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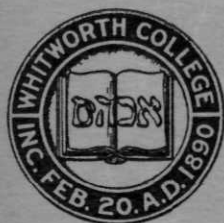
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CATALOGUE NUMBER
of
Whitworth College
BULLETIN

Spokane, Washington



A COLLEGE OF
LIBERAL ARTS AND SCIENCES

Announcements for 1938-9

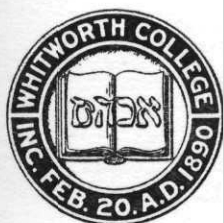
APRIL, 1938



CATALOGUE NUMBER
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Whitworth College

BULLETIN

Spokane, Washington



A COLLEGE OF
LIBERAL ARTS AND SCIENCES

Announcements for 1938-9

APRIL, 1938

Vol. 8

April, 1938

No. 5.

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.

INLAND-AMERICAN Ptg. Co.
SPOKANE

CALENDAR •

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 1938-9

FIRST SEMESTER

September

- 6-7, Tuesday and Wednesday New Student Registration
 7, Wednesday Freshman Convocation
 8, Thursday Former Student Registration
 9, Friday Freshman-Sophomore Contest
 12, Monday Class Work Begins

November

- 4, Friday Mid-Semester
 24-25, Thursday and Friday Thanksgiving Holiday
 28, Monday, 8:30 a. m. Class Work Resumes

December

- 22, Thursday, 4:15 p. m. Christmas Recess Begins

January

- 3, Tuesday, 8:30 a. m. Class Work Resumes

SECOND SEMESTER

January

- 23, Monday New Student Registration
 23, Monday Class Work Begins

March

- 24, Friday Mid-Semester

May

- 10, Wednesday First Investiture
 17, Wednesday May Festival
 22-26, Monday to Friday Examinations
 21, Sunday Baccalaureate
 26, Friday Class Day
 27, Saturday Commencement

WHITWORTH COLLEGE

Board of Trustees

CLASS OF 1938

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

CLASS OF 1939

Rev. Mark Matthews, D. D.	Seattle
William B. Dudley	Yakima
E. A. Lindsley	Spokane
F. D. Cartwright	Anacortes
Arthur E. Symons	Seattle
Alfred Carlson	Spokane
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

EXECUTIVE COMMITTEE

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
Ward W. Sullivan, <i>President of College, Member Ex-</i> <i>officio of Board and all Committees.</i>	

Faculty

WARD WILLIAM SULLIVAN, Ph. D.

President

B. A., 1911, M. A., 1914, Ph. D., 1925, University of Illinois; graduate of Kansas State Normal School. Head of department of history and government, Fort Hays Normal School, 1912-17; associate professor of history, Kansas University, 1918-21; assistant in department of history, University of Illinois, 1921-23; head of department of history, and political science, Albany College, 1923-29; Dean of Albany College, 1924-29.

Whitworth College, 1929—

College Campus

*CLARENCE WILSON GREENE, Ph. D.

Assistant to the President

Life diploma, Michigan State Normal College 1895; B. Pd. Michigan State Normal College 1903; B. A. University of Michigan 1903; M. A. University of Michigan 1905; M. Pd. Michigan State Normal College 1905; Ph. D. University of Michigan 1912; Graduate work, Columbia University 1922-23; President Parsons College 1928-1938.

Whitworth College, 1938—

FRANCIS TILEY HARDWICK, Ph. D.

Dean of the College, Education, Philosophy, and Psychology.

B. A., London, England, 1892; M. A., 1923, Ph. D., 1929, Uni-

*Beginning Sept. 1, 1938.

WHITWORTH COLLEGE

versity of Washington; graduate work, University of Wisconsin, Chicago, and California. Professor of English, College Place Bel Air, Yverdon, Switzerland, 1897-98; head master of Boys' Secondary School, Clevedon, England, 1898-99; head of the department of physics and chemistry high school, Winona, Minn., 1901-07; superintendent of public schools, Waterville, Minn., 1907-08; principal junior high school, Everett, Wash., 1908-27; extension department, University of Washington, 1927-28; department of Education, College of Puget Sound, 1928-29.
Whitworth College, 1929—

Ballard Hall

MARION R. JENKINS, M. A.
Dean of Women

B. A., Whitworth College, 1934; M. A., New York University, 1937; graduate San Jose Teacher's College, California, 1918; summer work at University of California, 1915; Girls' work secretary of Y. W. C. A., Vancouver, Washington, 1925-28; assistant dean of women, Bible Institute, Los Angeles, California, 1928-29; director of Christian Education, First Presbyterian church, Wenatchee, Washington, 1929-31.
Whitworth College, 1931—

McMillan Hall

ELISABETH GARTEN BACHIMONT, B. A.
Classical Languages

B. A., Carthage College, 1924; summer work, Illinois State Normal University, 1922 and 1923; graduate work, University of Chicago, 1927; University of Iowa, 1931; instructor in Latin and French and librarian, Rochelle Township High School, Rochelle, Illinois, 1924-28; Latin and French, Community High School, Bensenville, Illinois, 1928-1929; classical languages, Wartburg College, 1929-1932; tutor in Latin, University of Wisconsin, 1934-1935.
Whitworth College, 1936—

4727 N. Post

OTTO G. BACHIMONT, M. A.
Modern Languages

Dortmund and Hermannsburg, Germany, 1921; travelled, Germany, France, Greece, Turkey, Asia; B. A., Wartburg College, Clinton, Iowa, 1927; B. A., State University of Iowa, 1929; M. A., State University of Iowa, 1930; two summers' graduate work, University of Iowa, 1930, 1931; two years' graduate work toward Ph.D., University of Wisconsin, 1932, 1933-35; instructor in French and German, Wartburg College, Clinton, Iowa, 1930-33; assistant in German, University of Wisconsin, 1933-35; head of department of German and Classical Languages, Knoxville College, Knoxville, Tennessee, 1935-36.
Whitworth College, 1936—

4727 N. Post

FACULTY

ESTELLA E. BALDWIN, M. A. ✓

Secretary

B. A., 1934, M. A., 1938, Whitworth College; Bible Institute of Los Angeles, California, 1927-1929.

Whitworth College, 1933—

Home Economics Bldg.

G. BERNARD BALDWIN, B. A.

Director of Extension Service

B. A., Whitworth College, 1938; instructor Ford Republic Boys' Home, Farmington, Michigan, 1917-18; Pastorates in Michigan and Washington, 1919-35.

Whitworth College, 1934—

E. 219 Gordon

LAVERNE KENNETH BOWERSOX, Ph. D.

History and Political Science

A. B., 1920, Willamette University; A. M., 1923, Syracuse University; Ph. D., 1931, Ohio State University; Associate Professor of History, College of Idaho, 1924-25; Ohio State University, Assistant in Department of History, 1927-28; Eureka College, Professor of History, 1929-32.

Whitworth College, 1932—

3214 Dalton

JOHN ARVID CARLSON, M. S. ✓

Mathematics and Physics

B. S., 1925, M. S., 1931, University of Washington; Instructor in Mathematics and Science 1925-1929; Teaching Fellow in Mathematics, University of Washington, 1929-1931; Associate in Mathematics and Instructor of Extension Mathematics 1931-35.

Whitworth College, 1935—

Whitworth Hall

MYRON S. CLITES, Ph. D.

Education and Sociology

B. S. in Education, Valparaiso University, 1925; A. M. Indiana University, 1930; Ph. D. Indiana University, 1934; three years rural school; one year 7th and 8th grades; one year high school instruction; three years high school principal; two years superintendent of schools; Laboratory assistant department of Psychology, University of Indiana, 1931-34; Executive Dean Boise Junior College, 1934-36; Acting Associate Professor of Education, North Texas State Teachers' College 1936-37.

Whitworth College, 1937—

Country Homes

WHITWORTH COLLEGE

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

Piano and Assistant Dean of Women

Mus. B. Oberlin Conservatory of Music, 1918; Mus. M. Cincinnati Conservatory of Music, 1937; student of Ernest Hutcheson and Sigismund Stojowski in New York City; Associate Professor of Piano, Wooster College; Instructor of Piano and Dean of Women, Graceland College; B. A. Whitworth College, 1938.

Whitworth College, 1937—

Ballard Hall

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

Bible and Religious Education

B. A., 1893, M. A., 1896, Parsons College; M. Th., 1905, Princeton; D. D., 1910, Buena Vista College; graduate work Universities of Princeton and Hawaii, in philosophy, history, and Oriental religions. Principal of high schools 1899-1904; head of department of mathematics and philosophy, Lenox College, 1898-99; Dean of Religious Education, Highland Park College, 1912-15; Superintendent of Missions under the National Board in Porto Rico, 1915-18; head of Old Testament and Greek Department in the Honolulu Theological Seminary, Hawaii, 1920-28.

Whitworth College, 1928—

Country Homes

OSCAR KIRK DIZMANG, M. A.

Economics and Business Administration

B. S., 1927, Kansas State College of Agriculture and Applied Science; M. A., 1928, University of Chicago; Assistant Professor in Economics and Coach of Debate Lombard College, 1929-30; more than two years' additional graduate work at the University of Chicago. Assistant Instructor in Economics, Beloit College, 1930-31; Instructor in Economics and Marketing, Fenn College, 1931-32; Assistant Professor and Head of Department of Economics and Business Administration, Hanover College, 1932-34; Assistant Professor of Commerce and Business Administration, Kansas State Teachers' College (Pittsburg, Kansas), 1934-35.

Whitworth College, 1935—

N. 5717 Monroe

IRENE MARGARET GRIEVE, M. D.

Lecturer in Personal Hygiene

B. S., Washington State College, 1923; University of Oregon Medical School, 1932.

Whitworth College, 1934—

Old National Bank Bldg.

LOREN E. HATCHER, B. A.

Assistant Promotional Director

B. A., Whitworth College, 1937.

Whitworth College, 1936—

Country Homes

FACULTY

LESLIE HEDRICK, Ph. D.

Biology

B. A., 1926, University of Illinois; Ph. D., 1932, University of Michigan. Assistant Eureka College, 1926-29; Assistant, University of Michigan, 1929-31; Fellow, University of Michigan, 1931-32. Whitworth College, 1932— Country Homes

ORPHA HELM HEDRICK, B. A.

Physical Education for Women

B. A., Iowa State Teachers' College, 1928; Head of the Department of Physical Education for Women, Eureka College, Eureka, Illinois. Whitworth College, 1932— Country Homes

WINIFRED MCNAIR HOPKINS, B. A.

Voice

B. A. Albany College, 1929; Voice Diploma from American Conservatoire of Music, Fontainebleau, France, 1927; studied at University of Southern California, University of Oregon; special work under Yeaman Griffith, W. O. Lyman, Charles Stone Nelson; for ten years supervised music in public schools of Washington and Oregon; private studio in Portland, 1933-34; head of Music Department, School for Boys, Saloniki, Greece, 1927-28; Instructor in Music, Pacific University. Whitworth College, 1934— Country Homes

*HERBERT LEIGH HUSSONG, M. A.

Social Science

B. Ped., Fremont Normal, 1906; B. A., Fremont College, 1908; M. A., 1918, University of Oregon; graduate work one summer, University of California, and one summer University of Washington. Instructor, Principal, and Superintendent Public Schools, 1893-1909, 1913-1926; Instructor Utah Normal School, 1910-13. Whitworth College, 1926— Country Homes

OLIVE LOGERSTROM, M. S.

Home Economics

B. S., Kansas State College; M. S., University of Wisconsin; graduate work Kansas State College; special work Kansas City Art Institute; Illinois Wesleyan University; Valparaiso University; Athens College 1934-36.

Whitworth College, 1936—

Home Economics Bldg.

*Resigned March, 1938

WHITWORTH COLLEGE

ISABELLE CAROLYN MCLEOD, B. A.

Public Speaking and Dramatics

Graduate, Ellison-White Conservatory of Drama, Portland, Ore.; B. A., Albany College, 1936; graduate work, U. of Washington, summer, 1936; member of Hollywood Playcrafters; instructor of *Speech and Drama*, Albany College, 1935-36.
Whitworth College, 1937—

Country Homes

HELEN L. MAGILL, M. A.

English and Literature

B. A., University of Kansas, 1918; M. A., University of Chicago, 1922; Student at Columbia, Oxford, Alliance Francaise, University of New York Paris Branch, 1928-29. Principal and High School teacher in the Department of English, Wellston, Mulhall, Oklahoma, 1916-21; Assistant Professor of English, South Dakota State College, 1922-28; Instructor in English Department, Black Hills Teachers' College, South Dakota, summers of 1930 and 1931.
Whitworth College, 1930—

Ballard Hall

KEITH A. MURRAY, B. A.

Director of Promotional Activities

B. A., Whitworth College, 1935.
Whitworth College, 1935—

Country Homes

BENJAMIN CONRAD NEUSTEL, M. S.

Chemistry

B. A., Willamette University, 1914; M. S., Washington State College, 1931; graduate work in chemistry, botany, and education, University of Washington, summers of 1915-16-17; Washington State College summers of 1928-31. Instructor in high school science and mathematics, 1914-28; assistant chemist War Department, 1918.

Whitworth College, 1928—

Country Homes

GEORGE POINAR, B. M., M. M.

*Director of Music: Violin
Conductor of Orchestra and Band*

Student of Sol Marcossow of Cleveland, Ohio; S. P. Lockwood and Vassily Besekirsky at the University School of Music, Ann Arbor, Michigan; and Hans Letz at the Juilliard Graduate School of Music in New York City.

Whitworth College, 1932—

E. 603 17th Ave.

FACULTY

FRANCES E. ROSE, M. D.

Physical Education

Doctor of Medicine, University of Minnesota. Special lectures 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, 1930; M. S., Washington State College, 1932; student assistant in Physics, 1928-1930; Fellow, Washington State College, 1930-1933; head, Engineering Department, Spokane Junior College, 1933-1936.

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; Camas Public Schools, 1933-37.

Whitworth College, 1937—

Home Economics Bldg.

ORLIN C. SPICER, M. A.

Assistant in English

B. A., Whitworth College, 1935; M. A., Gonzaga University, 1938.

Whitworth College, 1935—

E. 1601 Ninth Ave.

GERALD MOODY STANNARD, B. A.

Athletic Director and Coach

B. A., Ottawa University, Ottawa, Kansas, 1933; B. A. in Education, Washington State Normal, Cheney, Washington, 1934; Assistant Football and Basketball Coach at Washington State Normal, Cheney, Washington, 1933-34.

Whitworth College, 1934—

E. 1417 Tenth Ave.

ALFRED HEWITT

Student Assistant in Biology Department

Whitworth College, 1936—

WHITWORTH COLLEGE

BONDE TUVESON

Student Assistant in Chemistry Department
Whitworth College, 1936—

FACULTY COMMITTEE

Administration

WARD W. SULLIVAN	.....	President
CLARENCE W. GREENE	.....	Assistant to President
FRANCIS T. HARDWICK	.....	Dean of the College
KEITH A. MURRAY	.....	Director of Promotional Activities
G. B. BALDWIN	.....	Director of Extension Department
MARION R. JENKINS	.....	Dean of Women
ANNA J. CARREL	.....	Assistant Dean of Women
LILIAN G. PECK	.....	Bursar
JEANNETTE E. FOSTER	.....	Secretary to the President
ESTELLA E. BALDWIN	.....	Secretary
LAURA WILSON	.....	Manager of the Dining Room
PHILIP L. WILSON	.....	Custodian, Buildings and Grounds

Faculty Standing Committees

Administration—The President and the Deans.

Athletics—Hedrick, Neustel, Clites, Mrs. Hedrick, Stannard.

Duties—To supervise athletic activities of all kinds and arrangements for games with outside parties, and determine eligibility and qualifications for all athletic activities.

Buildings and Grounds—Counterline, Schlichtig, Wilson.

Duties—To have supervision of buildings and grounds and to have general charge of Campus Day.

WHITWORTH COLLEGE

College Catalogue—Dean Hardwick, Magill, Murray.

Duties—To have charge of preparing the material for the revision of the college catalogue.

College Publications—Magill and Murray.

Duties—To supervise the preparation of the material for all student publications. The content of all publications must receive the approval of this committee.

Credits, Grades and Honors—The Dean and the Registrar.

Duties—To record and preserve the standing of all students, to have power to place students in the class rank to which their credits entitle them, and to act as custodian of all official and class records.

Degrees—Dean Hardwick, the Registrar, Hedrick, Magill, Bachimont.

Duties—To confer with candidates for degrees.

General Committee—The President and the chairmen of committees.

Duties—To coordinate the work of the various committees.

Graduate Study—President, Dean, major and minor advisers.

Library—Serier, Jenkins, Bachimont, Carlson.

Literary Activities—Bowersox, McLeod, Mrs. Bachimont.

Duties—To have charge of all debates and oratorical contests, and to cooperate in the production of literary programs.

FACULTY COMMITTEE

Musical Activities—Poinar, Hopkins, Carrel.

Duties—To have charge of all the musical activities of the college.

Press and General Publicity—Murray, Magill, Poinar.

Duties—To furnish to the press information of public interest regarding the college.

Public Exercises—The Dean, Countermine, Jenkins and one representative from each of the four classes.

Duties—To make arrangements for all public exercises including the chapel schedule.

Religious Activities—The Dean, Countermine, Jenkins, G. B. Baldwin.

Duties—The chairman to serve as adviser to all religious organizations. The committee to supervise the general religious work among the students and to have charge of all religious work connected with the college.

Social Functions—Dean Jenkins, Mrs. Hedrick, Miss Logerstrom.

Duties—To give permission for all social functions and to supervise them, to cooperate in and supervise all college social functions, and to have supervision of the women's reception room.

Student Activities—Bowersox, Neustel, McLeod, Jenkins.

Duties—To coordinate the work of the student organizations, to compile information concerning the personnel, the officers, and the faculty advisers, and to receive reports of the business transacted by the various organizations.

FOREWORD

A STRONG demand for private and Christian institutions of learning still persists despite the fact of the increasing support and patronage of state institutions. In the East the privately endowed institutions receive the majority of students attending colleges or universities. With the increase of wealth in the West the Christian colleges will be adequately endowed and the number of students attending them will constantly increase. Whitworth College will be no exception to this condition. It is meeting a real need, not only of the Presbyterians of the Washington Synod, but also of other denominations where along with the regular secular training required by the state there is added that religious training essential to the best citizenship. There is also an increasing desire on the part of Christian people of the State of Washington for an educational training of their young people that will strengthen them in the Christian faith.

Many thinking people believe that the right kind of environment and the right kind of associations are all important in the formation of the habits that determine Christian culture and living. They believe that the right environment and associations for Christian culture are found only in those institutions that hold firmly to the fundamental doctrines of the Christian faith. Whitworth College is preparing to meet this increasing demand on the part of the Christian people of the state.

Whitworth College is a Christian college on a Presbyterian foundation. It began as an Academy in Sumner, Washington, in 1884; it became a college in 1890. The College was removed to Tacoma in 1900 and to its present location in 1913.

BUS SCHEDULE

TO REACH THE COLLEGE

Whitworth College is situated on the Inland Empire Highway two and one-half miles north of the city limits of Spokane, Washington. The Auto Interurban Company maintains a schedule of stages passing near the college, enroute to Colville and points north.

The college also operates a bus which connects with the Spokane United Railways at Dalke and Wall on the following 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.		12:55 p. m.	1:05 p. m.
	12:45 p. m.	3:35 p. m.	3:40 p. m.
1:15 p. m.	3:25 p. m.	5:30 p. m.	5:30 p. m.
3:50 p. m.	5:20 p. m.		
5:40 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 stage or train at the opening of the college year will be met by cars from the college provided 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 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' cottages. The College has a library of twelve 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.

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 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.

EXPENSES

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, 12-15 hours.....	\$75.00
Excess hours, above 15, per hour.....	5.00
Less than 12 hours, per hour.....	6.00
Library fee.....	3.50
Old Student late registration (after Sept. 20 and Feb. 7).....	1.00
Test fee.....	.50
Incidental fee.....	8.00

A Physical Education fee of \$1.00 a semester, paid by all freshmen and sophomores, whether enrolled in physical education or not.

\$1.00 charge for each change in schedule after Sept. 20 and Feb. 7, and for examination taken out of schedule time.

Graduation fee is \$10.00.

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.

DORMITORY CHARGES, PER SEMESTER:

Board.....	\$112.50
Room per student, two in a room.....	36.00
Both board and room, per semester.....	\$148.50
Single Meals: Breakfast.....	.30
Dinner.....	.50

WHITWORTH COLLEGE

SUMMARY OF YEARLY EXPENSES FOR DORMITORY STUDENTS:

Tuition	\$150.00
Room and Board	297.00 ³⁴ 331
Associated Student Fee	20.00
Library Fee	7.00
Incidental Fee	16.00
Test Fee	1.00
Minimum Total	\$491.00

SUMMARY OF YEARLY EXPENSES FOR OTHER STUDENTS:

Tuition	\$150.00
Associated Student Fee	20.00
Library Fee	7.00
Incidental Fee	16.00
Test Fee	1.00
Minimum Total	\$194.00

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.

No student will be given a transcript of grades or a diploma until all college bills are paid. All semester bills must be paid, or satisfactory financial arrangements made before any grades will be recorded.

DORMITORY REQUIREMENTS

Students not residents of Spokane, unless living with relatives or working for their board and room, live in the college dormitories.

DORMITORY REGULATIONS

Dormitory students are expected to provide as a minimum:

1. Three table napkins.
2. A napkin ring.
3. Three sheets, approximately $1\frac{1}{2}$ by $2\frac{1}{2}$ yards.
4. Two pillow-slips, a pillow and a bedspread.
5. The necessary blankets, comforters, towels, bureau covers, curtains, rugs, and pictures.

DORMITORY REGULATIONS

The students living in dormitories are expected to pay for their personal laundry, including bed linens, towels, window curtains. Bed linens must be kept clean and room in good order.

Some laundry may be done in the dormitories by the students, subject to the dormitory regulations.

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

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

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

Radios and other appliances using electricity must be registered in the Dean's office. The use of irons or hot plates is not permitted in dormitory rooms.

One person in a room will be allowed two electric lights; two persons, three electric lights. For additional lights or electrical appliances, an extra charge will be made.

The dormitories and college halls will be closed throughout the Christmas vacation. (See calendar.)

The college dining hall will be open for breakfast Tuesday, September 6, and closed after the luncheon hour on Saturday, May 27.

Students entertaining guests at the college must secure guest's registration at the office.

WHITWORTH COLLEGE

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

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 1937-38 the following were given:

1. The Alaskan scholarship of \$50.00 given to a young man who is a member of the Presbyterian Church.
2. The James Silliman scholarship of \$30.00 given to a worthy student.

LOAN FUNDS

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

Hedley A. Vicker Fund.....	\$938.44
Mrs. Gertrude Mather Fund.....	100.00
First Presbyterian Church, Wenatchee.....	91.53

EXTRA-CURRICULAR ACTIVITIES

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

\$1,345.02

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

WHITWORTH COLLEGE

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 an elected membership 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 helping 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. It also holds dormitory prayer-group meetings from time to time.

STUDENT ORGANIZATIONS

4. Pre-Ministerial Group. 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, and tennis. 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 creating and promoting pep and enthusiasm for 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

WHITWORTH COLLEGE

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. Modern Language Club. The purpose of this organization 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 are 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 Assembly 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

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 Tuesday and Wednesday, September 6-7. These days will be given over to their registration. On Wednesday will occur the first convocation for new students. They will receive their first instructions on college life and ideals as lived at Whitworth College. On Thursday morning the new students will assemble by sections in their respectively appointed places for further instruction and guidance. These section-meetings will consummate in the second new student convocation. This procedure for the new students entering Whitworth College is very significant and it is important that all new students for the first semester for 1938-39 be present on these days.

Former students of Whitworth College will arrive on the college campus on Thursday, September 8, for registration. All classes meeting on Friday will meet for a short period on Friday morning, September 9. At the conclusion of the class meetings, Friday morning will occur the first all-college convocation. Upon adjournment there will be an all-college picnic lunch fol-

WHITWORTH COLLEGE

lowed by the annual Freshmen-Sophomore contest. On Friday evening will occur the annual faculty reception in the college auditorium.

During adjustment week changes in schedule will be allowed and accustomed tests will be given. Beginning on Monday, September 19, a special fee of \$1.00 will be charged for each change in schedule of study or for late registration.

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.

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.

GRADES AND POINTS

Grades: A represents 100-96; B, 95-88; C, 87-78; D, 77-70; I, Incomplete; F, Failure; W, Withdrawal, and N, Hyphenated course.

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. Perfect chapel attendance counts 1.

ATTENDANCE

An "Incomplete," if made up within the first nine weeks of the next college semester, will receive the number of grade points corresponding to the final grade given. If not made up within that period, it becomes an "F." A "W" will be granted to a student who withdraws from class, 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

REGULARITY:

Students are expected to attend all the regular exercises of the courses given in classroom or laboratory for which they are registered and all assemblies. All absences are reported to the Dean's office. Absence from class laboratory, or assembly 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.

ABSENCES:

Students will be granted "excused absences" only when satisfactory arrangements have been made by the Dean of the College. For these absences no grade points will be deducted provided the work is made up to the satisfaction of the instructor in charge. All other absences will be unexcused by the Deans except in cases of sickness and those of special duty for the College, and in such cases an excuse blank must be secured before the student is readmitted to class. Unexcused absences will not be tolerated.

Students who are absent must procure an excuse slip

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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 assembly to the respective Deans. The action of the Deans will be final in each case.

If the total number of a student's unexcused absences exceeds twenty, his total credit for that semester is reduced by one hour, and for each additional fifteen absences a reduction of one hour of credit is made.

If the number of absences in a single course exceeds three times the number of class exercises per week, registration in that course is cancelled. For each unexcused absence from assembly a reduction of one hour's credit from the current semester's student program will be made.

TARDINESS:

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.

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

ADMISSION REQUIREMENTS

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

WHITWORTH COLLEGE

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 offered
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 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.

SPECIAL REQUIREMENTS

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 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.

SPECIAL REQUIREMENTS

The following courses are required of all students who expect to receive a college degree:

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)	
Religious Education.....	6 hours
Psychology.....	3 hours
Philosophy.....	3 hours
Physical Education.....	4 hours
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.

INVESTITURE

Every year just before Commencement arrangements

WHITWORTH COLLEGE

are made for investiture services at which all the faculty and 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. All post-graduates in attendance at the college are expected to take part in all academic processions, Baccalaureate and Commencement exercises.

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.

Whitworth College also offers the degrees of Master of Arts and Master of Science. Admission for graduate study leading toward these degrees shall be made after consultation with the Graduate Committee. Majors will be restricted to a limited number of departments.

JUNIOR COLLEGE PROGRAM

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

For those students who want to complete only two years of college, a background of general courses in the Junior College years is offered. In the Junior College program preparation is made also for Senior College work and for professional study. At the same time the curricula are so arranged that its students are trained for definite vocations such as Teaching, Business, Civil Service, Music, Journalism, Physical Education, Home

JUNIOR COLLEGE

Arts, and Religious Education. Provision is also made to prepare those students who desire to go into some technical work to get an adequate Pre-Professional training. Pre-Professional courses are offered in Theology, Law, Medicine, Pharmacy, Dentistry, Nursing, Forestry, and Engineering in its several branches. Full four years of study are required for the vocational courses completed at Whitworth College. The Pre-Professional courses may be completed in two years, but the tendency is, in the better class of professional schools, especially Law, Medicine, and Theology, to require a full four years' course in the Liberal Arts college. If the student has determined which profession he wishes to enter, his college course at Whitworth can be arranged accordingly.

Vocations for which students may be prepared:

- Teaching
- Business
- Civil Service
- Music
- Journalism
- Physical Education
- Home Arts
- Religious Education

Pre-Professional Courses:

- Theology
- Law
- Medicine
- Pharmacy
- Dentistry
- Nursing
- Engineering
- Forestry

Courses in all these subjects will be outlined for students in conference with the Dean and the heads of the various departments as shown in the following schedules.

WHITWORTH COLLEGE

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
Electives.....	2-0	2-0
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.....	5	—
Argumentation.....	2	2
Psychology.....	3	—
Economic Geography.....	—	3
Society and Institutions.....	—	3
Applied Psychology.....	—	3
Electives.....	4	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

PRE-DENTAL COURSE

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
	<hr style="width: 50px; margin: 0 auto;"/>		<hr style="width: 50px; margin: 0 auto;"/>
	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
	<hr style="width: 50px; margin: 0 auto;"/>		<hr style="width: 50px; margin: 0 auto;"/>
	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

WHITWORTH COLLEGE

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
	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
Electives	2	—
	15	15

*Any social science may be substituted for Economics 1-2.

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

PRE-LAW COURSE

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
Introduction to Business	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	--
Psychology	3	3
Argumentation	2	--
Christian Education	--	2
Electives	2	2
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

If a student who has completed the three years' work mentioned above desires to receive his Bachelor's degree

WHITWORTH COLLEGE

from Whitworth College, he should take during his first year in a standard law school the following courses:

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Contracts	5	5
Personal Property	3	—
Real Property	—	5
Torts	4	4
Criminal Law	3	3

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
—		—	
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 or Music	2
—		—	
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
Economics	3	Electives	4
—		—	
16		16	

DESCRIPTION OF COURSES

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
	15	Electives	4
			15

PRE-NURSING

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
English Composition.....	3	English Composition.....	3
General Chemistry	5	General Chemistry	5
Human Anatomy.....	3	Nutritional Physiology.....	3
History of Nursing.....	2	Nutrition or Electives.....	3
Physical Education.....	1	Electives	2
Electives	2		—
	16		16

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
General Psychology.....	3	Nutrition or Electives.....	3
Sociology	3	Christian Education.....	2
Christian Education.....	2	Bacteriology	4
Public Speaking.....	2	Heredity & Eugenics.....	2
Special Physiology.....	3	Philosophy	3
Physical Education.....	1	Electives	2
Electives	2		—
	16		16

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 completed.

The course of study covers all the requirements of the Washington State Graduate Nurses Association for advanced standing enabling a student to complete her training in two and one-half years, in some hospitals.

WHITWORTH COLLEGE

In such cases six additional hours must be taken at Whitworth College in order to complete the requirements for a Bachelor of Science degree.

POST-NURSING

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
English Composition	3	English Composition	3
General Chemistry	5	General Chemistry	5
Zoology	5	Comparative Anatomy	4
Physical Education	1	Public Speaking	2
General Psychology	3	Electives	2
	16		16

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Literature	3	Nutritional Physiology	3
Embryology	4	Bacteriology	4
Sociology	3	Christian Education	2
Christian Education	2	Philosophy	3
Physical Education	1	Electives	4
Electives	3		—
	16		16

Any student who is a graduate of an accredited hospital may receive her Bachelor of Science degree upon the completion of the above course of study.

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

BIOLOGY COURSES

work for one semester hour of credit. Courses starred are not given in 1938-39 except when circumstances may require; and others may be withdrawn if enrollment is too small.

BIOLOGY

Dr. Hedrick

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 hours lecture and two three-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.

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

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importance of these organisms. Students are taught the correct methods of preparing different culture media and the proper uses of bacteriological stains. Required of Home Economics majors. 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 2 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 *Four hours one semester*

Two-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.

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.

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.

BIOLOGY COURSES

*56. SPECIAL PHYSIOLOGY

Three hours one semester or summer session

Two-hour lecture and one three-hour laboratory period. Prerequisite: Physiology 55a. 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 plus breakage deposit \$3.00.

*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.

*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 plus breakage deposit \$3.00.

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 con-

WHITWORTH COLLEGE

siderable 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 graduate 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

Mr. Tuveson, Assistant

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.

1-2. GENERAL CHEMISTRY *Five hours each 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. Includes the elements of qualitative analysis. Prerequisite: High school algebra. Three lectures and two laboratory periods.

11. ADVANCED QUALITATIVE ANALYSIS

Five hours first semester

Systematic analysis of the metals and the acid radicals. Students will be required to analyze fifteen unknowns. Prerequisite: 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.

CHEMISTRY

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.

55-56. ORGANIC PREPARATIONS

Two hours each semester

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

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.

CHRISTIAN EDUCATION

Dr. Countermine

The aim of all the courses in this department is to assist the pupil to become familiar with the contents of the Bible and to apply that knowledge to the principles of Christian living.

A major in Bible consists of 24 semester hours, which may include Philosophy 52; a minor, 16 semester hours, selected from the following courses or their equivalents.

1. OLD TESTAMENT HISTORY

Two hours one semester

This course, which is suggested for all freshmen, covers nearly one-third of the Bible narrative. It begins with creation and ends with the Babylonian captivity. It will be seen that there is too much material to be mastered in thirty lessons; hence portions of this history will be over-viewed in the form of lectures that the student may be able to trace the plan and purpose of God in this divine economy.

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2. HEBREWS *Two hours one semester*

This short epistle to the Hebrews offers an explanation for much of the work in Course No. 1. It presents, (a) The perfect representation of God in the person of Jesus Christ; (b) The principle of Christian life by faith in God; (c) The peril of death through apostasy. Man's first need was a prophet to tell him what God wants of man; then a priest to tell God what man wants of God; then a king to rule man in the interest of God. A wonderful book!

5. MOSES *Two hours one semester*

This course is for those who prefer a more intensive study of the Pentateuch (the first five books of the Bible) than is offered in course No. 1. The design of the Bible is not to give us the history of man, or of the nations of the ancient world, but man's redemption. Genesis begins with the story of creation, then the fall of the human race, followed with the promise of a Redeemer, of whom Moses, a divinely chosen deliverer, was a type.

32. OVERVIEW OF THE NEW TESTAMENT *Two hours one semester*

A study of the making and meaning of the New Testament, or how the New Testament grew. The course aims to inform the students how the 27 scattered letters and documents came to be collected and organized into the New Testament.

34. MARK *Two hours one semester*

This is the Gospel for the Roman. It presents the claims of Jesus with reference to the characteristics of that race who possessed the political power at that time. The Roman represents the idea of power embodied in the state. The Roman would care little about the fulfillment of prophecy, hence Jesus must appear to him as the man of power, the worker, the conqueror. It is the Gospel of power, of conquest over nature, spirits, disease, death; it is the Gospel of service.

51. THE ACTS OF THE APOSTLES *Two hours one semester*

A study of the founding, development, and extension of the Christian Church, based on the Acts of the Apostles and the Epistles of the New Testament. Regular junior work or upper division.

52. THE EPISTLE TO THE ROMANS *Two hours one semester*

The writers of the four gospels give us a sketch of the earthly

CHRISTIAN EDUCATION

life of Jesus. This is what we call the Gospel. But it was the work of Paul to interpret that Gospel, and this is largely given in his epistle to the Romans.

57. PROPHETS AND PROPHECY

Two hours one semester

A review and over-view study of each of the sixteen books of Old Testament prophecy. The aim is to learn the message of each of these books and the present day application.

61. CORINTHIANS

Two hours one semester

There were many things at work to hinder the power and progress of the Gospel in this cosmopolitan city of Corinth. The church was split up in parties, and much in need of the truth and instruction in the Gospel. These two letters were written to meet that opposition and to encourage the members of the church in their Christian life and service.

62. MATTHEW

Two hours one semester

The design of this Gospel is to set forth the Messianic claims of Jesus in a manner to satisfy the Jews. It abounds in statements to show that Jesus fulfilled the prophetic Scriptures. It is the Gospel of the Kingdom and the Sermon on the Mount.

63. JOHN

Two hours one semester

This Gospel emphasizes the Divine life of Jesus Christ. About 92% of it is not found in the synoptics. The purpose of this Gospel is given in John 20:31. It is the beloved Gospel of the beloved disciple.

64. LUKE

Two hours one semester

The Gospel designed for the Greeks. The Greek attempted to create the perfect man but he failed. Luke presents that Man in the person of Jesus Christ, the Jewish Messiah the Universal Man, the Saviour of all mankind.

67. EZEKIEL AND DANIEL *Two hours one semester*

Two Old Testament prophets who were of the period of Captivity, and both representing apocalyptic literature. Both with powerful intellect and far-reaching in their visions. They repeat all the great teachings of those who preceded them, laying special emphasis upon such matters as justice, morality, and spiritual religion. Both Messianic looking for the full and glorious restoration of the Jews under a theocracy.

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71. GEOGRAPHY AND ARCHEOLOGY

Two hours one semester

A knowledge of both of these subjects is essential to an understanding of the Old Testament. The course is prepared for advanced students. It begins with a sketch of the Jews, then a thorough study of the geography of Bible lands, and the voice of the spade from ancient and modern excavations.

72. THE PSALMS AND HEBREW SONGS

Two hours one semester

Certain of the Psalms are first analyzed and then memorized by the members of the class. The Authorized Version is used. The course is offered in response to certain requests for an opportunity to study and store up in mind these sacred songs. The course will not be offered unless six or more students enroll for it

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.

1-2. ELEMENTARY GREEK *Four hours each semester*

Special emphasis will be placed on grammar and vocabulary. The fourth term will be devoted largely to reading and to a review of the year's work.

*51. XENOPHON'S ANABASIS

Three hours on semester

Selections from the first four books will be read, sight reading will be emphasized, and some collateral reading of the history of Xenophon's time and selections of contemporary authors, in translation, will be considered. Offered only if there is sufficient demand.

CLASSICAL LANGUAGES

*53-54. HOMER'S ILIAD AND ODYSSEY

Three hours each semester

Selections will be read in the original, others in translation, and the influence of Greek literature on the Latin and modern writers will be considered. Offered only if there is sufficient demand.

55-56. NEW TESTAMENT IN GREEK

Three hours each semester

Selections from the New Testament will be studied and the meaning of some of the more important words carefully considered. Some of the ancient versions and manuscripts will be discussed and the findings of archaeology will be noted.

57-64. OTHER WORKS IN GREEK, AS PLATO, SOPHOCLES, ETC., WITH A STUDY OF GREEK LIFE AND LITERATURE

Three hours

Latin

Major: Twenty-four hours, and an additional major, preferably History, or Sociology, or two minors. History 53 is required. Latin 1 and 2 do not count on a major or a minor.

1-2. BEGINNING LATIN

Four hours each semester

This is offered for students who have not had Latin. A semester and a half will be given to the elementary work. The fourth quarter will be spent in reading Roman stories and some of Caesar.

3-4. CAESAR AND CICERO

Three hours each semester

The first semester will be a continuation of the fourth quarter of the previous year. Selections from Caesar's commentaries will be read, grammatical principles reviewed, vocabulary emphasized, sight-reading required, and other Roman literature discussed. In the second semester Cicero or some other author will be studied.

5-8. THE AENEID AND OVID

Three hours each semester

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.

WHITWORTH COLLEGE

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.

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-

ECONOMICS AND BUSINESS ADMINISTRATION

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.

WHITWORTH COLLEGE

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.

ECONOMICS AND BUSINESS ADMINISTRATION

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.

EDUCATION

Dr. Hardwick

Dr. Clites

Minor: Sixteen hours in this department must be taken by those expecting to get a teacher's certificate. This minor should include courses 22, 51, 62, and 65.

Those intending to become teachers must meet the following requirements:

For the Standard Five Year Certificate complete a total of 30 semester hours beyond their baccalaureate degree including 16 hours in education. The courses in educational psychology, general methods, secondary education, special methods, practice teaching, and credit in state manual with a grade of 85 are required. (State manual does not count toward 30 hours.)

Preparation for teaching should begin in the junior year. A major and two minors with a 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. Students may shape their courses so that they may lead to the degrees of Master of Arts and Master of Science.

WHITWORTH COLLEGE

21. GENERAL PSYCHOLOGY *Three hours one semester*

A general course required of all students, and consisting of the following: 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.

*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.

55. STATE MANUAL

Two hours one semester

EDUCATION

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.

*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,

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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 adaptive 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.

52. ETHICS

Three hours one semester

A study of ethical principles and their application to various problems in individual and social life. Throughout 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.

ENGLISH

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.

ENGLISH

Miss Magill

Miss McLeod

Mr. Spicer

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. Required courses are 1, 2 (or 8), 25, 26, 55, 56, 57, 58, 68 and 69.

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.

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

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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.

S59. SURVEY OF AMERICAN LITERATURE

Three hours

S60. SURVEY OF ENGLISH LITERATURE *Three hours*

ENGLISH

61. THE SHORT-STORY *Two hours first 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.

*62. THE NOVEL *Two hours second semester*

Primarily a reading course in fiction. This course requires (1) a study of the origin, development, and characteristics of the novel, with emphasis upon the work of modern authors and the tendencies of present-day fiction; (2) a detailed study of ten important novels.

66. NINETEENTH CENTURY POETRY

Two hours second 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

PUBLIC SPEAKING

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.

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 extempore speaking will be given in the class room. Actual public platform work will be required of students in this course given in alternate years.

PUBLIC SPEAKING

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.

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.

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, including History 56, 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.

11-12. 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

WHITWORTH COLLEGE

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.

*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.

*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.

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.

HISTORY

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.

*101. HISTORY OF THE WEST SINCE 1860 *Three hours either semester*

Special emphasis will be placed on the development of the Pacific Northwest, Western railroads. One research problem will be required of each student.

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.

56. 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.

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.

For those majoring in Home Economics courses in Art, Chemistry, Biology, Physiology, and Psychology 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.

HOME ECONOMICS

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.

Home Administration

51. HOUSEHOLD MANAGEMENT

Two hours one semester

A study of the organization and management of time, labor, and income; selection of equipment; family development.

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.

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.

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.

WHITWORTH COLLEGE

Home Economics Education

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.

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 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.

MATHEMATICS AND PHYSICS

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.

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.

WHITWORTH COLLEGE

*105-106. PROJECTIVE GEOMETRY

Two hours each semester

A course in analytical projective geometry. Prerequisite: Mathematics 52 or special permission from head of Mathematics Department.

131-132. FUNCTION OF A COMPLEX VARIABLE

Three hours each semester

Conformal mapping, contour integration, infinite series, and differential equation. Prerequisite: Math. 104.

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.

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

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 and science 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. ELECTRICITY AND MAGNETISM

Four hours first 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.

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.

WHITWORTH COLLEGE

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.

With these objects in view the courses offered and texts read will vary according to the needs of the students.

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.

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

MODERN LANGUAGES

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, such as Hugo, Maeterlink, Rostand and others up to the present time including those of today. The dramas of the romantic period of Hugo, and Rostand's plays will be emphasized and as requirements there will be extensive reading reports and term papers.

61. 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.

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.

The texts read and courses offered will vary according to the needs of the students.

WHITWORTH COLLEGE

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.

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 new movement in German literature is considered and the lives and works of the foremost dramatists as well as other writers since the classicists, such as, Heine, Kleist, Hauptman, Hebbel, Sudermann, Meyer and others are studied and read. Literary topics and oral and written work count as requirements.

MUSIC

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*

Contemporary literature, inter-relations of German and English literature, Lessing, Hamburg Dramaturgy, Goethe, Dichtung and Wahrheit, etc. Lectures, and written and oral reports. For advanced students and involving research and seminar work.

The courses offered and texts read will vary according to the needs of the students.

MUSIC

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

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

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,

WHITWORTH COLLEGE

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
	<hr style="width: 100%;"/>	<hr style="width: 100%;"/>
	17	17

SOPHOMORE YEAR

Foreign Language	3	3
General Psychology 21	3	—
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
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	16	16

MUSIC

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.	2	2
Music 51-52, Applied Music	3	3
Electives	2	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. THEORY OF MUSIC *Three hours each semester*

Four class meetings weekly. 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.

MUSIC

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.

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.

MUSIC

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. Poinar, 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.

MUSIC

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 clavier.

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.

VOCAL

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.

PHYSICAL EDUCATION

Mr. Stannard

Mrs. Hedrick

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.

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. One hour credit.

3-4. PHYSICAL EDUCATION *Sohomore Gym*
One hour each semester

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

5. FOOTBALL *One hour first semester*

6. BASKETBALL *One hour second semester*

7. TENNIS *One hour second semester*

8. GOLF *One hour second semester*

WHITWORTH COLLEGE

11-12. THEORY OF COACHING

One hour each semester

A study of the rules, training methods, fundamentals, and practical work in coaching. One hour credit. No prerequisites. Open to all.

Physical Education for Women

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

1. SWEDISH GYMNASTICS *One hour first semester*

For all freshmen women. Meets twice a week. A course in gymnastics designed to give muscular control and rhythm.

2. DANISH GYMNASTICS *One hour second semester*

To follow course number 1. Meets twice a week. One hour credit.

7. CORRECTIVE GYMNASTICS *One hour each semester*

Exercises given for student needing individual help and correction work. Required if recommended after physical examination.

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. Open to all. Two periods per week.

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

Elementary course in folk dances and rhythmic expression.

SOCIOLOGY

SOCIOLOGY

Dr. Clites

Miss Jenkins

A major in sociology consists of at least 24 hours.

A minor in sociology consists of at least 16 hours.

1. INTRODUCTION TO SOCIOLOGY

Five hours first semester

A study of personality traits in view of a complex social environment. A basic survey of the elements entering into the field of sociological study, such as social forces and processes. Emphasis is placed on culture, dynamics of personality, freedom and laissez-faire, mental conflicts.

2. SOCIETY AND INSTITUTIONS

Three hours second semester

The genesis of association with its integrated and component forms is presented. The four primary forms of association and their institutions are discussed from their economic, domestic, religious, and political perspectives. The resultants of gregariousness are evaluated through the media of domination, stimulation, cooperation, adaptation and other social processes. These are illustrated by practical observation and experience.

9. HUMAN ECOLOGY

Two hours first semester

A study of the forces leading to and influencing the location of people. The effect of environmental factors on human life. Space and time factors in population are noted. Prerequisite: Three hours of Sociology.

51. CRIMINOLOGY

Three hours first semester

The field of Criminology is considered from three fundamental aspects: The criminal, the machinery of justice in dealing with the criminal, the reaction of society to the criminal. Psychiatric factors, toxic psychosis, the political factors of crime, prison riots are considered. Visits to criminal courts, jails, and prisons will be required. Prerequisite: Three hours of Sociology.

52. POPULATION

Two hours second semester

The study of man's numbers and their relation to his welfare is the central theme of this course. Among the topics discussed are the distribution and localization of population by continents, countries, and cities; its growth and direction; the complicating elements of age, sex, occupations, war, and famine. Prerequisite: Three hours of Sociology.

WHITWORTH COLLEGE

55. SOCIOLOGICAL PHILOSOPHY

Three hours first semester

A comparative and critical study of the contributions of noted sociological thinkers from early times to modern presentations. A selected list from the many "schools" in the field of sociology will be studied. Primarily for seniors. No one below junior standing admitted and preferably with eight hours Sociology prerequisite.

62. GROUP BEHAVIOR (Social Psychology)

Three hours second semester

A study of the various reactions and imitations which result from the stimuli of mind acting upon mind. The field is that commonly expressed by the term "social psychology." "Psychic inter-stimulation" is the key word. The laboratory of the course is found in the field of actual group living where are analyzed the group opinion, group loyalties, conflicts, morale, control, and group products. Students will report on their findings from direct observation and experience. Prerequisite: Three hours Sociology and General Psychology.

64. SOCIOLOGICAL ANTHROPOLOGY

Three hours each semester

The recent rapid advancement of the social sciences has been accompanied by an interest in social anthropology as a necessary background to sociology.

The data of anthropology are embodied in a mass of descriptive detail and their full assimilation in a short course is difficult.

It is the object of this course to study the social evaluation mainly. The student must of necessity, then, forego field study and cover a minimum of descriptive data as comprehensive and interpretive as time permits. One or two visits to the Spokane Museum with its fine store of artifacts are required. Primarily for seniors. No one below junior standing admitted, preferably with at least five hours Sociology prerequisite.

101. SOCIAL RESEARCH *Three hours either semester*

The principles of critical scholarship, the proper technique in applying scientific method, and a general knowledge of the status of research today are essentials. The course is mainly field work in which the student is assigned some specific problem or institution to investigate. Required of teaching majors. Prerequisite: Ten hours of Sociology.

EXTENSION SERVICE

EXTENSION SERVICE

The Whitworth College Extension Service consists of the extension of the facilities of the college into the local communities within the Spokane Area, and offers three distinct types of service:

1. College Credit Extension Classes in the field of Bible and Christian Education;
2. Inspirational Young People's Services and Activities;
3. Wholesome Entertainment Programs from the Music and Dramatic Departments.

WHITWORTH COLLEGE

TOTAL STUDENT ENROLLMENT BY CLASS 1937-38

Seniors

Alvis, Burton— <i>History</i>	Yakima
Andrews, Hugh— <i>Christian Education</i>	Kent
Baldwin, G. B.— <i>Sociology</i>	Spokane
Barnes, Harold— <i>Economics-Sociology</i>	Spokane
Barnes, Hazel— <i>English-Sociology</i>	Spokane
Baumgartner, Elizabeth— <i>Home Economics</i>	Spokane
Chapman, Gyneth— <i>History</i>	Spokane
Clapp, Margaret— <i>History</i>	Ephrata
Clapp, Sara— <i>English</i>	Ephrata
*Colpitts, Donald— <i>Chemistry</i>	Spokane
*Cook, James— <i>History</i>	Spokane
*Eastburg, Harold— <i>Sociology</i>	Spokane
Finney, John— <i>English</i>	Spokane
*Gold, William— <i>History</i>	Spokane
*Gordon, Marie Louise— <i>English</i>	Spokane
Hewitt, Alfred— <i>Biology</i>	Spokane
Hunsberger, Paul— <i>Sociology</i>	Valleyford
Jacobs, Grace— <i>Sociology</i>	Spokane
*Knudson, Laura— <i>Biology</i>	Spokane
Merwin, Neil— <i>English</i>	Sandpoint, Idaho
Miller, Esther— <i>Home Economics</i>	Waukon
*Minnich, Marian— <i>Sociology</i>	Omak
*Mooers, Harley— <i>Education</i>	Deer Park
Morgan, Evelyn— <i>Sociology</i>	Spokane
Nutting, Robert— <i>Education</i>	Spokane
Poore, Lowell— <i>Mathematics</i>	Sunnyside
Rasco, Lorraine— <i>Sociology</i>	Sunnyside
Safe, Wilbur— <i>Classical Languages, Christian Education</i>	Spokane
Timm, Wilma— <i>Mathematics</i>	Harrington
Tuveson, Bonde— <i>Chemistry</i>	Spokane
Warrick, Howard— <i>Economics</i>	Spokane
*Williams, William— <i>History</i>	Clarkston
*First Semester Seniors.	

Juniors

Anderson, Harold.....	Spokane
Blaisdell, Jack.....	Creston
Bowdoin, Joseph.....	Myrtle Point, Ore.
Cosman, Blair.....	Rockford
Kippen, Lorine.....	Spokane
Lautenschleger, Aldena.....	Endicott

ROSTER OF STUDENTS

Lord, Lenora	Great Falls, Mont.
McCallum, Joy	Spokane
McCarthy, Earl	Spokane
Machle, Ed	Tacoma
Norris, Merlin	Spokane
Numata, George	Spokane
Peterson, Walter T.	Valley
Richardson, Leonard	Clarkston
Richardson, Norman	Clarkston
Robinson, Marjorie	Spokane
Rodkey, Grant	Post Falls, Idaho
Simmons, Mildred	Spokane
Steele, Garth	Hamilton, Mont.
Stockman, Milton	Spokane
Thorndike, Gertrude	Neah Bay
Tonn, Max	Spokane
Trevitt, Mary	Republic
Webster, Dan	Sitka, Alaska
Wikstrom, Paul	Spokane
Wotring, Ray	Wenatchee

Sophomores

Bagdon, Harriet	Wenatchee
Bassford, Edgar	Chester, Mont.
Beaumont, Margaret	Spokane
Braden, Clara Belle	Gibbs, Idaho
Buck, Mary Nell	Corvallis, Mont.
Burggrave, Helen	Spokane
Carlson, George	Spokane
Conner, Marguerite	Spokane
Cook, Ruel	Spokane
Culp, Howard	Omak
Dodds, Robert	Spokane
Durham, Jean	Tacoma
Edenso, Nathaniel	Craig, Alaska
Eisenhauer, John	Post Falls, Idaho
Franks, Stanley	Spokane
Fraze, Margaret	Spokane
Gibson, Donald	Opportunity
Goodsell, James	Colbert
Graham, Leola	Mead
Hanson, Robert	Spokane
Hunt, Alice	Denver, Colo.
Hook, LeRoy	Valleyford
Hughart, Stanley	Spokane
Hunsberger, Madlyn	Valleyford
Jones, Wata	Coeur d'Alene, Idaho

WHITWORTH COLLEGE

Kirkpatrick, Hugh	Spokane
Kirsch, Lewis	Spokane
Koper, Mary	Fairfield
MacIntyre, David	Anaconda, Mont.
McCannon, Alice	Spokane
McCannon, Maude	Spokane
Martin, Dorothy	Tacoma
Miller, Pauline	Spokane
Mitchell, Helen	Connell
Mount, Mary Virginia	Libby, Mont.
Ott, Mildred	Ritzville
Pender, Alice	Mount Vernon
Peterson, Gladys	Gig Harbor
Peterson, Janice	Enumclaw
Pond, William	Williston, N. Dak.
Preston, George	Coeur d'Alene, Idaho
Pryer, Edith	Haines, Alaska
Read, Allison	San Diego, Calif.
Read, Hope	San Diego, Calif.
Ritter, Victor	Spokane
Roehm, Marguerite	Seattle
Rosenquist, Werner	Veradale
Roth, John	Harrington
Schmirler, Donald	Plummer, Idaho
Skelton, John	Noxon, Mont.
Sloan, Eloise	Spokane
Stannard, Louis	Spokane
Stanford, Loretta	Spokane
Swanson, Kenneth	Spokane
Swenson, Helen	Spokane
Tobie, Martha Lee	Millwood
Vaughan, Harry	Spokane
Wilkinson, Roy	Spokane
Wilson, Margaret	Bonnors Ferry, Idaho

Freshmen

Aldrich, Harriet	Deer Park
Bailey, Dorsey	Millwood
Bartlett, Donald	Colbert
Boughton, Ethel	St. Maries, Idaho
Brown, Evamarie	Colfax
Carman, Joe	Millwood
Chapman, Jack	Spokane
Comstock, LeRoy	Spokane
Crosby, Cleora	Spokane
DeCroff, Edith	Spokane
DeFoe, Ruth	Chewelah

ROSTER OF STUDENTS

Douglas, Elmer	Spokane
Eaton, Sydney	Sedro Woolley
Ekins, Ethelmae	Reardan
Fay, Arlene	Mead
Ferrell, Betty	Spokane
Ferrera, Angelina	Spokane
Fisher, Catherine	Spokane
Fortmann, Eberhard	Frederic, Wis.
Frazier, Jack	Spokane
Geissler, Wardine	Odessa
Gibbs, Evelyn	Spokane
Gibson, Nancy	Millwood
Grasty, Joyce	Tonasket
Gregory, Lois	Grangeville, Idaho
Grow, Jean	Mabton
Harsh, Vera Lu	Omak
Hawley, Gladys	Spokane
Hawthorne, Juyné	Post Falls, Idaho
Hedal, Alfred	Coeur d'Alene, Idaho
Hess, Frances	Wallace, Idaho
Hickox, Keith	Millwood
Higby, Richard	Forest Grove, Oregon
Johnson, Florence	Spokane
Kelley, Elizabeth	Helmville, Montana
Kidwell, Hazel	Wenatchee
Kime, Edwin	Wenatchee
Krogh, Doris	Moscow, Idaho
Lafferty, Arlene	Coeur d'Alene, Idaho
Lewis, Edmund	Veradale
Lissy, Irwin	Spokane
Ludwig, Clarence	Millwood
McCallum, Jack	Spokane
McCannon, Lois	Spokane
McCraith, Agness	Spokane
McCraith, Elmer	Spokane
McVay, Kenneth	Mead
Mansfield, Laurence	Veradale
Miles, Perry	Spokane
Miller, Gilbert	Waukon
Miller, Loron	Coeur d'Alene, Idaho
Morgareidge, Wally	Spokane
Morton, Esther	Post Falls, Idaho
Neustel, Elmer	Spokane
Nozaki, Tami	Spokane
Olson, Pauline	Kellogg, Idaho
Oswald, Raymond	Spokane
Peterson, Walter L.	Veradale
Pierce, Harry	Spokane

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Ralston, Glenn	Spokane
Rasmussen, Ivan	Heron, Montana
Read, Charles	San Diego, Calif.
Robinson, Dougald	Sandpoint, Idaho
Rodkey, Lee	Coeur d'Alene, Idaho
Rogers, Geraldine	Spokane
Ryan, Harvey	Spokane
Sanders, Burton	Rathdrum, Idaho
Scarpelli, Anthony	Spokane
Schmirler, Lois	Plummer, Idaho
Scott, James	Spokane
Scott, Lucille	Spokane
Scudder, Clarence	Reardan
Seamon, Eleanor	Vancouver, B. C.
Seidel, Marjorie	Worley, Idaho
Shaw, Margery	Spokane
Sherwin, Evelyn	Spokane
Sicklesteel, Marion	Post Falls, Idaho
Sonner, Frances	Sunnyside
Stephenson, Lyle	Spokane
Thompson, Barbara	Nezperce, Idaho
Thorndike, Harriet	Neah Bay
Unti, Francis	Anaconda, Montana
Van Leuven, Stanley	Mead
Vincent, Marcia	Spokane
Warren, Mercedes	Spokane
Webb, Dorothy	Reubens, Idaho
Wegner, Mildred	Reardan
West, Elmer	Spokane
Wherry, Joseph	Yakima
Wilson, Ben	Spokane
Wollaston, Jack	Spokane
Young, Robert	Spokane

Postgraduates

Allison, Robert	Spokane
Baker, Mary	Spokane
Baldwin, Estella	Washougal
Carrel, Anna	Cleveland, Ohio
Cliver, Violet	Spokane
Close, Margaret	Seattle
Fancher, Ward	Spokane
Fleming, Dan	Spokane
Frazier, Charles	Spokane
Hatcher, Loren	Omak
Holtzclaw, Mrs. N. E.	Spokane
Koehler, Mark	Spokane

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Larsen, Virginia	Wenatchee
Ludwigson, Helen	Spokane
McDonald, Christine	Spokane
McFeron, T. C.	Spokane
Minard, Glen	Spokane
Murray, Keith	Spokane
Murray, Olive	Spokane
Pillers, Ann	Benton City
Reed, Dorothy	Spokane
Schiewe, Earleen	Portland, Oregon
Serier, Edith Ann	Portland, Oregon
Simmons, Audrey	Spokane
Stannard, Gerald	Spokane
Summers, Marie	Chewelah
Toevs, Walter	Spokane
Uhden, Margaret	Spokane
Ventris, Thomas	Millwood
White, Stanley	Spokane

Special Students

Baump, Lucille	Spokane
Buckley, Archie	Spokane
Smith, F. Dale	Spokane

Seniors	32
Juniors	26
Sophomores	59
Freshmen	92

209	
Postgraduates	30
Special	3

Total student enrollment for 1937-38 242

Special students—St. Luke's Hospital 24

246

WHITWORTH COLLEGE

GRADUATES 1937

Bachelor of Arts

Allison, Robert B.— <i>Economics</i>	Spokane
Close, Margaret Frances— <i>Sociology</i>	Seattle, Wash.
Cliver, Violet— <i>History</i>	Spokane
Copple, Clark Burton— <i>Sociology</i>	Omak, Wash.
Davie, Bertha May— <i>Christian Education</i>	Los Angeles, Calif.
Fleming, Daniel Braem— <i>Economics</i>	Spokane
Harding, Dorothy Ellen— <i>Sociology</i>	Nez Perce, Idaho
Hatcher, Loren E.— <i>Sociology</i>	Omak, Wash.
Hood, Robert A.— <i>Sociology</i>	North Fork, Calif.
Koehler, Mark Lowell— <i>Economics</i>	Spokane
Ludwigson, Helen A.— <i>Sociology</i>	Spokane
McCallum, Pauline Hope— <i>Sociology</i>	Spokane
Rasco, W. Wilson— <i>Sociology</i>	Sunnyside, Wash.
Robbins, Margaret Ernestine— <i>Music</i>	Spokane
Schiewe, Earleen Zella— <i>Sociology</i>	Portland, Oregon
Shanks, Ralph Claude— <i>Sociology</i>	Spokane
Summers, Marie— <i>English</i>	Chewelah, Wash.
Walborn, Albert Philip— <i>Sociology</i>	Spokane

Bachelor of Science

Hobson, Ruby Lillian— <i>Nursing Science</i>	Gifford, Idaho
Pillars, Ann Ada— <i>Biology</i>	Benton City, Wash.
Simmons, Audrey Lois— <i>Home Economics</i>	Spokane
Totten, David H.— <i>Mathematics</i>	Spokane

Doctor of Divinity

Rev. Robert T. McFarlane— <i>Westminster Presbyterian Church</i>	Seattle, Wash.
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OFFICERS OF ALUMNI ASSOCIATION

1938-1939

President—Charles Frazier, '38, Country Homes Estates, Spokane.

Vice President, East Side—Elsie Ratsch Fariss, '34, 822B S. Monroe, Spokane.

Vice President, West Side—Arthur Stevenson, '33, Sedro Woolley, Wash.

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

Secretary—Mary Baker, '36, W. 2727 Sinto, Spokane, Wash.

Treasurer—Loren Hatcher, '37, Country Homes Estates, Spokane.

WHITWORTH COLLEGE

WHITWORTH COLLEGE AUXILIARY OFFICERS

May, 1938

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.....	<i>President</i>
Mrs. J. M. Finney.....	<i>First Vice President</i>
Mrs. W. W. Sullivan.....	<i>Second Vice President</i>
Mrs. O. C. Miller.....	<i>Secretary</i>
Mrs. B. C. Neustel.....	<i>Treasurer</i>
Mrs. W. L. McEachran.....	<i>Financial Secretary</i>
Mrs. J. W. Countermine.....	<i>Extension Secretary</i>

BOARD OF MEMBERS AT LARGE

Mrs. Anna Jane Carrel	Mrs. L. E. Hatcher
Mrs. Ward Fancher	Mrs. J. B. Hazen
Mrs. F. C. Farr	Mrs. Jennie Richardson

PHI ALPHA or PHILACADEMIAN CLUB Scholastic Honor Society

1934	ACTIVE MEMBERS	1936	Paul Gustafson Dorothy Reed
	David Glenn	1937	Sara Clapp
	Eleanor Goeke	1938	Margaret Clapp Lorraine Rasco
	Marion Jenkins		
	Ruthann Jones		
	Charlotte Slater		
1935		1938	ASSOCIATE MEMBERS
	Douglas MacIntyre		Blair Cosman William Gold
	Keith Murray		

1938 FACULTY MEMBERS

Miss Jenkins	Dr. Bowersox
Miss Logerstrom	Dr. Hedrick
Mr. Murray	

WHITWORTH COLLEGE

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