

5-1933

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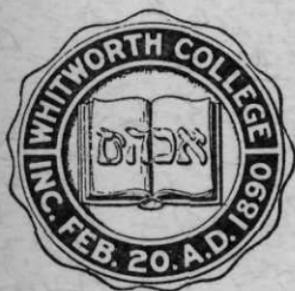
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CATALOGUE NUMBER  
*of*  
Whitworth College  
BULLETIN

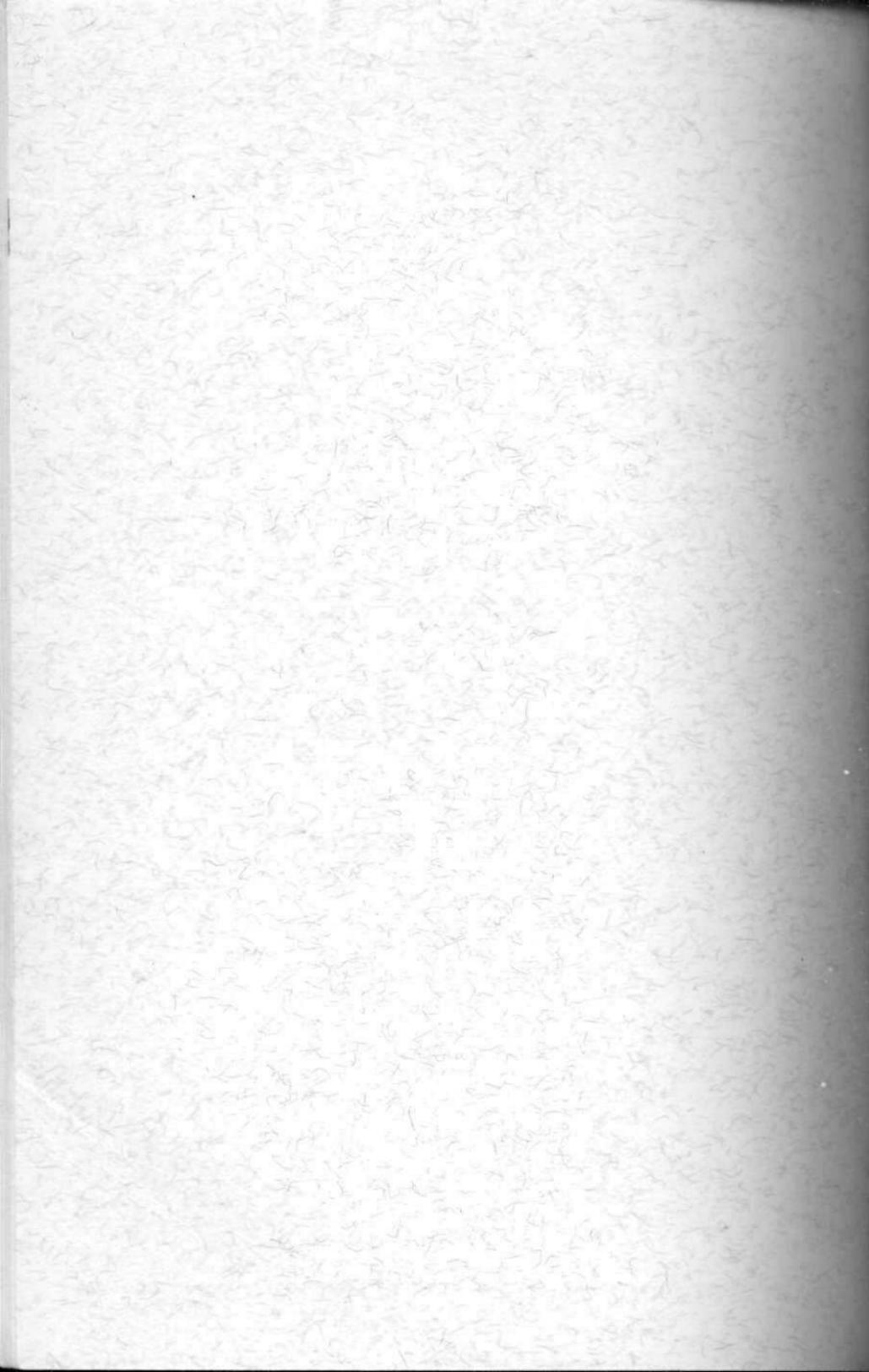
Spokane, Washington



A COLLEGE OF  
LIBERAL ARTS AND SCIENCES

*Announcements for 1933-34*

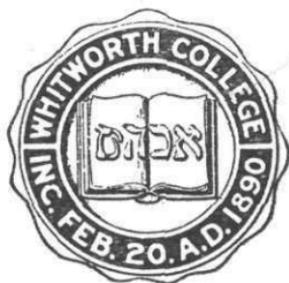
MAY, 1933



CATALOGUE NUMBER  
*of*  
Whitworth College

BULLETIN

Spokane, Washington



A COLLEGE OF  
LIBERAL ARTS AND SCIENCES

*Announcements for 1933-34*

**MAY, 1933**

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Vol. 3.                      *Extra Edition*                      May, 1933

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 Oct., Dec., Feb., and April, at Spokane, Washington. Subscription, 50c a year.

INLAND-AMERICAN PTG. CO.  
SPOKANE

# Suggestions for Building a Christian College

Christian colleges offer an excellent opportunity for the investment of funds in the preparation of young men and women for Christian service to the world. Incalculable good has come to the world through such gifts, and a legacy to Whitworth will do much toward making it a strong Christian college.

This college has been the beneficiary of a number of legacies in the past, as well as gifts, outright and on the annuity basis, from living donors.

**WILLS.** Those believing in this college and desiring to make a bequest should make it to Whitworth College, Spokane, Washington.

### *Advised Legal Form*

I give (devise) and bequeath to Whitworth College, Spokane, Washington, and its successors forever the sum of \_\_\_\_\_ dollars  
(or otherwise describe the gift) for its general corporate purposes (or name a particular corporate purpose).

Signed \_\_\_\_\_

Witnesses:

\_\_\_\_\_  
\_\_\_\_\_

**ANNUITY AGREEMENTS.** A number of friends of the college have made gifts to the college on the annuity basis. Whitworth College will pay from four to nine per cent, depending upon the age of the annuitant. Write to Whitworth College for information.

# 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 1933-34

### FIRST SEMESTER

#### *September*

- 11 and 12, Monday and Tuesday.....Registration  
13, Wednesday, 8:00 a. m. ....Class work begins  
13, Wednesday.....First convocation

#### *November*

- 10, Friday.....Mid-semester reports  
30, Dec. 1, Thursday and Friday...Thanksgiving  
holiday

#### *December*

- 22, Friday, 4:00 p. m. ....Christmas recess begins

#### *January*

- 3, Wednesday, 8:00 a. m. ....Class work resumes  
22-26, Monday-Friday...Examinations, registration  
and payment of fees for second semester

### SECOND SEMESTER

#### *January*

- 29, Monday.....Registration for new students  
29, Monday.....Class work begins

#### *March*

- 30, Friday.....Easter recess

#### *May*

- 4, Friday.....May festival  
11, Friday.....Investiture  
27, Sunday.....Baccalaureate  
25 to 31, Friday-Thursday.....Examinations

#### *June*

- 1, Friday, 10:30 a. m. ....Commencement

TRUSTEES

Board of Trustees

CLASS OF 1933

Rev. Mark A. Matthews, D. D.	Seattle
William B. Dudley	Yakima
E. A. Lindsley	Spokane
Henry M. Hart	Spokane
F. D. Cartwright	Anacortes
E. N. Brooks	Seattle
Arthur E. Symons	Seattle
Rev. Francis E. Reese	Spokane

CLASS OF 1934

William L. McEachran, <i>Chairman</i>	Spokane
R. E. Porterfield, <i>Secretary-Treasurer</i>	Spokane
Dr. E. T. Mathes	Bellingham
Frank R. Fursey, M. D.	Spokane
Rev. David W. Ferry, D. D.	Yakima
Edward T. French	Vancouver
L. G. Pattullo	Seattle
C. M. Hull	Yakima

CLASS OF 1935

Jay P. Graves	Spokane
Ralph Nelson	Coeur d'Alene
Albert K. Arend	Spokane
Rev. Frank E. Beatty, D. D.	Wenatchee
A. N. Corbin	Wenatchee
Rev. Robert Cameron	Aberdeen
John F. Reed	Seattle

## WHITWORTH COLLEGE

### Executive Committee

William L. McEachran, <i>Chairman</i> .....	Spokane
R. E. Porterfield, <i>Secretary-Treasurer</i> .....	Spokane
Jay P. Graves.....	Spokane
E. A. Lindsley.....	Spokane
Albert K. Arend.....	Spokane
Henry M. Hart.....	Spokane
Frank R. Fursey, M. D.....	Spokane
Ward W. Sullivan, Ph. D., <i>President of College</i> , Mem- ber Ex-officio of Board and all Committees.	

### Faculty

WARD WILLIAM SULLIVAN, Ph. D.

*President*

A. B., 1911, A. M., 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—

FRANCIS TILEY HARDWICK, Ph. D.

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

B. A., London, England, 1892; M. A., 1923, Ph. D., 1929, University of Washington; graduate work, Universities of Wisconsin, Chicago, California. Professor of English, College Place Bel Air, Yverdon, Switzerland, 1897-98; headmaster 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—

## FACULTY

MARIAN R. JENKINS

*Dean of Women*

Graduate San Jose Teachers' 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—

WILLIAM EDWARD ADAMS, A. M.

*Associate Professor, English*

A. B., 1898, A. M., 1900, Richmond College; B. O., 1896, M. O., 1897, Cleveland School of Oratory; special courses in dramatics and expression in Alfred University and Hiram College. Instructor in Whitworth College, 1916-18; head of department of public speaking, Spokane University, 1922-30; eight years on the Chautauqua platform in United States and Canada.  
Whitworth College 1930—

FORD LAROE BAILOR, B. S.

*Assistant to the President and Director of Promotional Activities*

B. S., Spokane University, 1926; special courses University of Illinois and Oregon State College, summers 1921-22. Director of boys' work Y. M. C. A. Great Falls, Montana, 1919-22; assistant general secretary and physical director Y. M. C. A., Helena, Montana, 1922-23; athletic coach and instructor in history, Intermountain Union College, 1923-25; director of physical education and instructor in history, Spokane University, 1925-29.  
Whitworth College 1929—

CATHERINE BAKER, A. B.

*Librarian*

A. B., University of California, 1931; professional certificate, University of California Library School, 1932.  
Whitworth College 1932—

MILTON J. BENJAMIN, B. S.

*Basketball Coach*

B. S., 1922, Colorado School of Mines. Instructor John Rogers High School, Spokane, Wash., 1925.  
Whitworth College 1931 —

WHITWORTH COLLEGE

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. Professor of history, College of Idaho, 1924-26; Ohio State University, 1927-29; Eureka College, 1929-32. Whitworth College 1932—

JAMES WILLARD COUNTERMINE, M. A.

*Bible and Religious Education*

A. B., 1893, A. M. 1896, Parsons College; M. Th., 1905, Princeton; 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—

MABEL A. DICKSON, M. S.

*Home Arts*

B. S., University of Alberta, 1930; M. S., Washington State College, 1932; graduate work at Stanford Medical School and Hospital, 1930; registered dietician. Whitworth College 1932—

EDWARD ELIAS, Ph. D.

*Modern Languages*

A. B., Harvard University, 1910; A. M., University of Chicago, 1917; Ph. D., 1930, University of Michigan; one year in France; three years in Germany. Instructor of German and French at the State Normal School of Kansas, and at Purdue University. Whitworth College 1932—

CHARLES WHERRY HAYS, A. M.

*Classical Languages*

A. B., 1888, A. M., 1891, D. D., 1913, Washington and Jefferson College. Whitworth College 1925—

## 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—

ORPHA HELM HEDRICK, B. A.

*Director of Physical Education for Women*

B. A., Iowa State College; Major Physical Education, Teachers' College, 1928; director of physical education for women, Eureka College 1928-1932.

Whitworth College 1932—

HERBERT LEIGH HUSSONG, A. M.

*Social Science*

B. Ped., Fremont Normal, 1906; A. B., Fremont College, 1908; A. M., 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—

MELVIN A. JENNER, B. S.

*Assistant in Physics and Mathematics*

B. S. in Electrical Engineering, University of Washington, 1927; graduate work at University of Washington, 1931, 1932. Summer at military camp at San Diego, California, 1926, and Lieutenant in Air Corps Reserve; Goodrich Rubber Company, Akron, Ohio, and Seattle, Washington, 1927-29; Multichrom Lighting Company, Seattle, Wash., 1929-31.

Whitworth College 1931—

HELEN L. MAGILL, M. A.

*English and Literature*

A. B., 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—

## WHITWORTH COLLEGE

EVA MAUNUS, B. A.

### *Secretarial Courses and Registrar*

B. A., Linfield College; Postgraduate work in the summer school at University of California, 1928. Instructor in high school at Oakesdale, Washington, 1927-29; at Spokane high school, 1929-30.

Whitworth College 1930—

*McMillan Hall*

BENJAMIN CONRAD NEUSTEL, M. S.

### *Chemistry*

B. A., Willamette University, 1914; M. A., 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—

GEORGE POINAR, M. Mus.

### *Director of Orchestra and Band; Violin*

B. Mus., 1932, M. Mus., 1932, University of Michigan. Solo and ensemble broadcasting, and private teacher, 1925-32.

Whitworth College, 1932—

C. C. QUACKENBUSH., LL. B.

### *Football Coach*

B. A., Carleton College, Northfield, Minnesota; LL. B. Gonzaga University, Spokane, Washington. Instructor John R. Rogers High School, Spokane, Washington.

Whitworth College 1932—

DAVID LIVINGSTONE SOLTAU, A. M.

### *Mathematics and Physics*

B. S., 1909, A. M., 1927, Northwestern University; graduate student, University of Washington. Resident and locating engineer, Washington State Highway Department; graduate assistant, physics department, University of Washington; private civil engineering practice, Port Angeles, Washington; engineer, Maintenance of Way Office, Northern Pacific Railway, Tacoma; United States Army First Lieutenant and Captain, Air Service, 1917-20; principal Pyengyang Foreign School, Pyengyang, Korea, treasurer and professor of physics, Union Christian College, Pyengyang, Korea, architect, American Presbyterian Mission, Korea, 1921-29; acting professor of physics, College of Puget Sound, 1929-30.

Whitworth College 1930—

## FACULTY

GRACE BLANCHE SOLTAU, A. B.

*Director of Music; Voice and Piano*

A. B., University of Washington, 1909; teachers diploma, Chicago Musical College, 1927; private study voice, pipe organ, and piano under Glenn Dillard Gunn, Chicago; American Institute of Applied Music, New York; Sidney Lloyd Wrightson, Washington, D. C.; Chicago Musical College. Instructor in piano, University of Washington, 1907-14; pipe organist University Congregational Church, Seattle, 1908-12; private teaching, voice and piano, Tacoma, Washington, and Petersburg, Virginia; instructor in piano, Union Christian College and Pyeongyang Foreign School, Pyeongyang, Korea, 1921-29; instructor in piano, College of Puget Sound, 1929-30.  
Whitworth College 1930—

ROBERT H. BRISCOE, B. S.

*Laboratory Assistant in Physics and Mathematics*

B. S. in Physics, 1932, Washington State College.  
Whitworth College 1932—

KENNETH C. KNOLL, B. S.

*Laboratory Assistant in Chemistry*

B. S., Whitworth College 1930.  
Whitworth College 1932—

MERRITT WINANS

*Student Assistant in Music*

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Note: Additions to the faculty will be made for the year 1933-34 as follows: Professor and Head of the Department of Economics, Associate Professor of English, and Office Secretary.

WHITWORTH COLLEGE

## Administration

WARD W. SULLIVAN .....	<i>President</i>
FRANCIS T. HARDWICK .....	<i>Dean of the College</i>
MARIAN R. JENKINS .....	<i>Dean of Women</i>
FERN W. HARDWICK .....	<i>Hostess, Ballard Hall</i>
EVA MAUNUS .....	<i>Secretary and Bursar</i>
PEARLE L. CONNER .....	<i>Secretary to the President</i>
FORD L. BAILOR .....	<i>Assistant to the President and Director of Promotional Activities</i>

## Faculty Standing Committees

*Administration*—The President and the Deans.

*Athletics*—Neustel, Hedrick, Hussong, and Mrs. Hedrick.

*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*—D. L. Soltau, Countermine, Mrs. Sullivan, and Jenner.

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

*College Catalogue*—Hays and Dean Hardwick.

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

*College Publications*—Magill and Adams.

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

## FACULTY COMMITTEES

*Credits, Grades and Honors*—The Dean, the Registrar, and the Secretary to the President.

*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 official custodian of all official and class records.

*General Committee*—The Dean and the Chairmen of Committees.

*Duties*—To coordinate the work of the various committees.

*Literary Activities*—Adams, Bowersox, and Magill.

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

*Musical Activities*—Mrs. Soltau, Adams, and Poinar.

*Duties*—To have charge of all the musical activities of the College.

*Press and General Publicity*—Bailor, Jenkins, and Magill.

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

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

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

*Religious Activities*—Countermine, Hardwick, and Jenkins.

*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.

## WHITWORTH COLLEGE

*Social Functions*—Mrs. Hardwick, Adams, Mrs. Hedrick, and Jenkins.

*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, Hussong, Neustel and Jenner.

*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.

## WHITWORTH COLLEGE

### 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, en route to Colville and points north. At present it runs on the following schedule:

Leaves Stage Terminal at Trent and Wall, daily at 8:00 a. m., and 5:30 p. m., and daily except Sunday, at 1:45 p. m.

Leaves Whitworth for the city, daily at 10:24 a. m. and 7:40 p. m., and daily except Sunday, at 2:54 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. New students will be met at the depot upon request.

### 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, the auditorium-gymnasium, the president's house, and two professors' cottages. The College has a library of ten 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.

### 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 se-

## EXPENSES

curing an adequate endowment. In the initial campaign the city of Spokane subscribed \$91,000. Likewise, 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.

### 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, 8-15 hours.....	\$75.00
Excess hours, above 15, per hour.....	5.00
Less than 8 hours, per hour.....	8.00
Late registration.....	1.00

There is a matriculation fee of \$5.00 payable by all entering students. This fee is paid but once.

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.

## WHITWORTH COLLEGE

### DORMITORY CHARGES, PER SEMESTER:

Board .....	\$94.50
Room .....	31.50
Both board and room, per semester .....	\$126.00
Single Meals: Breakfast .....	20c
Lunch .....	30c
Dinner .....	40c

### SUMMARY OF YEARLY EXPENSES FOR DORMITORY STUDENTS:

Tuition .....	\$150.00
Room and Board .....	252.00
Associated Student Fee .....	20.00
Minimum .....	\$422.00

### SUMMARY OF YEARLY EXPENSES FOR OTHER STUDENTS:

Tuition .....	\$150.00
Associated Student Fee .....	20.00
Minimum .....	\$170.00

The minimum expenses would be increased by the matriculation fee of \$5.00 for new students; by the graduation fee of \$10.00 for students who graduate; and by additional laboratory and music fees for students taking those subjects, and by the excess hour fee.

### PERSONAL EXPENSES EXTRA

Students using extra lights and electrical appliances will be subject to regulation and charges.

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 use of electric irons or hot plates is not permitted in dormitory rooms.

No student will be given a transcript of grades or a diploma until *all college bills are paid*.

## DORMITORY REGULATIONS

### DORMITORY REQUIREMENTS

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

Dormitory students are expected to provide:

1. Three table napkins.
2. A napkin ring.
3. Three sheets, approximately 1½ by 2½ yards.
4. Two pillow-slips, a pillow and a bedspread.
5. The necessary blankets, comforters, towels, bureau covers, curtains, rugs, and individual drinking cup.

### 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.

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

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

The college dining hall will be open for breakfast Monday, September 11, and closed after the luncheon hour on Friday, June 1.

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

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

### 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

## WHITWORTH COLLEGE

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 1931-32 the following were given:

1. The Alaskan scholarship of \$60.00 given to a young man who is a member of the Presbyterian Church.

2. The James Silliman scholarship of \$50.00 given to a worthy student.

3. Beginning with 1929-30 there will be an annual prize of ten dollars (\$10) offered for the best original piece of written work appearing through the year in either the Whitworthian or the Natsihi, the same to be decided by a committee of the faculty appointed by the president of the college. This will be known as "The Freddie and Sallie Prize" and will be furnished by Phillip Laurie and Lillian G. Brown, both of the class of 1928.

### LOAN FUNDS

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

Hedley A. Vicker Fund.....	\$643.44
Mrs. Gertrude Mather Fund.....	100.00
First Presbyterian Church, Wenatchee.....	91.53
First Presbyterian Church, Northport.....	50.05

## STUDENT ORGANIZATIONS

Rev. and Mrs. W. L. Livingston.....	30.00
Dr. and Mrs. C. W. Hays.....	25.00
Doctors' Club.....	50.00
Round Table.....	50.00

\$1,040.02

## STUDENT ORGANIZATIONS AND ACTIVITIES

1. The Students' Association is the general organization of the student body. Voting members are those who have paid all their fees for the term. 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. RELIGIOUS ACTIVITIES. The religious work of the students of the College is carried on by three organizations, that function under the supervision of the department of Religious Education:

(a) The Volunteer Fellowship. This organization with constitution and by-laws and an elected membership, is made up of students whose purpose is to prepare for general Christian service. The members do Sunday deputation work, holding meetings in the churches of the city and community, and helping out in the Sunday schools and young people's societies.

(b) 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.

(c) 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

## WHITWORTH COLLEGE

a week. Churches, especially vacant ones, often call upon these young men for assistance in Sunday services.

3. The Philomel Club is a choral organization composed of men and women interested in the study and production of choral music of the highest quality. College credit for work in this club may be obtained by registering for music courses 11-12, after securing the consent of the Director of Music.

4. The Whitworth College Orchestra is composed of men and women whose aim is to study the best orchestral literature and through ensemble playing, acquire a more intelligent knowledge of instrumental music. College credit for orchestra may be obtained on consent of the Director of Music, by registering for Music Courses 15-16.

5. The French Club is an organization of students who are interested in the use of the French language in conversation and who wish to combine this with social functions.

6. The "Deutscher Verein" is a selected group of German students interested in singing German songs, taking hikes, and furthering thereby their love for the beauties of nature.

7. 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, both musical and literary, in all fields of art. The members are pledged to the advancement of cultural objects in life.

8. The Dramatic Club was organized to promote interest in dramatics and foster individual training in this field of expression.

9. Tau Sigma is an organization of students who are majoring in science. Monthly luncheons and programs of scientific interest are held. The purpose is to

## RELIGIOUS LIFE

inspire an interest in science and foster activities such as scientific shows, field trips and similar projects.

10. The Men's W Club consists of the letter-men in athletics. Its chief interest is the promotion of the athletic interests of the institution.

11. 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.

12. Inter-scholastic debates and oratorical contests are encouraged and participated in by Whitworth students.

13. The Pirette Club is an organization of girls who are interested in creating and promoting pep and enthusiasm for all college activities, and in being of service to Whitworth in every way possible.

Owing to the limited number of students and the advisability of offering equal social opportunities to all, Whitworth has decided to exclude 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 a brief Chapel is held which every student attends. Many prominent speakers were secured to give addresses at the college during the year.

All students are expected to attend two religious services each Sunday, one of which should be a regular preaching service. Whitworth community supports a Sunday School and morning service, which students are cordially invited to attend. The students conduct a Wednesday evening prayer meeting. A Christian En-

## WHITWORTH COLLEGE

deavor meeting is held in MacMillan Hall Sunday evenings. All dormitory and nearby resident students are expected to attend unless attending church elsewhere.

### SOCIAL LIFE

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

### TO NEW STUDENTS

Students coming to Whitworth College for the first time should plan to come Monday, September 11, the opening day of the semester, in order to conclude all necessary arrangements before class instruction begins. Reservation of rooms should be made in advance through the College office. Upper classmen will be given preference in the matter of room assignments. All students must be prepared to pay all bills of the first semester in advance. Young women expecting to live in the dormitory should report direct to the Dean of Women upon arrival, and the young men to the Dean of the College. Others report first to the office.

All freshmen should be on the campus by Monday, September 11.

Beginning Wednesday afternoon, lectures, individual conferences, and placement tests will be arranged for the purpose of helping each freshman to take up college work under the most favorable conditions. There will be a fee of 50c to cover the cost of material. The attention of parents is urgently called to the importance of this requirement.

## ADMINISTRATION

### ADMINISTRATION

College regulations are for the purpose of co-ordinating 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 co-operation 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.

Each student organization selects, and reports its selection to the Dean of the College, a member of the faculty as an honorary member to advise with the organization and faculty in promoting mutual understanding and the best interests of the institution.

Mixed dancing, the use of playing cards, gambling, and 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.

Dormitory regulations cover such matters as study hours, order in the halls and rooms, absence from the campus, chaperonage, parties on the campus, and student conduct in general.

Day students are not permitted to visit or to study in the dormitories without consent of the dean in charge.

The College reserves the right to exclude students whose conduct is considered out of harmony with the standards of the institution.

### GRADES AND POINTS

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

## WHITWORTH COLLEGE

Points: A counts 3; B, 2; C, 1; D, 0; W, 0; I, 0; and F,—1. The —7 of the grade F is used only in preparing the honor list. Perfect chapel attendance counts 1.

An "Incomplete," if made up within the following semester of residence, will receive the number of grade points corresponding to the final grade given. If not made up within that semester, 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.

### ATTENDANCE

Each student is granted an "excused absence" by the Dean of the College according to the number of hours in the course, i. e., 2 for a 2-hour course, 3 for a 3-hour course, etc., for the semester. 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 Dean, except in cases of sickness and those of special duty for the college. This regulation applies to chapel attendance.

Students wishing to procure an excuse for absenting themselves from class or from chapel will present in writing, within twenty-four hours after their return to college, their reasons for absence, as follows: women 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.

The action of the deans will be final in each case.

### 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 auto-

## HONORS

matically dropped from the college at the end of the semester. At the end of the sophomore year a student whose grade points do not equal his semester hours may be dropped from college.

## HONORS

Four classes of honors are recognized at Whitworth College.

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

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

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

4. Graduation honors: A student will be graduated *cum laude* if he has won an average of two grade points; *magna cum laude* if he has won an average of two and one-half 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

## WHITWORTH COLLEGE

schools may gain admission for full freshman standing by passing the College Entrance Board examinations.

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

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

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

- |    |   |           |
|----|---|-----------|
| 1. | Three years of English.....   | 6 credits |
| 2. | Two years of Mathematics:   |           |
|    | Algebra .....   | 2 credits |
|    | Plane Geometry .....  | 2 credits |
| 3. | *Two years of Foreign Languages.....  | 4 credits |
| 4. | One year in American History and<br>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.

## GRADUATION REQUIREMENTS

### REQUIREMENTS FOR GRADUATION

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

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

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

A 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 required in the Freshman year	6 hours
Laboratory Science (Chemistry, Biology, or Physics)	10 hours
History or Social Science	5 hours
Foreign Language (See above)	
Religious Education	8 hours
Psychology	3 hours
Philosophy	2 hours
Physical Education	4 hours
Upper division courses, at least	40 hours

## WHITWORTH COLLEGE

### 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 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.

### 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.

## Vocational and Pre-Professional Courses

Primarily Whitworth College is a Liberal Arts institution giving a broad, cultural background for a virile Christian citizenship. 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 Arts, and Director of 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 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 Directors
- Home Arts
- Directors of Religious Education

## WHITWORTH COLLEGE

### *Pre-Professional Courses:*

Theology  
 Law  
 Medicine  
 Pharmacy  
 Dentistry  
 Nursing  
 Engineering

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. One year non-credit courses in Typing and Shorthand are offered to all students desiring them.

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. Courses in accounting and secretarial science are offered to meet the needs of those who desire to prepare especially in the field of secretarial science and office management, and of those who wish to become teachers of commercial subjects in high school.

#### FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Principal 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 .....	4	4
Electives .....	2	2
	—	—
Total Hours .....	16	16

## BUSINESS ADMINISTRATION COURSES

### JUNIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Economic History of U. S. ....	3	--
Money and Banking .....	--	2
Labor Problems .....	--	3
Accounting .....	3	--
Electives .....	10	11
	<hr style="width: 50%; margin: 0 auto;"/>	<hr style="width: 50%; margin: 0 auto;"/>
Total Hours .....	16	16

### SOPHOMORE YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Business Law .....	3	--
Introduction to Sociology .....	5	--
Argumentation .....	2	2
Psychology .....	3	--
Accounting .....	3	3
Economic Geography .....	--	3
Society of Institutions .....	--	3
Applied Psychology .....	--	3
Electives .....	--	2
	<hr style="width: 50%; margin: 0 auto;"/>	<hr style="width: 50%; margin: 0 auto;"/>
Total Hours .....	16	16

### SENIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Advanced Economics .....	3	--
Business Finance .....	3	--
Transportation .....	--	3
Public Finance .....	--	2
Electives .....	10	11
	<hr style="width: 50%; margin: 0 auto;"/>	<hr style="width: 50%; margin: 0 auto;"/>
Total Hours .....	16	16

Majors in business administration may elect short-hand and typewriting, but not more than four hours of typewriting may be counted toward graduation.

## WHITWORTH COLLEGE

### PRE-DENTAL COURSE

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

#### FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
English .....	3	English .....	3
General Chemistry .....	5	General Chemistry .....	5
Christian Education .....	2	Music or Public Speaking .....	2
Economics .....	5	Sociology .....	5
Physical Education .....	5	Physical Education .....	5
	15		15

#### SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Physics .....	5	Physics .....	5
Organic Chemistry .....	5	Organic Chemistry .....	5
Psychology .....	3	Christian Education .....	2
Physical Education .....	5	Physical Education .....	5
Electives .....	2	Electives .....	3
	15		15

### PRE-ENGINEERING COURSE

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

## PRE-LAW COURSES

### Suggested Program for Pre-Engineers

FIRST YEAR	I	II
Math. 11-12—General Mathematics .....	5	5
Chem. 1-2—General Chemistry .....	5	5
Physics 3-4—Engrg. Drawing .....	2	2
English 1-2—Freshman English .....	2	2
R. E. 1—Christian Education .....	2	0
P. S. 1—Speaking Voice .....	0	2
Phy. Ed. ....	—	—
	17	17
SECOND YEAR	I	II
Math. 51-52—Calculus .....	4	4
Phys. 11-12—General Physics .....	5	5
Phys. 16—Surveying .....	0	3
Phys. 15—Descr. Geometry .....	3	0
R. E. 3—Christian Education .....	2	0
Phy. Ed., Elective .....	3	5
	17	17

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

# WHITWORTH COLLEGE

## FRESHMAN YEAR

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

## SOPHOMORE YEAR

<i>Subjects</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>Subjects</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 Business .....	—	3
Advanced English Composition .....	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 from Whitworth College, he should take during his

## PRE-MEDICAL COURSES

first year in a standard law school the following courses:

<i>Subjects</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>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
General Chemistry .....	5	General Chemistry .....	5
English .....	3	English .....	3
German or French .....	3 or 4	German or French .....	3 or 4
Christian Education .....	2	Speaking Voice .....	2
Electives .....	2	Electives .....	2
	16		16

### SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Qualitative Analysis .....	5	Quantitative Analysis .....	5
German or French .....	3 or 4	German or French .....	3 or 4
Biology .....	5	Biology .....	5
Christian Education .....	2	Pub. Speak or Music .....	2
	15 or 16		15 or 16

### JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Organic Chemistry .....	4	Organic Chemistry .....	4
Physics .....	5	Physics .....	5
Comparative Anatomy .....	4	Embryology .....	4
Economics .....	3	Electives .....	—
	—		—

## WHITWORTH COLLEGE

### SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Economics .....	5	Organic Preparations.....	2
Christian Education .....	2	Bacteriology .....	4
Parasitology .....	4	American Government .....	5
Heredity .....	2	Christian Education .....	2
Electives .....	4		
	15		

### NURSES' TRAINING COURSE

Graduate nurses who have had three years' training in a recognized hospital, may complete their B. S. degree by taking two full years of work at Whitworth College. It is recommended that the following curriculum be followed:

#### FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
General Chemistry .....	5	General Chemistry .....	5
English Composition .....	3	English Composition .....	3
Economics, History, or Sociology .....	5	Economics, History, or Sociology .....	5
Religious Education .....	2	Religious Education .....	2
	15		15

#### SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subjects</i>	<i>Hours</i>	<i>Subjects</i>	<i>Hours</i>
Zoology .....	5	Zoology .....	5
Public Speaking .....	3	Public Speaking .....	3
English Literature .....	3	English Literature .....	3
Psychology .....	3	Adolescence .....	3
Approved Electives .....	3	Approved Electives .....	3
	17		17

### 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

## CHRISTIAN EDUCATION COURSES

or above are open in most all cases only to Juniors and Seniors and constitute upper-division work. Odd numbers, as a rule, refer to first semester courses, and even numbers to second semester work. The term "hour" means a semester hour of credit. Laboratory courses involve from two to three hours of laboratory work for one semester hour of credit. Courses starred are not given in 1933-34 except when circumstances may require; and others may be withdrawn if enrollment is too small.

### BIBLE AND CHRISTIAN EDUCATION

Minor: Sixteen hours, including, Philosophy 52. Public Speaking 9 may be counted on a minor.

#### 1. OLD TESTAMENT HISTORY

*Two hours one semester*

This course, which is required of 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.

#### 2. INTERPRETATION OF O. T. HISTORY

*Two hours one semester*

Supplements No. 1, using the Epistle to the Hebrews as the key to the interpretation of the most important portions of Old Testament history. It aims to bring before the student the practical application of his knowledge of Old Testament history.

#### 21. LIFE AND TEACHINGS OF CHRIST

*Two hours one semester*

A close study of one of the Gospels, preferably Luke, with assigned collateral reading. Required of sophomores.

#### 22. THE GOSPEL AND ITS INTERPRETATION

*Two hours one semester*

This course is a continuation of No. 21, dealing principally with the mission and work of Jesus, using the Gospel of John as the basis and general outline of the course. Collateral reading.

## WHITWORTH COLLEGE

### 51. HISTORY OF THE EARLY CHURCH

*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. Required of upper classmen, preferably juniors.

### 52. THE GOSPEL ACCORDING TO PAUL

*Two hours one semester*

The writers of the four gospels have given us the history of Jesus. To Paul was left the interpretation of the Gospel. This course offers a comprehensive study of Paul's conception of the complete Gospel of Jesus Christ including His death and resurrection. The Epistle to the Romans will be the basis of study.

### 55. THE SOURCE AND SIGNIFICANCE 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. Lectures with collateral reading.

### 56. BIBLICAL GEOGRAPHY AND ARCHEOLOGY

*Two hours one semester*

This course is prepared for advanced Bible students only. It implies a knowledge of all the above courses. It includes a sketch of the Jews, a history of the Holy Land, and the voice of the spade from ancient and modern excavations. Lectures and collateral reading.

## BIOLOGY

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, 51, 52, 61, 63, 71, and 72. A major will require, in addition to the biology courses, Chemistry 1 and 2, and two years of college German. Desirable electives for a biology major are Organic Chemistry, Physics, and French. Laboratory fee of one dollar and fifty cents per semester hour.

## BIOLOGY COURSES

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 the frog and certain invertebrates.

12. GENERAL BOTANY *Five hours one semester*

Three hours 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.

25. GENERAL PHYSIOLOGY *Four hours one semester*

Three hours lecture and one three-hour laboratory period. Prerequisites: Biology 11, and preferably Chemistry 1 and 2. The lecture consists of the study of the morphology and functions of various parts of the human body. Laboratory experiments are performed to demonstrate the functions of certain organs in lower animals. Required of Home Economics majors.

26. GENERAL BACTERIOLOGY

*Four hours one semester*

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

\*28. ORNITHOLOGY *Three hours one semester*

Two hours lecture and three hours 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.

\*51. VERTEBRATE COMPARATIVE ANATOMY

*Four hours one semester*

Two hours 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.

## WHITWORTH COLLEGE

### 52. VERTEBRATE EMBRYOLOGY

*Four hours one semester*

Two hours 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.

### 61. MICRO-TECHNIQUE *Three hours one semester*

One lecture and two three-hour laboratory periods. Prerequisites: Biology 11 and 51. A course, chiefly laboratory in character, for those advanced students who wish training in the methods of fixing, sectioning and staining tissues.

### 63. HEREDITY AND EUGENICS

*Two hours one semester*

Two hours 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.

### \*71. ANIMAL PARASITES AND INVERTEBRATE

ZOOLOGY

*Four hours one semester*

Two hours lecture and two three-hour laboratory periods. Prerequisite: Ten hours of Biology and preferably Biology 51. A study of the life histories and economic importance of animal parasites together with a survey of the anatomy and classification of other invertebrates.

### \*72. ADVANCED ZOOLOGICAL SURVEY

*Two to four hours, as arranged*

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

## CHEMISTRY COURSES

### CHEMISTRY

**Mr. Neustel**  
**Mr. Knoll**

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, 10 hours in mathematics, and 10 hours in physics. Breakage deposit five dollars 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. 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.

#### 51-52. ADVANCED QUANTITATIVE ANALYSIS

*Three hours each semester*

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

WHITWORTH COLLEGE

CLASSICAL LANGUAGES

Dr. Hays

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.

The social and religious ideas of these peoples, as shown by their writings, will be discussed and compared with our own times. The fact that both languages have contributed very largely to the English vocabulary will be given much attention, and the enrichment of the student's own vocabulary will be emphasized. The use of words to express concepts will be studied and the changing of the meaning of terms, when carried over into other realms of thought or as shown simply in the course of time, will be considered. Especially will this be noted in the case of New Testament Greek.

Students who have not had any Latin before entering college are advised to take at least two years of this work as a help in their study of English. Those who feel that they may possibly teach Latin are urged to take at least one year of Greek; for experience shows that a working knowledge of Greek is a great help in teaching Latin.

Greek

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 one 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.

## CLASSICAL COURSES

### 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.

### 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*

### 51-60. LATIN LITERATURE *Three hours each semester*

These courses will include such authors as Cicero, Horace, Tacitus, Livy, Terence, Plautus, Catullus, and Sallust; their writings will be read as the needs of the students may require.

## WHITWORTH COLLEGE

### 61. ROMAN LAW *Two or three hours one semester*

A course in Roman Law will be given when desired to those students who have had two or more years of Latin.

### 62. LATIN COMPOSITION AND TEACHING OF LATIN

*Two hours one semester*

This course is intended for those students who major in the classical languages, and it is given especially for those who are planning to teach Latin.

## ECONOMICS

A major in economics consists of at least 24 hours.

### 1-2. PRINCIPLES OF ECONOMICS

*Three hours each semester*

This course lays a basic foundation for future study in economics. The following economic factors are stressed: Capital, the efficiency of the factors of production, money and credit exchange, value and price, Say's Law, schedules of supply and demand, rent, interest, wages, profit. A critique of our present economic system discusses the application of economic principles to the business problems of today.

### 9-10. INTRODUCTION TO BUSINESS

*Two hours each semester*

This course gives a comprehensive view of the business life of today. The approach is helpful not only to students in business administration, but also to schools of agriculture, education, engineering, pharmacy, and wherever a general business as well as technical aspect is desired. It offers worthwhile material to accompany economic principles. The basic study is that of the main business or industries of our country and includes: Lumber, agriculture, minerals, fishing, marketing, textiles, forms of business organization, financing, transportation, public utilities, business men's associations. Representative business men of Spokane will address the class on the practical side of business life.

### 15. BUSINESS LAW *Three hours first semester*

The aim of this course is to present the fundamental legal doctrines and principles which are needed in transacting everyday business affairs. Numerous practice problems serve to clarify and exemplify the basic principles laid down. The course in the main is general, but much specific work is also given. Emphasis is placed on the common law of England, the law merchant,

## ECONOMIC COURSES

contracts, statute of fraud, sales, partnerships, de facto corporations, directors and stockholders, negotiable paper, agency, contracts, and bailments are considered.

### 16. ECONOMIC GEOGRAPHY

*Three hours second semester*

A course in geography of college or university grade. The general cultural value of the subject as an aid in reading intelligently an ordinary newspaper or magazine article is shown. The following points are stressed in their bearing on economic life: atmospheric conditions, climate, variability, jungles and savannas, trade winds, deserts, steppes, and tundra, forests, soils, mountains, agricultural plains, rivers, minerals, sea economy and sea power, water and water power, place geography.

### 51. ECONOMIC HISTORY OF THE UNITED STATES

*Three hours first semester*

A graphic treatment of the Western Movement in concrete terms. The purpose of the course is to arrive at an understanding of How and Why the United States has come to its present high state of industrial efficiency. To this end are analyzed our physiographic areas, our natural resources, the growth of our industries, commerce, and transportation. The precedence or coincidence of social and economic forces to political events is noted. The course treats these periods and events: 1. Discovery and Colonization. 2. Western Movement. 3. Industrialization.

### 52. LABOR PROBLEMS *Three hours second semester*

These subjects are treated in their modern aspects and relationships. The major divisions of the course are: Labor problems, problems of income, human conservation, collective bargaining, the employer, programs for reconstruction. Minor subdivisions are: Immigration; theories of wages; industrial fatigue; conflicts; scientific and personnel administration; co-partnership of labor and capital.

### 55. BUSINESS FINANCE *Three hours first semester*

This course is broader than the usual course designated as "money and banking." It lays a foundation adequate for the study of any specialized courses in finance. It covers well the field for those who can take no further courses in this line. The subject is approached through the study of: The pecuniary system and economic and social standards; the regulation of metallic standards; government paper currency; credit instruments; foreign exchanges; marketing securities; commercial and investment banking; the financing of a selected list of businesses.

## WHITWORTH COLLEGE

### 56. MONEY AND BANKING

*Three hours second semester*

The principles of money, credit, and banking, with especial emphasis upon the relations of the monetary and banking systems to the present-day organization, financing, and administration in industry.

### \*61. PUBLIC FINANCE *Three hours first semester*

An examination of the theories and the facts of public expenditures, revenues, and credit, with reference to the expansion in public activities and in increasing proportion of national income expended by governments. The economic, social, and political effects of different tax systems, types of taxes, and the modern public debts are stressed.

### \*62. TRANSPORTATION *Three hours second semester*

A study of the methods of transportation, finance, administration and foreign systems.

### \*65. ADVANCED ECONOMICS

*Three hours first semester*

## EDUCATION

**Dr. Hardwick**

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.

### 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, sensations and feelings, emotions, the dominant human urges, motivation, adjustment, the laws of learning, perception and attention, thinking, general intelligence, special aptitudes, personality, individuality, and efficiency.

### 22. 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.

## EDUCATION COURSES

### \*23. APPLIED PSYCHOLOGY

*Three hours second 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 ancient, medieval and the beginning of modern secondary education. The systems of Greece, Rome, and that of the Middle Ages, formed under the influence of the Renaissance, are considered with respect to their spirit and content.

### 52. SECONDARY EDUCATION

*Three hours one semester*

The Latin Grammar School, the academy, the origin of the high school, its development since 1890; the downward and upward extension of the high school, a comparison of secondary education in the United States with secondary education in France, Germany and England, the scope and functions of secondary education, the high school curriculum and 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. THE NEW TYPE EXAMINATION

*Two hours one semester*

An introduction to educational measurement, a comparison of the new type with the traditional examination, advantages and disadvantages of the objective examinations, construction of objective examinations, statistical treatment, and interpretation.

### \*61. TESTS AND MEASUREMENTS

*Two hours one semester*

This study includes individual and group intelligence tests and their application to the progress and efficiency of the schools.

### 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,

## WHITWORTH COLLEGE

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.

### \*64. THE MEASUREMENT OF INTELLIGENCE

*Three hours one semester*

A study of individual testing, the early tests of intelligence, the historical background of the Binet-Simon tests, the development of the Binet tests, the problems regarding the use of the tests, and practical experience in giving the tests.

### \*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.

## PHILOSOPHY

### 51. LOGIC

*Two 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

*Two hours one semester*

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

### 53. INTRODUCTION AND HISTORY OF PHILOSOPHY

*Two hours one semester*

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

### 54. PHILOSOPHY OF THE RECENT PAST

*Two 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 COURSES

### ENGLISH Miss Magill Mr. Adams

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 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 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 litera-

## WHITWORTH COLLEGE

ture 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.

### \*61. THE SHORT-STORY *Two hours first semester*

A study of the technique, types, and history of the short-story; of 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.

## DRAMATIC AND SPEECH COURSES

### 67. EIGHTEENTH-CENTURY LITERATURE

*Two hours first 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.

## SPEECH

Major: Thirty-two hours and a major in English and a minor arranged after consultation. Shakespeare is required in the English department, and may count upon the speech major in place of the English major. Should this make more than the required hours in Speech, the extra hours may be applied to the required English major. Before graduation, a student majoring in Speech must give, without manuscript, an entire evening's entertainment.

### 1. THE SPEAKING VOICE *Two hours one semester*

This course endeavors to train the voice as an instrument for speech as it is trained for song. It includes the opening of the throat, proper breathing, phonetics, placement of resonance and muscle control of every tone. The work includes Vocal Aesthetics, using three methods of muscle voice control and several methods for the various placements required in various emotions.

### 2. INTERPRETATIVE READING

*Two hours one semester*

This class is a continuation of the previous number, using yet more difficult selections for interpretation and requiring judgment development in analysis of all styles of literature with expression of all the emotions of the human soul.

## WHITWORTH COLLEGE

3. SPEECH BEHAVIOR *Two hours one semester*  
A study of the principles of personality as expressed in attitude, movement, gesture, pose, facial expression, etc., with specific drills to establish proper habit and thorough physical control.
4. ADVANCED INTERPRETATIVE READING *Two hours one semester*  
This course includes studies in declamation and dramatic interpretation, in which committed memory work is rendered as for Recital in Lyceum. Chautauqua, or other professional entertainment purposes.
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.
7. STORY TELLING *Two hours one semester*  
Direct instruction and practice in the telling of stories, and relating of anecdotes, planned to interest all kinds of audiences. It is of rare aid in illustration, in private discourses, in after-dinner speaking, and in the development of power to interest and please children.
8. SCIENCE AND ART OF CONVERSATION *Two hours one semester*  
Many hold that conversation is a lost art. There are certainly few good conversationalists. This study gets at the roots of conversational faults, systematically develops good qualities in conversation, and cultivates tactful leadership upon helpful topics.
9. INTERPRETATIVE BIBLE READING *Two hours one semester*  
Many have failed to realize that some of the greatest literature of the world is contained in the Bible; and many who read from it fail adequately to portray the marvelous pictures and messages there given. This class aims to make Scripture reading something more than a formal part of church service, and to develop an appreciation of Bible literature.

## DRAMATIC AND SPEECH COURSES

### 52. PREPARED AND EXTEMPORE 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. In these drills are stressed the ends of speech and the means toward their accomplishment; recognition of the motives to which we may best appeal, and the elements of all things in which we are interested.

### 53. LITERARY INTERPRETATION FOR PROFESSIONAL PURPOSES

*Two hours one semester*

This course is the same as Speech 4, except that the studies are more difficult, and a definite repertoire, involving all styles, is in immediate preparation.

### 55-56. PRIVATE LESSONS *One hour each semester*

Private lessons are a necessity in correcting imperfections that are sure to remain after the best of class work. One half-hour period, thirty dollars extra per semester.

### 57-58. SCENERY, MAKE-UP AND COACHING

*Two hours each semester*

This training is greatly needed by those who must do such work as teachers or community leaders. It includes observation of play coaching by masters in that field, and actual practice in coaching, supervised by the instructor. Special attention is given to character make-up and scenery designing, as well as stage technique.

### 59. ACTING, IMPERSONATION, AND INTERPRETATION OF THE MOST DIFFICULT NATURE

This course is intended only for students who have virtually finished all the other work given in the course. It gives the finishing touch in preparation for the professional field.

### 60. PRINCIPLES OF EXPRESSION TEACHING

*Two hours one semester*

This course is arranged for those who expect to teach in high school or private studio. Required of all majors.

WHITWORTH COLLEGE

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 *Two hours each semester*

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

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 Hellenistic Age. The expansion of Rome, its government, and its economic and social development will be studied during the second semester. Given in alternate years.

## HISTORY COURSES

### 55. FRENCH REVOLUTION AND NAPOLEON

*Three hours first semester*

After a brief survey of the ancient regime, the period 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.

### 56. EUROPE SINCE 1878 *Three hours second semester*

The political, social, and economic history of Europe since 1878. Attention will also be paid to the expansion of Europe and international rivalries, and to the post-war problems. 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.

## Political Science

### 11-12. AMERICAN GOVERNMENT

*Three hours each semester*

The first semester 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. For the second semester a detailed study will be made of the common features of state constitutions and governmental functions, and the local governments as functional units of the state government; emphasis will be placed upon the government of Washington.

### 55-56. EUROPEAN GOVERNMENTS

*Two hours each 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. Given in alternate years.

## WHITWORTH COLLEGE

### \*61. AMERICAN POLITICAL PARTIES

*Two hours first semester*

A study of the conditions 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.

## HOME ECONOMICS

**Miss Dickson**

The Home Economics course lends itself admirably to the education of women since training in this field gives a broad outlook and enables young women to appreciate the finer things of life. Training in Home Economics will fit young women for gainful occupation and at the same time prepare them for the profession of home-making.

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

#### 1. FOODS

*Three hours one semester*

An introduction to the study of foods and cookery; laboratory practice in food preparation. The production, distribution, nutritive value, principles of cookery and place in the diet. Three two-hour periods weekly. Laboratory fee of two dollars each semester.

#### 2. FOODS

*Three hours one semester*

A continuation of FOODS 1. Food for the family group; planning and preparation of meals; correct table service. Laboratory work in compiling menus and preparing calculated food combinations. Three two-hour periods weekly. Laboratory fee of two dollars each semester.

## HOME ECONOMIC COURSES

### \*7. TEXTILES AND CLOTHING

*Three hours one semester*

(Special instruction to students who have not had high school sewing)

A study of the bases of selection and construction of clothing; the principles of art and design, and hygiene, as applied to clothing; relation of raw material, cost of fabrics, construction and finish to quality. Fibers: Classification, physical and chemical structure. The laboratory work includes planning and making of garments on the sewing machine, using standard commercial patterns. Three two-hour periods weekly.

### 8. TEXTILES AND CLOTHING

*Three hours one semester*

A continuation of Textiles and Clothing 7. Fabrics; manufacture; alterations; uses in the household; laundering. Advanced study of cutting, fitting and methods of technique used in dress-making. Laboratory work includes a study of the physical, microscopical, and chemical aspects of fabrics. Three two-hour periods weekly. Laboratory fee of one dollar each semester.

### 24. HOUSEHOLD MANAGEMENT

*Two hours one semester*

The art of right living as applied to the home. Organization of the household; studies of housing standards, budgeting, household accounts; equipment and its care, labor-saving devices. Review of literature on household research. Two one-hour lecture periods weekly.

### 25. HOME FURNISHING *Three hours one semester*

The structural art principles applied to the treatment of interiors. To develop appreciation of beauty and suitability in home furnishings and knowledge of the materials and processes involved. Practical problems in decorating and furnishing the average home. Two lectures and one three-hour laboratory period weekly.

### 33. HEALTH PROBLEMS *Two hours one semester*

The various factors, including food selection, which contribute to positive health; food sanitation; mental hygiene, malnutrition and nutritional diseases. Two one-hour lecture periods weekly.

## WHITWORTH COLLEGE

### 58. EXPERIMENTAL COOKERY

*Two hours one semester*

Prerequisite: FOODS 1 and 2. An experimental study of foods with an introduction to research methods; individual and class problems. Two two-hour laboratory periods weekly. Laboratory fee of two dollars each semester.

### 59. CHILD NUTRITION AND CARE

*Two hours one semester*

Problems of maternity and infancy; a study of the child, his needs, care, and development. Laboratory work includes the preparation of diets for normal infancy and childhood; and the causes of malnutrition, with application of the dietetic principles to the problem of diet in disease.

### \*60. NUTRITION

*Three hours one semester*

Fundamental principles of human nutrition. Supplementary reading will be required and used as a basis for class discussion. Laboratory work; an advanced study of foods; application of the principles of cookery. Three two-hour periods weekly. Laboratory fee of two dollars each semester.

### \*61. DIETETICS

*Three hours one semester*

The relation of food to health; influence of age, sex, occupation on diet, and the construction of dietaries. The principles of nutrition applied to the feeding of individuals and the family group under normal conditions. Laboratory work includes the preparation of weighed diets. Three two-hour laboratory periods weekly. Laboratory fee of two dollars each semester.

### \*62. DIETOTHERAPY

*Three hours one semester*

An application of the principles of cookery to dishes for the sick and convalescent. A survey of the literature on the subject, with book reports and special assignments. Special diets to meet special conditions will be prepared in the laboratory. Three two-hour periods weekly. A laboratory fee of two dollars each semester.

### 70. METHODS OF TEACHING HOME ECONOMICS

*Three hours one semester*

(Open to senior students only).

The problem of teaching Home Economics; equipment, arrangement of courses; methods of presentation of subject matter; demonstrations. Two one-hour lectures and one three-hour laboratory period weekly. Laboratory fee of two dollars each semester.

## MATHEMATICS AND PHYSICS COURSES

### MATHEMATICS AND PHYSICS

**Mr. Soltau**  
**Mr. Jenner**  
**Mr. Briscoe**

A major in mathematics consists of at least 26 hours, including courses 11-12, 51-52, and 64-65; minor, at least 16 hours.

#### 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.

#### 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 in modern geometry. 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 second semester*

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

## WHITWORTH COLLEGE

### 64-65. 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. Required of mathematics majors.

## Physics and Pre-Engineering

### 3-4. ENGINEERING DRAWING

*Two hours each semester*

Fundamentals of engineering drawing. Lettering, orthographic projection, isometric and cabinet sketching; development of surfaces; working drawings: standard and conventional symbols. Required of all pre-engineering students.

### 11-12. GENERAL PHYSICS

*Five hours each semester*

A general introduction to the facts, methods and principles of physical science. Two lectures, two recitations and one laboratory period per week. Prerequisite: Trigonometry. Required of all pre-engineering students and science majors.

### 15. DESCRIPTIVE GEOMETRY

*Three hours first semester*

A continuation of the work of Physics 3-4. A study of the line and plane in space and the graphical solution of problems involving them; singly and doubly curved surfaces; developments; intersections; perspectives. Prerequisites: Phys. 3-4; Solid Geometry. Required of all pre-engineering students.

### 16. PLANE SURVEYING *Three hours second semester*

A study of method in field and office, use and care of instruments, simple surveying problems, including traverses, levels, meridian determinations, latitudes and departures, elementary topographic surveying. Prerequisites: Math. 11-12; Physics 3-4. Required of all pre-engineering students.

### 51-52. ENGINEERING MECHANICS

*Three hours each semester*

A study of the fundamental ideas and principles of mechanics and their application to problems in celestial mechanics, physics and engineering structures. Prerequisites: Math. 51-52; Physics 11-12.

## MODERN LANGUAGE COURSES

### 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, geophysics relativity and similar topics. Prerequisites: Math. 52, Phys. 12.

### 55. ELECTRICITY AND MAGNETISM

*Four hours first semester*

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

### 60. HEAT ENGINES

*Three hours first semester*

A study of the principles and construction of internal combustion and steam engines, elementary thermodynamics, fuels, boilers and accessories. Prerequisites: Math. 52, Physics 12.

### 61. HISTORY OF PHYSICS

*Two hours first semester*

A chronological and topical survey of the main lines of development of physical science, with special attention to recent trends in physical research. Prerequisite: Twenty hours of Physics.

## MODERN LANGUAGES

**Dr. Elias**

A major in 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.

### German

#### 1-2. ELEMENTARY GERMAN

*Four hours each semester*

Grammar, composition, reading of easy prose and verse, simple conversation.

#### 3-4. INTERMEDIATE GERMAN

*Three hours each semester*

Independent reading of modern prose, advanced grammar, composition, vocabulary building, idioms, conversation. Prerequisite: 1-2 or equivalent.

## WHITWORTH COLLEGE

- \*6. SCIENTIFIC GERMAN *Two hours second semester*  
Open to all students preparing to specialize in the sciences.
- 51-52. CLASSICAL GERMAN LITERATURE  
*Three hours each semester*  
A representative work of Schiller, Goethe, Lessing. Discussion and reports of outside readings. Prerequisite: 3-4.
- \*55-56. AN OUTLINE HISTORY OF GERMAN LITERATURE  
*Three hours each semester*  
Prerequisite: 51-52.
- \*57. THE MODERN NOVEL  
*Three hours first semester*  
Rapid reading in class, outside reading reports. Prerequisite: 3-4.
- \*58. THE MODERN DRAMA  
*Three hours second semester*  
Literary topics, oral and written work. Prerequisite: 51-52.
65. ADVANCED COMPOSITION  
*Three hours first semester*  
Translation and original composition. Grammar and syntax, letter writing and themes.

### French

- 1-2. ELEMENTARY FRENCH *Four hours each semester*  
French grammar, reading, composition and spoken language.
- 3-4. INTERMEDIATE FRENCH  
*Three hours each semester*  
Reading of modern French novels, plays and short stories. Composition and conversation based upon material read. Continuation of grammar. Prerequisite: French 1-2, or equivalent.
- \*51. LYRIC POETRY *Three hours first semester*  
The best lyrics since the sixteenth century, especially those of Lamartine, Hugo, Musset. Prerequisite: French 3-4.
52. FRENCH NOVEL *Three hours second semester*  
Not given in 1933-34.

## MUSIC COURSES

### \*55-56. FRENCH DRAMA *Two hours each semester*

Representative works of the classical period are read in class. Other dramas are read outside of class and reported upon. Prerequisite: French 3-4.

## MUSIC

**Mrs. Soltau**

**Mr. Poinar**

Major work is offered in Applied Music (Voice, Piano and Violin). Students majoring in Music must secure a minimum of thirty credits in Applied Music and twenty-eight credits in Theoretical Music, including the following courses: 1, 2; 11-12 or 15-16; 21-22; 23-24; 55-56. Major students may earn not more than one-third the required number of applied music credits in class work.

Students minoring in theory must secure a minimum of eighteen credits selected from the above-named courses. Not more than eight credits earned in Band, Orchestra and Chorus will ordinarily be accepted in fulfillment of the requirements for graduation.

### Suggested Program for Major Students

#### FRESHMAN YEAR

<i>Subjects</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
English 1-2—Freshman English .....	3	3
For. Language—French or German .....	4	4
Ch. Ed.—Bible .....	2	2
Mus. 1—Sight Singing .....	3	—
Mus. 2—Elem. Harmony .....	—	3
Mus. 17-18—Applied Music .....	2	2
Mus. 11-12—Choral Study .....	2	2
Or 15-16—Orchestra Physical Education .....	*	*
Total Hours .....	16	16

## WHITWORTH COLLEGE

### SOPHOMORE YEAR

<i>Subjects</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Foreign Language .....	3	3
Educ. 21—General Psychology .....	3	—
Mus. 21-22—History and Application .....	2	2
Mus. 23-24—Harmony .....	3	3
Mus. 25-26—Applied Music .....	2	2
Electives .....	3	6
Phy. Ed.—Physical Education .....	*	*
Total Hours .....	16	16

### JUNIOR YEAR

<i>Subjects</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Ch. Ed.—Bible .....	2	—
Phil.—Philosophy .....	—	2
Laboratory Science .....	5	5
Mus. 55-56—Musical Forms .....	2	2
Mus. 51-52—Applied Music .....	4	4
Electives .....	3	3
Total Hours .....	16	16

### SENIOR YEAR

<i>Subjects</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Ch. Ed.—Bible .....	—	2
Social Science .....	5	—
Mus. 61-62—Applied Music .....	4	4
Mus.—Electives .....	3	3
Electives .....	4	7
Total Hours .....	16	16

## Description of Courses

### 1. SIGHT SINGING AND EAR TRAINING

*Three hours first semester*

Four class meetings per week. An intensive laboratory course in unison, two-part and three-part singing; study of rhythmic figures as applied to melodies; the singing, recognition and writing of all intervals in the major and minor modes with inversions; dictation of simple melodies and simple four-measure phrases; keyboard transposition of melodies; writing of original melodies; study of terms of dynamics, tempo, mood, symbols and elements of notation. No prerequisite.

## MUSIC COURSES

### 2. ELEMENTARY HARMONY

*Three hours second semester*

Four class meetings per week. Review of notation, scales, intervals, harmonic series, triads, melody writing, keyboard harmony. Use of primary triads and their inversions. Bytones. Prerequisite: Music 1 and some knowledge of piano.

### 9-10. COLLEGE BAND

*One hour each semester*

Three class meetings per week. Open to students who are sufficiently proficient in the use of some instrument of the modern band, and who have been accepted by the Orchestral Conductor. In addition to the regular class meetings the band is required to play for special college functions. See special note regarding non-credit students.

### 11-12. CHORAL STUDY

*One hour each semester*

Two or three class meetings per week. Study and performance of some of the serious and the lighter forms of choral compositions. Simple part songs, classical and modern choral works. Public performance of standard numbers. Candidates must satisfy the Director of Music as to their qualifications, before registering for this course. See special note regarding non-credit students.

### 13-14. ELEMENTARY APPRECIATION OF MUSIC

*One hour each semester*

Two class meetings per week. An elective course, open to all students with no technical knowledge required. A study and interpretation of musical masterpieces, presented by voice, piano and victrola. The course deals with the development of musical literature, great composers, performers, orchestras, opera companies and treats of modern musical trends.

### 15-16. ORCHESTRA

*One hour each semester*

Three class meetings per week. This course affords qualified students an opportunity for the study of the better grades of orchestral composition. Public performance, and orchestral accompaniment of cantatas and operettas produced by the choral class. Prior to registration, applicants must satisfy the Orchestral Conductor as to their proficiency in performance upon some orchestral instrument. See special note regarding non-credit students.

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- 21-22. HISTORY AND APPRECIATION OF MUSIC  
*Two hours each semester*  
A study of musical development from the primitive to the modern period. Written reports and outlined historical surveys required. Classroom illustration of the works of the various composers presented chronologically. No prerequisite.
- 23-24. HARMONY *Three hours each semester*  
Four class meetings per week. Four-part harmonizations. Secondary triads and inversions. Original melodies in phrase and period forms. Seventh chords. Chromatic harmonies and modulations. Original composition in the extended double period form. Prerequisite: Music 2.
54. ADVANCED APPRECIATION  
*Two hours second semester*  
Intensive study of the most important periods of musical art. Modern music with appropriate illustrations. Prerequisites: Music 21-22; 23-24.
- 55-56. MUSICAL FORMS *Two hours each semester*  
Analysis of many examples of musical forms. Homophonic forms. Study of the larger forms of musical composition. Prerequisite: Music 23-24.
59. COUNTERPOINT *Three hours first semester*  
Two, three and four-part counterpoint. Double counterpoint, imitation, sequences, canon. The invention and fugue in two parts. Prerequisite: Music 23-24.
60. FREE COMPOSITION *Three hours second semester*  
Composition in the smaller homophonic forms, including the two and three part song forms. Arrangements for combinations of voices or instruments. Prerequisite: Music 24.
- 61-62. ELEMENTARY CONDUCTING  
*One hour each semester*  
Two class meetings per week. This course is designed for those who have had no practical experience previously and begins with the study of the technique of the baton. It gives practical experience under supervision in conducting vocal and ensemble groups. Admission by permission of instructor.
63. TEACHING OF MUSIC *Two hours first semester*  
Study of psychological and pedagogical principles as applied to the teaching of music. Prerequisite: Music 55-56.

## MUSIC COURSES

### 64. PIANO PEDAGOGY *Two hours second semester*

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. Prerequisite: Music 63.

SPECIAL NOTE regarding Courses 9-10; 11-12; 15-16; (Band, Choral Study 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. Non-credit students will be required to pay a special fee of \$2.00 per semester to cover the cost of supplies and music. 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).

### 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 parentheses after the name of the department should be added to the course number in order to indicate the department in which the work is to be taken. Students may register for from one to four hours' credit per semester but the amount of credit granted will be contingent upon the results attained and not upon the number of lessons taken. Students registering for more than one hour's credit must take two lessons per week. Music majors who are deficient in piano technique may be required to take from one to two years' work in piano as a part of the Applied Music requirement for a major.

17-18. A, B, C, or D APPLIED MUSIC (Freshman)  
*One to four hours each semester*

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

To be eligible for credit in Applied Music, a student must meet the following requirements:

First: Obtain written authorization from the Director of Music.

Second: Pass a test in proficiency, graded according to previous training. Those unable to do college grade work, may take Applied Music but not for credit, upon payment of the regular fees.

Third: Credit will not be granted unless a full semester's work is completed, of quality as outlined below:

*In Piano:* Freshman and Sophomore Years: Standard works on technique, such as Hanon, Philipp. Studies by Czerny, Cramer, Heller. Sonatas by Scarlatti, Haydn, Mozart, Beethoven. Bach's Inventions and shorter works. Classic and romantic solo numbers.

Junior and Senior Years: Technique by Hutcheson, Philipp or Tausig. Studies by Czerny, Clementi, Chopin. Well tempered Clavichord and suites by Bach. Sonatas. At least one recital of memorized standard numbers must be given.

*In Voice:* Freshman and Sophomore Years: Voice placement, breathing, development of vowels. Studies from Concone, Witherspoon and William Shakespeare. Simple English and French or German songs. Arias. Appropriate recital work.

Junior and Senior Years: Advanced technique including embellishments. Theory of voice teaching. Operatic arias from French, Italian and German repertoire. Ger-

## MUSIC COURSES

man lieder. Folk songs. Repertoire. Junior and Senior Recital.

*In Violin:* Freshman and Sophomore Years: Bowing exercises; Staccato and spiccato. Study of seven positions: diatonic scales and arpeggios in three and four octaves. All scales up and down on any one string with any pair of fingers. Studies: Kreutzer, Fiorillo and Rode. Pieces: 3 or 4 examples from the concertos: Viotti No. 22, Rode, Kreutzer, Mozart, Bach, Spohr No. 2 and No. 9, Sonatas by Tartini and Handel.

Junior and Senior Years: Scales in thirds and octaves. Etudes: Dancla, Wieniawski, Dout (Opus 35), Paganini Caprices, Bach Sonatas for violin alone. Concertos Lalo, Saint Saens, Brahms. One public recital each year.

### Class Instruction

#### 5-6. BEGINNING VOCAL CLASS

*One hour each semester*

Two class meetings per week. A study of breathing, tone, vocalises, phrasing, recital songs of a simple nature, enunciation and concert platform deportment. Special fee, six dollars per semester. No prerequisite.

#### 7-8. BEGINNING INSTRUMENTAL CLASS

*One hour each semester*

Three class meetings per week, one of which is ensemble and two are instruction in sections as follows: *Strings:* Violin, viola, violincello and bass; *Woodwinds:* Clarinet, flute, oboe, bassoon, horns; *Brasses:* Trombone, trumpet, baritone, tuba. All sections combine for the ensemble class. The purposes of this course are: (1) To acquaint the student with the structure and technique of the various instruments; (2) To develop an adequate technique; (3) To acquire orchestral and ensemble experience. Instruments are not provided by the College. Special fee six dollars per semester. No prerequisite.

### 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

## WHITWORTH COLLEGE

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. In Applied Music, sixteen lessons will be considered a semester's work when taking one lesson per week, and thirty-two lessons will be considered a semester's work when taking two lessons per week.

### Rates of Tuition for Music

Special music students, not enrolled as regular students, will be charged a fee of \$10.00 per credit hour per semester for all theory courses.

The following fees are payable each semester in advance:

Courses 5-6, 7-8, class instruction, six dollars per semester.

Courses 9-10, 11-12, 15-16 for non-credit students, two dollars per semester.

Courses 17-18, 25-26, 51-52, 61-62:

1. *Voice and Violin:*

One thirty minute lesson per week.....\$36 per semester

Two thirty minute lessons per week \$72 per semester

2. *Piano*

One thirty minute lesson per week.....\$32 per semester

Two thirty minute lessons per week \$64 per semester

3. *Orchestral Instruments (Symphonic):*

One thirty minute lesson per week.....\$32 per semester

Two thirty minute lessons per week \$64 per semester

With piano: One hour a day.....\$4.00 per semester

Two hours a day.....\$8.00 per semester

Without piano: One hour a day.....\$3.00 per semester

Two hours a day.....\$6.00 per semester

## PHYSICAL EDUCATION COURSES

### PHYSICAL EDUCATION

The Department of Physical Education supervises and directs all athletic activities. Four hours of Physical Education are required for graduation. This requirement may be met by participating in the athletic sports or the Women's Athletic Association program or some other organized physical exercises. This work will be done out of doors as much as possible, since the aim is to meet the physical needs of the student, both in a corrective and recreational way.

#### Physical Education for Women

Physical Education for women functions largely through the Women's Athletic Association. This is an organization of the women of the college interested in hiking, basketball, baseball, volleyball and tennis. This work is carried on in conjunction with the regular physical education program of the college and is supervised by the Director of Physical Education. Participation in the activities of the Women's Athletic Association will count toward the physical education requirement for graduation.

A course in personal hygiene, described below, will be given in 1933-34 by Dr. Frances T. Rose, and will be required of all freshman girls.

#### PERSONAL HYGIENE

*One hour first semester*

A lecture course covering practical problems of health. Special emphasis is placed on the checking of individual health accounts.

#### INDIVIDUAL GYMNASTICS

*One hour second semester*

A course designed to correlate with Personal Hygiene. Attention will be given to the correction of abnormal posture conditions. Required, if recommended after physical examination.

## WHITWORTH COLLEGE

### SECRETARIAL SCIENCE

**Miss Maunus**

Credit for typewriting and shorthand not counted toward a degree.

1. TYPEWRITING *One hour one semester*  
Acquaintance with the parts of the typewriter, mastery of the keyboard, emphasizing position, rhythm, technique, accuracy, and speed. Four class periods per week. Practice periods by appointment. Special fee, ten dollars per semester.
2. TYPEWRITING *One hour one semester*  
Expert speed work with emphasis on accuracy. Form work and letter writing. Four class periods per week. Practice periods by appointment. Special fee, ten dollars per semester.
3. SHORTHAND *Three hours one semester*  
*The Gregg system is studied; supplementary reading and transcribing, speed dictation based on text material covered.* Four class periods per week. Special fee, ten dollars per semester.
4. SHORTHAND *Three hours one semester*  
A continuation of Course 3. General review of manual; practice for speed and dictation. Special fee ten dollars per semester.

### SOCIOLOGY

**Mr. Hussong**

A major in sociology consists of at least 24 hours required including sociology 1, 9, 61, 62 and 65.

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

## SOCIOLOGY COURSES

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 *Three 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 populations are noted.

### 10. SOCIAL DEPENDENCY *Three hours second semester*

The particular field of study is found in the many social maladjustments so evident about us. The state of such individuals and groups is expressed by the term "social pathology." Each student will be required to study closely and perhaps present a thesis in some particular division of social dependency. The following are only a few of the many fields offered: Widowhood, desertion, old age, poverty, homeless children, homeless men, child labor, the disabled, drug addicts, the blind, mental deficiency. The hopeful tone of the course is amelioration and more especially *prevention* of these conditions.

### 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.

### 52. POPULATION *Three 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.

### 55. HISTORY OF SOCIOLOGICAL THEORY *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.

## WHITWORTH COLLEGE

### 5. SOCIAL PROBLEMS OF LABOR

*Three hours second semester*

These subjects are treated in their modern aspects and relationships. The major divisions of the courses are: Labor problems, problems of income, human conservation, collective bargaining, the employer, programs for reconstruction. Minor subdivisions are: Immigration; theories of wages; industrial fatigue; conflicts; scientific and personnel administration; copartnership of labor and capital.

### \*61. SOCIAL WORK

*Two hours first semester*

The enlarging fields of social work and the education and training which this demands are the outstanding phases of this course. Two classes of students may find this course to be of practical help: Those who are preparing for professional social work and those who wish to profit by scientific study as a means of becoming more efficient in general social duties.

### 62. SOCIAL RESEARCH

*Two hours second semester*

This course is designed for beginners in research and who expect to take advanced degrees in sociology. 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. There may be some practical work done in conjunction with social agencies of Spokane.

### \*65. GROUP BEHAVIOR

*Three hours first 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.

ROSTER OF GRADUATES 1932

**GRADUATES 1932**

**Bachelor of Arts**

Maxine Marie Alexander, Social Science, Oakesdale.  
Helen Russum Allen, Dramatic Art and Public Speaking, Spokane.

Ralph Hinton Askew, Education, Warsaw, N. C.

Hugh L. Bronson, History, Spokane.

Dorothy Helen Hood, English, Reardan.

Charles H. Heffelfinger, History, Monroe, Iowa.

Clifton A. Hussey, Education and Social Science, Spokane.

Gladys Phila Klipple, English, Portland, Oregon.

Eloise Frances MacCamy, Social Science, Spokane.

Arthur M. Roberts, Education and Social Science, Millwood.

Marie Evelyn Watson, History, Spokane.

**Bachelor of Science**

Evelyn Margaret Chapman, Home Economics, Spokane.

Leta Mae Muir, Mathematics, Sunnyside.

Forrest C. Travaille, Chemistry, Walla Walla.

## WHITWORTH COLLEGE

### STUDENT ENROLLMENT BY CLASSES FOR THE YEAR 1932-33

#### *Seniors*

Ayers, Stanley.....	Deer Park,	Wash.
Boyce, Todd.....	Walla Walla,	Wash.
Holt, Maurice.....	Spokane,	Wash.
Jenkins, Marion.....	Antioch,	Calif.
Kyle, Halcyon.....	Wenatchee,	Wash.
Marquam, Alfred.....	Reubens,	Idaho
Morgan, Zelma.....	Asotin,	Wash.
Nason, Blanch.....	Bellingham,	Wash.
Nelson, Harold.....	Spokane,	Wash.
Noel, Francis.....	Spokane,	Wash.
Picton, Owen.....	Spokane,	Wash.
Schlomer, Henry.....	Spokane,	Wash.
Slater, Harold.....	Deer Park,	Wash.
Stevenson, Arthur.....	Tacoma,	Wash.
Williams, Janet.....	Spokane,	Wash.

#### *Juniors*

Baldwin, Estella.....	Washougal,	Wash.
Boynton, Ray.....	Spokane,	Wash.
Clarke, Olive.....	Northport,	Wash.
Crain, Mary Borden.....	Naches,	Wash.
Fancher, Ward.....	Spokane,	Wash.
Glenn, David.....	Spokane,	Wash.
Goeke, Eleanor.....	Spokane,	Wash.
Hussey, Lester.....	Spokane,	Wash.
Johnson, Margaret.....	Spokane,	Wash.
Jones, Ruthann.....	Ellensburg,	Wash.
Keyser, Adeline.....	Spokane,	Wash.
Larson, Elwin.....	Spokane,	Wash.
Lavender, Ray.....	Millwood,	Wash.
Miller, Frank C.....	Seattle,	Wash.
Pyles, Jewell.....	West Frankfort,	Ill.
Ratsch, Elsie.....	Spokane,	Wash.
Rhoades, Elsie.....	Kettle Falls,	Wash.
Shields, Mable.....	Millwood,	Wash.
Slater, Charlotte.....	Deer Park,	Wash.
Swann, Preston.....	Spokane,	Wash.
Tilden, Daurice.....	Vancouver,	Wash.
Topping, Eugene.....	Davenport,	Wash.
Ventris, Tommy.....	Millwood,	Wash.

#### *Sophomores*

Avery, Lloyd.....	Spokane,	Wash.
Baker, Florence.....	Wenatchee,	Wash.
Baldwin, G. B.....	Spokane,	Wash.

## ROSTER OF STUDENTS

Benson, Charles	Spokane,	Wash.
Boudewyns, Mable	Spokane,	Wash.
Braden, Elwyn	Spokane,	Wash.
Bradford, Charles	Vancouver,	Wash.
Breen, Neil J.	Spokane,	Wash.
Bronson, John	Spokane,	Wash.
Brown, Betty	Spokane,	Wash.
Collins, Ben	Spokane,	Wash.
Davie, Bertha	Los Angeles,	Calif.
Davis, Elwin	Newport,	Wash.
Doig, Laurence	Seattle,	Wash.
Eastburg, Harold	Spokane,	Wash.
Engdahl, Anna L.	Spokane,	Wash.
Fariss, Melvin	Spokane,	Wash.
Frank, Don	Spokane,	Wash.
Fry, Mildred	Spokane,	Wash.
Gilbert, Gladys	Spokane,	Wash.
Glenn, Chester	Spokane,	Wash.
Grieve, Robert	Spokane,	Wash.
Hale, Murdock	Chelan,	Wash.
Hancox, Harriett	Spokane,	Wash.
Helms, Faith	Spokane,	Wash.
Hepton, Virgil	Spokane,	Wash.
Holder, Hazel	Spokane,	Wash.
Herbst, William	Spokane,	Wash.
Irwin, Evelyn	Spokane,	Wash.
Keller, Kenneth	Spokane,	Wash.
Koper, Paul	Tacoma,	Wash.
Kurz, Virginia	Spokane,	Wash.
Loveless, Jean Ellen	Spokane,	Wash.
Lowell, Roy	Millwood,	Wash.
Mann, Priscilla	Spokane,	Wash.
McClenny, Claire	Seattle,	Wash.
McDowell, George	Spokane,	Wash.
Mott, Jack	Spokane,	Wash.
Murray, Keith	Wenatchee,	Wash.
Nordmark, John L.	Spokane,	Wash.
Nutting, Robert	Spokane,	Wash.
Parish, Harriet	Spokane,	Wash.
Peregrine, Lee	Spokane,	Wash.
Potter, Graham	Millwood,	Wash.
Reel, Helen	Norris,	Mont.
Ross, Sterling	Spokane,	Wash.
Shelley, Margaret	Spokane,	Wash.
Skaer, George A.	Spokane,	Wash.
Smith, Virginia	Spokane,	Wash.
Sprague, Lawrence	Spokane,	Wash.
Spotts, Lois	Seattle,	Wash.

## WHITWORTH COLLEGE

Van Austene, Mayo.....	Spokane,	Wash.
Vicker, Hedley.....	Asotin,	Wash.
Wallace, Robert.....	Angola,	Indiana
Wilson, Genevieve.....	Spokane,	Wash.
Wilson, Helen.....	Spokane,	Wash.
Winans, Merritt.....	Spokane,	Wash.
Woods, Jean Betty.....	Spokane,	Wash.
Zahniser, Mary.....	Spokane,	Wash.

### *Freshmen*

Adams, John.....	Spokane,	Wash.
Allison, Robert.....	Spokane,	Wash.
Allen, Richard.....	Spokane,	Wash.
Allen, Ruth.....	Spokane,	Wash.
Arthur, Howard.....	Spokane,	Wash.
Baker, Mary.....	Spokane,	Wash.
Balcom, Jesse.....	Pine City,	Wash.
Barden, Edwin.....	Spokane,	Wash.
Barker, Howard.....	Spokane,	Wash.
Bayley, Howard.....	Spokane,	Wash.
Beauchamp, Raymond.....	Spokane,	Wash.
Bell, Margaret.....	Spokane,	Wash.
Benedict, Winifred.....	Spokane,	Wash.
Bauer, Archie.....	Spokane,	Wash.
Bowker, Helen.....	Spokane,	Wash.
Bowersox, Glenn.....	Wenatchee,	Wash.
Bradley, Paul.....	Spokane,	Wash.
Brey, Robert.....	Spokane,	Wash.
Campbell, Jean.....	Spokane,	Wash.
Carroll, Marjorie.....	Spokane,	Wash.
Chapman, Ned.....	Spokane,	Wash.
Chase, Harold.....	Spokane,	Wash.
Chatterton, Scott.....	Spokane,	Wash.
Clarke, Dorothy.....	Spokane,	Wash.
Cowan, Imogene.....	Spokane,	Wash.
Davis, Lou.....	Spokane,	Wash.
Dawson, Ethel.....	Colville,	Wash.
Day, Rhodes.....	Spokane,	Wash.
DeMerchant, Marie.....	Spokane,	Wash.
Dillard, Helen Jean.....	Spokane,	Wash.
Drinkard, Francis.....	Spokane,	Wash.
Dyar, Joan.....	Spokane,	Wash.
Eggerts, Robert.....	Spokane,	Wash.
Elton, Orville.....	Spokane,	Wash.
Faudree, Russell.....	Mead,	Wash.
Fleming, Dan.....	Spokane,	Wash.
Flood, Betty.....	Spokane,	Wash.
Forest, Jack.....	Spokane,	Wash.

## ROSTER OF STUDENTS

Gray, Bobby	Spokane, Wash.
Gray, Merton	Deer Park, Wash.
Gilbert, Richard	Millwood, Wash.
Gustafson, Paul	Spokane, Wash.
Hale, Roy	Spokane, Wash.
Hall, Nora Page	Republic, Wash.
Hamilton, Mary Edna	Tacoma, Wash.
Harris, Walter	Spokane, Wash.
Heald, Thomas	Woodland, Wash.
Henry, Owen	Spokane, Wash.
Hood, Robert	Clovis, Calif.
Johnson, Gardner	Spokane, Wash.
Johnson, Gordon	Spokane, Wash.
Johnson, William	Spokane, Wash.
Jones, J. Robert	Sioux Falls, S. D.
Jones, Morland	Spokane, Wash.
Kamm, Anne	Spokane, Wash.
Kendall, Kathryn	Spokane, Wash.
Kimbrough, Austin	Spokane, Wash.
King, Mildred	Long Beach, Calif.
Klaus, Harry	Spokane, Wash.
Kopsland, Carmen	Colville, Wash.
Kroske, Howard	Spokane, Wash.
Langford, Kenneth	Spokane, Wash.
LaPoint, Ben	Spokane, Wash.
Lauder, Alma	Moscow, Idaho
Lindahl, Elmer	Spokane, Wash.
Long, Harvey	Deer Park, Wash.
Lovell, Rosemary	Spokane, Wash.
Luenow, Allyn	Spokane, Wash.
Lynch, Westley	Spokane, Wash.
Macintyre, Douglas	Spokane, Wash.
McAllister, Edith	Spokane, Wash.
McDonald, Christine	Mullan, Idaho
McEachran, Robert	Spokane, Wash.
McMillen, Eldred	Millwood, Wash.
Miller, Earl	Spokane, Wash.
Miller, Elizabeth	Seattle, Wash.
Miller, William C.	Spokane, Wash.
Miller, William R.	Spokane, Wash.
Moore, Florence	Spokane, Wash.
Murchison, Samuel	Sitka, Alaska
Owen, Audrey	Spokane, Wash.
Oves, William	Spokane, Wash.
Peery, Eugenia	Spokane, Wash.
Penhalurick, Harold	Spokane, Wash.
Penney, James	Spokane, Wash.
Peterson, Lewis	Spokane, Wash.

## WHITWORTH COLLEGE

Phelps, Ralph	Spokane, Wash.
Picton, Louise	Spokane, Wash.
Quist, Margaret	Kooskia, Idaho
Rasco, William Wilson	Sunnyside, Wash.
Reed, Dorothy	Spokane, Wash.
Richards, Helen	Spokane, Wash.
Rodgers, Margaret	Spokane, Wash.
Rogers, Dana	Spokane, Wash.
Rosslow, Fred	Spokane, Wash.
Russell, David	Spokane, Wash.
Schiewe, Earleen	Portland, Ore.
Schlomer, John	Spokane, Wash.
Seeley, DeLoss	Spokane, Wash.
Short, Kenneth	Spokane, Wash.
Simmons, Audrey	Spokane, Wash.
Slater, Marjorie	Spokane, Wash.
Smith, Irving	Millwood, Wash.
Stowell, David	Spokane, Wash.
Summers, Marie	Colville, Wash.
Swenson, Busby	Spokane, Wash.
Taylor, Gersha	Plummer, Idaho
Vertrees, Ben C.	Spokane, Wash.
Wiley, Averill	Spokane, Wash.
Williams, Elmer	Spokane, Wash.
Willis, Barbara	Spokane, Wash.
Westphal, Aldine	Spokane, Wash.
Whitehouse, Bruce	Spokane, Wash.
Winkler, Fred	Spokane, Wash.
Woods, Gordon	Spokane, Wash.
Woodward, Clare	Wenatchee, Wash.
Wright, Phalice	Spokane, Wash.
Xitco, John	So. Pasadena, Calif.

### Postgraduates

Briscoe, Robert H.	Spokane, Wash.
Knoll, Kenneth	Spokane, Wash.
Sullivan, Ethel P.	Spokane, Wash.

## ROSTER OF HONOR CLUB

### OFFICERS OF ALUMNI ASSOCIATION

**Elected June 3, 1932**

President, Mrs. Neil Baldwin, '25, N. 4324 Monroe St., Spokane.

Vice President, Mr. Clifford Bromling, '31, Oakesdale, Wash.

Secretary-Treasurer, Mrs. Susanna Borden Potter, '31, E. 1306 Trent Avenue, Spokane.

### MEMBERS OF WHITWORTH HONOR CLUB

**(Organized in 1927-28)**

**Elected in 1928**

Kathryn Bockman, Anacortes.

Russell Boucher, Spokane.

Lillian Brown, Spokane.

Phillip Laurie, Tacoma.

Lilly Schwendig, Wenatchee.

**Elected in 1929**

Leon D. Killian, Davenport.

Lee E. Knoll, Spokane.

Lewis G. Randal, Seattle.

**Elected in 1930**

\*Leah Grove, Deer Park.

Virginia Koyl, Spokane.

Kenneth Knoll, Spokane.

**Elected in 1932**

Leta Mae Muir, Sunnyside.

Evelyn Chapman, Spokane.

\*Deceased.

## WHITWORTH COLLEGE

### WHITWORTH COLLEGE AUXILIARY

The Whitworth College Auxiliary was organized September 15, 1930, with 103 charter members. It has now reached a membership of 530.

The slogan of the Whitworth College Auxiliary is "To Pray, to Plan, to Push" for Whitworth College. Among the projects for the year were the grand piano for the reception room, 250 new chairs for the auditorium, approximately twelve hundred quarts of fruit for the commissary, two hundred boxes of apples from Wenatchee, new silver ware, dishes, and many other items. The following are officers and members of the executive board:

Mrs. J. W. Countermine.....	<i>President</i>
Mrs. Ward W. Sullivan.....	<i>First Vice President</i>
Mrs. F. C. Farr.....	<i>Second Vice President</i>
Mrs. Thomas Tucker.....	<i>Secretary</i>
Mrs. F. T. Hardwick.....	<i>Treasurer</i>
Mrs. H. L. Hussong.....	<i>Promotion Secretary</i>
Mrs. Frank Fursey.....	<i>Financial Secretary</i>
Mrs. T. M. Hodgman.....	Mrs. William McEachran
	Mrs. W. L. Livingston

#### COMMITTEE CHAIRMEN

Mrs. George W. Petsch.....	<i>Ways and Means</i>
Mrs. J. E. Lane.....	<i>Membership</i>
Mrs. F. L. Bailor.....	<i>Entertainment</i>

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