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# Whitworth College Bulletin 1943-1944

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WHITWORTH COLLEGE  
BULLETIN

SPOKANE, WASHINGTON

*Fifty-third Year*

*Announcements For*  
1943-1944

## DIRECTORY OF CORRESPONDENCE

Dr. Frank F. Warren, President, should be addressed on all correspondence relating to the following:

- a. General School Policy
- b. Instructional Staff
- c. Living Endowment
- d. Life Annuity Bonds
- e. Field Representation
- f. Request for Bulletins
- g. Scholarships and Grants-in-Aid

Dr. Merton D. Munn, Dean, should be addressed on all correspondence relating to the following:

- a. Educational Program of the College
- b. General Welfare of Students
- c. Guidance Program
- d. Withdrawal of Students
- e. Summer School
- f. Work Toward the Masters Degree

Mr. J. L. Oakes, Business Manager, should be addressed on all correspondence relating to the following:

- a. Business Interest of the College
- b. Payments of Accounts
- c. College Work Program
- d. Living and Boarding Accommodations

Miss Estella Baldwin, Registrar, should be addressed on all correspondence relating to the following:

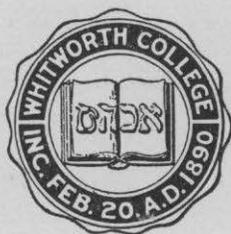
- a. Scholastic Requirements, Including Entrance, Classification, and Graduation
- b. Admission of Students
- c. Evaluation of and Requests for Transcripts
- d. Scholastic Progress
- e. Certification and Placement of Teachers
- f. Request for Catalog

Address Marion Jenkins, Whitworth College, on all correspondence relating to the Alumni Association.

# Whitworth College

BULLETIN

Spokane, Washington



A COLLEGE OF  
LIBERAL ARTS AND SCIENCES

Catalog Number

*Announcements for 1943-1944*

MAY 1943

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Voi. 13

May, 1943

No. 4

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Published monthly by Whitworth College, Spokane, Washington. Entered as second class matter August 5, 1930, at the Post Office, Spokane, Washington, under the act of August 24, 1912.

# CALENDAR FOR 1943-1944

## SUMMER QUARTER

June 14	.....	Registration dates
June 15	.....	Class instruction begins
July 5	.....	Holiday
August 6	.....	Final examinations

## FALL QUARTER

September 27-28	..... Monday, Tuesday	Registration of Freshmen students
September 29	..... Wednesday	Registration of Three Upper Classes
September 30	..... Thursday	Class instruction begins
October 1	..... Friday	Formal Convocation
October 1	..... Friday	Faculty Reception
October 15-17	.....	Women's Conference
October 15	.....	Last day to withdraw from a class and receive a "W" without grade
November 5-6	.....	Annual "Home Coming"
November 9	.....	Mid-term grades due
November 24	..... Wednesday, 12:30 p.m.	Thanksgiving Vacation Begins
November 29	..... Monday, 8:10 a.m.	Thanksgiving Vacation Ends
December 15-17	.....	Final Examinations

## WHITWORTH COLLEGE

### WINTER QUARTER

- December 10-17.....Upper and Lower Division Pre-Registration Dates (All students in residence must register during these dates or pay late registration fee)
- January 3.....Monday.....Registration of New Students
- January 4.....Tuesday.....Class Instruction Begins
- January 21.....Last day to withdraw from a class and receive a "W" without grade
- February 15.....Mid-term grades due
- February 28-March 5 (Movable).....Religious Emphasis Week
- March 15-17.....Final Examinations

### SPRING QUARTER

- March 10-17.....Upper and Lower Division Pre-Registration Dates (All students in residence must register during these dates or pay late registration fee)
- March 20.....Monday.....Registration of New Students
- March 21.....Tuesday.....Class Instruction Begins
- April 6.....Thursday, 4:10 p.m. ....Easter Vacation Begins
- April 14.....Last day to withdraw from a class and receive a "W" without grade
- April 14.....Friday.....Campus and Field Day
- April 21-23.....Men's Conference
- May 5.....Friday.....May Day Festival
- June 1-5.....Final Examinations
- June 3.....Saturday.....Faculty Senior Breakfast
- June 4.....Baccalaureate Sunday
- June 5.....Annual Meeting of the Board of Trustees
- June 6.....Tuesday.....Commencement

WHITWORTH COLLEGE

Board of Trustees

CLASS OF 1943

Arthur E. Symons .....	Seattle
Alfred Carlson .....	Spokane
Otto R. Rabel .....	Seattle
Frank G. Kennedy .....	Spokane
*Clarence Black .....	Seattle
Charles Frazier .....	Kellogg, Idaho
Dave Jones .....	Seattle
Grant Dixon .....	Spokane

CLASS OF 1944

William L. McEachran, Chairman .....	Spokane
Rev. Paul C. Calhoun, D. D. ....	Spokane
Frank R. Fursey, M. D. ....	Spokane
L. G. Pattullo .....	Seattle
C. M. Hull .....	Yakima

CLASS OF 1945

Jay P. Graves, L. L. D. ....	Spokane
Rev. J. Renwick McCullough, D. D. ....	Tacoma
Albert K. Arend, Treasurer .....	Spokane
John F. Reed .....	Seattle
Rev. Charles F. Koehler, D. D. ....	Spokane
George W. Sommer, Secretary .....	Spokane
Davis Weyerhaeuser .....	Tacoma
Rev. Evert Top .....	Spokane
Rev. Sheldon O. Price .....	Coeur d'Alene, Idaho
Charles R. Mowery, M. D. ....	Spokane

\*U. S. Navy

WHITWORTH COLLEGE

Executive Committee

William L. McEachran, Chairman .....	Spokane
Jay P. Graves, L. L. D. ....	Spokane
Frank G. Kennedy .....	Spokane
Albert K. Arend .....	Spokane
Frank R. Fursey, M. D. ....	Spokane
Alfred Carlson .....	Spokane
Rev. Charles F. Koehler, D. D. ....	Spokane
Rev. Paul C. Calhoun, D. D. ....	Spokane
George W. Sommer, Secretary .....	Spokane
Charles Frazier .....	Kellogg, Idaho
Rev. Evert Top .....	Spokane
Rev. Sheldon O. Price .....	Coeur d'Alene, Idaho
Grant Dixon .....	Spokane

Faculty

FRANK FURNISS WARREN, M. A.; D. D.

B. A., Seattle Pacific College, 1922; M. A., Drew University, 1924; D. D., Seattle Pacific College, 1941. Teacher in the Osaka Theological Seminary, Osaka, Japan, 1925-1928. Dean of School of Religion, Seattle Pacific, 1934-1940.  
 President of Whitworth College, 1940—  
 Whitworth College Campus

MERTON D. MUNN, ED. D.

Dean

B. A., Greenville College; M. A., University of Michigan; Ed. D., University of Cincinnati, 1938.  
 Whitworth College, 1941—  
 Country Homes

MARION R. JENKINS, M. A.

Dean of Women, Christian Education

B. A., Whitworth College; M. A., New York University; graduate San Jose Teacher's College, California; graduate work at University of California and New York Biblical Seminary.  
 Whitworth College, 1931—  
 McMillan Hall

OTTO G. BACHIMONT, M. A.

Modern Languages

Dortmund and Hermannsburg, Germany; B. A., Wartburg College, Clinton, Iowa; B. A., State University of Iowa; M. A., State University of Iowa; two summers' graduate work, University of Iowa; two years' graduate work toward Ph. D., University of Wisconsin.  
 Whitworth College, 1936—  
 4727 N. Post

ESTELLA E. BALDWIN, M. A.

Registrar, Bible

B. A., M. A., Whitworth College; Bible Institute of Los Angeles, California.  
 Whitworth College, 1933—  
 Home Economics Bldg.

## WHITWORTH COLLEGE

**MARY BOPPELL, B. S.**

*Home Economics*

B. S., University of Washington.  
Whitworth College, 1941—

Home Economics Bldg.

**LAVERNE KENNETH BOWERSOX, PH. D.**

*History and Political Science*

A. B., Willamette University; M. A., Syracuse University; Ph. D., Ohio State University.  
Whitworth College, 1932—

3214 Dalton

**JOHN ARVID CARLSON, M. S.**

*Mathematics and Physics*

B. S., M. S., University of Washington.  
Whitworth College, 1935

Country Homes

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

*Piano, Organ, and Assistant Dean of Women*

Mus. B., Oberlin Conservatory of Music; Mus. M., Cincinnati Conservatory of Music;  
student of Ernest Hutcheson and Sigismund Stojowski in New York City; B. A., Whitworth  
College.  
Whitworth College, 1937—

Ballard Hall

**HORACE EDWARD CHANDLER, S. T. M.**

*Engineering*

B. S., Brown University, Providence, Rhode Island; S. T. B., S. T. M., Western Theological  
Seminary; graduate work toward a Ph. D. in Education, University of Pittsburg.  
Whitworth College, 1942—

N. 10014 Wall

**JAMES W. COUNTERMINE, M. A., D. D.**

*Bible and Christian Education*

B. Th., Princeton Seminary; M. A., Parsons College; D. D., Buena Vista College, 1910;  
Graduate work Universities of Princeton and Hawaii in Grecian philosophy, European  
history and Oriental religions.

**OSCAR KIRK DIZMANG, M. A.**

*Economics and Business Administration*

B. S., Kansas State College of Agriculture and Applied Science; M. A., University of  
Chicago; more than two years work toward Ph. D.  
Whitworth College, 1935—

N. 5411 Post

**ERNESTINE EVANS, M. A.**

*Secretarial Science*

Western Washington College of Education; B. A., M. A., Washington State College.  
Whitworth College, 1941—

Home Economics Bldg.

**PAUL V. GUSTAFSON, PH. D.**

*Biology*

B. S., Whitworth College; M. S. and Ph. D., University of Illinois.  
Whitworth College, 1939—

Country Homes

## WHITWORTH COLLEGE

**ELIZABETH GUSTAFSON, M. A.**

*Librarian*

B. A., Wooster College; M. A., Michigan.  
Whitworth College, 1940—

Country Homes

**FRANCIS TILEY HARDWICK, PH. D.**

*Education, Psychology and Greek*

B. A., London, England; M. A., Ph. D., University of Washington; graduate work, University of Wisconsin, Chicago, and California. Acting President Whitworth College, 1938-1940.

Whitworth College, 1929—

816 Gordon

**WINIFRED McNAIR HOPKINS, B. A.**

*Voice*

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

Whitworth College, 1934—

2709 N. Wall

**WILMA LUCILE KENNEDY, PH. D.**

*English Language, and Literature  
Journalism*

M. A., University of Minnesota; Ph. D., Yale University.  
Whitworth College 1942—

Home Economics Bldg.

**\*MARK L. KOEHLER, TH. M.**

*Bible and Christian Education*

B. A., Whitworth College; M. A., B. D., San Francisco Theological seminary; Th. M., Princeton Theological Seminary.  
Whitworth College 1943—

**THERON B. MAXSON, M. A.**

*Christian Education*

B. A., York College, Nebraska; M. A., University of Southern California; graduate work toward Ph. D., University of Southern California.

Whitworth College, 1940—

3316 W. Princeton

**\*\*BENJAMIN CONRAD NEUSTEL, M. S.**

*Chemistry*

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

Whitworth College, 1928—

Country Homes

**STANLEY SPENCER NEWCOMB, TH. B.**

*Public Speaking and Dramatics*

B. A., University of Redlands; Th. B., Princeton; graduate work toward Master's degree, University of Redlands.

Whitworth College, 1941—

Whitworth Hall

\*Joined Faculty April 1, 1943

\*\*U. S. Army

WHITWORTH COLLEGE

**JOHN L. OAKES, B. A.**

*Business Manager*

B. A., Colgate University, Hamilton, New York; graduate of Albany Business College, Albany, New York.  
Whitworth College, 1942—

Ballard Hall

**ARTHUR B. PRINDLE, B. S.**

*Physical Education*

B. S., Lawrence University, Appleton, Wisconsin; graduate work at Northwestern University, Chicago and the Y.M.C.A. College, Chicago.  
Whitworth College, 1942—

Veradale, Wash.

**ELIZABETH CAMPBELL RAMSEY**

*Music Department, Violin Instructor*

Graduate of Cornish Conservatory of Music; private study in New York City and Pasadena, California.  
Whitworth College, 1942—

E. 212 23rd

**GUSTAV HERMAN SCHLAUCH, PH. D.**

*Sociology*

B. A., Spokane University; M. A., Ph. D., University of Washington; Washington State College.  
Whitworth College, 1942—

E. 1007 29th

**MARTIN BARBOUR WILLIAMS, M. S.**

*Chemistry*

B. S., M. S., University of Alabama.  
Whitworth College, 1942—

Whitworth Hall

WHITWORTH COLLEGE

## War Training Service

MERTON D. MUNN, Ed. D.....	Coordinator
THOMAS P. STAFFORD, B. S.....	Aeronautics
RICHARD C. HUNNER, B. A.....	Aeronautics
LAWRENCE C. NORTHQUIST.....	Aeronautics
EDMUND T. BEECHER, M. A.....	Military Science
HERMAN G. SCHLAUCH, PH. D.....	Mathematics and Physics
JOHN A. CARLSON, M. S.....	Mathematics and Physics
RICHARD BYQUIST.....	Physical Education
ELIZABETH GUSTAFSON, M. A.....	Secretary

## Student Assistants

BOURLAND, JEANNE	Assistant in Chemistry Department
FORKNER, VERNON	Assistant in English Department
GOTHBERG, LOREN	Assistant in Biology Department
MILLER, BARBARA	Assistant in Speech Department
SANBORN, KAY	Physical Education for Women
SCHELL, ELINOR, B. A.	Assistant Librarian
SCHWAB, RICHARD	Assistant in Chemistry Department
STARRETT, JACKSON	Assistant in Chemistry Department

## WHITWORTH COLLEGE

### Administration

FRANK F. WARREN.....	President
MERTON D. MUNN.....	Dean
MARION R. JENKINS.....	Dean of Women
ANNA J. CARREL.....	Assistant Dean of Women
JOHN L. OAKES.....	Business Manager
ESTELLA E. BALDWIN.....	Registrar
LAURA WILSON.....	Manager of the Dining Room
PHILIP L. WILSON.....	Custodian, Buildings and Grounds

### Faculty Standing Committees

**Administration**—The President, the Deans, Schlauch, Hardwick, Baldwin.

**Athletics**—Williams, Newcomb, Boppell, Dizmang.

**Building and Grounds**—Gustafson, Countermine, Chandler, Wilson

**Academic Affairs**—Baldwin, Gustafson, Munn, Kennedy, Jenkins, major and minor advisers.

**Library**—Mrs. Gustafson, Kennedy, Bachimont, Evans.

**Personnel and Guidance**—Munn, Jenkins, Newcomb, Hardwick, Williams, Baldwin.

**Publications**—Kennedy, Bowersox, Dizmang.

**Press, Publicity and Radio**—Schlauch, Kennedy, Hopkins, Warren.

**Public Events**—Bachimont, Hopkins, Carrel, Newcomb.

**Religious Life**—Countermine, Carlson, Chandler, Jenkins, Maxson.

**Social Functions**—Jenkins, Boppell, Carrel, Four Class Advisers.

**Student Council**—Munn, Carlson.

The president is an ex-officio member of each committee.

## WHITWORTH COLLEGE

# History and Purpose

**W**HITWORTH COLLEGE was founded in 1890 at Sumner, Washington.

In 1900 the College was moved to Tacoma, Washington, where it continued until 1913. In that year the Spokane Presbytery of the Presbyterian Church invited the College to move to its present location, and the following year Whitworth was moved to its present favorable situation. The College is named in honor of one of the outstanding pioneers of the Northwest, Dr. George Whitworth. Following the trail of Whitman, Spaulding, Meeker, and other pioneers this Christian minister came to the far west to build churches and to become an outstanding leader in the early life of Washington. The churches he founded are still extant in Portland, Olympia, Grand Mounds, Chehalis, Whidby Island, Steilacoom, White River, and in other communities. Not only was he an outstanding minister, but a splendid educator. He was twice president of the University of Washington. Largely due to his untiring efforts the School which now bears his name was founded. In those trying years when it appeared that the School could not continue, he valiantly stood by, assisting in every possible way to enable the College to weather the storm. Whitworth is proud of its name, and in its doctrine, vision and work would emulate the life of its great founder.

Today after fifty-two years of splendid achievement Whitworth stands, a Christian College dedicated to the great task of Christian education. It continues under the guidance of the Washington Synod of the Presbyterian Church and cooperates fully with the Board of Education of the denomination. For a long period of time it has succeeded in meeting the varied needs of discriminating young people of all denominations who wish to pursue their studies in a Christian atmosphere. Its scholarship is recognized by the larger institutions, and its graduates have consistently maintained high records of scholarship as they have pursued their higher education. Whitworth is primarily a co-educational, liberal arts college, not a university, nor yet a professional school. Its primary purpose is to provide a broad education under conditions which develop Christian character and at as low costs as possible. It offers opportunities for the best of culture, but does not neglect the fact that many students desire courses which will enable them to earn a living, or will give them pre-professional training. Opportunities are provided for leisure-time activities and social amenities. Special supervision is given to freshmen in order that through various tests and an orientation course in psychology, they may discover their possibilities and aptitudes. There are pre-vocational training courses in law, medicine, the ministry, social work, business administration, nursing, etc. A five-year course is provided for the training of high school teachers.

## WHITWORTH COLLEGE

Its basic policy as an institution of higher learning may be stated as follows:

- I. To insure by every means that the college life in teaching and living is decisively and uncompromisingly Christian.
- II. To provide a wholesome, friendly, cultural atmosphere to help in the expression of the Christian life in worship, in social attitudes, and general behavior.
- III. Side by side with its positive Christian emphasis, to provide the best opportunities for good scholarship and high standards in all of its offerings.
- IV. To provide this splendid combination of spiritual living and high cultural training at the lowest possible cost to the student.

Acknowledging the changes which have been made in every realm of life, Whitworth desires to be progressive in its method of teaching. The administration is frank to admit that only those teachers are appointed who give clear evidence that they possess a genuine Christian faith and are actively related to some evangelical church. It believes also that its teachers must be leaders in their chosen fields of teaching. The College can adequately serve the youth of America only to the degree that its faculty is both scholarly and Christian. Education in the smaller institutions is more conducive to the well-rounded education of youth—intellectual, spiritual, physical, and social. The undergraduate courses of the liberal arts college make the foundation upon which man may build the superstructure of his life. In the small institution the student receives much individual attention from his instructor. On the athletic field he has a greater opportunity to participate in body-building sports. Lay the foundation in the small Christian college and specialize in the university!

## NEEDS OF THE COLLEGE

A rapidly growing college requires constant nourishment and help. The outstanding need of Whitworth at present is for financial sponsors who believe in the program of Christian education and who will invest in buildings and equipment to care for the rapidly increasing student body. The most pressing needs at present are: A Library and Science building each estimated at \$50,000, and an Administration-Classroom Building which would cost at least \$140,000. Christian investors could do no greater service than in meeting these imperative needs. Any one of the gifts suggested would entitle the donor to give a name to the benefaction.

## TO REACH THE COLLEGE

The college operates a bus which meets the Spokane United Railways at Dalke and Wall. The schedule for this bus service to and from the college is given below. The cost for this transportation is only ten cents a day or a ticket for the quarter can be purchased for \$3.60. This provides a safe and

## WHITWORTH COLLEGE

insured method of transportation. Students who find transportation in private cars are taking avoidable risks for which the college may in no way be held responsible.

### BUS SCHEDULE

MONDAY TO FRIDAY INCLUSIVE

<i>Whitworth College</i>		<i>City Limits</i>	
Arrive	Leave	Arrive	Leave
	7:45 a.m.	7:55 a.m.	8:00 a.m.
8:07 a.m.	12:45 p.m.	12:55 p.m.	1:00 p.m.
1:00 p.m.	3:30 p.m.	3:40 p.m.	3:45 p.m.
3:50 p.m.	5:05 p.m.	5:15 p.m.	5:20 p.m.
5:30 p.m.			

SATURDAY SCHEDULE

<i>Whitworth College</i>		<i>City Limits</i>	
Arrive	Leave	Arrive	Leave
	8:30 a.m.	8:40 a.m.	8:45 a.m.
8:55 a.m.	12:45 p.m.	12:55 p.m.	1:00 p.m.
1:10 p.m.	5:15 p.m.	5:25 p.m.	5:30 p.m.
5:40 p.m.			

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

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

### CAMPUS AND BUILDINGS

The buildings of Whitworth nestle in a thickly wooded forty acre campus surrounded by one hundred and fifty acres of beautiful, rolling forest, owned by the institution. This unusual campus was made possible by the generous gift of Mr. Jay P. Graves, senior member of the Board of Trustees. The main buildings on the campus consist of McMillan Hall, Ballard Hall, the Home Economics Building, J. P. Graves Hall, Whitworth Hall, the president's home, and residences of faculty families.

The War Training Service program is conducted at the Calkins Air Terminal located about two miles from the Campus. Equipment for conducting this program consists of a barracks owned and operated by the college which will house fifty-eight men. An office together with two classrooms, one an aeronautical laboratory, are rented from the Calkins Air Terminal.

The present library of eighteen thousand books is housed in McMillan Hall.

## WHITWORTH COLLEGE

The administrative offices and the science laboratories are housed in Ballard Hall.

A natural amphitheater with its view of high hills provides a turfed athletic ground of unique beauty. Two concrete tennis courts are available on the campus. The J. P. Graves Hall houses a large student commons room, concession, student offices, music practice rooms and a large classroom, auditorium-gymnasium.

The Home Economics Building is designed and equipped according to the most modern methods. It will accommodate one hundred young women.

## ENDOWMENT

Whitworth College depends for its maintenance not only on tuitions and fees but upon the splendid support of the Washington Synod of the Presbyterian Church, and gifts from its friends and alumni. The "Living Endowment" Campaign was launched last year. This plan is working very successfully in a large number of colleges and it is expected that it will prove to be a great success at Whitworth.

## ACCREDITATION

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

The College is also accredited by the State Board of Education for giving complete training for high school certification in the State of Washington. For a long period of time it has done outstanding work in training for high school teaching. All of its fifth year graduates have been successful in obtaining teaching positions.

## COLLEGE EXPENSES

The College year is divided into three academic quarters. All bills are payable in advance at the beginning of each quarter. A student is not considered registered and cannot be allowed to attend classes until satisfactory arrangements have been made with the Bursar.

### SCHEDULE OF COLLEGE FEES

A summary of fixed charges for one quarter is as follows:

Tuition, full-time enrollment, 12-16 hours.....	\$ 50.00
Excess above 16 hours, per hour \$3.50	

## WHITWORTH COLLEGE

Part-time enrollment, 9-11 hours, per hour \$4.00

Part-time enrollment under 9 hours, per hour \$4.50

Associated Student Fee .....	7.00
Library Fee .....	2.50
Health Fee, dormitory students .....	1.50
Town students, \$1.00	
Board and Room (two in a room) .....	100.00
	\$161.00

All students living on the campus at Whitworth will be expected to give one hour's service daily to the college, in the hope of eliminating the necessity of an additional fee to meet the rising cost of living.

### LABORATORY FEES

In certain courses, such as: Biology, Chemistry, Art, Home Economics and Physics special fees are charged and the amount of such fees will be found following the course description.

## MUSIC

Class lesons in Voice or Instrument.....	\$ 6.50
Chorus, Band and Orchestra (If taken for non-credit).....	1.50
Private lessons in Piano, Voice and Violin:	
One period a week or two half periods.....	24.00
One thirty minute lesson per week.....	14.00
Private lessons in Organ:	
One thirty minute lesson per week.....	20.00
Music: Rental	
Piano, one period a day per quarter.....	2.00
Piano, two periods a day per quarter.....	3.00
Practice studio, one period a day per quarter (Voice, Violin).....	1.50
Practice studio, two periods a day per quarter (Voice, Violin).....	2.00
Organ, one period a day per quarter.....	4.00

### SPECIAL FEES

Locker fee .....	\$ .25
Associated Student fee (must be paid at time of registration)	
Fall Quarter .....	7.00
Winter Quarter .....	6.00
Spring Quarter .....	7.00

## WHITWORTH COLLEGE

Auditor's fee, per hour.....	1.50
Change of registration after one week.....	1.00
Graduation fee .....	10.00
Examination fee (for examinations taken out of schedule).....	1.00
Fee for additional transcripts, each.....	1.00
Health fee: Dormitory students .....	1.50
Town students .....	1.00
Infirmary service over three days, per day.....	.50
Late registration (\$1.00 per day, maximum \$5.00)	
Library fee .....	2.50
Matriculation fee (new students only).....	5.00
Room deposit (to be credited to total amount of room expenditure)....	5.00
Room and board .....	100.00
Test fee (freshman entrance tests, one quarter only).....	.50
Text-book fee (where text-book is not specified in class).....	1.00
Typing .....	3.50
Cap and gown rental .....	2.50
Towel fee (students taking Physical Education).....	1.00

For individual students the cost of books, stationery, laundry, laboratory fees, private music lessons and incidental expenses will vary according to the program and inclinations of the student. Economy is the rule of Whitworth College campus life and is rendered possible because of the fortunate location of the College outside of the city limits. In no circumstances need the personal expenses be more than 15% in excess of the fixed charges.

### CONDITIONS GOVERNING THE EXTENSION OF FINANCIAL CREDIT

No credit will be extended on board and room. These charges, however, may be paid by the week or by the month in advance.

In case of students requiring a deferred payments plan, one-third of the expenses should be paid in cash at the time of registration and the balance secured upon a six percent promissory note signed by parent or guardian.

The administrators of Whitworth College desire to provide such help for deserving students by work opportunities and deferred payments on small portions of accounts as will make it possible for the student to secure the best advantage of a college education. The College is not in a position to extend credit for any considerable period of time and then only within rather definite limits.

When credit is extended notes are to be made payable during the current quarter. Should such circumstances arise as to make the terms of the agreement impossible for the student, the student must report immediately to the Business Manager to apply for an extension of the terms or for a new note for the unpaid balance. Failure to meet contractual arrangements will

## WHITWORTH COLLEGE

seriously reflect upon financial standing and will involve the cancellation of registration.

After April 30 in any given year a student with an unpaid balance must report in person to the Business Manager's office to arrange payment before permission will be granted to write examinations.

Students are expected to show some appreciation of the credit privilege which the College extends by giving their educational obligation prior consideration over any subsequent commitments.

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

### REBATES

A fair pro rata rebate will be allowed on tuition and board and room expense in the case of students withdrawing during the first three weeks of the quarter. If a student withdraws thereafter a rebate of 75% of the unexpired board and room will be granted. If a student is unavoidably absent a full week or more 75% of the charge for board will be rebated. Students withdrawing under discipline forfeit all claim to rebate.

### BOOK STORE

A book store is maintained for the convenience of the students. All purchases of books and supplies are on a cash basis. No credit can be extended.

### SELF SUPPORT

Whitworth makes every possible effort to assist young people in obtaining an education. Practically all of the work in caring for the grounds, buildings and secretarial work is done by the students who must obtain some work in order to help with expenses. Money earned in this way is credited to the student account. Opportunities for work in town occur chiefly in domestic and office assistance, personal service of various kinds, canvassing, manual labor, etc. Students who find it necessary to work during the regular college year will be expected to reduce their academic load as follows:

Those working from:

- 1-2 hours per day, 15-17 quarter hours.
- 3-4 hours per day, 14 quarter hours.
- 5-6 hours per day, 8-12 quarter hours.
- 7-8 hours per day, 6-8 quarter hours.

Any student desiring to enroll for more hours than the above schedule would permit must petition the faculty for permission and abide by the faculty action taken.

## WHITWORTH COLLEGE

### SCHOLARSHIPS AND PRIZES

A limited number of scholarships are available to needy students. By action of the Board of Trustees ten full tuition scholarships are given to graduating seniors of high schools of the Northwest who are in the upper ten per cent of their classes.

1. The Alaskan scholarship of \$60.00 given to a young man who is a member of the Presbyterian Church.
2. The James Silliman scholarship of \$20.00 given to a worthy student.
3. The Frank A. Magill scholarship of \$150.00 available to any student from Tacoma, Washington, who can qualify.
4. The Nellie Shepherd Millard scholarship of \$200.00, appointment made by the Rev. and Mrs. Elton F. Spicer.
5. Athletic scholarship of \$250.00 made available by friends of the College.
6. The Whitworth Bible Class scholarship of First Presbyterian Church, Seattle, Washington, \$150.00.

### LOAN FUNDS

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

Hedley A. Vicker Fund.....	\$1,335.44
Mrs. Gertrude Mather Fund.....	100.00
First Presbyterian Church, Wenatchee.....	91.53
First Presbyterian Church, Northport.....	50.05
Rev. and Mrs. W. L. Livingston.....	40.00
Dr. and Mrs. C. W. Hays.....	25.00
Doctors' Club .....	50.00
Round Table .....	50.00
Spokane Women's Relief Corps.....	250.00
Scholarship Fund .....	150.00
Stevens-Swanby Scholarship Fund.....	318.39

### THE NYA COLLEGE AID PROGRAM

For the past number of years the National Youth Administration program has been of inestimable aid to students in college who could not otherwise meet the costs of higher education. The appropriation is made according to student registration and is assigned under regulations set up by the NYA. Any student who is a citizen of the United States may earn up to \$20.00 a month to apply on his college expenses. Application forms for NYA help may be secured from the Business Manager of the College.

### GRANTS-IN-AID

1. *For members of ministers' families.*

## WHITWORTH COLLEGE

A grant-in-aid on tuition of 25 per cent is available for sons and daughters of ordained Christian ministers. This grant-in-aid is continuous after the first quarter only on condition that an average scholarship grade of at least C shall have been earned in the preceding quarter. It is also understood that the scholarship will be continued on the basis of full cooperation by the students in the program of the College. This aid is granted if formally requested in writing by the parent.

### 2. *For Upper-Division Students Occupying Churches.*

Aid is also given to students who are regularly engaged in supplying churches. The same conditions apply here as those outlined above.

## DORMITORY REQUIREMENTS

Students not living in their own homes are required to live in the college dormitories unless they obtain the permission of the committee on personnel. Application for such permission must be made on forms secured from the Dean and Dean of Women. No arrangements to live off the campus can be made until the application for such has had the approval of the personnel committee. Off campus students may live only in approved residences which must be properly supervised by a mature woman and in no case will men and women students be permitted to live in the same building.

Students working for Board and Room must have the consent of the Dean or the Dean of Women.

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

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

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

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

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

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

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

Resident students must secure permission from the dormitory directors before entertaining overnight guests. Hosts always assume responsibility for

## WHITWORTH COLLEGE

payment for meals, for which arrangements must be made with the Dining-Room director.

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

The college dining hall will be open for Sunday evening lunch, September 26 and closed after luncheon on Tuesday, June 6, 1944.

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

### PERSONAL PROPERTY REGULATIONS

College property damaged by students must be replaced at the student's expense.

The college is not responsible for jewelry, money or other articles left in students' rooms, classrooms, or on the campus.

### EXTRA-CURRICULAR ACTIVITIES

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

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

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

**RECOGNITION OF ORGANIZATIONS.** In order to be recognized as a Whitworth College organization in good standing the organization must have a constitution, a list of charter members, and must have received the sanction of the student executive board and the faculty. All constitutional amendments and by-laws of the student association must always receive the

## WHITWORTH COLLEGE

sanction of the student executive board and the faculty. No organization shall function or be recognized until official notice of approval has been given to the applying organization by the college office.

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

### STUDENT ORGANIZATIONS

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

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

3. **Whitworth Christian Endeavor.** This is organized under the regular rules of the United Society of Christian Endeavor and functions among the resident students. It conducts a Sunday evening service and assists in the arranging of the mid-week Vesper Service.

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

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

6. **Gamma Ki Zeta** is an organization of art students whose purpose is to serve the art interests of Whitworth College in any way that is possible.

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

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

9. **The Women's Athletic Association** is an organization of the women of the college who are interested in hiking, indoor baseball, basketball, volley

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ball, tennis, badminton and archery. This is carried on in conjunction with the work outlined and supervised by the Director of Physical Education.

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

11. The Life Service Club is composed of women students who are preparing for full-time Christian service. The purpose of the club is to sponsor prayer meetings among the students, to promote Christian fellowship among the members and to investigate fields of full-time service open to women.

12. Pre-Med Club gives those interested in the medical professions an opportunity to investigate and answer problems peculiar to their group. Besides the usual meetings, the club sponsors trips and lectures, and keeps an organized file of professional school requirements, scholarships, and other pertinent information.

13. Whitworth Players is the dramatic organization of the college and is open to all who are registered. Its purpose is to give an opportunity to participate in the production of plays, and to furnish entertainment for the students and their friends.

14. Alpha Beta, "the Best in Life," is a Home Economics group offering to Whitworth College women opportunities to promote the best ideals of the home. The art and science of living in its cultural and social aspects are emphasized.

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

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

17. Alpha Psi Omega is the first national fraternity on the campus as well as the first cast of Alpha Psi Omega in the State of Washington. Its membership is made up of the students who have the distinction of becoming members of the Theta Rho cast of Alpha Psi Omega, National Dramatic Honorary Fraternity.

## RELIGIOUS LIFE

It is the purpose and desire of the Administration to give such leadership to the religious life on the campus that it shall be helpful, inspirational and thoroughly Christian. Certain factors must be present if training for Christian leadership is given. Among these are: a Christian approach to all subjects studied; the proper insistence that each and every student be re-

## WHITWORTH COLLEGE

quired to take some courses in the study of the English Bible and Religious Education; chapel services with attendance required and other religious services held on the campus; a "Religious Emphasis Week" under specialized guidance; and definitely Christian student organizations through which the student may exercise and grow.

Many of the students worship in down-town Churches, teach in Sunday Schools or assist in the religious program of various churches. However, the Whitworth community supports a Church with a pastor on the college campus and students who are not engaged elsewhere are expected to attend these services. The local Christian Endeavor organization sponsors a vesper service each Sunday night and a well-attended mid-week service on each Wednesday assists the student in the building of Christian character.

### SOCIAL LIFE

The social and recreational life on the campus is of an exceptionally high type. Because there are no sororities or fraternities the student body is free of those social classes which too often divide a college. Many splendid social events are scattered throughout the year, such as student mixers, faculty receptions, Home-Coming, Colonial Party, the Women's April Frolic and May Festival, besides numerous class functions and other entertainments. As a rule Friday evenings are reserved for social functions. Social activities during the week that would militate against study are definitely discouraged. Under the guidance of the Proctor in the Men's Dormitory and the Dean of Women, the dormitory life is particularly friendly and wholesome. Social dancing and playing cards are not permitted at Whitworth.

### ALCOHOL AND TOBACCO

The college considers the use of alcoholic beverages at complete variance with the accepted standards of Christianity and so detrimental as to prohibit the user from being connected with the institution. The use of tobacco by American youth is deprecated and the college takes a positive stand against its use by students. Smoking is not allowed on the campus at Whitworth. It is understood that the campus extends wherever the name Whitworth is used.

### GUIDANCE PROGRAM

The College has the desire to give to each student who comes, a definite plan of guidance. Various tests are given, counsellors are appointed and various remedial methods are used. It is the part of the Christian College to give to every student individual care. Special attention is given to the freshman class and orientation is made as thorough as possible.

## WHITWORTH COLLEGE

### ATTENDANCE AND ADMINISTRATION

Regular attendance is required in all courses and at all college exercises. Class attendance is kept by the individual instructors and absences shall be reported to the Dean's Office.

Voluntary absence from class or laboratory is a distinct loss to the student and will be considered in the preparing of grades. A student may not withdraw from a class or change his registration from one class to another without written permission. Such changes must be filed with the Registrar. *An absence fee of \$1 is charged for each class missed two days before and two days after the Thanksgiving holiday and the Christmas and spring recess.*

The Dean of the College may at any time dismiss a student from a course if in his judgment the student has neglected the work of that course. It is also understood that students may be relieved of campus responsibilities and all N.Y.A. help if at any time they fail faithfully to discharge their duties.

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

### SUMMER SESSION

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

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

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

### GRADES AND POINTS

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

An "Incomplete," must be made up within the first six weeks of the next college Quarter in order to receive credit for the work. If not made up within that period, it becomes an "F." A "W" will be granted to a student who withdraws from class within four weeks after registration providing he is making a passing grade in that subject at the time of his withdrawal and

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has written permission from the instructor and the Dean of the College. Otherwise he will be marked "F" in the subject.

"N" is given following the number of hours in a hyphenated course. Hyphenated courses are those given over a period of more than one quarter and credit is withheld until the entire course is completed. This rule may only be waived with the consent of the Academic Committee.

## SCHOLARSHIPS AND REPORTS

Parents or guardians of Freshmen or special students will be notified of unsatisfactory or failing work at the end of the first six weeks of each quarter.

**PROBATION.** A student who is not doing satisfactory work at the close of any quarter is placed on probation according to the following plan:

a. Any regular student classified as a freshman must pass successfully in 10 of his registered quarter hours carrying 10 quality points or he must pass in all of his registered quarter hours. Failures leading to probationary status of part time students shall be handled by the Academic Affairs Committee.

b. Any regular student classified as a sophomore, junior, or senior must pass successfully in all of his registered quarter hours carrying an equal number of quality points. Failures leading to probationary status of part time students shall be handled by the Academic Affairs Committee.

c. Probationary status applies for the two succeeding quarters after it is first placed upon a student. While on probation a freshman must earn 10 quarter hours carrying 10 quality points each quarter. Sophomore, juniors, and seniors must pass successfully all of their quarter hours with an equal number of grade points. In case a student fails he is dismissed unless in the judgment of the Academic Affairs Committee his record is due to circumstances beyond his control.

## HONORS

Four classes of honors are recognized at Whitworth College.

1. **QUARTER HONORS:** Granted to students carrying fourteen quarter hours of work and making twenty-eight grade points. Students carrying more than fourteen quarter hours must make two additional points for each quarter hour, in order to win honors.

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

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

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4. **GRADUATION HONORS:** A student will be graduated **cum laude** if he has earned an average of two and three-tenths grade points; **magna cum laude** if he has earned an average of two and seven-tenths grade points; and **summa cum laude** if he has earned an average of two and nine-tenths grade points. To secure graduating honors a student must have been in residence at Whitworth two of his four college years. The required points are based on 186 quarter credit hours for graduation.

### ADMISSION REQUIREMENTS

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

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

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

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

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

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

\*Deficiencies in foreign languages and laboratory science may be added to the curriculum prescription and college credits will be given for such courses, providing thirty high school credits have been presented for entrance. Other deficiencies must be made up without college credit.

### REQUIREMENTS FOR GRADUATION

The College year is divided into three quarters. A quarter hour consists of one hour per week of lecture or recitation pursued for a quarter. Two or

## WHITWORTH COLLEGE

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 186 quarter hours of college credit, and he is also required to earn an equal number of grade points.

No degree will be granted in absentia unless special arrangements are made and permission is granted by the faculty.

Any student who graduates provisionally upon attending summer school must attend the last summer session at Whitworth in residence.

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

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

## SPECIAL REQUIREMENTS

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

English 1, 2, and 3.....	9 hours
Personal Hygiene (Women Students).....	2 hours
Laboratory Science (Chemistry, Biology or Physics).....	15 hours
History or Social Science.....	8 hours
Public Speaking (Preferably taken in freshman year).....	3 hours
Foreign Language (See above)	
Bible and Christian Education.....	12 hours
(Nine hours must be in Bible, three hours may be in the field of Christian Education.)	
Psychology, General.....	5 hours
Philosophy (except where eliminated by prescribed course).....	5 hours
Physical Education.....	6 hours
(Only 6 hours of regular gymnasium work shall be counted toward the required 186 quarter hours for graduation.)	
Upper Division Courses, at least.....	60 hours

Transfer students must have earned at least 42 hours in residence at Whitworth College.

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### 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 forty-two and not more than seventy-two quarter 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 twenty-four hours. The requirements for majors and minors are set forth in the department where the offerings are listed.

In the case of transfer students, 10 hours of their major field must be taken at Whitworth College, unless requirement is waived by the Academic Committee.

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

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

### DIVISIONAL ORGANIZATION

- I. DIVISION OF LETTERS AND FINE ARTS
  1. Department of Art
  2. Department of Classical Languages
  3. Department of Dramatic Arts and Speech
  4. Department of English
  5. Department of Library Science
  6. Department of Modern Languages
  7. Department of Music
- II. DIVISION OF NATURAL SCIENCES
  1. Department of Biology
  2. Department of Chemistry
  3. Department of Home Economics
  4. Department of Mathematics, Physics, and Engineering
  5. Department of Pre-Medical Studies
- III. DIVISION OF SOCIAL SCIENCES
  1. Department of Bible and Christian Education
  2. Department of Economics and Business Administration
  3. Department of Education, Psychology and Philosophy
  4. Department of History and Political Science
  5. Department of Physical Education
  6. Department of Sociology

### REQUIREMENTS IN A DIVISION

Each of the divisions constitute a field of concentration. A minimum of sixty quarter hours including the major requirements must be completed in the field of concentration containing the major subject.

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### LOWER AND UPPER DIVISION

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

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

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

### INVESTITURE

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

### CLASSIFICATION

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

Freshman to Sophomore, 42 hours and 42 grade points.

Sophomore to Junior, 90 hours and 90 grade points.

Junior to Senior, 135 hours and 135 grade points.

### DEGREES GRANTED

The degrees of Bachelor of Arts and Bachelor of Science are granted, according to the courses pursued. Three graduate degrees are offered, the Bachelor of Education, Master of Arts, and Master of Science.

### BACHELOR OF EDUCATION DEGREE

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

1. Has received a Bachelor of Arts or Bachelor of Science degree from an accredited institution.
2. Has fulfilled the requirements for the Three-year Secondary Certificate.
3. Has forty-five quarter hours of residence work at Whitworth College beyond the bachelor's degree.

## WHITWORTH COLLEGE

4. Has thirty-nine quarter hours in education, including the twenty-four required for certification, of which at least fifteen quarter hours have been earned at Whitworth College.

5. Some work should be taken in the teaching major and minor the hours and courses to be determined after consultation with the Head of the Department of Education.

### REQUIREMENTS FOR THE MASTER'S DEGREE

Students who hold a bachelor's degree from Whitworth College or from another accredited college or university may file an application with the Committee on Graduate Work. This application should be made before the opening of the first quarter of the college year so that arrangements may be made for suitable courses to be taken, and before the first day of December in the same year, an outline of courses, and the subject of the thesis should be in the hands of the graduate committee of which the major advisor shall be the chairman.

Undergraduate work can not be counted towards the Master's Degree unless permission was granted at the time it was taken, and this work must not be used towards the bachelor's degree. A proper foundation for the graduate major and minor must be laid in the undergraduate work.

The work for the Master's Degree must be done in residence, and, if it is expected to complete this work in one year, the candidate must be able to give his whole time to it, but if the whole of his time can not be given, the period of preparation must be extended accordingly. All work, including the thesis, must be completed within a five-year period.

Twenty-seven quarter hours must be completed in the major field of which nine quarter hours are given to the thesis. The candidate may select with the approval of the committee in charge, one minor of eighteen quarter hours, or two minors of nine quarter hours each. The Master's Degree is only offered in those departments in which the staff and equipment make it possible. A transfer of not more than nine quarter hours from other institutions is allowed. Any candidate for the Master's degree enrolled in a course for undergraduates must do additional work for credit.

Not later than three weeks before the commencement at which time a graduate degree is sought, the candidate must present three copies of his completed thesis and appear before the committee which may be enlarged by additional members for a comprehensive oral examination on his fields of study and his thesis. The work must be of either A or B standard. The Master's Degree will only be conferred at the end of the regular academic year.

### DESCRIPTION OF COURSES

Departments are arranged in alphabetical order. The list of courses numbered from 1 to 20 are courses open primarily to Freshmen, and courses

## LETTERS AND FINE ARTS

from 1-49 are open to Sophomores. These are designated as lower-division work. The courses listed as 50 or above are open in most cases only to Juniors and Seniors and constitute upper-division work. The courses listed as 100 or above constitute graduate work. The term "hour" means a quarter hour of credit. Laboratory courses involve from two to three hours of laboratory work for one quarter hour of credit. The administration reserves the right to withdraw any course when the enrollment does not warrant its continuance.

### DIVISION OF LETTERS AND FINE ARTS

Department of Art  
Department of English  
Department of Greek  
Department of Library Science  
Department of Modern Languages  
Department of Music  
Department of Speech Education

### ART

#### 1-2-3. DRAWING AND PAINTING *Two hours each quarter*

An introduction to drawing from nature forms; still life; figure. This course offers an exploration of techniques and a sound foundation in graphic presentation. Mediums: Charcoal, pencil, lithographic crayons and watercolor. Laboratory fee \$2.00 per quarter.

#### 25. LETTERING *Two hours first quarter*

Alphabets and their uses. Principles of design in relation to composition of letter forms. Emphasis is upon art quality, but skill in lettering can be realized by those who are able to give enough time to practicing this art. Mediums: Drawing inks, showcard color. Laboratory fee \$2.00.

(Given 1943-1944 and alternate years.)

#### 31-32-33. ART STRUCTURE *Two hours each quarter*

An approach to creative design and color through an orderly, organic sequence of problems based upon the principles of design. Also an introduction to color theory, its significance and use. Mediums: Charcoal, ink, colored chalks and showcard colors. Laboratory fee \$2.00.

#### 45. ART APPRECIATION *Two hours third quarter*

The part played by the arts of color and form in our contemporary living.

(Given 1944-1945 and alternate years.)

#### 50-51-52. DRAWING AND PAINTING *Two hours each quarter*

An advanced course in painting still life, landscape, portraits. Appreciation of contemporary painting. Mediums: Oil, Tempera, watercolor. Prerequisite: Art 45; Laboratory fee \$2.00.

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### 55-56. COMMERCIAL ART *Two hours second and third quarters*

The use of design principles and color in the field of advertising art. The poster and related problems. Package design. Drawing for reproduction in pen and ink, and wash drawing. Mediums: Drawing inks, showcard color. Prerequisite: 1 and 25; Laboratory fee \$2.00.

(Given 1943-1944 and alternate years.)

### 60-61-62. COMPOSITION *Two hours each quarter*

Development of individuality in the use of principles underlying the graphic representation of ideas. Problems planned to stimulate the student's imagination in creative expression. Mediums: Charcoal, colored chalks, lithographic crayons, printers ink. Laboratory fee \$2.00.

(Given 1944-1945 and alternate years.)

### 71. ART EDUCATION *Two hours first quarter*

Principles and procedures in preparing and carrying out art work in junior and senior high schools. Review of mediums and techniques. Problems suitable to the secondary school level.

(Given 1943-1944 and alternate years.)

### 75. ART HISTORY *Two hours third quarter*

A survey of the history of Architecture, Painting, and Sculpture.

(Given 1943-1944 and alternate years.)

## ENGLISH AND LITERATURE

Dr. Kennedy

Mr. Newcomb

A major in English consists of at least forty-five quarter hours; a minor of at least twenty-four. English 1-2-3 do not count toward a major or minor. Required courses for a major are 1-2-3; 25-26-27; 40-41-42; 57-58-59; 60-61. Required courses for a minor are 1-2-3; 25-26-27; and either 40-41-42; or 57-58-59.

### 0. SUB-FRESHMAN ENGLISH *No credit given*

A drill course in those phases of grammar, punctuation, spelling, and sentence structure in which errors are most common. It covers the deficiencies rather than the niceties of English usage. Required without credit of those needing special training to meet the standards of English I.

### 1-2-3. FRESHMAN ENGLISH *Three hours each quarter*

A laboratory course in reading and writing designed primarily to lead the student through actual practice to an understanding of what it means to read and write as an educated person should, and to train him in effective expression of the results of the impact on his mind of the world in which he lives. English I is required of all freshmen. Students who do excellent work in English I may substitute English 22-23 for English 2-3.

## LETTERS AND FINE ARTS

### 21-22-23. ADVANCED COMPOSITION (FREE WRITING)

*Three hours each quarter*

Open to all students who have done work of A or B grade in English I. ADVANCED COMPOSITION is "free writing" to the extent that the student may elect his field of practice. Lecture emphasis will be divided between fiction and non-fiction types of writing, including the short-story as well as the news story and the editorial. Two hour-lectures and one three-hour laboratory period.

### 25-26-27. SURVEY OF ENGLISH LITERATURE

*Three hours each quarter*

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

(Given in 1943-1944 and alternate years.)

### 40-41-42. WORLD LITERATURE

*Three hours each quarter*

Open to all students but first-quarter freshmen. A study of the thought of the leading nations of the world other than Great Britain and the United States, as expressed in representative prose and poetry, sacred and secular, including the drama.

### 57-58-59. AMERICAN LITERATURE

*Two hours each quarter*

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, with special emphasis on that of Irving, Hawthorne, Emerson, Poe, Melville and Walt Whitman.

(Given in 1942-1943 and alternate years.)

### 60-61. SHAKESPEARE

*Three hours first and second quarters*

An intensive study of the chief histories, comedies, and tragedies, with a rapid reading of and reports on others. Collateral reading will be required on Elizabethan life and customs.

(Given in 1943-1944 and alternate years.)

### 66-67. EIGHTEENTH-CENTURY LITERATURE

*Three hours first and second quarters*

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.

(Given in 1944-1945 and alternate years.)

### 68. NINETEENTH-CENTURY POETRY

*Three hours third quarter*

A study of one of the chief English poets of the Romantic period and one of the Victorian, with reports on others. The two poets selected for special study in 1944-1945 are Wordsworth and Tennyson.

(Given in 1944-1945 and alternate years.)

### 103. MILTON

*Three hours third quarter*

A graduate course required of English majors who expect to teach. The principal objectives are these: (1) To acquaint the student with all the works of John Milton; to inspire him to read Milton with enthusiasm; (2) to make him thoroughly familiar with background materials necessary for understanding Milton's poetry; (3) to give him an introduction to graduate study. During the quarter the student prepares two research papers.

(Given in 1943-1944 and alternate years.)

## WHITWORTH COLLEGE

### LIBRARY SCIENCE

Mrs. Gustafson

#### 70. CATALOGING AND CLASSIFICATION

*Five hours second quarter*

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

#### 71. ORGANIZATION AND ADMINISTRATION

*Three hours third quarter*

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

### GREEK

Dr. Hardwick

The purpose of this department is to enable the student to read New Testament Greek with some ease and profit.

#### 1-2-3-. ELEMENTARY GREEK

*Four hours each quarter*

Grammar, vocabulary, and easy reading.

#### 53-54-55. THE GOSPEL OF LUKE

*Three hours each quarter*

(Given 1943-1944 and alternate years.)

#### 57-58-59. THE ACTS OF THE APOSTLES

*Three hours each quarter*

(Given 1944-1945 and alternate years.)

### MODERN LANGUAGES

Mr. Bachimont

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

A major in French or German consists of at least 36 hours. A minor in German or French requires at least 24 hours. French and German 1, 2, 3, do not count on either a major or minor.

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

## LETTERS AND FINE ARTS

### French

#### 1-2-3. ELEMENTARY FRENCH

*Four hours each quarter*

French phonetics, essentials of grammar, acquisition of vocabulary, elementary composition and conversation. Reading of graded texts and collateral material with reports.

#### 4-5-6. INTERMEDIATE FRENCH

*Three hours each quarter*

An intensive study of several works of modern authors; collateral reading and reports; review of the principles of French syntax; composition and conversation.

#### 51-52-53. SURVEY OF FRENCH LITERATURE

*Three hours each quarter*

A survey tracing the development of the French language and literature in connection with the history of French civilization from its earliest times up to the present. The spring quarter will be devoted to the study of modern literature and reading of representative masterpieces.

(Given 1943-1944 and alternate years.)

#### 54. SEVENTEENTH CENTURY FRENCH LITERATURE

*Three hours one quarter*

History of the ideas of the French 17th century through prose writers and a study of the classic drama of Corneille, Racine, and Moliere. Collateral reading and reports.

(Given on demand.)

#### 61-62. ADVANCED FRENCH COMPOSITION AND CONVERSATION

*Three hours first and second quarters*

The course seeks to develop in the student the ability to express himself freely in French both in conversation and in written work. A thorough knowledge of French grammar is essential. Prerequisites: French 4-5-6 or equivalent.

#### 63. METHODS OF TEACHING FRENCH

*Three hours one quarter*

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

(Given on demand.)

#### 71-72-73. DIRECTED READING

*Three hours each quarter*

Intended as a supplement to advanced courses. Study of the French short story, novel, drama, poetry. Especially adapted as supplementary work for extra credit.

(Given on demand.)

#### 92. INTRODUCTION TO ROMANCE PHILOLOGY

*Three hours one quarter*

This course is intended to give the student a historical survey of the French language and help him to acquire a more accurate knowledge of French grammar and syntax. Prerequisite: French 4-5-6 or equivalent.

#### 67. SCIENTIFIC FRENCH

*Three hours one quarter*

A course designed to give the student a reading knowledge of technical and scientific French. Prerequisite: Knowledge of the fundamentals of French grammar and composition.

(Given on demand.)

## WHITWORTH COLLEGE

### German

- 1-2-3. ELEMENTARY GERMAN** *Four hours each quarter*  
Pronunciation, essentials of grammar, acquisition of vocabulary, elementary composition and conversation. Reading of graded texts and collateral material with reports.
- 4-5-6. INTERMEDIATE GERMAN** *Three hours each quarter*  
An intensive study of several works of modern authors; collateral reading and reports; review of the principles of German syntax; composition and conversation. (The spring quarter will be devoted to an introduction to general scientific German.)
- 51-52-53. SURVEY OF GERMAN LITERATURE** *Three hours each quarter*  
A tracing of the German language and literature from the beginning to the present time in connection with Germany's history and civilization. The spring quarter will be devoted to the study of modern literature and reading of representative masterpieces.  
(Given 1943-1944 and alternate years.)
- 54. GERMAN CLASSICISM** *Three hours one quarter*  
Intensive study of the works of Lessing, Goethe, and Schiller. Collateral reading and reports.  
(Given on demand.)
- 61-62. ADVANCED GERMAN COMPOSITION AND CONVERSATION** *Three hours first and second quarters*  
Intensive grammar review, composition and dictation work, as well as vocabulary and conversational drills. Prerequisites: German 4-5-6 or equivalent.
- 67-68. SCIENTIFIC GERMAN** *Three hours first and second quarters*  
A course primarily for science majors. Reading and study of selected texts with vocabulary and principles of grammar peculiar to scientific German. Prerequisites: German 4-5-6.  
(Given 1943-1944 and alternate years.)
- 71-72-73. DIRECTED READING** *Three hours each quarter*  
Supplementary reading course for additional credit. Extensive reading of German novel, drama, poetry.  
(Given on demand.)

### Spanish

- 1-2-3. ELEMENTARY SPANISH** *Four hours each quarter*  
Spanish phonetics, essentials of grammar, acquisition of vocabulary, elementary composition and conversation. Reading of graded texts and collateral material with reports.
- 4-5-6. INTERMEDIATE SPANISH**  
(Given on demand.)

## LETTERS AND FINE ARTS

### MUSIC

Mrs. Hopkins, Voice Instructor

Mr. Carrel, Piano and Organ Instructor

Mrs. Ramsey, Violin Instructor

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

To be recommended for a music major a student must secure the minimum of thirty credits in applied music and forty-two credits in theoretical music, including the following courses: 1-2-3; 4-5-6; 7-8-9; 22-23-24; 55-56-57. The credits in applied music must be approved at the end of each quarter by the instructor and the musical director. Their judgment will be based on the progress shown by the student in private lessons and in public appearances. The student will be expected to appear in recital at times to be designated by the instructor. All who major in instrumental music are required to take orchestra each quarter. All voice majors are required to take chorus each quarter.

To be recommended for a minor in theory, the student must secure a minimum of twenty-seven credits, including the following courses: 1-2-3; 4-5-6; 7-8-9. Not more than twelve credits earned in band, orchestra, and chorus will be accepted in fulfillment of the requirements for graduation.

All seniors who are seeking a degree with a major in applied music are required to give a senior recital.

An elementary knowledge of the piano is required of all who graduate in music.

No credit for class work in piano, voice, or instruments will be given toward a bachelor's degree.

**DIPLOMA:** Students planning to earn diplomas in piano, organ, voice, or violin must present the regular college entrance requirements. After completing not less than two years of professional work they may receive a diploma from that course.

They must complete at least six quarters of upper division work in applied music and theoretical work as outlined by the head of the department. In addition, one year of English, public speaking, general psychology and six quarter hours of Christian education must be completed. Voice students must complete two years or its equivalent of French or German. At the end of this time the student must give recital appearances.

WHITWORTH COLLEGE

SUGGESTED PROGRAM FOR MAJOR STUDENTS

FRESHMAN YEAR

FALL QUARTER	
	Hours
English Composition .....	3
Foreign Language .....	4
Solfeggio and Theory.....	3
Physical Education .....	1
Applied Music .....	2
Chorus, Orchestra .....	1
	<hr/>
	14

WINTER QUARTER	
	Hours
English Composition .....	3
Foreign Language .....	4
Solfeggio and Theory.....	3
Physical Education .....	1
Applied Music .....	2
Chorus, Orchestra .....	1
	<hr/>
	14

SPRING QUARTER	
	Hours
English Composition .....	3
Foreign Language .....	4
Solfeggio and Theory.....	3
Christian Education .....	3
Physical Education .....	1
Applied Music .....	2
Chorus, Orchestra .....	1
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	17

SOPHOMORE YEAR

FALL QUARTER	
	Hours
General Psychology .....	5
Sight Singing and Dictation .....	3
Foreign Language .....	3
Harmony .....	3
Applied Music .....	1
Physical Education .....	1
Chorus, or Orchestra .....	1
	<hr/>
	17

WINTER QUARTER	
	Hours
Sight Singing and Dictation .....	3
Foreign Language .....	3
Harmony .....	3
Applied Music .....	2
Physical Education .....	1
Chorus, or Orchestra .....	1
Christian Education .....	3
	<hr/>
	16

SPRING QUARTER	
	Hours
Hymnology .....	3
Foreign Language .....	3
Harmony .....	3
Applied Music .....	2
Physical Education .....	1
Chorus, or Orchestra .....	1
Electives .....	2
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	15

JUNIOR YEAR

FALL QUARTER	
	Hours
Laboratory Science .....	5
Music History and Appreciation .....	3
Applied Music .....	2
Personal Hygiene .....	2
Chorus, or Orchestra .....	1
Philosophy .....	3
	<hr/>
	16

WINTER QUARTER	
	Hours
Laboratory Science .....	5
Music History and Appreciation .....	3
Applied Music .....	2
Christian Education .....	3
Chorus or Orchestra .....	1
Electives .....	2
	<hr/>
	16

SPRING QUARTER	
	Hours
Laboratory Science .....	5
Music History and Appreciation .....	3
Applied Music .....	2
Chorus or Orchestra .....	1
Electives .....	5
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	16

SENIOR YEAR

FALL QUARTER	
	Hours
Christian Education .....	3
Form and Analysis .....	3
Applied Music .....	2
Chorus, or Orchestra .....	1
Electives .....	6
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	15

WINTER QUARTER	
	Hours
Form and Analysis .....	3
Applied Music .....	2
Social Science .....	6
Chorus or Orchestra .....	1
Electives .....	3
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	15

SPRING QUARTER	
	Hours
Modern Music .....	3
Recital, senior .....	6
Social Science .....	2
Chorus or Orchestra .....	1
Electives .....	3
	<hr/>
	15

## LETTERS AND FINE ARTS

### Course Outline

#### 1-2-3. SOLFEGGIO AND EAR TRAINING *Three hours each quarter*

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

#### 4-5-6. HARMONY *Three hours each quarter*

Prerequisite: Music 1-2-3 or equivalent.

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

#### 7-8. DICTATION AND SIGHT SINGING *Three hours first and second quarters*

Prerequisite: Music 1-2-3 or equivalent.

Three class meetings weekly. An advanced class in ear training, designed to follow the work given in theory 1-2-3. Practice in melodic, rhythmic and harmonic dictation; sight singing in various clefs. Special emphasis on cultivation of pitch.

#### 9. HYMNOLOGY *Three hours third quarter*

Study of the history of some of our great hymns, together with the technique of hymn playing and singing. Practical study will also be made for the directing of congregational singing and accompanying.

#### 10-11-12. CHORAL STUDY *One hour each quarter*

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

See special note regarding non-credit students.

#### 13-14-15. COLLEGE BAND *One hour each quarter*

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

See special note regarding non-credit students.

#### 16-17-18. ORCHESTRA *One hour each quarter*

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

See special note regarding non-credit students.

#### 19-20-21. ELEMENTARY CONDUCTING *One hour each quarter*

Two class meetings weekly. This course is designed for those who have had no practical experience previously and begins with the study of the technic of the baton. It includes supervised experience in conducting, vocal, and instrumental groups. Must be taken three quarters for credit. Prerequisite: Music 1-2-3 or the equivalent.

## WHITWORTH COLLEGE

### 22-23-24. HISTORY AND APPRECIATION OF MUSIC

*Three hours each quarter*

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

### 50-51-52. PUBLIC SCHOOL MUSIC

*Three hours each quarter*

A study of the methods and materials used in teaching public school music in the elementary and secondary schools. Includes problems of child and adolescent voice, appreciation, rhythmic and creative work, choral singing, instrumentation, operetta production, and the psychology of music teaching.

(Given 1943-1944 and alternate years.)

### 53. KEYBOARD HARMONY

*Three hours third quarter*

Practical application at the piano of the work done in Music 4-5-6. Harmonization of melodies, transposition, with emphasis upon modulation to all keys.

(Given 1943-1944 and alternate years.)

### 55-56. FORM AND ANALYSIS

*Two hours first and second quarters*

Prerequisite: Music 4-5-6.

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

(Given 1944-1945 and alternate years.)

### 57. MODERN MUSIC

*Two hours third quarter*

Survey of the trends in musical composition from the late Romanticists through the Impressionists and including contemporary writers. Study of the harmonic structure of the modernists will be emphasized.

### 58-59-60. COUNTERPOINT

*Two hours each quarter*

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

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

(Given 1943-1944 and alternate years.)

### 61-62-63. ORCHESTRATION AND INSTRUMENTATION

*Two hours each quarter*

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

### 64. PIANO PEDAGOGY

*Three hours second quarter*

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

### Special Note

Regarding courses 10-11-12; 13-14-15; 16-17-18; with the instructor's consent, students may enroll for the work in these courses without receive-

## LETTERS AND FINE ARTS

ing college credit. In this case, the work is to be regarded as extra-curricular (non-credit) and will not be included in the total of hours carried in determining student load. All students, however, wishing to participate must register regularly. When registering for any of these courses on a non-credit basis, the letter "x" must be added after the course number: Music 11x (chorus, without credit). For non-credit course the fee is two dollars.

### Applied Music

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

### Class Instruction

#### 6B-7B-8B. BEGINNING VOCAL CLASS *No credit given*

Two class meetings weekly. A study of breathing, tone vocalized phrasing, recital song of a simple nature, enunciation and concert platforms experience. Special fee.

#### 9C-10C-11C. BEGINNING INSTRUMENTAL CLASS *No credit given*

Three class meetings weekly. Solo and ensemble playing of elementary exercises and pieces. For beginners in any orchestra or band instrument. Special fee.

#### 12A-13A-14A. BEGINNING PIANO CLASS *No credit given*

Two class meetings weekly. Elementary instruction in notation, chords, simple studies, and pieces. For students of voice and violin and those who are interested in reading simple musical scores.

### Regulations

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

16-17-18. A, B, C, D, or E APPLIED MUSIC (Freshman)  
*Two to four hours each quarter*

24-25-26. A, B, C, D, or E APPLIED MUSIC (Sophomore)  
*Two to four hours each quarter*

50-51-52. A, B, C, D, or E APPLIED MUSIC (Junior)  
*Two to four hours each quarter*

60-61-62. A, B, C, D, or E APPLIED MUSIC (Senior)  
*Two to four hours each quarter*

WHITWORTH COLLEGE

ORGAN DEPARTMENT

Mrs. Carrel

**SCOPE:** The course of instruction in organ prepares the student for church playing, teaching, and concert work. The methods of presentation vary with the individual student, but the aim is for technical fluency and artistic interpretation.

**COURSE OF STUDY:** Materials used range from the simplest to the extended forms. Beginners must have adequate piano training before taking organ lessons for credit.

**GRADE 1 (Freshman Year)**

Manual exercises; pedal studies; hymn tune playing; Bach Chorales and easier preludes and Fugues. Study of tone colors and the construction of the organ. Simple compositions for church use.

**GRADE 2 (Sophomore Year)**

Continuation of Bach. Movements from the easier sonatas. Reading at sight.

**GRADE 3 (Junior Year)**

More difficult works of Bach, including Preludes, Fugues and Toccatas. Compositions of Rheinberger, Guilmant and Franck.

**GRADE 4 (Senior Year)**

Advanced organ works of Bach, Guilmant and Widor. Transposition and modulation. Senior recital.

PIANO DEPARTMENT

Mrs. Carrel

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

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

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

**GRADE 1 (Freshman Year)**

Scales and arpeggios in moderate tempo. Studies such as: Heller, Czerny, Preludes and two-part inventions by Bach. Haydn Sonatas. Pieces by Mendelssohn, Schubert, Schumann, Chopin, Grieg. Selections from the Classical and Romantic school of similar grade.

**GRADE 2 (Sophomore Year)**

Etudes by Cramer and Czerny Opus 740. Parts of the Bach French suites and three-part inventions. Sonatas by Mozart and Beethoven. Selections from Classical and Romantic schools.

## LETTERS AND FINE ARTS

### GRADE 3 (Junior Year)

Etudes by Clements. Bach English suites. Well Tempered Clavichord. Beethoven Sonatas. Selections from the Classical, Romantic, and Modern schools.

### GRADE 4 (Senior Year)

Etude of Chopin, Moszkowski. Well Tempered Clavichord of Bach. Beethoven Sonatas from modern compositions. Compositions of Liszt, Mendelssohn, Brahms, Schubert, Schumann, and Chopin. Concerto for public performance.

## VIOLIN DEPARTMENT

Mrs. Ramsey

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

**COURSE OF STUDY:** On the technical side, a carefully graded and thorough course of study is indicated in the development of the technic of the right as well as the left hand. On the interpretive side, equal care is taken to cultivate the student's taste and to develop a sense of style, based largely on the compositions of the classic composers.

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

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

## REQUIREMENTS FOR A MAJOR IN APPLIED MUSIC

Violin Department

(Bachelor of Arts Degree)

### GRADE 1 (Freshman Year)

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

### GRADE 2 (Sophomore Year)

Continue Kreutzer and Fiorillo etudes; Viotti Concerto No. 20; Bach—Movement from the six solo Sonatas, selected solos. Mozart G Major Concerto.

### GRADE 3 (Junior Year)

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

### GRADE 4 (Senior Year)

Continue Bach, Mendelssohn Concerto in E Minor. One Paganini Caprice. A Bach Fugue. Prepare program for public performance.

## WHITWORTH COLLEGE

### VOCAL DEPARTMENT

Mrs. Hopkins

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

Instruction is given in individual lessons, and students of any degree of advancement may enroll.

#### Course of Study

##### GRADE 1 (Freshman Year)

Clippinger Voice Class Method. Breath control, resonance, tone quality, vowel-formation, melodic exercises, songs, and their interpretation. Stage presence, solos, duets and trios.

##### GRADE 2 (Sophomore Year)

Clippinger Voice Class Method continued, Vaccai and Concone's Thirty Daily Exercises, duets and trios by American composers, Lamperti's Daily Exercises, participation in student recitals, Spicker's Masterpieces of Vocalization—Book I plus a continuation of the above.

##### GRADE 3 (Junior Year)

Spicker—Book 2. Lamperti's Studies in Bravura, Sieber's School of Velocity, songs, duets, and simple arias from opera, and oratorio. Exercises continued, Junior Recital, consisting of an aria from an opera in Italian, French, or German, and group of oratorio songs.

##### GRADE 4 (Senior Year)

Spicker—Book 3-4, especial attention to program material. By the end of this year a repertoire of three operatic arias, in at least two foreign languages, three oratorio arias, twenty classic and twenty standard modern songs must have been acquired; also a knowledge of Recitative. The student must have sufficient piano study to play accompaniment of average difficulty. Recital at the end of the year.

## SPEECH EDUCATION

Mr. Newcomb

**AIM:** The aim of this department is three-fold: First, to give the student practical training in public speaking that will help in any vocation; second, to give a cultural training in the appreciation of literature and in the power to interpret it; third, to prepare the student for graduate training in an educational career.

**REQUIREMENTS FOR A MAJOR:** A major in speech consists of at least forty-five quarter hours and a minor of at least twenty-four. Required courses for a major are 1, 3, 32 or 52, 51, 57, 58, and 59, and for a minor 1, 3, 32-52, and 57.

**RELATED FIELDS:** Recommended related fields for speech majors are English, psychology, social sciences, music and physical education.

## LETTERS AND FINE ARTS

**RECOMMENDED COURSES:** Art 31, 32, 33; French 1, 2, 3; English 60-61; Physical Education 27, 28.

**1. FUNDAMENTALS OF SPEECH** *Three hours each quarter*

A course designed to give the student development in speaking personality and powers of communication with the aim of making the student a more effective unit in the social order. Required of all freshmen unless excused to take other courses in speech. (Not open to juniors and seniors except with reduced credit.)

**3. LITERARY INTERPRETATION** *Five hours second quarter*

The aims of this course are to aid the student in comprehending the intellectual and emotional meaning as intended by the author and to give such techniques as to enable him to give that meaning to others. Class recital required as part of work. Prerequisite: Speech 1.

**5-6. ARGUMENTATION AND DEBATE**

*Three hours first and second quarters*

A course for beginning debaters and orators in the theory and practice of debating, oratory and public discussion. Practice in finding material, construction of main arguments, rebuttals, and delivery. Attention is given to the national debate question. Speech 6 is a continuation of Speech 5, with a more detailed study of the national debate question.

**30. INTERPRETATIVE BIBLE READING** *Three hours first quarter*

The application of the principles of techniques of expression to the interpretation of the meaning and spirit of the scriptures. The course is designed to enable the student to orally interpret the Bible in such a way as to appreciate the greatest literature of the world. Recommended of all students going into Christian work. Prerequisite: Speech 1. Speech 3 is recommended.

**31. HOMILETICS** *Four hours third quarter*

A course in sermon composition and delivery. Supervised practice in church services is required.

**32 or 52. ADVANCED PUBLIC SPEAKING** *Three hours third quarter*

A course in speech composition. A study in selection, organization, and presentation of speech material. Practice in prepared and extemporaneous speaking will be given in the class room. Public engagements will be required. Upper division credit given for upper division students. Prerequisite: Speech 1.

**51. INTRODUCTION TO DRAMA** *Five hours first quarter*

A study of the origin and development of drama. Selected readings from the field. (Given 1944-1945 and alternate years.)

**53. ADVANCED LITERARY INTERPRETATION**

*Five hours second quarter*

A careful study of famous Shakespearean roles and plays will be made. For advanced speech students only. Admission is subject to approval of instructor. Prerequisites: Speech 1 and 3.

(Given 1943-1944 and alternate years.)

## WHITWORTH COLLEGE

### 55-56. ADVANCED ARGUMENTATION AND DEBATE

*Three hours first and second quarters*

A course for students interested in intercollegiate debate and other speech contests. Prerequisite: Speech 5-6.

(Given 1943-1944 and alternate years.)

### 57. THEORY OF ACTING

*Five hours second quarter*

The aims of the course are to develop the individual through the interpretation of various roles; to guide students in interpreting the playwright's intent to the audience through the medium of acting; to direct students in making up characters so that the playwright's intent will be emphasized. Prerequisite: Speech 1.

(Given 1944-1945 and alternate years.)

### 58. PLAY PRODUCTION

*Five hours third quarter*

A study of the theory and practice of stage craft. The course consists of the study of the principles of color, harmony, composition, balance and line as they relate themselves to the stage design; the construction of stage scenery; the study of the lighting of a stage and actual practice in the directing, setting, and lighting of a one-act play. Prerequisite: Speech 57.

(Given 1944-1945 and alternate years.)

### 59. RADIO SPEECH

*Three hours first quarter*

The purpose of the course is two-fold: First, to acquaint the student with the theory involved with the different techniques of radio speech and second, to give laboratory experience with radio broadcasting.

(Given 1943-1944 and alternate years.)

### 60. RELIGIOUS DRAMA

*Five hours third quarter*

A study of the theory and practice of stage craft in relation to drama in the church. Actual practice in directing and staging religious dramas.

(Given 1943-1944 and alternate years.)

## DIVISION OF NATURAL SCIENCES

Department of Biology

Department of Chemistry

Department of Home Economics

Department of Mathematics, Physics and Engineering

## BASIC SCIENCE MAJOR

In order to satisfy the requirements of many students who desire a broader education than that allowed by departmental majors, the major in basic sciences has been devised. This requires fifteen hours in each of the departments of Biology, Chemistry, and Physics, with fifteen hours of upper division credit in one of those fields. Modern Languages and Math. 11, 12, and 13 are recommended. A minor must be chosen from some other division.

## NATURAL SCIENCES

### CURRICULA OF PRE-MEDICAL STUDIES

Three curricula are included in this department, allowing for preparation for medical school, for dental school, and for a B.S. in nursing for graduate

nurses from an accredited hospital. The courses as recommended will satisfy the requirements of most professional schools. Alterations of the course and electives should be established by conference with the advisor assigned to this group.

### PRE-MEDICAL CURRICULUM

A four-year course is recommended, although some medical schools require only three years' preparation. The four-year plan allows more freedom in selection of electives of a cultural value as well as the basic science requirements.

The major selected by a pre-medical student is optional, depending on the interests of the student. The usual majors chosen are Biology, Chemistry, or Basic Sciences. Medical schools require as a minimum the courses starred below. They may be taken in the suggested order or changed by consultation with the advisor.

A student who, during his three years in the pre-medical curriculum, meets all the institutional requirements for graduation except completion of a major and the fourth year of residence may meet the requirements for a B.S. in Pre-medical Studies in the first year at the medical school.

#### FRESHMAN YEAR

##### FALL QUARTER

	Hours
*Chemistry .....	5
*English Composition ....	3
*Biology .....	5
Orientation .....	1
Physical Education .....	1
	<hr/>
	15

##### WINTER QUARTER

	Hours
*Chemistry .....	5
*English Composition ....	3
*Biology .....	5
Christian Education .....	3
Physical Education .....	1
	<hr/>
	17

##### SPRING QUARTER

	Hours
*Chemistry .....	5
*English Composition ....	3
*Biology .....	5
Electives .....	2
Physical Education .....	1
	<hr/>
	16

#### SOPHOMORE YEAR

##### FALL QUARTER

	Hours
*Chemistry .....	5
(Organic or Analysis)	
*French or German .....	4
Christian Education .....	3
Electives .....	3
Physical Education .....	1
	<hr/>
	16

##### WINTER QUARTER

	Hours
*Chemistry .....	5
(Organic or Analysis)	
*French or German .....	4
Electives .....	6
Physical Education .....	1
	<hr/>
	16

##### SPRING QUARTER

	Hours
*Chemistry .....	5
(Organic or Analysis)	
*French or German .....	4
Electives .....	6
Physical Education .....	1
	<hr/>
	16

## WHITWORTH COLLEGE

### JUNIOR YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
*Chemistry ..... 4 (Organic or Analysis)	*Chemistry ..... 4 (Organic or Analysis)	*Chemistry ..... 4 (Organic or Analysis)
*Physics ..... 5	*Physics ..... 5	*Physics ..... 5
*Biology (Embryology) ..... 5	Christian Education ..... 3	*Physics ..... 5
Electives ..... 2	Electives ..... 3	Electives ..... 6
16	15	15

Senior year as determined by consultation with the advisor.

### PRE-DENTAL CURRICULUM

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

#### FRESHMAN YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Biology ..... 5	Biology ..... 5	Biology ..... 5
Chemistry ..... 5	Chemistry ..... 5	Chemistry ..... 5
English ..... 3	English ..... 3	English ..... 3
Physical Education ..... 1	Christian Education ..... 3	Physical Education ..... 1
Orientation ..... 1	Physical Education ..... 1	Electives ..... 2
15	17	16

#### SOPHOMORE YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Chemistry (Organic) .... 4	Chemistry (Organic) .... 4	Chemistry (Organic) .... 4
Physics ..... 5	Physics ..... 5	Physics ..... 5
Electives ..... 3	Electives ..... 6	Electives ..... 6
Physical Education ..... 1	Physical Education ..... 1	Physical Education ..... 1
Christian Education ..... 3		
16	16	16

### NURSING CURRICULUM

Through a carefully integrated program, Whitworth College offers a course leading to the degree of Bachelor of Science in Nursing. This course requires a minimum of two years of college work in addition to the usual three-year hospital training.

In this curriculum the work for the major in Nursing Science would be taken at the hospital and a minor in Biological Science taken at the college.

It is urged that both college years be taken before entering the hospital school of nursing. However, the first year of work on the college campus

## NATURAL SCIENCES

largely satisfies the requirements of such hospitals as demand college courses as prerequisites for entrance.

With the advantage of basis science work in college courses, many students find that the hospital curriculum provides more opportunity for specialization, and advanced work in administrative problems.

### FRESHMAN YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
General Chemistry ..... 5	General Chemistry ..... 5	Organic Chemistry ..... 5
General Biology ..... 5	Human Anatomy ..... 5	General Physiology ..... 5
English Composition ..... 3	English Composition ..... 3	English Composition ..... 3
Physical Education ..... 1	Physical Education ..... 1	Physical Education ..... 1
Electives ..... 2	Christian Education ..... 3	Electives ..... 2
16	17	16

### SOPHOMORE YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Bacteriology ..... 5	Christian Education ..... 3	Adv. Physiology ..... 3
Nutrition ..... 5	Social Science ..... 3-5	Hist. of Nursing ..... 3
General Psychology ..... 5	Public Speaking ..... 3	Philosophy ..... 5
P. E. .... 1	Electives ..... 6-4	Electives ..... 4
16	16	16

Graduate nurses can obtain a Bachelor of Science degree upon completion of the course herein outlined or its equivalent as decided by consultation.

## BIOLOGY

Dr. Gustafson

The courses offered are designed to fulfill the needs of a Biology major as a preparation for teaching or for graduate school, as well as preparatory work for various phases of Applied Science, such as Medical and Nursing careers. A major in Biology consists of 42 quarter hours, including Biol. 10, 11, 12. A major also requires at least 15 quarter hours of Chemistry and a reading knowledge of at least one modern foreign language. Courses in Organic and Analytical Chemistry, General Physics, and General Mathematics are desirable. A minor consists of 24 quarter hours.

### 10. GENERAL BIOLOGY

*Five hours first quarter*

This is a course in the general principles of biology as illustrated by both animals and plants. It includes the study of systems of classification and nomenclature; protoplasm and cell structure; cell division; ecology; general types of plants and animals; and paleontology. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.

## WHITWORTH COLLEGE

- 11. GENERAL ZOOLOGY** *Five hours second quarter*  
This is a survey of the animal kingdom and zoological principles based on a selected series of invertebrates and the frog. Prerequisite: General Biology. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.
- 12. GENERAL BOTANY** *Five hours third quarter*  
This course includes systematic study of the plant kingdom, with elementary consideration of local flora. Prerequisite: General Biology. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.
- 20. HUMAN ANATOMY** *Five hours second quarter*  
The study of the general structure of human bodies through mamalian dissection, charts, models, and human skeleton. Two hour-lectures and three three-hour laboratory periods. Laboratory fee four dollars.
- 21. GENERAL PHYSIOLOGY** *Five hours third quarter*  
A general survey of human physiology with emphasis on nutritional phases. Prerequisites: Biology 20 or Biology 11 and at least one quarter of Chemistry. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.
- 22. GENERAL BACTERIOLOGY** *Five hours third quarter*  
An introduction to bacteria, yeasts, and molds, with some emphasis on the economic and medical importance of these organisms. Standard methods of preparing media and of straining are included. Prerequisites: One quarter of chemistry or equivalent. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.
- 30. VERTEBRATE COMPARATIVE ANATOMY** *Five hours third quarter*  
This is a detailed study of the anatomy of a series of chordates, with most of the laboratory time spent on the anatomy of shark, amphibian, and mammal. Prerequisite: Biology 11. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.
- 41. SPECIAL PROBLEMS** *Hours to be arranged*  
This course offers the opportunity to undertake original investigation in a limited field, at a lower-division level.
- 52. VERTEBRATE EMBRYOLOGY** *Five hours first quarter*  
The development of certain vertebrates from fertilization of the egg to completion of organogenesis is considered. Most of the laboratory work is devoted to the examination of chick and pig embryos. Prerequisite: Biology 30. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.  
(Given 1942-1943 and alternate years.)
- 53S. FAUNISTIC ZOOLOGY** *Five hours summer quarter*  
A study of the collection, identification, and preservation of local animals both vertebrate and invertebrate; the use of keys and reference material will be an essential part of the course. Recommended for biology teachers. Prerequisite: Biology 11. Two hour-lectures and three three-hour laboratory periods. Laboratory fee four dollars.
- 54. INTRODUCTION TO MARINE BIOLOGY** *One hour credit*  
One week of full time work in spring or summer. Prerequisites: Biology 11 and 12. A field trip to various marine habitats in Washington will be augmented by assigned reading. A paper summarizing marine biology will be required. Laboratory fee eight dollars.  
(Given 1943-1944 and alternate years.)

## NATURAL SCIENCES

- 60. MICRO-TECHNIQUE** *Four hours first quarter*  
Theory and laboratory preparation of microscopic slides. Paraffin, celloidin, and freezing methods are learned. Prerequisite: Biology 11. One hour-lecture and three three-hour laboratory periods. Laboratory fee six dollars.  
(Given 1943-1944 and alternate years.)
- 61. HISTOLOGY** *Four hours second quarter*  
It will consist of microscopic study of the anatomy of various organ systems of vertebrates, especially mammals. Prerequisite: Biology 11; Biology 60 is desirable. Two hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.  
(Given 1943-1944 and alternate years.)
- 62. ANIMAL PARASITOLOGY** *Five hours second quarter*  
A study of classification, morphology, and life history of most important parasites. Prerequisites: Biology 10 and 11. Three hour-lectures and two three-hour laboratory periods. Laboratory fee four dollars.  
(Given 1944-1945 and alternate years.)
- 63S. HEREDITY AND EUGENICS** *Two hours summer quarter*  
A study of the present day facts and theories regarding inheritance, with special application to plants, domestic animals, and man. Prerequisite: Biology 11 or 12. Two hour-lectures.
- 64S. INTEGRATIONAL PHYSIOLOGY** *Three hours summer quarter*  
A study of the sense organs, nervous physiology, and hormones. Prerequisites: Biology 21 and one year of chemistry. Two lectures and one laboratory section. Laboratory fee two dollars.
- 71S. SYSTEMATIC BOTANY** *Five hours summer quarter*  
A survey of the local flora with emphasis on flowering plants. Individual collections will be made. Prerequisite: Biology 12. Two hour-lectures and three three-hour laboratory periods including field trips. Laboratory fee four dollars.
- 101. ADVANCED BIOLOGICAL PROBLEMS** *Hours to be arranged*  
A course designed to offer advanced students an opportunity to strengthen their major; it may assume different aspects, depending on the interest and qualifications of the student. Some may conduct an original investigation, while others may wish to intensify their training in field of interest. Given as occasion demands. Laboratory fee two dollars per laboratory hour.

## CHEMISTRY

Mr. Williams

\*Mr. Neustel

A major in Chemistry consists of 50 quarter hours, including courses 1-2-3, 12-13, 53-54-55, 90-91-92. In addition to the special requirements, majors are required to have a reading knowledge of German, Freshman Mathematics, and General Physics. Breakage deposit \$4.00 per quarter for each course. No credit for hyphenated courses until entire course has been completed.

\*On leave, U. S. Army.

## WHITWORTH COLLEGE

### 1-2. GENERAL CHEMISTRY

*Five hours first two quarters*

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. Prerequisite: High school algebra. Three lectures and two three-hour laboratory periods per week. Laboratory fee \$6.75 per quarter.

### 3. QUALITATIVE ANALYSIS

*Five hours third quarter*

Continuation of Chemistry 1 and 2. Includes the elements of qualitative analysis. Prerequisite: High school algebra and Chemistry 1 and 2. Three lectures and two three-hour laboratory periods per week. Laboratory fee \$6.75.

### 11. ADVANCED QUALITATIVE ANALYSIS

*Five hours first quarter*

Systematic analysis of the metals and the acid radicals by semi-micro method. Students will be required to analyze fifteen unknowns. Prerequisites: Chemistry 1-2 and 3. Two lectures and three laboratory periods per week. Laboratory fee \$6.75.

### 12-13. QUANTITATIVE ANALYSIS

*Five hours second and third quarters*

Gravimetric and volumetric analysis of standard laboratory compounds. Prerequisites: Chemistry 1-2-3. Two lectures and three laboratory periods per week. Laboratory fee \$6.75.

### 30. SPECIAL ORGANIC

*Five hours third quarter*

A special course intended for nursing, biology and home economics majors. A study of the aliphatic and aromatic compounds of carbon with the laboratory preparation of typical group representatives. Laboratory fee \$6.75.  
(Given 1944-1945 and alternate years.)

### 53-54-55. ORGANIC CHEMISTRY

*Four hours each quarter*

A study of the aliphatic and aromatic compounds of carbon with the laboratory preparation of typical group representatives. Prerequisites: Chemistry 1-2-3. Two lectures and two laboratory periods. Laboratory fee \$6.00 each quarter.

### 56. ORGANIC PREPARATIONS

*Four hours third quarter*

A laboratory study and preparation of different types of organic compounds. Four laboratory periods. Laboratory fee \$8.00.  
(Given 1944-1945 and alternate years.)

### 60. BIOLOGICAL CHEMISTRY

*Five hours third quarter*

Chemistry of the proteins, carbohydrates, and lipins with special reference to their digestion and metabolism. Prerequisites: Chemistry 1-2-3 and 30 or 53-54-55. Laboratory fee \$6.00.  
(Given 1943-1944 and alternate years.)

### 71-72. ADVANCED QUANTITATIVE ANALYSIS

*Four hours first two quarters*

A laboratory study of the more difficult methods of analysis. Prerequisites: Chemistry 12-13. Four laboratory periods. Laboratory fee \$6.00.  
(Given 1944-1945 and alternate years.)

### 90-91-92. PHYSICAL CHEMISTRY

*Four hours each quarter*

A course dealing with the elements of physical chemistry. Prerequisites: Chemistry 1-2-3-12 and 13; Physics; Calculus. Laboratory fee \$6.00.  
(Given 1943-1944 and alternate years.)

## NATURAL SCIENCES

### 101-102. ORGANIC ANALYSIS

*Four hours two quarters*

Qualitative tests for the principal groups of organic compounds and quantitative analysis of animal and vegetable substances. Two lectures and two laboratory periods. Given on demand. Laboratory fee \$6.00.

## HOME ECONOMICS

Miss Boppell

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

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

A major in Home Economics consists of forty-five quarter hours. A minor, at least twenty-four hours. Required courses for a major are: 1, 5, 6, 11, 12, 25, 60, 63; for a minor: 1, 2, 7, 8.

For those majoring in Home Economics courses in Art, Chemistry, Biology, Physiology and Sociology are required. Courses in Bacteriology, Physics, Economics, are advised.

## HOME ECONOMICS

### FRESHMAN YEAR

FIRST QUARTER		SECOND QUARTER		THIRD QUARTER	
Subject	Hours	Subject	Hours	Subject	Hours
Introduction to Home Economics .....	2	Textiles and Clothing.....	4	Textiles and Clothing ....	5
Clothing Selection .....	3	General Chemistry .....	5	Spc. Organic Chem. ....	5
English Composition .....	3	English Composition .....	3	English Composition .....	3
General Chemistry .....	5	Physical Education .....	1	Physical Education .....	1
Physical Education .....	1	Christian Education .....	3	Electives .....	2
Orientation .....	1				
	15		16		16

### SOPHOMORE YEAR

FIRST QUARTER		SECOND QUARTER		THIRD QUARTER	
Subject	Hours	Subject	Hours	Subject	Hours
Food Preparation .....	4	Advanced Food Preparation .....	5	Household Management .....	2
General Psychology .....	5	General Physiology .....	5	Bacteriology .....	5
General Biology .....	5	Physical Education .....	1	Christian Education .....	3
Art Structure .....	2	Electives .....	2	Physical Education .....	1
		Public Speaking .....	3	Electives .....	5
	16		16		16

# WHITWORTH COLLEGE

## JUNIOR YEAR

FIRST QUARTER		SECOND QUARTER		THIRD QUARTER	
Subject	Hours	Subject	Hours	Subject	Hours
Consumer Problems .....	3	Home Furnishings .....	5	The House .....	3
Sociology .....	4	Sociology Elective .....	5	Dietetics .....	3
Literature or Foreign Language .....	4	(The Family, preferred)		Literature or Foreign Language .....	4
Personal Hygiene .....	2	Literature or Foreign Language .....	4	Christian Education .....	3
Physical Education .....	1	Electives .....	1	Physical Education .....	1
Electives .....	1			Electives .....	2
	15		15		16

## SENIOR YEAR

FIRST QUARTER		SECOND QUARTER		THIRD QUARTER	
Subject	Hours	Subject	Hours	Subject	Hours
Nutrition .....	5	Child Development .....	5	Home Economics .....	2
Income Management .....	3	Upper Division .....	7	Electives .....	5
Economics .....	5	Electives .....	3	Philosophy .....	8
Upper Division .....	2	Christian Education .....	3	Upper Division .....	8
Electives .....	2			Electives .....	8
	15		15		15

### General

#### 1. INTRODUCTION TO HOME ECONOMICS *Two hours first quarter*

Aims to orient students beginning their work in this field and to assist them in adjusting themselves to college life; opportunities in home economics to aid students in choice of a major. History of home economics, function.  
(Given 1944-1945 and alternate years.)

### Textiles and Clothing

#### 4. CLOTHING SELECTION *Three hours first quarter*

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

#### 5. TEXTILES AND CLOTHING *Four hours second quarter*

A study of the selection and construction of clothing, the use of the commercial pattern, the textile fibers, standard and new fabrics. Prerequisite: Home Economics 4. Laboratory fee \$1.50.

#### 6. TEXTILES AND CLOTHING *Five hours third quarter*

A continuation of Textiles and Clothing 5. A study of the economic and hygienic aspects of clothing, textile testing; construction of garments requiring more advanced methods than in the preceding course. Prerequisite: Home Economics 5. Laboratory fee \$1.00.

#### 56. HAND WEAVING *Two hours third quarter*

Hand weaving as a medium of artistic expression. Laboratory fee.  
(Given 1943-1944 and alternate years.)

## NATURAL SCIENCES

### Foods and Nutrition

- 11. FOOD PREPARATION** *Four hours first quarter*  
A study of the fundamental principles involved in the selection, preparation, and serving of foods. Prerequisite: Chemistry 1-2. Laboratory fee \$5.00.
- 12. ADVANCED FOOD PREPARATION** *Five hours second quarter*  
A continuation of Foods 11; includes the planning, preparation, and serving of meals; food costs and marketing. Prerequisite: Home Economics 11. Laboratory fee \$5.00.
- 60. NUTRITION** *Five hours first quarter*  
A study of the composition and nutritive value of foods; relation of food to health. Prerequisite: Chemistry 30.  
(Given 1943-1944 and alternate years.)
- 61. DIETETICS** *Three hours third quarter*  
A study of the principles of Nutrition applied to the feeding of individuals and the family group. Laboratory work includes the planning and preparation of diets. Laboratory fee \$2.50.  
(Given 1944-1945 and alternate years.)

### Home Administration

- 24. THE HOUSE** *Three hours third quarter*  
Housing from the standpoint of family needs and interests; building costs; floor plans and construction; variations among households in needs and interests; housing standards and social regulation.  
(Given 1944-1945 and alternate years.)
- 25. HOME FURNISHING** *Five hours second quarter*  
A study of the problems involved in the decorating and furnishing of the home.
- 51. HOUSEHOLD MANAGEMENT** *Two hours third quarter*  
A study of the organization and management of time and labor, selection of equipment; family development.  
(Given 1943-1944 and alternate years.)
- 52. CONSUMER PROBLEMS** *Three hours first quarter*  
A study of the principles of consumption and their application to the purchase of various classes of commodities used in the home.  
(Given 1944-1945 and alternate years.)
- 63. CHILD DEVELOPMENT** *Five hours third quarter*  
The child, his needs, care, and development, from infancy through pre-school years, with special emphasis on nutrition.  
(Given 1943-1944 and alternate years.)
- 70. METHODS OF TEACHING HOME ECONOMICS** *Three hours second quarter*  
The problems involved in teaching Home Economics; objectives, organization and presentation of subject matter, equipment.  
(Given 1943-1944 and alternate years.)

WHITWORTH COLLEGE

MATHEMATICS, PHYSICS, AND ENGINEERING

Mr Carlson

Mr. Chandler

A major in Mathematics consists of a minimum of 48 hours, including courses 11-12-13, 47-48-49, 97-98-99, and nine additional hours. In addition to these special courses, majors are required to take Physics 11-12-13.

**1. ADVANCED ALGEBRA**

*Five hours first quarter*

A study of factoring, exponents, radicals, logarithms, quadratic equations, and determinants. This course should be followed by Mathematics 2. Prerequisite: One year high school algebra or general mathematics. No college credit for science majors.

**2. SOLID GEOMETRY**

*Five hours second quarter*

This course consists of synthetic solid geometry and an introduction to the methods of analytical geometry of three dimensions. Offered alternate years. Prerequisite: One year high school algebra and plane geometry. No credit for science majors.

**3. REFRESHER MATHEMATICS**

*Two hours third quarter*

A practical, concise review of mathematics from fractions and decimals to logarithms and trigonometry.

**11-12-13. GENERAL MATHEMATICS**

*Five hours each quarter*

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

**21. MATHEMATICS OF FINANCE**

*Five hours third quarter*

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

(Given 1943-1944 and alternate years.)

**47-48-49. DIFFERENTIAL AND INTEGRAL CALCULUS**

*Five hours each quarter*

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. 11-12-13. Required of mathematics majors and pre-engineering students.

**51-52. THEORY OF EQUATIONS**

*Three hours first and second quarters*

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. 49.

**53. MODERN GEOMETRY**

*Three hours third quarter*

An introductory course including a study of the properties of the triangle and the circle. Prerequisite: Math. 49. Recommended to those students who are preparing to teach.

## NATURAL SCIENCES

### 63. HISTORY OF MATHEMATICS *Three hours third quarter*

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.  
(Given 1943-1944 and alternate years.)

### 71-72. ADVANCED COLLEGE ALGEBRA *Three hours first and second quarters*

Includes introductions to the theories of matrices, continued fractions, groups, number concepts. Prerequisite: Math. 49.  
(Given 1943-1944 and alternate years.)

### 91-92-93. DIFFERENTIAL EQUATIONS *Three hours each quarter*

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

### 97-98-99. ADVANCED CALCULUS *Three hours each quarter*

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. 49.

### 141-142-143. VECTOR ANALYSES AND TENSORS *Three hours each quarter*

This course includes a thorough study of vectors with applications to geometry and physics. The spring quarter will be devoted to an elementary study of tensors with some application to the geometry of Riemann.  
(Given 1943-1944 and alternate years.)

## PHYSICS

### 11-12-13. GENERAL PHYSICS *Five hours each quarter*

A general introduction to the facts, methods and principles of physical science. Four class meetings and one laboratory period per week. Prerequisite: Trigonometry. Required of all pre-engineering students, physics and chemistry majors. Laboratory fee \$3.50 each quarter.

### 15W. METEOROLOGY AND NAVIGATION *Five hours third quarter*

An elementary course designed primarily to meet the needs of candidates for service in the air corps, the army, and the navy. The presentation will be such as to be of interest to the general liberal arts student and will appeal to both men and women students.

### 53-54-55. MODERN PHYSICS *Three hours each quarter*

An introductory study of the recent advances in atomic physics, the nature of the atom, radiant energy, radioactivity, wave mechanics, relativity and similar topics. Prerequisites: Math. 49, Phys. 13.  
(Given 1943-1944 and alternate years.)

### 57-58. ELECTRICITY AND MAGNETISM *Five hours first and second quarters*

A theoretical study of the laws of electricity and magnetism and their applications in the field of electrical engineering. Prerequisites: Math. 49, Phys. 13. Laboratory fee of \$3.00 each quarter.  
(Given 1943-1944 and alternate years.)

## WHITWORTH COLLEGE

### 59. OPTICS

*Five hours third quarter*

A theoretical study of the general laws and principles of physical optics; elementary spectrometry. Prerequisites: Math. 49, Phys. 13. Laboratory fee of \$3.00.

### 91-92-93. THEORETICAL MECHANICS

*Two hours each quarter*

A study of the dynamics and statics of particles and rigid bodies, kinetic theory, elasticity, wave motion and the behavior of fluids. Prerequisites: Math. 49, Phys. 13. (Given 1943-1944 and alternate years.)

## 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.

### FRESHMAN YEAR

FIRST QUARTER		SECOND QUARTER		THIRD QUARTER	
Subject	Hours	Subject	Hours	Subject	Hours
General Mathematics	5	General Mathematics	5	General Mathematics	5
General Chemistry	5	General Chemistry	5	Qualitative Analysis	5
Engineering Drawing	3	Descriptive Geometry	3	Plane Surveying	5
Physical Education	1	Physical Education	1	Physical Education	1
Orientation	1	Christian Education	3		
	15		17		16

### SOPHOMORE YEAR

FIRST QUARTER		SECOND QUARTER		THIRD QUARTER	
Subject	Hours	Subject	Hours	Subject	Hours
Differential and Int.		Differential and Int.		Differential and Int.	
Calculus	5	Calculus	5	Calculus	5
General Physics	5	General Physics	5	General Physics	5
Shop	1	Shop	1	Shop	1
English Composition	3	English Composition	3	English Composition	3
Physical Education	1	Physical Education	1	Physical Education	1
Christian Education	3	Engineering Problems	3		
	18		18		15

## ENGINEERING

### 3. ENGINEERING DRAWING

*Three hours first quarter*

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

## SOCIAL SCIENCES

### 4. DESCRIPTIVE GEOMETRY *Three hours second quarter*

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

### 5. PLANE SURVEYING *Five hours third quarter*

Study of methods in field and office, use and care of instruments, simple surveying problems including traverses, levels, meridian determinations, latitudes and dysartures, elementary topographic surveying. Prerequisites: Math. 11-12 and Engineering 3. Required of all pre-engineering students. Laboratory fee of \$4.00.

### 6. ENGINEERING PROBLEMS *Three hours first quarter*

A study of statics and dynamics with a liberal application of graphic methods of solving mechanical problems.

### 7-8-9. SHOP *One hour each quarter*

Lathe and shop tools, glass blowing, instrument building and callibrating. Laboratory fee of \$4.00 each quarter.

## DIVISION OF SOCIAL SCIENCES

Department of Economics and Business Administration

Department of Education, Psychology and Philosophy

Department of History and Political Science

Department of Physical Education and Hygiene

Department of Sociology

## SOCIAL SCIENCE MAJOR

### \*Option I

Economics .....	18 quarter hours
History and political Science .....	18 quarter hours
Sociology .....	18 quarter hours
Total .....	54

### \*Option II

Twenty-three quarter hours in each of the two fields and eight quarter hours in the third.

\*Must include Fundamentals of Statistics. Majors in either option should consult with the professors of all three departments represented.

WHITWORTH COLLEGE

**BIBLE AND CHRISTIAN EDUCATION**

**Dr. Countermine**

**Miss Jenkins**

**Miss Baldwin**

**Mr. Maxson**

**\*Mr. Koehler**

**AIMS:**

1. To aid the student in understanding the Bible and its unfolding of God's redemptive plan.
2. To prepare the student for courageous Christian living based on convictions and knowledge.
3. To instruct and prepare students in the field of Christian service.
4. To meet requirements of the Board of Christian Education; namely, twelve hours of Bible instruction which may include three hours of Christian Education.

**REQUIREMENTS FOR GRADUATION:**

1. Twelve quarter hours are required for graduation.
2. Entering freshmen are required to take course 21 or 22 during their first year.
3. Six quarter hours must be completed at the end of the sophomore year.
4. Any change in these requirements can be made only after consultation with the Registrar's office.

**REQUIREMENTS FOR MAJORS AND MINORS**

**A major in Bible** consists of forty-five quarter hours. Course to be determined after consultation with the Head of the Bible Department. Minors in Bible or Christian Education require twenty-four quarter hours.

**A major in Christian Education** offers training for professional or non-professional service in Christian Education in Church, schools, and on the national or foreign mission fields.

A major consists of forty-five quarter hours including twenty-four quarter hours of "Christian Education" and twenty-one quarter hours of "Bible." The required courses in Christian Education are: 40, 61 or 62 or 63, 74, 76, 77 and 80; in Bible, 21, 30, 42 or 47, 60 and 87. Additional required courses are: Psychology 56 or 65; Music 1, 2, 3 and 9; one year of Literature; and Secretarial Science 4, 5, 6, and 7, 8, and 9 (or the equivalent to be determined by a proficiency test).

\*To become Head of the Department 1943-44.

## THE DEGREE MASTER OF ARTS IN CHRISTIAN EDUCATION

The degree Master of Arts in Christian Education is awarded to students completing a minimum of forty-five quarter hours of graduate work with a "B" grade or better. The required course consists of a major of twenty-seven quarter hours including an acceptable Thesis, with a minor of eighteen quarter hours, or two minors of nine hours each. Students who have not had under graduate work in this field must make up the under graduate deficiency. A reading knowledge of a foreign language is required.

### PART I, BIBLE

#### 21. SURVEY OF BIBLICAL LITERATURE

*Three hours first and second quarters*

A panoramic view of the entire Scriptures. Deals with origins, history, facts and figures, structure, purpose, and the message of this revelation of God and His Word.

#### 22. LIFE OF CHRIST ACCORDING TO MARK

*Three hours first and third quarters*

This study is based upon the Gospel of Mark, presenting Jesus Christ as the servant of God. The shortest Gospel, direct, full of power and action.

#### 30. OLD TESTAMENT HISTORY, 1.

*Three hours first quarter*

A systematic study of God's chosen people from the Garden of Eden to the Gates of the Promised Land, as given in the Pentateuch. It is basic to Biblical knowledge.

#### 31. OLD TESTAMENT HISTORY, 2.

*Three hours second quarter*

A continuation of course 30, dealing with the Children of Israel from their entrance into Canaan to their return from the Babylonian captivity, a period of nearly 1000 years. From Joshua to Esther.

#### 42. GOSPEL AND EPISTLES OF JOHN

*Three hours first quarter*

A study of Johannine literature which presents the evidence for the bases of our faith.

#### 47. NEW TESTAMENT LITERATURE (Luke and Acts)

*Three hours first quarter*

The presentation of Jesus Christ as the Son of man and the rise and growth of His church as presented by Luke the Physician.

#### 49. PRISON EPISTLES

*Three hours second quarter*

Four letters, Ephesians, Philippians, Colossians, and Philemon written by Paul while in prison in Rome. The student will be expected to master these letters and the historical circumstances surrounding them as well as their application to present day Christian living.

#### 50. THE EPISTLE TO THE HEBREWS

*Three hours third quarter*

The bridge between the Old and the New Testaments. Christ's complete superiority to all the provisions of the Old Testament shown. A study is made of teaching plans for the book. Prerequisite: course 30.

## WHITWORTH COLLEGE

- 54. NEW TESTAMENT LETTERS** *Three hours third quarter*  
A study of the following letters: Galatians, I and II Thessalonians, James, I and II Peter, and Jude. These letters serve as a guide to Christian living.
- 55. PAUL TO THE CORINTHIANS** *Three hours third quarter*  
The Church of Christ is the most significant and important society established among men. Its claim is of divine origin although the conduct of its members may not vindicate this. These two epistles aim to correct many of its mistakes.
- 56. PAUL TO THE ROMANS** *Three hours second quarter*  
Here is Paul's masterpiece: it stands at the head of his thirteen letters. "The only hope of Christianity is in the rehabilitating of the Pauline theology." This book is basic to a knowledge of Christianity and concerns questions of vital importance.
- 57. MINOR PROPHETS** *Three hours second quarter*  
An introduction to, and an analytical study of each of the twelve, beginning with Hosea and ending with Malachi; with the aim and purpose of learning the message of each, and its application to Christian living. Prerequisite: Course 30.  
(Given 1944-1945 and alternate years.)
- 58. HEBREW POETRY, 1, (Psalms)** *Three hours second quarter*  
We have here the epitome of the Bible. In many respects the Psalter stands alone, nothing like it in all literature. It truly magnifies God, and sets forth in greater range the person and work of the Messiah, from His advent to His ascension, as Redeemer.
- 59. HEBREW POETRY, 2, (Wisdom Literature)** *Three hours third quarter*  
Job, Proverbs, Ecclesiastes, and Song of Solomon may be called books of wisdom. The meaning of wisdom, as applied to these writings, is exactly what is intended today by the word philosophy. While preeminently religious, they are primarily philosophic.
- 60. TEACHINGS OF JESUS** *Three hours second quarter*  
This course is designed to answer the question, "What did Jesus actually say?" The study will fall into two parts: the "Sermon on the Mount" and the Parables of our Lord.
- 85. HEBREW PROPHECY, 1, (Isaiah)** *Three hours first quarter*  
At the head of the sixteen books of prophecy is Isaiah. It is even first of the major prophets. Its position is indicative of its importance in prophetic writings. It reveals the abiding throne of God and the principles of its activity in the affairs of men.  
(Given 1943-1944 and alternate years.)
- 86. HEBREW PROPHECY, 2, (Jeremiah)** *Three hours first quarter*  
"Jeremiah was Jehovah's spokesman in days of darkness and disaster." It is one of the most complex of all prophetic writings and yet so practical for this day and age. The matter is grouped under various subjects and lends itself to many applications.  
(Given 1944-1945 and alternate years.)
- 87. FUNDAMENTALS OF THE CHRISTIAN FAITH** *Three hours third quarter*  
A systematic study of what the Bible teaches about God, man, sin, salvation, etc.

## SOCIAL SCIENCES

### PART II, CHRISTIAN EDUCATION

Courses offered under this head may be called applied Christianity. They are preparatory for special service. The student should have had three hours of Bible before enrolling for any of these courses. It is also recommended that General Psychology be taken prior to the courses listed below.

#### 40. PRINCIPLES AND METHODS OF CHRISTIAN EDUCATION

*Three hours first quarter*

A study of the principles, objectives, and modern methods of this field of education. A general introduction to the entire subject of Christian Education.  
(Given 1944-1945 and alternate years.)

#### 61. CHRISTIAN EDUCATION OF CHILDREN

*Three hours third quarter*

The problems of childhood studied from the Christian point of view, with the methods and techniques needed to give proper guidance and instruction to them.  
(Given 1944-1945 and alternate years.)

#### 62. YOUTH AND THE CHURCH

*Three hours second quarter*

The interests, development, and religious needs of adolescents, and the program of the church which is essential to meet their needs.  
(Given 1943-1944 and alternate years.)

#### 63. CHRISTIAN EDUCATION OF ADULTS

*Three hours second quarter*

The need of adult education in our churches today is studied, with consideration of the problems, plans, and methods of carrying on this important place of Christian Education. z  
(Given 1944-1945 and alternate years.)

#### 71. ORGANIZATION AND ADMINISTRATION

*Three hours first quarter*

A study of the various programs for Christian Education, including the Sunday church school, vacation church school, young people's organizations, and general religious work. Individual projects will be developed, and clinical work promoted.  
(Given 1943-1944 and alternate years.)

#### 73. RELIGIONS OF AMERICA

*Three hours second quarter*

A two-fold purpose: first, to study the history of religious development in America, and second, to make a survey of modern religious movements, "ism" and "cults."  
(Given 1943-1944 and alternate years.)

#### 74. HISTORY OF CHRISTIAN MISSIONS *Three hours third quarter*

(Given 1943-1944 and alternate years.)

#### 76. GEOGRAPHY AND ARCHAEOLOGY *Three hours third quarter*

The first part of this course is devoted to Biblical geography and the rest to "The voice of the spade in Bible lands." Standard text books will be used in both subjects, together with maps, charts, slides, and diagrams. A knowledge of both parts of this course is essential to an understanding of Bible history.  
(Given 1943-1944 and alternate years.)

## WHITWORTH COLLEGE

### 77. PSYCHOLOGY OF RELIGION

*Three hours first quarter*

A systematic investigation of religion and the application of psychological phenomena to Christian experiences. Includes root and nature of religion, conversion, prayer, ect.

### 78. HISTORY OF THE CHRISTIAN CHURCH

*Three hours third quarter*

Tracing the life of the church from its New Testament origin to modern times. (Given 1944-1945 and alternate years.)

### 80. FIELD PROBLEMS IN CHRISTIAN EDUCATION

*Three hours second quarter*

A course specially designed for students who are planning to carry on active leadership in Christian education. A study will be made of specific problems in this field, and supervised work in the student's chosen field will be a requirement. A seminar course.

### 104. MODERN CHURCH HISTORY AND MISSIONS

*Three hours third quarter*

Protestantism in the nineteenth century; the reformed church in Germany, France, Holland, Waldensians in Italy; the broad church party of England; the Catholic Apostolic Church; Carey, Moffat, Livingstone, Bible Societies, Sunday Schools; the Colonial Era; National Era; the denominational "comity plan" on foreign mission fields. Open only to graduate students.

### 110. SEMINAR

*Two hours third quarter*

## ECONOMICS, BUSINESS ADMINISTRATION, AND SECRETARIAL SCIENCE

Mr. Dizmang

Miss Evans

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

A major in Economics consists of forty-five quarter hours, including courses 1, 2, 13, 51, 56, 64, 65, 68, and 92.

A major in Business Administration consists of forty-five quarter hours, including courses 1, 2, 15, 20, 21, 55, 64 and 68.

A major in Secretarial Sciences consists of Economics and Business Administration 1, 9, 15, 16, 20, 21, 23, 55 or 68 and 64, and Secretarial Science 1-2-3\*; 4-5-6; 7-8-9\*; 10-11-12; 20-21-22.

(NOTE: \*Courses can be waived if satisfactory preparation has been made in elementary typewriting and shorthand.)

## SOCIAL SCIENCES

A minor in either Economics or Business Administration consists of twenty-four hours. It should include courses 1 and 2 which are prerequisites for most of the advanced courses. It is recommended the remaining courses be selected after conference with the head of the department. A minor in Secretarial Science shall consist of twenty-four hours of work. These courses should be selected after conference with the head of the department.

In planning his schedule the student should bear in mind that some of the courses are given in alternate years.

See also, Art 60, Home Economics 52 and Math. 41.

Graduate and summer courses can usually be arranged to meet the individual needs of the students, either from listed courses or others.

## BUSINESS ADMINISTRATION

### FRESHMAN YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Principles of Economics ..... 5	Principles of Economics ..... 5	Introduction to Business ..... 5
English Composition ..... 3	English Composition ..... 3	English Composition ..... 3
Laboratory Science ..... 5	Laboratory Science ..... 5	Laboratory Science ..... 5
Physical Education ..... 1	Physical Education ..... 1	Christian Education ..... 3
*Typewriting ..... 1	*Typewriting ..... 1	*Typewriting ..... 1
Orientation ..... 1		
—	—	—
16	15	17

### SOPHOMORE YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Accounting ..... 5	Business English ..... 5	Christian Education ..... 3
General Psychology ..... 5	Accounting ..... 5	Business Mathematics ..... 5
Sociology ..... 5	Applied Psychology ..... 5	Business Law ..... 5
Physical Education ..... 1	Physical Education ..... 1	Public Speaking ..... 3
		Physical Education ..... 1
—	—	—
16	16	17

### JUNIOR YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Foreign Language ..... 4	Foreign Language ..... 4	Foreign Language ..... 4
Argumentation ..... 3	Philosophy ..... 5	Statistics ..... 5
Christian Education ..... 3	Electives ..... 6	Electives ..... 6
Electives ..... 4		
Physical Education ..... 1		
—	—	—
15	15	15

# WHITWORTH COLLEGE

## SENIOR YEAR

### FALL QUARTER

	Hours
Business Finance .....	5
Foreign Language .....	3
Marketing .....	5
Christian Education .....	3
	16

### WINTER QUARTER

	Hours
International Trade .....	3
Foreign Language .....	3
Insurance .....	3
Electives .....	3
History of Economic Thought .....	3
	15

### SPRING QUARTER

	Hours
Advanced Economic Theory .....	3
Foreign Language .....	3
Transportation .....	5
Electives .....	5
	16

\*This will be waived for students who demonstrate that they have a good mastery of the typewriter.

## ECONOMICS

### FRESHMAN YEAR

#### FALL QUARTER

	Hours
Principles of Economics .....	5
English Composition .....	3
Laboratory Science .....	5
Physical Education .....	1
Orientation .....	1
	17

#### WINTER QUARTER

	Hours
Principles of Economics .....	5
English Composition .....	3
Laboratory Science .....	5
Physical Education .....	1
Electives .....	2
	17

#### SPRING QUARTER

	Hours
Introduction to Business .....	5
English Composition .....	3
Laboratory Science .....	5
Physical Education .....	1
Christian Education .....	3
	17

### SOPHOMORE YEAR

#### FALL QUARTER

	Hours
Economic Geography .....	5
Foreign Language .....	4
General Psychology .....	5
Physical Education .....	1
Elective .....	1
	16

#### WINTER QUARTER

	Hours
Economic History of U. S. ....	5
Foreign Language .....	4
Applied Psychology .....	5
Physical Education .....	1
Elective .....	1
	16

#### SPRING QUARTER

	Hours
Christian Education .....	3
Foreign Language .....	4
Public Speaking .....	3
Physical Education .....	1
Electives .....	5
	16

### JUNIOR YEAR

#### FALL QUARTER

	Hours
Foreign Language .....	3
Christian Education .....	3
Marketing .....	5
Sociology .....	5
	16

#### WINTER QUARTER

	Hours
Foreign Language .....	3
Money and Banking .....	5
Political Science .....	5
Electives .....	3
	16

#### SPRING QUARTER

	Hours
Foreign Language .....	3
Statistics .....	5
Political Science .....	5
Electives .....	3
	16

## SOCIAL SCIENCES

### SENIOR YEAR

#### FALL QUARTER

	Hours
Business Finance .....	5
Christian Education .....	3
Electives .....	7
	15

#### WINTER QUARTER

	Hours
Advanced History of Ec. Tht. ....	3
Philosophy .....	5
Electives .....	7
	15

#### SPRING QUARTER

	Hours
Adv. Economic Theory....	3
Electives .....	12
	15

## SECRETARIAL SCIENCE

### FRESHMAN YEAR

#### FALL QUARTER

	Hours
English Composition .....	3
Typing .....	1
Shorthand .....	3
Physical Education .....	1
Accounting .....	5
Personal Hygiene .....	2
Orientation .....	1
	16

#### WINTER QUARTER

	Hours
English Composition .....	3
Typing .....	1
Shorthand .....	3
Physical Education .....	1
Accounting .....	5
Electives .....	2
	15

#### SPRING QUARTER

	Hours
English Composition .....	3
Typing .....	1
Shorthand .....	3
Physical Education .....	1
Secretarial Training .....	3
Christian Education .....	3
Electives .....	2
	16

### SOPHOMORE YEAR

#### FALL QUARTER

	Hours
Principles of Economics..	5
Shorthand .....	3
Typing .....	1
General Psychology .....	5
Physical Education .....	1
	15

#### WINTER QUARTER

	Hours
Business English .....	5
Shorthand .....	3
Typing .....	1
Christian Education .....	3
Physical Education .....	1
Electives .....	2
	15

#### SPRING QUARTER

	Hours
Business Law .....	5
Shorthand .....	3
Typing .....	1
Introduction to Business .....	5
Physical Education .....	1
	15

### JUNIOR YEAR

#### FALL QUARTER

	Hours
Laboratory Science .....	5
Foreign Language .....	4
Introduction to Soc.....	5
Electives .....	2
	16

#### WINTER QUARTER

	Hours
Laboratory Science .....	5
Foreign Language .....	4
Christian Education .....	3
Electives .....	3
	15

#### SPRING QUARTER

	Hours
Laboratory Science .....	5
Foreign Language .....	4
Business Mathematics .....	5
Machines .....	2
	16

## WHITWORTH COLLEGE

### SENIOR YEAR

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Business Finance or Marketing ..... 5	Christian Education ..... 3	Statistics ..... 5
Foreign Language ..... 3	Secretarial Sc. Methods.. 3	Philosophy ..... 5
Electives ..... 8	Foreign Language ..... 3	Foreign Language ..... 3
16	Electives ..... 7	Electives ..... 2
	16	15

### ONE YEAR COURSE

FALL QUARTER	WINTER QUARTER	SPRING QUARTER
Hours	Hours	Hours
Typing ..... 1	Typing ..... 1	Typing ..... 1
Shorthand ..... 3	Shorthand ..... 3	Shorthand ..... 3
English Composition ..... 3	Business English ..... 5	Introduction to Business ..... 5
Accounting ..... 5	Accounting ..... 5	Secretarial Training ..... 3
Physical Education ..... 1	Physical Education ..... 1	Physical Education ..... 1
Christian Education ..... 3		Electives ..... 3
16	15	16

Note: A one year certificate requires the above course maintained at an average of "C." Typing speed forty-five words per minute; shorthand speed one hundred words per minute. Must pass a five-minute Gregg one hundred word test.

## PRE-LAW COURSE

A combination six-year liberal arts and law course leading to 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.

## SOCIAL SCIENCES

### FRESHMAN YEAR

#### FALL QUARTER

	Hours
Principles of Economics..	5
Laboratory Science .....	5
English Composition .....	3
Physical Education .....	1
Orientation .....	1
	<hr/>
	15

#### WINTER QUARTER

	Hours
Principles of Economics..	5
Laboratory Science .....	5
English Composition .....	3
Physical Education .....	1
Electives .....	2
	<hr/>
	16

#### SPRING QUARTER

	Hours
Introduction to	
Business .....	5
Laboratory Science .....	5
English Composition .....	3
Physical Education .....	1
Christian Education .....	3
	<hr/>
	17

### SOPHOMORE YEAR

#### FALL QUARTER

	Hours
Economic Geography .....	5
Accounting .....	5
General Psychology .....	5
Physical Education .....	1
	<hr/>
	16

#### WINTER QUARTER

	Hours
Economic History	
of U. S. ....	5
Accounting .....	5
European History .....	5
Physical Education .....	1
	<hr/>
	16

#### SPRING QUARTER

	Hours
Public Speaking .....	3
Christian Education .....	3
European History .....	5
Physical Education .....	1
Sociology .....	4
	<hr/>
	16

### JUNIOR YEAR

#### FALL QUARTER

	Hours
Business Finance .....	5
Foreign Language .....	4
Marketing .....	5
Electives .....	2
	<hr/>
	16

#### WINTER QUARTER

	Hours
Money and Banking .....	5
Foreign Language .....	4
Political Science .....	5
Electives .....	2
	<hr/>
	16

#### SPRING QUARTER

	Hours
Public Finance .....	5
Foreign Language .....	4
Christian Education .....	3
Philosophy .....	5
	<hr/>
	17

## 1-2. PRINCIPLES OF ECONOMICS

### *Five hours first and second quarters*

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

## 9. INTRODUCTION TO BUSINESS

### *Five hours third quarter*

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

## WHITWORTH COLLEGE

### 13. WORLD RESOURCES, ECONOMIC GEOGRAPHY

*Five hours first quarter*

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

### 15. BUSINESS LAW

*Five hours third quarter*

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

### 16. BUSINESS ENGLISH

*Five hours second quarter*

Prerequisite: English 1-2, or consent of instructor. Business letters in their various forms; business abstracts and summaries. Offered primarily for students in economics, business administration, and secretarial science.

### 20-21. ACCOUNTING

*Five hours first and second quarters*

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

### 22. COST ACCOUNTING

*Five hours third quarter*

Prerequisite: 20-21. Source of cost data; analysis, classification, and distribution of expenses; and the linking up of this data with the general accounting records.

### 23. BUSINESS MATHEMATICS

*Five hours third quarter*

Review of arithmetic, progresions, binominal theorem, logarithms, linear equations and graphs. Simple and compound interest, discount; partial payments and simple annuities.

(Given 1943-1944 and alternate years.)

### 51. ECONOMIC HISTORY OF THE UNITED STATES

*Five hours second quarter*

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

### 52. LABOR PROBLEMS

*Five hours first quarter*

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

(Given 1943-1944 and alternate years.)

## SOCIAL SCIENCES

- 54. INSURANCE (Risk and Risk Bearing)** *Three hours second quarter*  
The principles and practices of insurance, fire, marine, and other types of property insurance; some attention on hedging, contracting out and other methods of handling risks.
- 55. BUSINESS FINANCE** *Five hours first quarter*  
A study of the financing problems of modern business in the promotion, operation, reconstruction, and consolidation of enterprises. Attention is given to the social questions involved. Prerequisite: Economics 1-2 and 20-21.
- 56. MONEY AND BANKING** *Five hours second quarter*  
The topics treated in this course include: The nature, functions, and regulation of money and credit; foreign exchange; the nature, function, and regulation of banks and other financial institutions; the Federal Reserve System; and the agricultural credit agencies in the United States. Recent monetary, banking and credit legislation is covered. Prerequisite: Economics 1-2.  
(Given 1943-1944 and alternate years.)
- 57. BUSINESS CONDITIONS** *Three hours second quarter*  
Attention to regional and national business conditions. Some analysis of the courses for charge and particularly to the business cycles. Should be preceded by Economics 56 and 64.
- 61. PUBLIC FINANCE** *Three hours third quarter*  
An examination of the theories and facts relating to the finances of local, state, and national governments, with special reference to the United States. Public revenues from taxation, government-operated enterprises, and other sources, public expenditures; and public debts form most of the material of the course. Some time will be devoted to the present financial position and problems of the City and County of Spokane, the State of Washington, and the United States. It is recommended that courses 1 and 2 precede this course.
- 62. TRANSPORTATION** *Five hours third quarter*  
A general survey of the growth and present status of transportation facilities; the effects of improved transportation upon industrial society; routes connecting producing and consuming territories; competition and discrimination of carriers; the problem of valuation and rate-making; regulatory legislation, and its results; the period of Federal railroad operation in the United States; and operation problems and policies of transportation agencies.
- 64. STATISTICS** *Five hours spring quarter*  
Statistical methods and their application to economic and social problems, emphasis being placed on the use and interpretation of statistical results.  
(Given 1944-1945 and alternate years.)
- 65. ADVANCED ECONOMICS—HISTORY OF ECONOMIC THOUGHT** *Three hours second quarter*  
A study of the development of economic theory from the earliest times to the present. The approach is largely theoretical. Consideration will be given to the validity of the ideas of the various schools of economic thought in the light of the conditions prevailing at the time those theories were developed, as well as to the effect of those theories upon our present-day economic thought. Prerequisite: Economics 1-2.  
(Given 1943-1944 and alternate years.)
- 67. WAR ECONOMICS** *Three to five hours summer quarter*  
Designed especially for teachers and others interested in the present world conflict.

## WHITWORTH COLLEGE

### 68. MARKETING

*Five hours first quarter*

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

(Given 1943-1944 and alternate years.)

### 69. SALESMANSHIP

*Three hours second quarter*

Prerequisite: 68. Principles of salesmanship organization, training and management of sales force, sales quotas.

(Given 1943-1944 and alternate years.)

### 70. ADVERTISING

*Three hours third quarter*

Prerequisite: 68. Advertising principles and practices; mediums, campaigns; the place of advertising in modern business.

(Given 1943-1944 and alternate years.)

### 78. FOREIGN TRADE

*Three hours second quarter*

Prerequisite: 13 and 68. The development of world trade; theories, principal materials, trends.

### 90. TOMORROW IN THE MAKING

*Two to four hours summer quarter*

An orientation course in the social sciences with the major emphasis on economic problems and their inter-relationship with the other social sciences in planning for the future. This course can be arranged so as to give two, three, or four hours of credit.

### 91-110. ECONOMICS AND BUSINESS

Research. Individual study. Hours to be arranged.

### 92. ADVANCED ECONOMIC THEORY

*Three hours third quarter*

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

## SECRETARIAL SCIENCE

Miss Evans

### 1-2-3. TYPEWRITING

*One hour each quarter*

Five class periods per week. Fundamentals of typewriting, including technique of stroking, rhythm, accuracy, arrangement of work, acquaintance with the various parts of the typewriter and how to use them.

### 4-5-6. ADVANCED TYPEWRITING

*One hour each quarter*

Four class periods per week. Continuation of 1-2 and 3.

### 7-8-9. SHORTHAND

*Three hours each quarter*

Four class periods per week. Recommended secretarial science 1 or its equivalent. Reading, dictation, transcription, and speed is emphasized.

### 10-11-12. ADVANCED SHORTHAND

*Three hours each quarter*

Four class periods per week. Continuation of Secretarial Science 7-8 and 9.

## SOCIAL SCIENCES

### 20-21-22. SECRETARIAL WORK

*Two hours first and second quarter, three hours third quarter*

Prerequisite: Knowledge of shorthand and typewriting, office dictation, filing, indexing, proof reading, handling mail, office appointments and machines; modern office methods, duties of stenographic and allied departments; secretarial ethics, etc.

### 23. BUSINESS MACHINES

*Three hours third quarter*

A laboratory course dealing with the various types of office machines, such as adding machine, calculator, etc.

(Given 1943-1944 and alternate years.)

### 24. TYPING FOR PERSONAL USE

*One hour each quarter*

Open to students (not secretarial majors) who understand the fundamentals of typewriting, but desire a review of the keyboard, correct business letter forms and manuscript writing.

### 70. METHODS OF TEACHING SECRETARIAL SUBJECTS

*Three hours second quarter*

Prerequisites: Typing 1-2-3; Shorthand 7-8-9; Accounting 20, or their equivalents. (Given 1943-1944 and alternate years.)

## EDUCATION

Dr. Munn

Dr. Hardwick

Dr. Schlauch

A major in Education consists of at least forty-five quarter hours; a minor, at least twenty-four hours. Psychology 21 does not count on a major or minor. Required courses for a major are: 52, 64, 56, 57, 61, 62, 63, 65, and 68. Required courses for a minor are: 51, 56, 62, and 65.

## REQUIREMENTS FOR TEACHING CERTIFICATION

### Three-Year Secondary Certificates

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

1. A total of forty-five quarter hours beyond the baccalaureate degree.
2. If not already completed in undergraduate work the following courses in education must be included: Educational psychology, general methods, special methods, secondary education, cadet teaching. A total of twenty-four quarter hours in education is required.
3. State manual must be taken either as a course in summer school or by examination. In which case a grade of 85 must be obtained, and cannot count toward requirements 1 and 2.
4. The applicant must have completed one teaching major of at least thirty-six quarter hours and two teaching minors of eighteen quarter hours. The majors and minors must be in distinct teaching fields and in subjects regularly offered in the secondary schools of Washington.

## WHITWORTH COLLEGE

5. The applicant must have completed fifteen quarter hours of contemporary social problems. Such courses as: sociology, current history, economics, and political science will satisfy this requirement.

6. Grade average in major and minor field must be C or above.

7. Course in Washington History and Geography is required.

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

### 21. GENERAL PSYCHOLOGY

*Five hours first quarter*

(See course write-up under Psychology. This course is required but does not count towards a major or minor in Education or Psychology.)

### 25. INTRODUCTION TO EDUCATION

*Two hours first quarter*

A course designed to acquaint students with the field of education by giving them a view of its aims and organization. Presents the opportunities and requirements of teaching with a view of helping them make a choice of their educational work.

### 51. HISTORY OF EDUCATION

*Three hours first quarter*

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

(Given 1943-1944 and alternate years.)

### 52. SECONDARY EDUCATION

*Five hours second quarter*

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

### 53. THE JUNIOR HIGH SCHOOL

*Five hours summer quarter*

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

### 55. STATE MANUAL

*Three hours third quarter*

A study of the Washington State Manual, supplemented by lecture and discussion of a general field of secondary education in the State of Washington. Required for secondary certification.

### 56. EDUCATIONAL PSYCHOLOGY

*Five hours third quarter*

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.

## SOCIAL SCIENCES

### 57. EDUCATIONAL AND VOCATIONAL GUIDANCE

*Three hours first quarter*

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

(Given 1944-1945 and alternate years.)

### 59. SCHOOL ADMINISTRATION

*Three hours second quarter*

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

(Given 1944-1945 and alternate years)

### 61. TESTS AND MEASUREMENTS

*Three hours second quarter*

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

(Given 1943-1944 and alternate years.)

### 62. GENERAL METHODS

*Three hours first quarter*

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

### 63. SPECIAL METHODS IN SECONDARY EDUCATION

*Three hours second quarter*

A study of the Morrison, Miller, Winnetka, and other methods. A study of technique in subject matter and bibliography will be made in cooperation with the major and minor departments reported by the students enrolled. The students will be required to make a study of methods used in their respective departments in the high schools of Spokane. Observation and reports will be required.

### 64. FUNDAMENTALS OF STATISTICS

*Five hours third quarter*

Requirement for all Education and Psychology majors. See Economics 64 for course description.

### 65. CHILD STUDY AND ADOLESCENCE

*Five hours first quarter*

For course description see Psychology.

(Given 1943-1944 and alternate years.)

### 66. EDUCATIONAL SOCIOLOGY

*Five hours third quarter*

The function of education in society, the nature and function of the school, the curriculum, the social objectives of education, democracy and education, vocational guidance, other social agencies besides the school, social control, and education.

(Given 1943-1944 and alternate years, Summer quarter.)

### 70. CADET TEACHING

*Six hours third quarter*

Nine weeks of daily observation and teaching of high school classes in the high schools of Spokane. Supervision by the regular high school teachers to whom the cadet is assigned. A one-hour conference period weekly is required of the class, and individual conferences are required at the appointed times. Open to seniors and graduate students with approved teaching major and minor fields. Required for secondary certification.

## WHITWORTH COLLEGE

### 80. PHILOSOPHY OF EDUCATION *Five hours third quarter*

Prerequisite: Junior standing. Leading philosophies, concepts of the individual and society, civilization and the place of education in a democracy will receive major emphasis.

(Given 1943-1944 and alternate years.)

## DEPARTMENT OF HISTORY

Dr. Bowersox

A major in History consists of at least 45 hours of work in that subject. Economics 51 may be counted toward a major in History. A minor in History consists of 24 hours.

### I-2-3. EUROPEAN HISTORY

*Three hours first and second quarter and five hours third quarter*

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 course will include the study of the Mediaeval Church, feudalism, the rise of capitalism, the Renaissance, the Reformation, the Age of Louis XIV, 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. POLITICAL GEOGRAPHY *Three hours second quarter*

The influence of geographical features on contemporary history.

(Given 1944-1945 and alternate years.)

### 15-16. HISTORY OF THE UNITED STATES

*Five hours second and third quarters*

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.

### 25-26. ENGLISH HISTORY *Three hours first and second quarters*

A survey course in English history from early Britain through the World War. The needs of pre-law students and English major 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 1943-1944 and alternate years.)

### 27. HISTORY OF THE AMERICAS *Three hours first quarter*

A brief survey course of the American nations, emphasizing their relationships to each other.

(Given 1944-1945 and alternate years.)

### 28. THE FAR EAST *Three hours second quarter*

A survey course in the recent history of the Orient.

(Given 1944-1945 and alternate years.)

## SOCIAL SCIENCES

### 56. HISTORY OF THE FOREIGN RELATIONS OF THE UNITED STATES

*Five hours first quarter*

(Given 1944-1945 and alternate years.)

### 77. THE AMERICAN FRONTIER

*Two hours first quarter*

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 1943-1944 and alternate years.)

### 80. WASHINGTON HISTORY AND GOVERNMENT

*Three hours third quarter*

A required course for students working toward their teacher's certificate in Washington.

### 90-110 INDIVIDUAL STUDY

## DEPARTMENT OF PHILOSOPHY

Dr. Hardwick

### 50. LOGIC

*Three hours third quarter*

A survey of the process of reflection, the scientific method, the nature of formal reasoning and the criteria of correct thinking.

### 51. INTRODUCTION TO PHILOSOPHY

*Three hours first quarter*

An introduction to the method of critical thinking. Some of the main problems in epistemology will be indicated and their answers considered.

(Given 1944-1945 and alternate years.)

### 52. ETHICS

*Three hours first quarter*

A study of the ethical principles governing human conduct. Consideration of the theories of ethical values. Suggested solutions to contemporary personal and social problems.

(Given 1943-1944 and alternate years.)

### 53. HISTORY OF PHILOSOPHY

*Three hours second quarter*

A survey of the major philosophical systems in their historical development. The course will include (1) ancient philosophy: Ionians, Eleatics, Pythagoreans, Atomists; Plato; Aristotle; Stoics and Epicureans. (2) Modern philosophy: Descartes, Spinoza, Leibniz; Locke, Berkeley, Hume; Kant and German Idealism.

(Given 1943-1944 and alternate years.)

## PHYSICAL EDUCATION

Mr. Prindle

The department of physical education strives to give well-rounded instruction to each individual.

All students are required to take six hours of physical education (gym or its equivalent) before being allowed to graduate. If the individual has the ability and desires to participate in intercollegiate competition on a varsity

## WHITWORTH COLLEGE

team, he will receive one hour's credit for each season he plays on a varsity squad.

Each student is required to have a physical examination at the opening of the college year. All women are required to take the course in Personal Hygiene in addition to the required six hours of physical education. Each woman is expected to wear the regulation costume which may be purchased at the college.

### I. Courses For Men

#### 1-2-3. PHYSICAL EDUCATION, FRESHMAN GYM

*One hour each quarter*

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

#### 4-5-6. PHYSICAL EDUCATION, SOPHOMORE GYM

*One hour each quarter*

A continuation of the work 1-2 and 3. Classes meet twice each week.

#### 7. \*FOOTBALL

*One hour first quarter*

#### 8. BASKETBALL

*One hour second quarter*

#### 9. TENNIS

*One hour third quarter*

#### 11-12-13. THEORY OF COACHING

*Two hours each quarter*

This course is designed to supply young men who are expecting to become coaches with a knowledge of the method of teaching the fundamental techniques, rules, and principles of football, basketball, baseball, and track.

#### 15. HYGIENE

*Two hours first quarter*

### II. Courses For Both Men and Women

#### 30. ATHELETIC INJURIES

*Two hours first quarter*

A study of the types, causes, and care given to injuries incurred while participating in sports.

#### 50. RECREATIONAL LEADERSHIP

*Two hours second quarter*

The purpose of this course is to acquaint students with a number of enjoyable games which do not require high organization to make them playable.

#### 60. HISTORY OF PHYSICAL EDUCATION

*Two hours third quarter*

A brief history of physical education which shows the trends in body training from ancient time to present day methods.

### III. Courses For Women

A minor in Physical Education for Women may be taken at Whitworth College. The following courses are required: Four hours from the following 24, 25, 26 or 28; and 10, 30, 50, 60, 64, 66, and Psychology 65 (Adolescent).

\* Suspended for duration.

## SOCIAL SCIENCES

- 1-2-3. FRESHMAN-SOPHOMORE GYM *One hour each quarter*
10. PERSONAL HYGIENE *Two hours first quarter*  
The course is required of all women before graduating. A lecture course covering practical problems of health. Special emphasis is placed on the checking of individual health accounts. Meets twice a week.
22. TENNIS *First and second quarters*
- 24-25-26. SPORTS *One hour each quarter*  
Study and development of games and sports in season. Two periods per week.
- 27-28-29. FOLK GAMES *One hour each quarter*  
The work is given over to emphasis on folk games adaptable to large and small groups.
64. CLUB LEADERSHIP *Two hours second quarter*  
A study of leadership methods in the organizations which are designed particularly as character-building agents for the adolescent.
66. TECHNIQUE OF SPORTS AND GYMNASTICS *Two hours third quarter*  
An intensive study of principal activities suited to high school girls.

## POLITICAL SCIENCE

Dr. Bowersox

- 11-12-13. INTRODUCTION TO POLITICAL SCIENCE *Three hours each quarter*  
Forms and functions of the modern governments; political ideas and institutions, American and foreign.
28. CONTEMPORARY WORLD POLITICS *Three hours third quarter*  
Consideration of international organizations, the attempts to secure collective security, the recent development in Europe and the Far East.  
(Given 1943-1944 and alternate years.)
61. AMERICAN POLITICAL PARTIES *Two hours first quarter*  
A study of the conditions which brought our political parties into existence and a study of their organization and functions.  
(Given 1944-1945 and alternate years.)
62. AMERICAN DEMOCRACY *Three hours third quarter*  
A survey of political thought in the United States from colonial days to the present.  
(Given 1944-1945 and alternate years.)
- 63-64. HISTORY OF POLITICAL THOUGHT *Three hours first and second quarters*  
Major concepts of the political needs of man from Socrates to the beginning of the nineteenth century, with special emphasis on permanent elements in tradition.  
(Given 1943-1944 and alternate years.)

## WHITWORTH COLLEGE

### 65. PUBLIC OPINION

*Three hours third quarter*

Character and operation of beliefs formed by general discussion. Problems of propaganda, criticism, and education.  
(Given 1944-1945 and alternate years.)

### 69-70. INTERNATIONAL LAW

*Three hours second and third quarters*

A study of the rules and customs which govern the relations of the state.  
(Given 1943-1944 and alternate years.)

### 77. INTRODUCTION TO PUBLIC ADMINISTRATION

*Four hours first quarter*

A general survey of the field of public administration including relationship of administration to other agencies of government; the public service.  
(Given 1943-1944 and alternate years.)

### 78. PROBLEMS IN AMERICAN NATIONAL GOVERNMENT

*Three hours third quarter*

Significant national problems including presidential "dictatorship," bureaucracy, the lobby, congressional investigations, executive justice.  
(Given 1943-1944 and alternate years.)

### 101. INDIVIDUAL CONFERENCE AND RESEARCH

Students are allowed to follow their own particular interest in this field under guidance and will be held for a detailed report of their research. Credit given depends upon the amount of the investigation.

## PSYCHOLOGY

Dr. Hardwick

Dr. Munn

### 1. ORIENTATION

*One hour first quarter*

A course designed to aid freshmen to adjust to major problems of college life. The course begins with the college testing program at registration. This information together with the lectures and personal conferences are designed to provide guidance in the development of a well-balanced college program. Required of all entering freshmen.

### 21. GENERAL PSYCHOLOGY

*Five hours first quarter*

Psychological preview, the sense organs, the nervous system, the muscles and the glands. Emotions and emotional conflict, habits, attention and perception, memory and learning, thinking, intelligence, personality and its measurement, personality and social living.

### 30. APPLIED PSYCHOLOGY

*Five hours second quarter*

Human motivation, learning and memory, human efficiency, individual and sex differences, suggestion, psychology of personality, advertising, personnel administration, psychology of music and morale, psychology of speech, psychology of writing and art, psychiatry and mental hygiene, psychology and education, psychology and the professions.

## SOCIAL SCIENCES

32. **SOCIAL PSYCHOLOGY** *Four hours first quarter*  
For course description see Sociology 32.  
(Given 1943-1944 and alternate years.)
56. **EDUCATIONAL PSYCHOLOGY** *Five hours third quarter*  
Course description to be found under Education. Requirements for all Education and Psychology majors and minors and for teaching certificate.
60. **THE PSYCHOLOGY OF ABNORMAL PEOPLE** *Five hours third quarter*  
The aim of this course is to give a better understanding of normal people by trying to understand the nature and causes of breakdowns in character and personality. The following is a statement of the subjects considered: Causes of mental disorders, disturbances of sensation, perception and association; delusions, abnormalities of memory, emotional disturbances, motor disturbances, intelligence abnormalities, personality, suggestion, hypnosis, regression, psycho neuroses, compensation, episodic disorders, prophylactic measures, and mental therapy.  
(Given 1943-1944 and alternate years.)
64. **FUNDAMENTALS OF STATISTICS** *Five hours third quarter*  
For course description see Economics 64.
65. **CHILD STUDY AND ADOLESCENCE** *Five hours first quarter*  
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.  
(Given 1943-1944 and alternate years.)
68. **THE PSYCHOLOGY OF ADJUSTMENT** *Four hours second quarter*  
This course deals with the origins of behavior, the modification of behavior, motivation and adjustment, varieties of adjustive behavior, the organic factors of personality, the development of personality traits, guidance of readjustments, and the application of mental hygiene.  
(Given 1943-1944 and alternate years.)
74. **EXPERIMENTAL PSYCHOLOGY** *Four hours first quarter*  
This course consists of the study of some of the most important psychological experiments together with laboratory work: nature of psychological experiment; pseudo-psychologies, inheritance, maturation and growth; drives and motives; hypnoses and suggestibility; development of emotional behavior; adult emotion; perception, remembering, learning and reasoning; learning, thinking, imagining, dreaming and the brain; the development of intelligence testing; the meaning of intelligence test scores; and aptitude testing.  
(Given 1944-1945 and alternate years.)

## SOCIOLOGY

Dr. Schlauch

- I. **INTRODUCTION TO SOCIOLOGY** *Four hours first quarter*  
A survey of the fields of sociological study, culture and culture change, social groups and control processes. Study of personality development, races, social classes, and other functional social groups. Preliminary discussions of social institutions.

WHITWORTH COLLEGE

- 2. SOCIAL INSTITUTIONS** *Four hours second quarter*  
After studying the origins of institutions a study of their trends is undertaken, with emphasis on analysis of the family, the economic, political, educational, religious recreational and social welfare institutions, and an analysis of minor institutional forms.
- 9. HUMAN ECOLOGY** *Three hours third quarter*  
A study of the spatial relationships of men and institutions. Emphasis on the various types of communities and the problems of mobility and recent trends in spatial adjustment.
- 32. SOCIAL PSYCHOLOGY** *Four hours first quarter*  
The field of investigation, sometimes called social psychology, lies in the phenomena of mass or group reaction to stimuli or interstimulation. Source of public opinion, mass action, propaganda, etc., are investigated.  
(Given 1943-1944 and alternate years.)
- 35. CRIMINOLOGY** *Four hours third quarter*  
Analysis of contributing factors in criminality, economic, political, psychological, and other environmental and pathological factors. Analysis of the organs of delinquency. Study of programs of punishment, reform and rehabilitation.  
(Given 1943-1944 and alternate years.)
- 42. POPULATION** *Three hours third quarter*  
Study of population composition, quantitative and qualitative growth and trends, dispersion, present trends in growth and mobility. Influences determining population changes.  
(Given 1944-1945 and alternate years.)
- 55. SOCIAL THEORY** *Five hours second quarter*  
A comparative and critical study of the contributions of sociological thinkers from early times to modern. A study of the various schools of sociological thought, and an analysis of recent trends in sociological thought.  
(Given 1943-1944 and alternate years.)
- 56. THE FAMILY** *Five hours second quarter*  
A study of the family as a social institution, an evaluation of the historical, economic, social and psychological approaches to family functioning. A consideration of factors in marital adjustment and parent-child interaction.  
(Given 1944-1945 and alternate years.)
- 58. RURAL SOCIOLOGY** *Three hours first quarter*  
A study of the structure and institutions of the rural community, a consideration of the broader social and economic problems of the rural areas of the country, and a community organizational approach to rural community functioning.  
(Given 1944-1945 and alternate years.)
- 65. PUBLIC OPINION** *Three hours third quarter*  
Character and operation of beliefs formed by general discussion. Problems of propaganda, criticism, and education.  
(Given 1944-1945 and alternate years.)

## SOCIAL SCIENCES

### 67. PRINCIPLES OF SOCIAL WORK *Three hours first quarter*

A careful study of the basic principles and practices in modern case work and community organization. Study of the present governmental relief and social work agencies, and understanding of the role and functions of social workers and administrators. (Given 1944-1945 and alternate years.)

### 101. INDIVIDUAL CONFERENCE AND RESEARCH

Students are allowed to follow their own particular interest in this field under guidance and will be held for a detailed report on their research. Credit given depends upon the amount of investigation.

## WHITWORTH COLLEGE

### TOTAL STUDENT ENROLLMENT BY CLASSES

1942-1943

#### *Seniors*

Baldwin, Ruth—Social Science .....	Spokane
Blanford, Carl—Social Science .....	Post Falls, Idaho
Bovee, Jane—Social Science .....	Seattle
Bramblét, Lyle—Christian Education .....	Deary, Idaho
Brault, Audrey—Home Economics .....	Hoquiam
Brown, Ruth—Nursing Science .....	Clarkston
Byquist, Richard—Economics .....	Spokane
Carlson, Helan—Home Economics .....	Spokane
Dean, Gerald—Pre-Medics .....	Spokane
Dugan, Mary Elaine—Home Economics .....	Tacoma
*Forkner, Vernon—English .....	Spokane
*Gothberg, Loren—Biology .....	Yakima
Hansen, Charlotte—Home Economics .....	Waterville
Hodge, Virginia—Social Science .....	Vancouver
Holder, Louise—Business Administration .....	Spokane
Johnson, Robert—Social Science .....	Spokane
Kroll, Albert—Pre-Medics .....	Spokane
*McIntruff, Donald—Economics .....	Spokane
Messex, Lewis—Social Science .....	Spokane
Moos, Marvin—Economics .....	Sprague
Morton, Esther—English .....	Craigmont, Idaho
Peterson, Lenore Trevitt—English .....	Republic
Ruby, Robert—Pre-Medics .....	Mabton
*Savage, Robert—Social Science .....	Spokane
Skeels, Margaret—Home Economics .....	Colville
Smith, Sam—Music .....	Chewelah
Walther, Paul—Economics .....	Spokane

#### *Juniors*

Ausink, Muriel .....	Yakima
Beggs, Dorothy .....	Seattle
Cox, Donald .....	Spokane
Ghormley, Helen .....	Yakima
Grams, Paul .....	Spokane
Hanson, Melvin .....	Spokane
Hook, Eleanor .....	Spokane
Huntley, Ruth .....	Spokane
Jones, Ellen .....	Springdale
Kitt, Lorraine .....	Creston
Kumakura, June .....	Seattle
*Landrus, Wilfred .....	Blanchard, Idaho
Merkel, Paul .....	Sprague
Monette, Kenneth .....	Spokane
Ouchi, Margaret .....	Seattle
Reynolds, Florence .....	Tacoma
Saito, Tetsuo .....	Portland, Oregon
*Schwab, Richard .....	Corvallis, Montana
Scott, Everett .....	Eureka, Montana
Starrett, Jack .....	Seattle

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## WHITWORTH COLLEGE

Thorndike, David .....	Monument, Oregon
Tracy, Dora .....	Denver, Colorado
Welch, John .....	Spokane
Wood, Donald .....	Spokane
Wood, Merle .....	Orondo

### *Sophomores*

Arnquist, Betty .....	Spokane
Baldwin, Helen .....	Washougal
Boggs, Virginia .....	White Salmon
Bourland, Jeanne .....	Tacoma
Brask, Robert .....	Spokane
Brown, Albert .....	Corvallis, Montana
Burgess, Frank .....	Seattle
Burkland Mary .....	Seattle
Collins, Jim .....	Bridgeport
*Davis, Maurice .....	Sprague
Deckert, Edna .....	Onalaska
Douglas, Betty Ann .....	Ephrata
Edwards, Robert .....	Spokane
Finlayson, Bruce .....	Anacortes
Frost, John .....	Spokane
Gardner, Carol .....	Tacoma
Ghastin, Bernice .....	Sextonville, Wisconsin
Green, Yvonne .....	Spokane
Gregg, Vincent .....	Spokane
Groves, Amon .....	Spokane
Gwinn, Stanley .....	Seattle
Henricksen, John .....	Spokane
*Holmes, David .....	Tonasket
Horikawa, Hideko .....	Spokane
Huffman, Virginia .....	Seattle
Johnson, Marjorie .....	Kellogg, Idaho
Johnson, Rosemary .....	Spokane
Jones, Tom .....	Spokane
Judd, Bobbee .....	Spokane
Klebe, Louise .....	Seattle
Klein, Marjorie .....	Sprague
Knautz, Eugene .....	Spokane
Lantz, Don .....	Spokane
*Lee, Robert .....	Missoula, Montana
Leisher, Quentin .....	Spokane
Lewis, Olive .....	Spokane
Lobdell, Gwendolen .....	Tacoma
McConnell, Louis .....	Rathdrum, Idaho
McGrath, Bob .....	Seattle
McHenry, Mary Louise .....	Spokane
McKay, Estel .....	Okanogan
McNeeley, Isabel .....	Yakima
Mise, Isabel .....	Spokane
Nishimoto, Tomiye .....	Seattle
Parker, Marcia .....	Bigfork, Montana
Perringer, Roy .....	Belmont
Peterson, James .....	Clarkston
*Philo, Merlyn .....	Spokane

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## WHITWORTH COLLEGE

*Riley, Rolla .....	Yakima
Rodkey, George .....	Post Falls, Idaho
*Roestel, Ray .....	Spokane
Ruby, Marian .....	Yakima
Rydholm, Edith .....	Spokane
Sanborn, Kay .....	Yakima
Schlauch, Bill .....	Spokane
Schmidt, Selma .....	Ritzville
Steele, Donald .....	Hamilton, Montana
Stevens, Francis (Deceased) .....	Spokane
Stokes, Lillian .....	Spokane
Stueckle, Ruth .....	La Crosse
Takahashi, Geraldine .....	Seattle
Van Leuvan, George .....	Mead
Warren, Joyce .....	Spokane
Whipple, Elizabeth .....	Seattle
Wood, Carol .....	Yakima
Wright, William .....	Spokane
Yamada, Seiichi .....	Spokane

### *Freshmen*

Aldrich, Jean .....	Deer Park
Anderson, William .....	Seattle
Bailey, Burton .....	Spokane
Barnes, Ruth .....	Elk Grove, California
Beck, Doris .....	Spokane
Blevins, Marvin .....	Deer Park
*Blodgett, Robert .....	Hamilton, Montana
Bovee, Helen .....	Seattle
Bowen (Iverson), Colleen .....	Spokane
*Brincken, Glenn .....	Spokane
Brown, Esther .....	Clarkston
Budd, Betty .....	Kelso
*Burkhardt, Alvin .....	Spokane
Bye, John .....	Spokane
Clark, Everett .....	Spokane
Coates, Homer .....	Spokane
Cochran, Lois .....	Oregon City, Oregon
Cochran, Nancy .....	Oregon City, Oregon
Collins, Grover .....	Bridgeport
Couch, Jane .....	Wenatchee
Davis, Jacqueline .....	Spokane
Deering, Evelyn .....	Spokane
Dizney, Barbara .....	Spokane
Eckley, Edwin .....	Spokane
Falk, Geraldine .....	St. John
*Forland, Lawrence .....	Seattle
Franz, Alvin .....	Marlin
Fulkerson, Euell .....	Seattle
Gustafson, Don .....	Spokane
*Gwinn, Bennard .....	Seattle
Hagman, Albert .....	Spokane
Hammond, Shirley .....	Spokane
Hanson, Earl .....	Spokane
Hargett, Velma .....	Eugene, Oregon

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## WHITWORTH COLLEGE

Hartley, Helen .....	Walla Walla
Hathaway, Frances .....	Spokane
Heeter, Donald .....	Seattle
Henderson, Jeanne .....	Chelan
Henker, Donald .....	Spokane
Henricksen, Robert .....	Spokane
Holder, Laretta .....	Spokane
Holmes, Philip .....	Tonasket
Hoople, Irene .....	Davenport
Hosea, Betty .....	Spokane
Hull, Hubert .....	Yakima
Hunt, Virginia .....	Spokane
Ivanoff, Eugenia .....	Seattle
Jamieson, Helen Jo .....	Seattle
*Jenkins, Hobart .....	Spokane
Jensen, June .....	Spokane
Jones, Eldred .....	Spokane
Kaelin, Donald .....	Spokane
Klefstad, Ray .....	Spokane
Knautz, Mrs. Lyla .....	Spokane
Kodalen, Gene .....	Dodson, Montana
Ladd, Harry .....	Spokane
Lancaster, Don .....	Spokane
Lantz, Lorraine .....	Spokane
Lehrbas, Wanda .....	Spokane
Lyle, Lois .....	Davenport
May, Edna .....	Creston
McKay, Billie .....	Okanogan
Medley, Keith .....	Post Falls, Idaho
Meyer, Ruth .....	Orville
Munce, Dorothy .....	Two Dot, Montana
Nakamoto, Sadako .....	Spokane
Nance, Jean .....	Spokane
Okert, Paul .....	Spokane
Paeth, Robert .....	Vancouver
Paeth, William .....	Vancouver
Patten, Leslie .....	Spokane
Peterson, Janet .....	Sandpoint, Idaho
*Pontius, Lester .....	Spokane
Robinson, Douglas .....	Spokane
Robison, Phyllis .....	Seattle
*Rosenkranz, Russell .....	Yakima
Sandstrom, Glenn .....	Spokane
Schauble, Marjorie .....	St. John
Schirmer, Norma Kliewer .....	Newport
Sharp, Cora Addie .....	Spokane
Sharp, Georganne .....	Spokane
*Shreve Robert .....	Kelso
Specker, Della .....	Wenatchee
Strong, Jeannette .....	Seattle
Swanby, Ivan (Deceased) .....	Spokane
Swanson, Joel .....	Spokane
Thomason, Donald .....	Spokane
*Tomlinson, Jay .....	Spokane
*Vinther, Paul .....	Spokane
Wallace, Lee .....	Careywood, Idaho

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## WHITWORTH COLLEGE

Webster, John .....	Spokane
Williams, Dale .....	Smelterville, Idaho
Wimpy, Harold .....	Spokane
Yamamoto, Richard .....	Spokane
Yasaka, Fumi .....	Seattle
*Yates, Leslie .....	Spokane
Zutrau, Jean .....	San Francisco, Calif.

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### *Postgraduates*

Evans, Ernestine .....	Yakima
Johnson, Florence .....	Spokane
Joss, Margaret .....	Spokane
Miller, Barbara .....	Rosalia
Miller, Mrs. Edmund .....	Lind
Mitchell, Hazel .....	Spokane
Nozaki, Tamiko .....	Spokane
Schell, Elinor .....	Chatteroy
Williams, Martin .....	Centerville, Alabama

### *Nurses*

Best, Kathryn .....	Swedish Hospital, Seattle—Montesano
Blindauer, Marilyn .....	St. Luke's Hospital, Spokane—Hamilton, Montana
Bishop, Regina .....	St. Luke's Hospital, Spokane—Garfield
*Brown, Ruth .....	St. Luke's Hospital, Spokane—Clarkston
Wall, Marian .....	Swedish Hospital, Seattle—Manette

\* Duplicated in Senior List

### *Summer School 1942*

Acheson, Ellen .....	Yuma, Arizona
Anderson, Effie .....	Colbert
Baldwin, Mary .....	Stevensville, Montana
*Bovee, Jane .....	Seattle
Brugger, Margaret .....	Post Falls, Idaho
Clark, Buford .....	Cashmere
Clayton, Elsie .....	Noxon, Montana
*Couch, Jane .....	Wenatchee
Coyle, Betty .....	Walla Walla
Dochios, Vaselia .....	Rathdrum, Idaho
*Douglas, Betty Ann .....	Ephrata
Driessen, Geraldine .....	Chicago, Illinois
Elliott, Erma .....	Sunnyside
Farseje, Florence .....	Spokane
Foster, Mildred .....	Elk River, Idaho
Gibson, Margaret .....	Spokane
*Green, Yvonne .....	Spokane
Gunn, Mary Ellen .....	Spokane
Holtzclaw, Mrs. N. E. ....	Sapulpa, Oklahoma
Imler, Jean .....	Circleville, Ohio
James, Jacqueline .....	Spokane
*Jones, Eldred .....	Spokane
*Joss, Margaret .....	Spokane
Jurgensen, Christina .....	Wilbur

\* Duplicate of Regular College Year.

## WHITWORTH COLLEGE

Kellams, Virginia .....	Leavenworth
Kelley, Elizabeth .....	Helmville, Montana
Kincaid, Jean .....	Deer Park
Kippen, Lorine .....	Spokane
Kissinger, Leona .....	Viola, Idaho
*Leisher, Quentin .....	Spokane
*Lewis, Olive .....	Spokane
Longbottom, Eileen .....	Okanogan
Munn, Ila .....	Spokane
Noonan, Viola .....	Rockford
Norris, Betty .....	Butte, Montana
Perrenaud, Phyllis .....	Condon, Oregon
*Peterson, Lenore Trevitt .....	Republic
Ruby, Robert .....	Mabton
*Savage, Robert .....	Spokane
*Schall, Elinor .....	Chatteroy
Seike, Shizu .....	Seattle
*Sharp, Cora Addie .....	Spokane
*Smith, Sam .....	Chewelah
Stephens, Elsie .....	Berkeley, California
Stoltz, Ruth .....	Buckley
*Van Leuvan, George .....	Mead
Wagner, Ruth .....	Harrington
Wallace, Bonnie .....	Careywood, Idaho
*Woods, Don .....	Spokane
Woods, Winifred .....	Spangle

\* Duplicated in Regular College Year.

## WHITWORTH COLLEGE WAR TRAINING PROGRAM

JULY 1942 TO APRIL 1, 1943

*July Session, Army Enlisted Reserved, Elementary*

Applegate, Thomas .....	Spokane
Aukett, Daniel .....	Spokane
Bohn, Harold .....	Newman Lake
Brown, Walter .....	Spokane
Christensen, Ole .....	Spokane
Drollinger, Lynn .....	Spokane
Evans, Leonard .....	Spokane
Gentry, Robert .....	Seattle
Hansen, Roy .....	Spokane
Holihan, Daniel .....	Spokane
Johnson, Leslie .....	Spokane
Johnson, Ralph .....	Spokane
Kincaid, Frank .....	Spokane
Lyons, Carl .....	Spokane
Parcello, Roland .....	Spokane
Petsch, George .....	Spokane
Rambow, Norman .....	Millwood
Richter, Paul .....	Spokane
Schafer, Stanley .....	Spokane
Scavotto, Paul .....	Spokane
Snoddy, Robert .....	Spokane
Steen, Alfred .....	Spokane

## WHITWORTH COLLEGE

Stone, John .....	Spokane
Sumner, Jack .....	Spokane
Torre, Theodore .....	Portland, Oregon
Wilson, Drexel .....	Spokane

### *August Session, Naval Reserve Class V-5, Elementary*

Anderson, Leonard .....	Tacoma
Berry, Robert .....	Seattle
Carpenter, Charles .....	Davenport
Dickerman, Everett .....	Eugene, Oregon
Fenton, Harold .....	Spokane
Gardiner, Harold .....	North Bend
Hansen, Arthur .....	Spokane
Leitzel, Kenneth .....	Seattle
Nelson, Kenneth .....	Brewster
Olsen, Richard .....	Spokane
Phillips, Sam .....	Davenport
Pruitt, Kenneth .....	Spokane
Rawlings, Jack .....	Spokane
Christensen, Ole .....	Spokane
Riddell, Donald .....	Centralia
Sagehorn, Joyce .....	Seattle
Sandstrom, Harold .....	Hoquiam
Schneider, Charles .....	Seattle
Shirey, Robert .....	Seattle
Siers, Leo .....	Deer Park
Skone, Virgil .....	Spokane
Snook, Darrell .....	Chewelah
Spurgeon, Norman .....	Hoquiam
Stevens, Joseph .....	Spokane
Stirling, Charles .....	Tacoma
Varange, Robert .....	Seattle
Walters, Charles .....	Everett
Welch, Dow .....	Seattle
Wilhelmi, William .....	Spokane
Wouters, Robert .....	Spokane

### *August Session, Army Glider, Elementary*

Babcock, Vernon .....	Spokane
Berner, Stephen .....	Rockford
Fogelquist, Elmer .....	Spokane
McBride, Robert .....	Spokane
Odgen, Kenneth .....	Chatteroy
O'Neal, John .....	Seattle
Porter, Melvin .....	Spokane
Regan, Harold .....	Spokane
Rottenstein, Morris .....	New York, New York
Thomas, Larry .....	Bluestem
Butts, Walson .....	Spokane
Martin, Richard .....	Spokane

### *August Session, Army, Secondary*

Applegate, Thomas .....	Spokane
Aukett, Daniel .....	Spokane
Bohn, Harold .....	Newman Lake

## WHITWORTH COLLEGE

Bonneville, George	Tacoma
Brown, Delmar	Spokane
Cavey, George	Milwaukee, Oregon
Coe, Albert	Deer Park
Coppinger, Chester	Rockford
Derry, Melvin	Tekoa
Dunn, Charles	Portland, Oregon
Evans, Leonard	Spokane
Gibson, Daniel	Spokane
Hansen, Roy	Spokane
Johnson, Leslie	Spokane
Johnson, Ralph	Spokane
Kincaid, Frank	Spokane
Kosderka, John	Spokane
Lalor, Benjamin	Spokane
Lyonnais, Thomas	Spokane
Moore, Merton	Spokane
Porter, Wesley	Spokane
Richter, Paul	Spokane
Sass, Lloyd	Spokane
Schafer, Stanley	Spokane
Snoddy, Robert	Spokane
Steen, Alfred	Spokane
Stone, John	Spokane
Sumner, Jack	Spokane
Thorpe, Glenn	Spokane
Torre, Theodore	Portland, Oregon

### *Session 43-C, Navy, Elementary*

Buckovich, Fred	Winslow
Chase, Howard	Spokane
Close, Patrick	Spokane
Crooks, William	Seattle
Cummings, Robert	Kingston, Idaho
Dalton, Roy	Spokane
Eide, Fred	Seattle
Flodstrom, Douglas	Hoquiam
Hagyard, Chariton	Seattle
Jaeger, Gordon	Seattle
Johnson, William	Petersburg, Alaska
Keough, Robert	Seattle
Kimball, Robert	Spokane
Klebe, John	Seattle
Lape, Laurel	Coeur d'Alene, Idaho
Leslie, Alvin	Auburn
Mann, Richard	Seattle
Wilbanks, Hoyt	Spokane
Worthington, Duane	Seattle
Zografos, Tomi	Spokane

### *Session 43-C, Army, Secondary*

Boyce, Edward	Spokane
Buschmann, Leif	Seattle
Benner, Raymond	Kettle Falls
Carpenter, Charles	Davenport
Carroll, Wilbert	Tacoma

## WHITWORTH COLLEGE

Christensen, Ole .....	Spokane
Clark, Howard .....	Spokane
Conover, Don .....	Port Angeles
Davis, James .....	Spokane
Deroshia, Weldon .....	Spokane
Friedman, Jay .....	Seattle
Green, Walter .....	Seattle
Harrison, Jacques .....	Coeur d'Alene, Idaho
Hofford, David .....	Spokane
Howells, Walter .....	Spokane
Knudson, Sheldon .....	Eau Claire, Wisconsin
Leber, Ralph .....	Seattle
Leitzel, Kenneth .....	Seattle
Loosmore, Robert .....	Spokane
Mays, Carl .....	Portland, Oregon
McCaughey, Wallace .....	Spokane
Skone, Virgil .....	Spokane
Wheeler, Jack .....	Seattle
Wheeler, Vincent .....	Spokane

### *43-E Army Liason Pilot Course*

Aman, Wayne .....	Spokane
Clark, Edwin .....	Seattle
Corkery, Francis .....	Spokane
Holmes, Warren .....	Spokane
Maxwell, James .....	Bonnars Ferry, Idaho
Ullock, Edward .....	Bremerton
Ward, Sidney .....	Springfield, Oregon
Wimer, Alvin .....	Medford, Oregon
Wildberger, Joseph .....	San Francisco, California

### *43-F Army, Elementary*

Brosnan, Donald .....	Selah
Calvert, John .....	Butte, Montana
Campbell, Charles .....	Hillsdale, Oregon
Coster, Richard .....	Bremerton
Cowderoy, Paul .....	Seattle
DeMers, Walter .....	Sandpoint, Idaho
Hale, Otis .....	Malden
Hudspeth, Donald .....	Pueblo, Colorado
Kock, Aaron .....	Ritzville
Logan, Donald .....	Spokane
Lovejoy, James .....	Tacoma
Mackey, Byrne .....	Shelton
Martin, Donald .....	Yakima
Oehme, Willard .....	Tacoma
Rudeen, Lloyd .....	Yakima
Sandresky, Herbert .....	Buffalo, New York
Shellenbarger, Lowery .....	Wenatchee
Snider, Stanley .....	Spokane
Waters, Scott .....	Portland, Oregon
Watson, Victor .....	Seattle

## WHITWORTH COLLEGE

### *43-F Army, Secondary*

Billings, Leo .....	Caldwell, Idaho
Call, Lowell .....	Bancroft, Idaho
Fletcher, Jack .....	Caldwell, Idaho
Forstrom, Victor .....	Roundup, Montana
Franklin, Robert .....	Hailey, Idaho
Higgins, Louis .....	Boise, Idaho
Hudson, Robert .....	Seattle
Kellogg, Roy .....	Ellensburg
Kinnear, Johnnie .....	Emmett, Idaho
Kirtley, William .....	Star, Idaho
Kosanke, Albert .....	American Falls, Idaho
Onstad, Henry .....	Williston, North Dakota
Oslund, Horace .....	Portland, Oregon
Parrott, Rolland .....	Caldwell, Idaho
Patrick, Miles .....	Rogerson, Idaho
Pledger, William .....	Caldwell, Idaho
Quigley, Clinton .....	Buhl, Idaho
Ralstin, Keith .....	Mohler, Idaho
Swartz, Russell .....	Seattle
Williams, Herbert .....	Boise, Idaho

### *43-G Army, Secondary*

Barton, John .....	Tacoma
Bolie, Victor .....	Burt, Iowa
Gross, Willis .....	Walla Walla
Hofer, Merrill .....	Prescott
Jackson, George .....	Marysville, Montana
Johnson, Clinton .....	Portland, Oregon
Koprivica, Charles .....	Butte, Montana
Lucas, Glenn .....	Turlock, California
Mackay, Donald .....	Roscoe, Montana
Miliucci, Dano .....	Portland, Oregon
Miller, Robert .....	Oswego, Oregon
Morrow, Alfred .....	Fairmont, Minnesota
Pohlman, Dolphy .....	Hall, Montana
St. John, James .....	Missoula, Montana
Shirovas, John .....	Portland, Oregon
Simpson, Gordon .....	Spokane
Williams, Frederick .....	Butte, Montana
Williams, Timothy .....	Portland, Oregon
Winterfield, Robert .....	Forest Grove, Oregon
Woodworth, Robert .....	St. Paul, Minnesota

WHITWORTH COLLEGE

SUMMARY OF ENROLLMENT

1942-1943

	Men	Women	Total
Seniors .....	15	11	26
Juniors .....	14	11	25
Sophomores .....	32	35	67
Freshmen .....	50	47	97
Nurses in Training .....		5	5
Post Graduates .....	1	8	9
Summer School (not duplicated in the above classifications) .....	2	34	36
TOTAL .....	114	151	265
War Training Service .....			211
GRAND TOTAL .....			476

GRADUATES 1942

Bachelor of Arts Degree

Boughton, Marjorie—English .....	St. Maries, Idaho
Bunkelman, Verna—Foreign Language .....	Tekoa
Clark, Buford—Education .....	Cashmere
Dixon, Joseph—Christian Education .....	Wenatchee
Edenso, Nathaniel—Business Administration .....	Craig, Alaska
Howes, Roy E.—Sociology .....	Spokane
Klein, Earl—Sociology .....	Reardan
Kelly, Elizabeth—Sociology .....	Helmville, Montana
Miller, Barbara—Public Speaking .....	Rosalia
Nance, Virginia Lee—Christian Education .....	Spokane
Scott, Wesley—Economics .....	Spokane
Sparrow, Stewart—Economics .....	Spokane
Tharp, Alison P.—Education .....	Spokane

Bachelor of Science Degree

Aldrich, Harriet—Nursing .....	Deer Park
Anderson, Bob—Pre-Medics .....	Garfield
Blumhagen, Rex—Pre-Medics .....	Wenatchee
Boughton, Ethel—Nursing .....	St. Maries, Idaho
Brault, Robert—Chemistry .....	Hoquiam
Hickox, Keith—Mathematics-Physics .....	Spokane
Hoyt, Charles—Chemistry .....	Spokane
Joss, Margaret—Home Economics .....	Spokane
Morgan, Lois—Nursing .....	Asotin
Muench, Dolores—Biology .....	Portland, Oregon
Olmsted, Evelyn—Home Economics .....	Deming
Potter, Irvin—Chemistry .....	Springdale
Richter, William—Biology .....	Spokane
Rodkey, Lee—Chemistry .....	Post Falls, Idaho
Rosenquist, Gladys Hawley—Home Economics .....	Spokane
Schell, Elinor—Home Economics .....	Chatteroy
Thorndike, Harriet—Nursing .....	Monument, Oregon

WHITWORTH COLLEGE  
**HONORARY DEGREES**  
 Doctor of Laws

Johnston, Eric, A. .... Spokane

**OFFICERS OF ALUMNI ASSOCIATION**

President—Werner Rosenquist, '40, W. 524 15th, Spokane  
 Vice President—Alfred Dibblee, '36, 2004 Oneida Place, Spokane  
 Secretary—Gladys Rosenquist, '42, W. 524 15th, Spokane  
 Treasurer—Alice Postell, '31, N. 1119 Bowdish, Opportunity  
 Publicity—Helen Groves, '37, N. 4311 Post, Spokane  
 Member at large—Marion Jenkins, '34, Whitworth College, Spokane

**WHITWORTH COLLEGE AUXILIARY OFFICERS**  
 May 1943

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

Mrs. M. D. Munn .....	President
Mrs. N. G. Naundorf .....	First Vice President
Mrs. F. F. Warren .....	Second Vice President
Mrs. Carl Fox .....	Recording Secretary
Mrs. S. Postell .....	Treasurer
Mrs. J. L. Oakes .....	Financial Secretary
Mrs. C. Smith .....	Promotional Secretary
Mrs. N. M. MacLeod .....	Ways and Means
Mrs. E. R. Van Leuvan .....	Program
Mrs. O. C. Miller .....	Membership

**Board of Members at Large**

Mrs. J. C. Fowler	Mrs. Marie Alexander
Mrs. F. C. Farr	Mrs. J. W. Countermine

**Advisory Committee**

Mrs. Hogan	Mrs. E. Tatman
Mrs. J. D. Meyer	

WHITWORTH COLLEGE

PHI ALPHA  
or  
PHILACADEMIAN CLUB

Scholastic Honor Society

1934 ACTIVE MEMBERS

David Glenn  
Eleanor Goeke  
Marion Jenkins  
Ruthann Jones  
Charlotte Slater

1935

Douglas MacIntyre  
Keith Murray

1936

Paul Gustafson  
Dorothy Reed

1937

Sara Clapp  
William Gold

1938

Margaret Clapp  
Lorraine Rasco  
Blair Cosman  
Grant Rodkey

1939

Harriet Bagdon  
Stanley Hughart  
Pouline Miller  
Janice Peterson  
John Roth

1940

Eleanor Barrow  
Verna Bunkelman  
James Goodsell  
Tamiko Nozaki  
Lee Rodkey

1941

Joseph Dixon  
Charles Hoyt

1942

Vernon Forkner  
Gothberg, Loren  
Marvin Moos

ASSOCIATE MEMBERS  
Eleanor Hook  
Richard Schwab

1942-43 Faculty Members

Mrs. Carrel

Mr. Bachimont

Miss Boppell

**WHITWORTH COLLEGE**  
SPOKANE, WASHINGTON

Name in full .....

Address .....

Date of Birth ..... Place of Birth .....

Name and Location of High School from which you graduated .....

When? ..... Standing in your class? .....

Extra-Curricular Activities in which you participated .....

Are you a church member? ..... Name Church .....

In what field of study do you wish to major? .....

How do you propose to finance your college work? .....

In applying for entrance to Whitworth College I sincerely agree that while a student there, I shall endeavor to live the life of a Christian and shall:

- (1) Be a diligent and honest student and worker.
- (2) Observe the rules of conduct and enter into the spirit of the College.

(Signed) .....

NOTE:.. The matriculation fee of \$5.00 should accompany your application... Mail to Registrar, Whitworth College, Spokane, Washington.



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