations, symmetric functions and discriminants. Prerequisite: Math. 52.

WHITWORTH COLLEGE

61-62. DIFFERENTIAL EQUATIONS

Three hours each semester

A year course including ordinary and partial differential equations with applications to geometry and physics.

*102. ADVANCED COLLEGE ALGEBRA

Three hours either semester

Includes introductions to the theories of matrices, continued fractions, groups, number concepts. Prerequisite: Math. 52.

103-104. ADVANCED CALCULUS

Three hours each semester

A year course embracing an introductory study of explicit and implicit functions, Beta, Gamma and Bessel functions, vectors, line, surface, and space integrals, elliptic integrals, ordinary and partial differential equations, functions of a complex variable. Prerequisite: Math. 52.

141-142. VECTOR ANALYSES AND TENSORS

Three hours each semester

This course includes a thorough study of vectors with applications to geometry and physics. The second semester will be devoted to an elementary study of tensors with some application to the geometry of Riemann.

PRE-ENGINEERING

3. ENGINEERING DRAWING *Two hours first semester*

Fundamentals of engineering drawing, lettering, orthographic and isometric projection, cabinet and working drawings. Required of all pre-engineering students.

4. DESCRIPTIVE GEOMETRY

Four hours second semester

A continuation of Engineering 3. A study of points, lines, ruled surfaces, and curved surfaces in space. It involves problems in architecture and construction such as finding true lengths, true areas, true cross sections, lines or planes of intersection. Required of all pre-engineering students.

NATURAL SCIENCES

5. SHOP *One hour first semester*
Lathe and shop tools, glass blowing, instrument building and callibrating. Laboratory fee \$5.00.
6. SHOP *One hour second semester*
A continuation of Engineering 5. Laboratory fee \$5.00.
- *16. PLANE SURVEYING *Three hours second semester*
Study of methods in field and office, use and care of instruments, simple surveying problems including traverses, levels, meridian determinations, latitudes and dysartures, elementary topographic surveying. Prerequisites: Mathematics 11-12 and Engineering 3. Required of all pre-engineering students.

PHYSICS

- 1-2. INTRODUCTION TO PHYSICAL SCIENCE
Five hours each semester
A non-mathematical course designed to meet the needs of students of pre-medicine, pre-dentistry, nursing, home economics, music, and students of the liberal arts. Demonstrations will be freely used in the lectures. Three lectures and two laboratory periods per week. Laboratory fee, \$5.00.
- 11-12. GENERAL PHYSICS *Five hours each semester*
A general introduction to the facts, methods and principles of physical science. Four class meetings and one laboratory period per week. Prerequisite: Trigonometry. Required of all pre-engineering students, Physics and Chemistry majors. Laboratory fee, \$5.00.
- 53-54. MODERN PHYSICS *Three hours each semester*
An introductory study of the recent advances in atomic physics, the nature of the atom, radiant energy, radioactivity, wave mechanics, relativity and similar topics. Prerequisites: Math. 52, Phys. 12.
- 55-56. ELECTRICITY AND MAGNETISM
Four hours each semester
A theoretical study of the laws of electricity and magnetism and their applications in the field of electrical engineering. Prerequisites: Math. 52, Phys. 12.

WHITWORTH COLLEGE

58. OPTICS *Four hours second semester*

A theoretical study of the general laws and principles of physical optics; elementary spectrometry. Prerequisites: Math. 52, physics 12.

131-132. THEORETICAL MECHANICS

Two hours each semester

A study of the dynamics and statics of particles and rigid bodies, kinetic theory, elasticity, wave motion and the behavior of fluids. Prerequisites: Math. 52, Physics 12.

SOCIAL SCIENCES

DIVISION OF SOCIAL SCIENCES

Department of Bible and Christian Education
Department of Economics and Business Administration
Department of Education, Psychology and Philosophy
Department of History and Political Science
Department of Physical Education and Hygiene
Department of Sociology

BIBLE AND CHRISTIAN EDUCATION

Dr. Countermine

Miss Jenkins

Our aim (a) To aid the student in grasping the content matter of the Bible, essential to an understanding of the principles of Christianity. (b) To provide the student with the quality of knowledge which will enable him to face stern realities without the compromise of conviction. (c) To meet all the requirements of the Board of Christian Education of the Presbyterian Church, U. S. A., in this department, namely six hours of "specifically Bible," and two hours of electives.

A major consists of 30 semester hours, and a minor of 16 hours, selected from the following courses, or their equivalence.

Courses with odd numbers, (except No. 5 which is offered each semester) are offered the first semester only, and courses with even numbers, the second semester only. Courses marked with an asterisk (*) are not offered in 1940-1941.

Part I. Bible

3. THE BIBLE *Two hours one semester*

A study about The Book preparatory to the study of The Book. Designed for those who have an elementary knowledge of The Bible. Lectures and syllabus with memory work, charts, maps, and collateral reading.

WHITWORTH COLLEGE

5. MOSES *Two hours one semester*
A study of the five books of Moses (Pentateuch). Here we have the Biblical account of creation, and the beginning of all things, except God who has no beginning. This course is basic to an understanding and a working knowledge of the Bible.
6. JEWS *Two hours one semester*
A history of the Jews from their entrance to Canaan to their return from the Babylonian captivity, a period of about 1000 years, mastering the contents of twelve books. Prerequisite, No. 5.
31. MARK *Two hours one semester*
The shortest Gospel and the easiest to understand. It presents Jesus Christ as Servant of God. It is the Gospel of action, conquest, power, and is adapted principally to the needs of the Romans. While there is no prerequisite course, a knowledge of No. 5 is recommended.
32. ACTS *Two hours one semester*
Beginning of church history. Sometimes called, "The Acts of the Holy Spirit," whose advent was at Pentecost. The rise and growth of the Christian church, from Jerusalem to Rome. Prerequisite, one of the four gospels.
49. PRISON EPISTLES *Two hours one semester*
Acts closes with Paul in Rome, where for two years he had been in prison, during which time he wrote Ephesians, Philip-pians, Colossians, and Philemon. All general teachings of a practical nature, and each unique in itself. Prerequisites, one of the gospels, and No. 32.
50. HEBREWS *Two hours one semester*
A general epistle to Hebrew Christians who had been forsaking Christ for Moses. Holding to the old ordinances while they claimed to be disciples of Christ. It emphasizes the priesthood, tabernacle, sacrifice, worship. In all this Christ is pre-eminent. Prerequisite, No. 5.
51. MATTHEW *Two hours one semester*
Presents Jesus the Messiah as King of the Jews, hence primarily addressed to the Jews. Abounds in fulfilled prophecy. Serves as a connecting link between the Old and New Testaments. We recommend No. 5 as a preparation for this course.

SOCIAL SCIENCES

52. LUKE *Two hours one semester*

Designed for the Gentiles, especially the Greeks who aimed to produce a perfect man, but failed. Presents Jesus Christ as Son of man, the great Physician in his perfection and world-wide aspect who came to seek and to save the lost. Knowledge of No. 5 is a good aid.

53. JOHN *Two hours one semester*

The most popular Gospel, designed to present Jesus Christ as the Son of God. The key verse is 20:31. Written a generation after the synoptics. A beloved Gospel by a beloved apostle. The deity of Christ appears in every chapter. Prerequisites, No. 5 and another Gospel.

*54. HARMONY *Two hours one semester*

A synthetic study of the four Gospels, attempting to arrange the material chronologically, that all parallel passages may show their agreements and differences in presenting the "Life of Christ." Prerequisites, six hours Bible, including two gospels.

*55. CORINTHIANS *Two hours one semester*

The law of liberty and love in the midst of party spirit that led to divisions and loss of zeal. The two letters aim to correct erroneous views of immortality, worship, resurrection, and social customs. Paul presents the essentials of Christian living. Prerequisites, No. 5 and No. 32.

56. ROMANS *Two hours one semester*

Paul's masterpiece. Basic Christianity, from sin to salvation and righteousness. Justification by faith. The law may condemn us, but grace provides redemption through Christ. Many have found it a very helpful course. Prerequisite, four hours of Bible.

*61. GENERAL EPISTLES *Two hours one semester*

The last seven epistles were not written for particular churches, but for individual Christians in general. Paul in his epistles emphasizes faith, while here the writers bring works to the fore. Both doctrines are in perfect agreement. Prerequisites, four hours of Bible.

63. HEBREW PROPHECY *Two hours one semester*

A general review study of the major and minor prophets with the aim and purpose to learn the central message of each writer. Some time will be given to the office of the prophet, his mission, and his place in divine revelation. Prerequisite, four hours of Bible.

WHITWORTH COLLEGE

64. HEBREW POETRY *Two hours one semester*

Five books of deepest emotions with yearning and aspirations after God. The person and work of the Messiah are portrayed by the Psalter. The Proverbs offers a course in Christian philosophy. Job comes very close to us in that common experience of affliction. Prerequisite, four hours of Bible.

Part II. Christian Education

71. ORGANIZATION AND ADMINISTRATION

Three hours one semester

A study of the various programs for Christian Education, including the Sunday church school, vacation Bible school, young people's organizations, and general religious work. Individual projects will be developed, and clinical work promoted. Prerequisites, four hours of Bible and Introductory Psychology.

72. CHILDREN AND YOUTH *Three hours one semester*

Problems of childhood and adolescence studied from the Christian point of view, with educational methods and technique needed to give instruction and guidance to proper character building. Prerequisites, four hours of Bible, and Introductory Psychology. Also Education 65 desirable.

73. PRINCIPLES AND METHODS

Two hours one semester

The problems and process of teacher training. Principles and technique necessary. The teacher and his necessary equipment to succeed in the art of teaching. Prerequisites, four hours of Bible and Introductory Psychology. Education 56 is desirable.

*75. CHURCH HISTORY *Two hours one semester*

An outline study of the rise of denominations. The great councils and their issues. Forms of church government. Polity. Fields of service in social and missionary work. Prerequisite, four hours of Bible.

79. LIVING RELIGIONS *Two hours one semester*

Sometimes called, "Comparative Religion"; but that subject is too limited in scope for this course. A careful study of the non-Christian religions, checking each one with the essentials of Christianity. Reference books, Clark's "Ten Great Religions," and Hume's "World Living Religions." Prerequisite, six hours Bible.

SOCIAL SCIENCES

ECONOMICS AND BUSINESS ADMINISTRATION

Mr. Dizmang

The courses offered here are designed (1) to acquaint the student with the general field of business and industry, to give him an understanding of economic principles, and to equip him for active participation in the business world; and (2) to provide training in a social science of a cultural nature to help fit the student for the art of living.

A major consists of 30 hours, including courses 1, 2, 15, 16, 55, and 68. In planning his schedule the student should bear in mind that some of these courses are given only in alternate years. Students are advised to take Statistics, Ed. 54.

A minor consists of 16 hours. An attempt will be made to suggest courses that will fit in well with the individual's major. Courses 1 and 2 should be included since they are prerequisite to most advanced courses.

1-2. PRINCIPLES OF ECONOMICS

Three hours each semester

This course lays a basic foundation for future study in economics and business. The conventional treatment is followed, including: A consideration of the several factors of production, and of money, credit, exchange, value, price, and distribution. Considerable emphasis is placed on the application of economic theory to current business problems.

9-10. INTRODUCTION TO BUSINESS

Two hours each semester

A course intending to convey a general knowledge of present-day business life to students specializing in this field, and to students mainly interested in other fields but desiring sufficient business training to secure a better comprehension of the many important social and practical problems arising out of our complex business structure. Some topics covered are: Types of business organization; promotion; methods of financing a business; personnel, production, and office management; types of business records and their interpretation; marketing the product of a business; the utilization of the services of transportation agencies and public utilities; foreign trade; insurance; the development and importance of business associations. In connection with the re-

WHITWORTH COLLEGE

lationship of government to business considerable attention will be paid to the recent federal legislation aimed at the assistance and regulation of commerce.

13. WORLD RESOURCES, ECONOMIC GEOGRAPHY

Three hours first semester

A functional appraisal of the availability of agricultural and industrial resources. An attempt to develop an understanding of the cultural-technological, institutional, social as well as the natural or physical basis of the modern economic system. The emphasis is on concepts rather than mere factual knowledge although relevant data will not be neglected.

15-16. BUSINESS LAW

Two hours each semester

A consideration of the law affecting business transactions. Numerous practical problems serve to clarify and exemplify the basic principles presented. Emphasis is placed upon the common law with frequent reference to its modification through statutes. The subjects covered include the law relating to: Contracts, agency, negotiable instruments, insurance, sales, business organizations, security relationships, personal and real property, torts, employer-employee relationship, landlords and tenants, and business crimes.

51. ECONOMIC HISTORY OF THE UNITED STATES

Three hours first semester

This course covers the development of American industry from its beginning to the present. Various specific industries are considered in their historical perspective and the resulting economic and social effects.

*52. LABOR PROBLEMS

Three hours second semester

A treatment of the many difficult labor questions arising in our industrial society, such as: Unemployment; superannuation; industrial injury, and fatigue; collective bargaining; arbitration; and employer-employee cooperation. The recent federal enactments affecting labor will be included in a discussion of labor legislation. Prerequisite: Economics 1 and 2; also may be counted on a Sociology major.

53-54. ACCOUNTING

Three hours each semester

A study of the accounting principles and procedures used in the construction of the record of the sole proprietorship, partnership, and corporation forms of business units in the analysis of financial statements. Some attention is also given to accounting as a control device, i. e., valuation, cost problems, etc. Should precede business finance.

SOCIAL SCIENCES

55. BUSINESS FINANCE *Three hours first semester*

A study of the financing problems of modern business in the promotion, operation, reconstruction, and consolidation of enterprises. Attention is given to the social questions involved. Prerequisite Economics 1 and 2.

*56. MONEY AND BANKING *Three hours second semester*

The topics treated in this course include: The nature, functions, and regulation of money and credit; foreign exchange; the nature, function, and regulation of banks and other financial institutions; the Federal Reserve System; and the agricultural credit agencies in the United States. Recent monetary, banking and credit legislation is covered. Prerequisite: Economics 1-2.

*61. PUBLIC FINANCE *Three hours first semester*

An examination of the theories and facts relating to the finances of local, state, and national governments, with special reference to the United States. Public revenues from taxation, government-operated enterprises, and other sources; public expenditures; and public debts form most of the material of the course. Some time will be devoted to the present financial position and problems of the City and County of Spokane, the State of Washington, and the United States. It is recommended that courses 1 and 2 precede this course.

*62. TRANSPORTATION *Three hours second semester*

A general survey of the growth and present status of transportation facilities; the effects of improved transportation upon industrial society; routes connecting producing and consuming territories; competition and discrimination of carriers; the problem of valuation and rate-making; regulatory legislation, and its results; the period of Federal railroad operation in the United States; and operation problems and policies of transportation agencies.

*65. ADVANCED ECONOMICS—HISTORY OF ECONOMIC THOUGHT *Two hours first semester*

A study of the development of economic theory from the earliest times to the present. The approach is largely theoretical. Consideration will be given to the validity of the ideas of the various schools of economic thought in the light of the conditions prevailing at the time those theories were developed, as well as to the effect of those theories upon our present-day economic thought. Prerequisite: Economics 1-2.

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68. **MARKETING** *Three hours second semester*

A general survey of the marketing processes and functions, channels of distribution, commodity exchanges, wholesalers, retailers, department stores, mail order houses, chain stores, classes of commodities, with attention on the reduction of cost in distribution. Prerequisite 1 and 2.

*102. **ADVANCED ECONOMIC THEORY** *Two hours second semester*

A review of the principles of economics in the light of the ideals of the leading contemporary economists. A consideration, largely theoretical, of the validity of the theories of these economists, and an attempt to reconcile their apparent differences. Required of teaching majors. Prerequisite: Economics 1-2. It is recommended that Economics 65 also precede this course.

See the following courses given by other departments: Math. 41, Mathematical Theory of Finance; Edu. 54, Statistics.

Graduate courses can be arranged to suit the individual needs of the students.

EDUCATION, PSYCHOLOGY AND PHILOSOPHY

Mr. Poole

Mr. Robinson

A major in Education consists of at least thirty semester hours: a minor, at least sixteen hours. Psychology 1-2 or 21 do not count on a major or minor. Required courses for a major are: 52, 54, 56, 57, 61, 62, 63, 65, and 68. Required courses for a minor are: 51, 56, 62, and 65.

REQUIREMENTS FOR TEACHING CERTIFICATION

Three-Year Secondary Certificates

Applicants for the secondary certificate must have completed the following courses and requirements.

1. A total of thirty semester hours beyond the baccalaureate degree.
2. If not already completed in undergraduate work the following courses in education must be included: Educational psychology, general methods, special methods, secondary edu-

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cation, cadet teaching. A total of sixteen semester hours in education is required.

3. State manual must be taken either as a course in summer school or by examination. In which case a grade of 85 must be obtained, and cannot count toward requirements 1 and 2.
4. The applicant must have completed one teaching major of at least twenty-four semester hours and two teaching minors of at least twelve semester hours. The majors and minors must be in distinct teaching fields and in subjects regularly offered in the secondary schools of Washington.
5. The applicant must have completed ten hours of contemporary social problems. Such courses as: sociology, current history, economics, and political science will satisfy this requirement.
6. Grade average in major and minor fields must be C or more.

Preparation for teaching should begin in the junior year. A major and two minors with an additional minor in education are required. These should be chosen in consultation with the head of the education department as some subjects are more desirable than others. It is possible for students to shape their courses so that this extra year's work will lead to the degrees of Master of Arts and Master of Science as well as the Teaching Certificate.

1. GENERAL PSYCHOLOGY *Two hours first semester*

A required course for freshmen. The aims and methods of psychology: individual differences and psychological measurement; personality and its measurement; maturation: intelligence and its testing; emotions, motivation and its bases; personal-social behavior; influence of the press, pleasant and unpleasant words, propaganda, dynamic factors of personality.

2. GENERAL PSYCHOLOGY

Two semester hours second semester

A continuation of Psychology 1 and a required course for freshman. Psychology 1 and 2 constitute a course in general psychology. Sensory equipment: vision, the eye, color, images: the ear and hearing, parts of the ear, pitch, loudness, amplitude; touch, pressure, temperature, pain, taste, smell: thirst, hunger, appetite: kinesthetic sense: sense of equilibrium, semi-circular canals: the nervous system, the central nervous system, the peripheral nervous system, the brain and its parts: localization of function, co-ordination, summation, inhibition, nerve impulse: the autonomic system: muscles and glands: factors of attention,

WHITWORTH COLLEGE

perception, observation, imagination, imagery: memory, major aspects of remembering, transfer of training, tetention, recall, recognition, thinking.

21. GENERAL PSYCHOLOGY (Upper Division Students) *Three hours one semester*

An advanced course for upper classmen, with laboratory work. Intended for upper division students who have not taken Psychology 1 and 2, but who need General Psychology to satisfy the graduation requirement. The reaction hypothesis, the receptors, native equipment, feelings and sensations, emotions, the dominant human urges, motivation, adjustment, the laws of learning, perception and attention, thinking, general intelligence, special aptitudes, personality and individuality.

50. APPLIED PSYCHOLOGY *Three hours one semester*

Psychology as applied to such fields as personal efficiency, vocational guidance, scientific management, social work, law, medicine, athletics, and business.

51. HISTORY OF EDUCATION

Three hours one semester

A study of the development of the ideals of ancient, medieval, and early Renaissance education. The system of Greece, Rome, the Middle Ages, and the post-reformation period are considered with respect to their spirit and content.

52. SECONDARY EDUCATION

Three hours one semester

The content of this course is as follows: The Latin Grammar School, the academy, the origin and the development of the high school, a comparison of the secondary education of the United States with that of England, France, and Germany, the special functions of the high school and its articulation with the other parts of the school system, the curriculum and the extra-curricular activities.

*53. THE JUNIOR HIGH SCHOOL

Three hours one semester

Treats of the historical development, aims of the junior high school, the program of studies, the administration, teaching staff, and methods of teaching.

SOCIAL SCIENCES

*54. FUNDAMENTALS OF STATISTICS

Two hours one semester

This course gives a statistical foundation for sociology, economics, and education. The subjects treated are the following: Sampling, tabulation, frequency distributions, graphic presentation, the arithmetic mean, the mode, the median, variability and dispersion, probability and error, correlation and index numbers.

55S. STATE MANUAL *Two hours Summer Session*

56. EDUCATIONAL PSYCHOLOGY

Three hours one semester

This course consists of the following: The physical basis of mental life, the stimulus-response concept, heredity and environment, inherited tendencies, motivation of behavior, the higher intellectual responses, sensori-motor, perceptual, associative, and ideational learning, economy and efficiency in learning, differences in intelligence and achievement, mental growth, transfer of training, integration of personality.

*57. EDUCATIONAL AND VOCATIONAL GUIDANCE

Two hours one semester

Aims and methods of educational and vocational guidance. Also a study of types of occupations.

59. SCHOOL ADMINISTRATION

Two hours one semester

A study of the problems of supervising and administering public school instruction and directing pupil-school relationships. Also a study of the relationships of the school to the community, school board, and other higher school officers.

*61. TESTS AND MEASUREMENTS

Two hours one semester

This study includes individual and group intelligence tests and their application to the progress and the efficiency of the schools. A fee of fifty cents is necessary to cover the cost of material.

62. DIRECTING LEARNING *Two hours one semester*

This includes learning exercises and teachers' objectives; motivation, formation of specific habits; the acquisition of knowledge through experience, development, reading, and use; the organization and expression of knowledge, general patterns of conduct, class management, individual differences, projects, measurement of achievement and lesson planning.

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63. SPECIAL METHODS IN SECONDARY EDUCATION *Two hours one semester*
A study of the Morrison, Miller, Winnetka, and other methods. A study of technique in subject matter and bibliography will be made in cooperation with the major and minor departments reported by the students enrolled. The students will be required to make a study of methods used in their respective departments in the high schools of Spokane. Observation and reports will be required.
- *64. THE MEASUREMENT OF INTELLIGENCE *Three hours one semester*
A study of individual testing, the early tests of intelligence, the historical background of the Binet-Simon tests, the development of the Binet tests, the problems regarding the use of the tests, and practical experience in their use.
65. CHILD STUDY AND ADOLESCENCE *Three hours one semester*
A careful study of the physical, mental and moral development in childhood and adolescence, and the application of the same to the care, training and education of adolescents.
66. EDUCATIONAL SOCIOLOGY *Three hours either semester*
The function of education in society, the nature and function of the school, the curriculum, the social objectives of education, democracy and education, vocational guidance, other social agencies besides the school, social control, and education.
68. THE PSYCHOLOGY OF ADJUSTMENT *Three hours one semester*
This course deals with the origins of behavior, the modification of behavior, motivation and adjustment, varieties of adjustive behavior, the organic factors of personality, the development of personality traits, guidance of readjustments, and the application of mental hygiene.
70. CADET TEACHING *Four hours one semester*

PHILOSOPHY

51. LOGIC *Three hours one semester*
An introduction to the science and art of right thinking. The course is intended to lay foundations of careful habits of thought in all subjects. It has particular reference to skill and accuracy in language, science, and argumentation.

SOCIAL SCIENCES

52. ETHICS *Three hours one semester*

A study of ethical principles and their application to various problems in individual and social life. Thruout all history men have been keenly interested in moral issues. Justice and fair play, honor and loyalty, rights and duties must have high and noble standards or our civilization is jeopardized.

53. INTRODUCTION AND HISTORY OF PHILOSOPHY *Three hours one semester*

A survey of the history of philosophy beginning with Thales, emphasizing particularly Socrates, Plato, and Aristotle; giving a general knowledge of all the leading philosophers up to and including the Renaissance period.

54. PHILOSOPHY OF THE RECENT PAST *Three hours one semester*

A continuation of 53, but may be taken independently. An outline of European and American philosophy, including Positivism, Spiritualism, Idealism, Pragmatism, Realism, and other tendencies of the immediate present.

HISTORY AND POLITICAL SCIENCE

Dr. Bowersox

A major in History consists of at least 30 hours of work in that subject. Economics 51 may be counted toward a major in History. A minor in History or Political Science consists of 16 hours.

History

1-2. EUROPEAN HISTORY *Three hours each semester*

A survey of European history from the fall of Rome through the World War. Attention will be given to the method of study and the intelligent use of materials by the student. The first half of the course will include the study of the Mediaeval Church, feudalism, the rise of capitalism, the Renaissance, the Reformation, and the Age of Louis XIV. The second semester's work will include the French Revolution, the Napoleonic Era, the Industrial Revolution, the rise of democracy and nationalism, imperialism, and the World War. This course is required of all freshmen who expect a major or minor in history.

WHITWORTH COLLEGE

15-16. HISTORY OF THE UNITED STATES

Three hours each semester

A general course dealing with the development of the United States. Emphasis is placed upon the European backgrounds, the rise of sectionalism, the westward movement, and the attitude toward business and social problems, and foreign policies.

*51-52. ENGLISH HISTORY *Three hours each semester*

A survey course in English history from early Britain through the World War. The needs of pre-law students and English majors will be given special consideration. Emphasis will be on such topics as the growth of English nationality, constitutional development, the Puritan Revolution, the Industrial Revolution, the creation of the Empire, and the growth of democracy. Given in alternate years.

53-54. ANCIENT HISTORY *Two hours each semester*

The first semester's work includes a study of the political and economic development of the Greek states with special reference to Athens and Sparta, the Persian Wars, Hellenic civilization, and the Hellenic Age. The expansion of Rome, its government, and its economic and social development will be studied during the second semester. Given in alternate years.

*55. FRENCH REVOLUTION AND NAPOLEON

Two hours first semester

After a brief survey of the ancient regime, the period of 1789-1815 will be studied in detail. Emphasis will be placed upon the European implications rather than as a movement solely French. Given in alternate years.

57. UNITED STATES HISTORY 1865-1876

Three hours first semester

An intensive study of the reconstruction period. The reconstruction of the North and West as well as the South will be considered. Given in alternate years.

58. THE AMERICAN FRONTIER

Three hours second semester

A rapid survey of the earlier aspects of the westward movement followed by a more detailed study of the trans-Mississippi West. Each student will be required to present a report on some topic dealing with the history of the Pacific Northwest. Given in alternate years.

SOCIAL SCIENCES

60. EUROPE SINCE 1914 *Two hours second semester*

The political, social, and economic history of Europe since 1914. Attention will also be paid to the international rivalries, and to the post-war problems. Given in alternate years.

*71-72. SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES *Two hours each semester*

A non-political course which deals with the life of the people. Attention will be paid to such topics as living conditions, methods of travel, education, contribution of the immigrants, religion and artistic development. Not open to freshmen.

90-110. INDIVIDUAL STUDY

Political Science

11. AMERICAN NATIONAL GOVERNMENT

Three hours first semester

The course will consider the theories of government with special emphasis upon the American system; a detailed study of the operations of the national government, and of national parties and elections are the chief topics.

12. AMERICAN STATE AND LOCAL GOVERNMENT

Two hours second semester

A study will be made of the common features of state constitution and governmental functions, and the local governments as functional units of the state government; emphasis will be placed upon the government of Washington.

26. EUROPEAN GOVERNMENTS

Three hours second semester

A detailed study of the English, French and German governments with a less detailed study of the governments of Switzerland, Italy, Russia, and the Central European States.

61. AMERICAN POLITICAL PARTIES

Two hours first semester

A study of the condition which brought our political parties into existence and a study of their organization and functions. Given in alternate years.

*62. AMERICAN POLITICAL THOUGHT

Two hours second semester

A survey of political thought in the United States from colonial days to the present. Special attention will be paid to the various theories of governmental functions. Given in alternate years.

WHITWORTH COLLEGE

*63. CONTEMPORARY POLITICAL THOUGHT

Two hours first semester

A critical study of the recent attitudes toward the nature and functions of the state.

*70. INTERNATIONAL LAW

Two hours second semester

A study of the rules and customs which govern the relations of state.

90-110. INDIVIDUAL STUDY

PHYSICAL EDUCATION

Mr. Stannard
Miss McDonald
Dr. Rose
Dr. Grieve

The Department of Physical Education supervises and directs all athletic activities. Four hours of Physical Education are required for graduation. All freshman men and women are required to be enrolled in Physical Education unless excused by a doctor.

A physical examination will be required of all students which will be arranged for at the time of registration. The expense of this is included in the health fee.

Physical Education for Men

1-2. PHYSICAL EDUCATION *Freshman Gym*

One hour each semester

Prescribed work with teaching of athletic skills and participation in seasonal sports plus games of lower organization. Classes meet twice each week. Required of all freshmen men.

3-4. PHYSICAL EDUCATION *Sophomore Gym*

One hour each semester

A continuation of the work of 1 and 2. Required of all sophomore men.

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5. FOOTBALL *One hour first semester*
6. BASKETBALL *One hour second semester*
7. TENNIS *One hour second semester*
8. GOLF *One hour second semester*
11-12. THEORY OF COACHING *One hour each semester*

A study of the rules, training methods, fundamentals, and practical work in coaching. No prerequisites.

First Aid

30. FIRST AID *One hour one semester*
Open to men and women. Study of American First Aid Manual. Red Cross card available to all who qualify.

Physical Education for Women

A minor in Physical Education for Women may be taken at Whitworth College. The following courses are required: Human Anatomy, Physiology, Personal Hygiene, First Aid to the Injured, Theory of Gymnastics and Folk Dancing, Theory of Sports, Club Craft and Leadership, Child Development, and Activities.

Costume Requirements: The regulation costume may be purchased after arrival at the college to insure uniformity.

1. SWEDISH GYMNASTICS *One hour first semester*
A course in gymnastics based on the Swedish system with emphasis on posture. Two periods per week. Required of all freshmen women.
2. DANISH GYMNASTICS *One hour second semester*
Designed to follow course number 1. Based on the Danish system with emphasis on movement. Two periods per week.
7. CORRECTIVE GYMNASTICS *One hour each semester*
Exercises given for student needing individual help and correction work. Required if recommended after physical examination.

WHITWORTH COLLEGE

10. PERSONAL HYGIENE *One hour each semester*

The course in personal hygiene is conducted by Dr. Frances E. Rose and Dr. Margaret Irene Grieve and is required of all freshman girls, and of all women before graduation. A lecture course covering practical problems of health. Special emphasis is placed on the checking of individual health accounts. Meets twice a week. One hour credit.

24. TENNIS *One hour second semester*

25-26. SPORTS *One hour each semester*

Study and development of games and sports in season. Two periods per week.

27-28. FOLK DANCING *One hour each semester*

Elementary course in folk dances and rhythmic expression. Two periods per week.

31. CLUB CRAFT AND LEADERSHIP *Two hours first semester*

A survey of the programs outlined by organizations for girls and study of the problems of leadership. One hour lecture and three hours laboratory period per week.

52. THEORY OF GYMNASTICS *One hour second semester*

A study of the technique of organization and presentation of group and individual gymnastics. Prerequisites, Physical Education 1 and 2.

61-62. THEORY OF SPORTS *One hour each semester*

A study of the rules, fundamentals and coaching methods for various sports. Prerequisites, Physical Education 25-26.

SOCIOLOGY

Mr. Robinson

Sociology is a scientific study of the development, organization and function of human groups and institutions. The function of the department is to stimulate a critical and constructive attitude toward programs of social action and to furnish a sound basis of information for intelligent social living. Sociology is a basic study for those planning teaching or ministerial careers, for

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persons preparing for governmental, community, institutional or business careers in the fields of social work, personnel, public welfare, or public administrative work.

The sociology major consists of at least 30 hours, and should include courses 1, 9, 32, 56, 101, and Educ. 54.

The sociology minor consists of at least 16 hours, and should include courses 1, 9, 32, and Educ. 54.

Among the elective courses Economics 52 may be counted toward a major. In the social science major the required sociology courses will be the same as for a sociology minor.

Sociology 1 is a prerequisite to all Sociology courses.

1. INTRODUCTION TO SOCIOLOGY

Three hours first semester

A survey of the fields of sociological study, culture and culture change, social groups and control processes. Study of personality development, races, social classes, and other functional social groups. Preliminary discussions of social institutions.

2. SOCIAL INSTITUTIONS *Three hours second semester*

After studying the origins of institutions a study of institutional trends is undertaken, with emphasis on analysis of the family, the economic and political institutions, the education and religious institutions, the recreation and social welfare institutions, and an analysis of minor institutional forms.

9. HUMAN ECOLOGY *Two hours first semester*

A study of the spatial relationships of men and institutions. Emphasis on the various types of communities and the problems of mobility and recent trends in spatial adjustment.

10. SOCIAL DISORGANIZATION

Three hours second semester

The emphasis is upon individual and social maladjustment and pathological social behavior. Materials drawn from areas such as crime, family and youth disorganization, dependency and poverty and economic as well as psychological phenomena.

WHITWORTH COLLEGE

32. GROUP BEHAVIOR *Three hours first semester*
The field of investigation, sometimes called social psychology, lies in the phenomena of mass or group reaction to stimuli or interstimulation. Source of public opinion, mass action, propaganda, etc., are investigated.
42. POPULATION *Two hours second semester*
Study of population composition, quantitative and qualitative growth and trends, dispersion, present trends in growth and mobility. Influences determining population changes.
51. CRIMINOLOGY AND JUVENILE DELINQUENCY *Three hours first semester*
Analysis of contributing factors in criminality, economic, political, psychological, and other environmental and pathological factors. Analysis of the origins of delinquency. Study of programs of punishment, reform and rehabilitation.
55. SOCIAL THEORY *Three hours first semester*
A comparative and critical study of the contributions of sociological thinkers from early times to modern. A study of the various schools of sociological thought, and an analysis of recent trends in sociological thought, and an analysis of recent trends in sociological thinking.
56. THE FAMILY *Three hours second semester*
A study of the family as a social institution, an evaluation of the historical, economic, social and social psychological approaches to family functioning. A consideration of factors in marital adjustment and parent child interaction.
58. RURAL SOCIOLOGY *Two hours second semester*
A study of the structure and institutions of the rural community, a consideration of the broader social and economic problems of the rural areas of the country, and a community organizational approach to rural community functioning.
65. SOCIAL ATTITUDES *Three hours second semester*
A search into the environmental bases for the developing social attitudes of various groups among the population. Study of pressure groups, and effectiveness of various types of social control devices such as education, propaganda, agitation, etc.

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67. PRINCIPLES OF SOCIAL WORK

Three hours second semester

A careful study of the basic principles and practises in modern case work and community organization. Study of the present governmental relief and social work agencies, and understanding of the role and functions of social workers and administrators.

101. SOCIAL RESEARCH *Two hours second semester*

The principles of critical research scholarship, a review of the various techniques and methods in research and the proper utilization of each; practise in utilizing various types of research techniques is given.

WHITWORTH COLLEGE

TOTAL STUDENT ENROLLMENT BY CLASS

1939-1940

Seniors

Bagdon, Harriet— <i>Music</i>	Wenatchee
Barowski, Robert— <i>English</i>	Bremerton
Bassford, Edgar— <i>History</i>	Chester, Montana
Buck, Mary Nell— <i>English</i>	Corvallis, Montana
*Dexter, Mildred— <i>Sociology</i>	Long Beach, California
Eastburg, Harold— <i>Sociology</i>	Spokane
Gold, William— <i>History</i>	Spokane
*Goodsell, James— <i>Music</i>	Colbert
Hook, LeRoy— <i>Biology</i>	Valleyford
Hughart, Stanley— <i>Mathematics</i>	Spokane
Kirsch, Lewis— <i>Economics</i>	Spokane
Koper, Mary— <i>Music</i>	Spokane
Larson, Edna— <i>Christian Ed.</i>	Valleyford
Lautenschlager, Aldena— <i>Nursing Science</i>	Colfax
Lord, Lenora— <i>Sociology</i>	Portland, Oregon
Ludwig, Muriel— <i>History</i>	Spokane
MacIntyre, David— <i>Economics</i>	Anaconda, Montana
McCannon, Hazel— <i>Education</i>	Spokane
*McCannon, Maude— <i>Sociology</i>	Spokane
McDonald, Alice— <i>Physical Ed.</i>	Mullan, Idaho
Miller, Pauline— <i>Home Economics</i>	Spokane
Mount, Mary Virginia— <i>English</i>	Libby, Montana
Muench, Eugene— <i>English</i>	Portland, Oregon
Nelson, Eugene— <i>Christian Ed.</i>	Kingsburg, California
Peers, Anna Belle— <i>English</i>	Spokane
Peterson, Janice— <i>English</i>	Enumclaw
Peterson, Gladys— <i>Education</i>	Gig Harbor
Pond, Bill— <i>Biology</i>	Williston, North Dakota
Rosenquist, Werner— <i>Economics</i>	Veradale
Roth, John— <i>Economics</i>	Harrington
Schmirler, Donald— <i>Sociology</i>	Plummer, Idaho
Smith, F. Dale— <i>Mathematics</i>	Spokane
Stanford, Loretta— <i>French</i>	Spokane
Tobie, Martha Lee— <i>English</i>	Spokane
Udhen, Margaret— <i>Music</i>	Spokane
Wikstrom, Paul— <i>Sociology</i>	Spokane
Wotring, Ray— <i>History</i>	Wenatchee

* First semester seniors.

Juniors

Bailey, Dorsey	Spokane
Barrow, Eleanor	Spokane
Bradshaw, Rudy	Missoula, Montana
Burnett, Fred	Granger, Washington
Coleman, Douglas	Spokane
Culp, Howard	Omak
DeFoe, Ruth	Chewelab
Duff, Faye	Spokane
Eaton, Sydney	Sedro Woolley
Edenso, Nat	Craig, Alaska
Ferrell, Betty	Spokane
Hanford, Phil	Oakesdale
Hawley, Gladys	Spokane
Hawley, Geraldine	Spokane
Hess, Frances	Wallace, Idaho
Hickox, Keith	Spokane
Hunter, Eleanor	Long Beach, California
Joss, Margaret	Spokane
Klein, Earl	Reardan
Moffatt, Eloise	Spokane
Nozaki, Tamiko	Spokane
Purcell, Edith	Rockford
Quine, Arthur	Spokane
Robinson, Dougald	Sandpoint, Idaho
Rodkey, Lee	Post Falls, Idaho
Scarpelli, Anthony	Spokane
Seidel, Marjorie	Spokane
Stannard, Louis	Spokane
Teeter, Dorathea	Wenatchee
Unti, Francis	Anaconda, Montana

Sophomores

Barbre, Paul	Harrington
Blakemore, Milburn	Spokane
Bloom, Andrew	Spokane
Blumbagen, Rex	Wenatchee
Boughton, Marjorie	St. Maries, Idaho
Braden, Russell	Spokane
Brault, Robert	Hoquiam
Brown, Ruth	Clarkston
Bunkleman, Verna	Tekoa
Bunker, Dorothy	Tacoma
Calkins, Homer	Spokane
Carlson, Helen	Spokane
Carmon, Joe	Spokane

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37	Chatterton, Bob	Spokane
	Clark, Will	Spokane
	DeArmand, Milton	Spokane
	Eddy, Richard	Spokane
	Fay, Arlene	Mead
	Fraser, Robert	Spokane
	Gibbs, Evelyn	Spokane
	Harrison, Blanche	Spokane
	Hawley, Shirley	Spokane
	Hook, John	Valleyford
	Howes, Roy	Spokane
	Hoyt, Charles	Spokane
	Iwerks, Darrel	Rocklyn
	Jones, Wata	Coeur d'Alene, Idaho
	Kessey, Virginia	Coeur d'Alene, Idaho
	Lamparter, Helen	Harrington
	Ludwig, Ethel	Spokane
	McCallum, Jack	Spokane
	Mansfield, Laurence	Veradale
	Messex, Lewis	Spokane
	Miller, Barbara	Rosalia
	Nance, Virginia Lee	Spokane
	Olmsted, Evelyn	Deming
	Olson, Harold	Spokane
	Pearson, Weldon	Spokane
	Peterson, Walter	Veradale
	Potter, Irvin	Springdale
	Ralston, Glen	Spokane
	Randolph, Kenny	Spokane
	Reed, Arnold	Spokane
	Richter, Bill	Spokane
	Ridley, Robert	Juneau, Alaska
	Roeders, Delores	Millwood
	Rost, Edward	Spokane
	Schell, Elinor	Chattaroy
	Schoffield, Lillian	Spokane
	Scott, Wesley	Spokane
	Smith, Mary Lou	Coeur d'Alene, Idaho
	Sparrow, Stewart	Spokane
	Stephey, Robert	Osburn, Idaho
	Thompson, Robert	Spokane
	Toole, Lois	Spokane
	Waddell, Helen	Spokane
	Wolfe, Joseph	Port Angeles
	Wold, Reginald	Spokane

Freshmen

Achziger, Bob	Spokane
Anders, Claude	Spokane
Andrews, Mark	Clarkston
Baldwin, Ruth	Spokane
Barnes, Kirk	Spokane
Baugh, Odin	Wenatchee
Blanford, Carl	Post Falls, Idaho
Boni, Louie	Spokane
Boyle, Mary	Libby, Montana
Buckley, Sidney	Kettle Falls
Calhoun, Eileen	Spokane
Carey, Eva	Hartline
Carter, Douglas	Spokane
Casey, Jack	Spokane
Casey, Margaret	Spokane
Chapin, Walter	Post Falls, Idaho
Cook, Mary Adeline	Billings, Montana
Dean, Gerald	Spokane
Dyer, Raymond	Brady, Montana
Feathers, Joe	Canby, Oregon
Forkner, Vernon	Spokane
Fisher, John	Garfield
Flett, Robert	Wellpinit
Franks, Bob	Spokane
Gilman, Joanne	Manette
Goodsell, Ralph	Colbert
Gondzward, Jeanette	Spokane
Gregory, Donald	Oakesdale
Grigware, Ed	Tonasket
Hand, Marjorie	Spokane
Hanson, Charlotte	Waterville
Hanson, Lester	Spokane
Hoff, Norma	Mica
Holder, Louise	Spokane
Hoppe, Bill	Spokane
Jacobson, Shirley	Aberdeen
Johnson, Eldon	Eureka, Montana
Johnson, Robert	Spokane
Kirkpatrick, Grace	Spokane
Krause, Marjorie	Spokane
Kull, Marvin	Spokane
Laubaugh, Lloyd	Spokane
Law, John	Wenatchee
Lindau, Margaret	Murtaugh, Idaho
Lindgren, Walt	Spokane
McCreary, Janet	Spokane

WHITWORTH COLLEGE

McInturff, Don	Spokane
Martin, Steve	Kellogg, Idaho
Moos, Marvin	Sprague
Moyer, Billy	Dayton
Munroe, Jim	Spokane
Neustel, Martha	Spokane
Nevers, Bob	Spokane
Olson, Julia	Aberdeen
Penniman, George	Opportunity
Peterson, Laurence	Veradale
Puckett, Velda	Wenatchee
Rappe, Charles	Okanogan
Remmers, Phyllis	Spokane
Riek, Janet	Spokane
Rodkey, John	Post Falls, Idaho
Ruby, Robert	Mabton
Sauer, Dick	Harrington
Scott, Everett	Eureka, Montana
Skeels, Margaret	Colville
Sheridan, Jack	Spokane
Smith, Laura	Ephrata
Smith, Sam	Chewelah
Snyder, Earl	Port Townsend
Soehren, Delmar	Windom, Minn.
Sowell, Myrle	Kamiah, Idaho
Swanson, Melvin	Opportunity
Tanneberg, Harold	Chewelah
Thompson, Genevieve	Nez Perce, Idaho
Thompson, Gloria	Spokane
Tower, Mark	Spokane
Trevitt, Lenore	Republic
Turner, Helen	Spokane
Watkins, Jack	Spokane
Weaver, Willie	Tonasket
Wilson, Lu Alice	Spokane
Wright, William	Spokane
Wanrooy, Doris	Grand Rapids, Mich.
Walmart, John	Spokane

Special Students

Allison, Clark	Spokane
Armstrong, Betty	Spokane
Armstrong, Robert	Spokane
Baldwin, Mabel	Washougal
Blomberg, Hattie	Spokane
Bramblet, Lyle	Deary, Idaho
Carson, Phyllis	Spokane

Clark, Mabel	Spokane
Dreblow, Carlita	Davenport
Fry, Cleo	Davenport
Gale, Helen	Spokane
Gusseck, Raymond	Lewiston, Idaho
Howes, Mona	Spokane
Jeffers, Bob	Spokane
Molsted, Ralph	Spokane
Morgariedge, Wally	Spokane
Rubedew, Betty	Spokane
Seyforth, Evelyn	Post Falls, Idaho
Stronnach, Barbara	Cheney

Postgraduates

Blaisdell, Jack	Creston
Clement, Robert	Spokane
Cliver, Violet	Spokane
Hewitt, Alfred	Spokane
Johnson, Russell	Spokane
Maltby, Jeannette	Spokane
Richardson, Leonard	Clarkston
Richardson, Norman	Clarkston
Roberts, Arthur	Spokane
Scafe, Wilbur	Spokane
Thorndike, Gertrude	Neah Bay
Wolfe, Leta Marie	Wilbur

Summer

Aldrich, Harriet	Chewelah
Anderson, Loran	Spokane
*Baldwin, Mabel	Washougal
Barnes, Hazel	Spokane
Boughton, Ethel	St. Maries, Idaho
*Boughton, Marjorie	St. Maries, Idaho
*Brault, Robert	Hoquiam
Brown, Lillian	Spokane
*Brown, Ruth	Clarkston
Chapman, Jack	Spokane
Clark, Mary	Spokane
*Coleman, Douglas	Spokane
Conner, Marguerite	Spokane
Cook, Ruel	Spokane
*DeFoe, Ruth	Chewelah
Ferrera, Angelina	Spokane
Frazee, Margaret	Spokane
Freeland, Martha	Spokane

WHITWORTH COLLEGE

Glendinning, Robert	Spokane
*Gold, William	Spokane
*Hewitt, Alfred	Spokane
Holtzclaw, Mrs. N. E.	Spokane
Hussey, Clifton	Spokane
Kippen, Lorraine	Spokane
*Kirsch, Lewis	Spokane
*Lindau, Margaret	Murtaugh, Idaho
*Ludwig, Muriel	Spokane
*MacIntyre, David	Anaconda, Montana
*Miller, Pauline	Spokane
Mooers, Harley	Deer Park
*Peterson, Janice	Enumclaw
Peterson, Mary	Spokane
Phillips, Mabel	Spokane
Poore, Lowell	Sunnyside
*Richardson, Norman	Clarkston
Rodkey, Grant	Post Falls, Idaho
*Schmirler, Donald	Plummer, Idaho
Sicklesteel, Marian	Post Falls, Idaho
*Smith, F. Dale	Spokane
Thorndike, Harriet	Neah Bay
Vicker, Mary B.	Spokane
*Wikstrom, Paul	Spokane

(*Duplicated in regular enrollment, not counted in the total.)

Summary of Enrollment—1939-1940

Seniors	37
Juniors	30
Sophomores	58
Freshmen	84
Post Graduates	12
Special	19
Summer School (not duplicated in any other classification)	24
Total	264

GRADUATES 1939

Bachelor of Arts

Bechler, Garold— <i>Education</i>	Colville
Blaisdell, Jackson— <i>History</i>	Creston
Cosman, Blair— <i>Music</i>	Rockford
Franks, John— <i>Economics</i>	Spokane
Kippen, Lorine— <i>Sociology</i>	Spokane
McCallum, Joy— <i>Sociology</i>	Spokane
Machle, Edward— <i>Christian Education</i>	Tacoma
Minnich, Marian— <i>Sociology</i>	Omak
Mooers, Harley— <i>Education</i>	Deer Park
Richardson, Leonard— <i>History</i>	Clarkston
Richardson, Norman— <i>History</i>	Clarkston
Robinson, Marjorie— <i>Education</i>	Spokane
Simmons, Mildred— <i>English</i>	Spokane
Steele, Garth— <i>Sociology</i>	Hamilton, Montana
Thorndike, Gertrude— <i>Sociology</i>	Neah Bay
Trevitt, Mary— <i>English</i>	Republic
Williams, William— <i>History</i>	Clarkston
Winkler, Fred— <i>Social Science</i>	Spokane

Bachelor of Science

Colpitts, Donald— <i>Chemistry</i>	Spokane
McIntyre, Jean Woods— <i>Biology</i>	Spokane
Rodkey, Grant— <i>Biology</i>	Post Falls, Idaho
Webster, Jackson— <i>Biology</i>	Sitka, Alaska

Master of Arts

Cliver, Violet— <i>History</i>	Spokane
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OFFICERS OF ALUMNI ASSOCIATION

1939-40

President—Charles Frazier, '38, Y. M. C. A., Spokane.

Vice President, East Side—Harold Slater, '33, 1120 N. Cannon, Spokane.

Vice President, West Side—Mary Baker, '36, First Presbyterian Church, Tacoma.

Vice President, San Francisco Bay Region—Mark Koehler, '37, San Anselmo, California.

Secretary—Adeline Keyser Mott, E. 720 Montgomery, Spokane.

Treasurer—Ward Fancher, '35, E. 903-33 Ave., Spokane.

WHITWORTH COLLEGE AUXILIARY OFFICERS

May, 1940

The Whitworth College Auxiliary was organized September 15, 1930, with 103 charter members and has grown to a large and important organization of the college.

Mrs. F. R. Fursey.....	President
Mrs. J. B. Hazen.....	First Vice President
Mrs. Frank Warren.....	Second Vice President
Mrs. O. C. Miller.....	Secretary
Mrs. B. C. Neustel.....	Treasurer
Mrs. W. L. McEachran.....	Financial Secretary
Mrs. J. W. Countermine.....	Promotional Secretary

Board of Members at Large

Mrs. Morgan Allen	Mrs. F. T. Hardwick
Mrs. Ward Fancher	Mrs. N. M. MacLeod
Mrs. F. C. Farr	Mrs. Jack Mott
Mrs. James Forrester	Mrs. Jennie Richardson

PHI ALPHA or PHILACADEMIAN CLUB Scholastic Honor Society

1934	ACTIVE MEMBERS	1938
	David Glenn	Margaret Clapp
	Eleanor Goeke	Lorraine Rasco
	Marion Jenkins	Blair Cosman
	Ruthann Jones	Grant Rodkey
	Charlotte Slater	1939
1935		Harriet Bagdon
	Douglas MacIntyre	Stanley Hughart
	Keith Murray	Pauline Miller
1936		Janice Peterson
	Paul Gustafson	ASSOCIATE MEMBERS
	Dorothy Reed	Tamiko Nozaki
1937		Lee Rodkey
	Sara Clapp	1940
	William Gold	ACTIVE MEMBERS
		John Roth

1939 FACULTY MEMBERS

Miss Logerstrom	Miss Magill
Mr. Poole	

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