

1941

Whitworth College Annual Catalog 1941-1942

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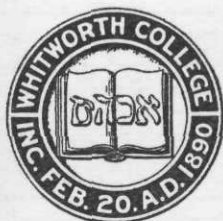
WHITWORTH COLLEGE *Annual Catalog*

1941-1942



CATALOG NUMBER
of
Whitworth College
BULLETIN

Spokane, Washington



A COLLEGE OF
LIBERAL ARTS AND SCIENCES

Announcements for 1941-42

MAY, 1941

Vol. 11

May, 1941

No. 5

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

The College Year

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

Calendar for 1941-42

SUMMER SESSION

June 9-16	Pre-registration dates
June 16	Class instruction begins
July 4	Independence Day, a holiday
July 25	Summer session ends—final examinations

FIRST SEMESTER

September 15-16	Registration of Freshman students
September 17	Registration of upperclassmen
September 18	Regular class work begins
September 19	First all-college Convocation
September 19	Faculty Reception
October 18	Last day for dropping course without receiving <i>F</i> when unsatisfactory.
October 17-18	Home Coming
November 10-14	Mid-semester examinations
November 19	Thanksgiving recess begins 12 noon
November 24	Class instruction begins 8:10 a. m.
December 19	Christmas vacation begins 12 noon
January 5	Class instruction begins 8:10 a. m.
January 26-30	Semester examinations

SECOND SEMESTER

February 2	Second semester begins
February 15-22	Spiritual Life Emphasis Week
March 30-April 3	Mid-semester examinations
April 3	Spring vacation begins 4:15 p.m.
April 13	Class instruction begins 8:10 a. m.
April 17	Campus and Field Day
May 15	May Festival
June 6	Faculty-Senior Breakfast
June 6	Alumni Banquet
June 7	Baccalaureate Sunday
June 8	Commencement Day
June 9-12	Final examinations for lower division and post-graduate students.

WHITWORTH COLLEGE

Board of Trustees

CLASS OF 1940

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

CLASS OF 1941

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

CLASS OF 1942

Jay P. Graves	Spokane
Rev. J. Renwick McCullough, D. D.	Tacoma
Albert K. Arend, Treasurer	Spokane
Rev. Robert Cameron	Aberdeen
John F. Reed	Seattle
Rev. Charles F. Koehler, D. D.	Spokane
Harlan I. Peyton	Spokane
George W. Sommer, Secretary	Spokane
Davis Weyerhaeuser	Tacoma

WHITWORTH COLLEGE

Executive Committee

William L. McEachran, <i>Chairman</i>	Spokane
Jay P. Graves.....	Spokane
Harlan I. Peyton.....	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. Sommers, <i>Secretary</i>	Spokane

Faculty

FRANK FURNISS WARREN, M. A.

President

B. A. Seattle Pacific College; M. A., Drew University; Teacher in the Osaka Theological Seminary, Osaka, Japan; Dean of School of Religion, Seattle Pacific College, 1934-1940.

Whitworth College, 1940—

Country Homes

JAMES FORRESTER, B. A.

Executive Assistant

B. A., Queen's University, Canada; advanced work University of Chicago; member of Philosophical Society of Great Britain.

Whitworth College, 1939—

Ballard Hall

MARION R. JENKINS, M. A.

Dean of Women, Christian Education.

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

Whitworth College, 1931—

McMillan Hall

ELISABETH GARTEN BACHIMONT, B. A.

Classical Languages

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

Whitworth College, 1936—

4727 N. Post

WHITWORTH COLLEGE

OTTO G. BACHIMONT, M. A.

Modern Languages

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

Whitworth College, 1936—

4727 N. Post

ESTELLA E. BALDWIN, M. A.

Registrar

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

Whitworth College, 1933—

Home Economics Bldg.

LAVERNE KENNETH BOWERSOX, Ph. D.

History and Political Science

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

Whitworth College, 1932—

3214 Dalton

JOHN ARVID CARLSON, M. S.

Mathematics and Physics

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

Whitworth College, 1935—

Country Homes

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

Piano and Assistant Dean of Women

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

Whitworth College, 1937—

Ballard Hall

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

Bible and Religious Education

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

Whitworth College, 1928—

614 Park Place

WHITWORTH COLLEGE

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

FLORENCE GARBER, B. S.

Home Economics

B. S., Washington State College.

Whitworth College, 1940—

2317 W. Buckeye

MARGARET GAVIN, B. A.

Women's Physical Education

B. A., Wheaton College.

Whitworth College, 1940—

Whitworth College

WILLIAM GAVIN, B. A.

Men's Physical Education—Coach

B. S., Wheaton College; graduate work Butler University.

Whitworth College, 1940—

Whitworth College

IRENE MARGARET GRIEVE, M. D.

Lecturer in Personal Hygiene

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

Whitworth College, 1934—

Old National Bank Bldg.

PAUL V. GUSTAFSON, M. S.

Biology

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

Whitworth College, 1939—

Country Homes

ELIZABETH GUSTAFSON, M. A.

Librarian

B. A., Wooster College; M. A., Michigan.

Whitworth College, 1940—

Country Homes

WHITWORTH COLLEGE

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

RUTH FISKEN LARGE, M. A.

Art

School of the Portland Art Association, Portland, Oregon; Pratt Institute, Brooklyn, New York; B. A., M. A., University of Washington.

Whitworth College, 1941—

E. 1528 18th Ave.

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—

203 Park Place

ISABELLE CAROLYN MCLEOD, B. A.

Public Speaking and Dramatics

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

Whitworth College, 1937—

Home Economics Building

HELEN L. MAGILL, M. A.

English and Literature

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

Whitworth College, 1930—

Ballard Hall

THERON B. MAXON, M. A.

Christian Education

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

Whitworth College, 1940—

3316 W. Princeton

WHITWORTH COLLEGE

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

LILIAN G. PECK, B. Di.

Bursar

B. Di., Iowa State Teachers College.

Whitworth College, 1935—

Home Economics Building

CHARLES P. POOLE, M. A.

Psychology, Education and Philosophy

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

Whitworth College, 1939

Country Homes

DUANE ROBINSON, M. A.

Sociology

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

Whitworth College, 1939

Country Homes

FRANCES E. ROSE, M. D.

Physical Education

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

Whitworth College, 1935—

Old National Bank Bldg.

RALPH C. SCHLICHTIG, M. S.

Physics and Engineering

B. S., Washington State College; M. S., Washington State College.

Whitworth College, 1936—

Dishman, Washington

WHITWORTH COLLEGE

ARTHUR EMIL UHE

Music

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

Whitworth College, 1938—

Culmstock Arms

L&Verne Poole, B. A.; B. S.

English

B. A., B. S., State College of Kentucky

Whitworth College, 1940

Country Homes

STUDENT ASSISTANTS

VERNA E. BUNKLEMAN

Assistant in Modern Language Department

CARLITA DREBLOW, B. A.

Assistant in Music Department

JAMES S. GOODSSELL

Assistant in Music Department

LEROY HOOK

Assistant in Biology Department

JOHN HOOK

Assistant in Mathematics Department

CHARLES HOYT

Assistant in Chemistry Department

WHITWORTH COLLEGE

Administration

FRANK F. WARREN	.....	President
JAMES FORRESTER	.....	Executive Assistant
MARION R. JENKINS	.....	Dean of Women
ANNA J. CARREL	.....	Assistant Dean of Women
LILIAN G. PECK	.....	Bursar
ESTELLA E. BALDWIN	.....	Registrar
GENEVIEVE BELL	.....	Secretary to President
LAURA WILSON	.....	Manager of the Dining Room
PHILIP L. WILSON	.....	Custodian, Buildings and Grounds

Faculty Standing Committees

Administration—The President, Forrester, Jenkins, Hardwick, Carlson

Athletics—Neustel, Gavin, Bowersox, Robinson

Building and Grounds—Counterminne, Schlichtig, Wilson.

Credits, Grades, Honors and Degrees—Baldwin, Hardwick, Major and Minor Advisors.

Faculty Executive Committee—The President, Jenkins, Counterminne, Bowersox, Dizmang, Carlson, Poole

Library—Mrs. Gustafson, Bachimont, Counterminne, Magill

Personnel—Hardwick, Forrester, Mrs. Gavin, Jenkins, Mrs. Carrel

Press and Publicity, Radio—Forrester, Robinson, Dizmang

Public Events—Uhe, Hopkins, McLeod, Gustafson, Bachimont

Religious Activities—Counterminne, Forrester, Jenkins, Poole

Social Functions—Jenkins, Mrs. Garber, Mrs. Gavin, Mrs. Carrel

Student Activities—Forrester, Robinson, Bowersox, McLeod, Neustel

*The President is an ex-officio member of each committee.

History and Purpose

WHITWORTH 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 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

WHITWORTH COLLEGE

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.

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

WHITWORTH COLLEGE

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. To the degree that its faculty is both scholarly and Christian can the college adequately serve the youth of America. 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 smaller 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 for a Gymnasium, for which approximately \$40,000 is needed; a Library Building 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.

WHITWORTH COLLEGE

TO REACH THE COLLEGE

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

BUS SCHEDULE

MONDAY TO FRIDAY INCLUSIVE

<i>Whitworth College</i>		<i>City Limits</i>	
Arrive	Leave	Arrive	Leave
	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.
1:10 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.	5:30 p. m.	5:30 p. m.
5:35 p. m.			

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

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

WHITWORTH COLLEGE

CAMPUS AND BUILDINGS

The 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. A natural amphitheater with its view of high hills, and unusual turf, provides an athletic ground of unique beauty. The main buildings on the campus consist of McMillan Hall, Ballard Hall, the Home Economics Building, the auditorium-gymnasium, Men's Hall, the president's home, and residences of faculty families. A campaign is now in progress for a new Library Building, a Gymnasium and an Administration-Classroom building. The present library of fifteen thousand books, is housed in McMillan Hall. The administrative office and science departments are housed in Ballard Hall.

In 1938 the Home Economics Building was built. Designed and equipped according to the most modern methods, it will accommodate one hundred young women. During the past school year the Men's Dormitory was built. For a number of years Whitworth men had lived in a rented building a mile from the campus proper. The new building fashioned somewhat in the manner of a rustic bungalow, answers a long-felt need of the men of Whitworth. It provides splendid housing for forty students, contains a comfortable apartment for the proctor and provides a spacious lounging room, a recreational room, laundry and other conveniences. Because the number of rooms is limited, reservations should be made early in the summer.

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,

WHITWORTH COLLEGE

and gifts from its friends and alumni. Plans have been completed for the launching of a "Living Endowment" Campaign. The "Living Endowment" 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 two semesters of eighteen weeks each. All bills are payable in advance at the opening of each semester. A student is not considered registered or allowed to attend classes until a satisfactory arrangement has been made with the Bursar. In the case of students requiring a deferred-payment plan, one-third of the expenses should be paid in cash at the time of registration and the balance secured upon a 6 per cent promissory note signed by parent or guardian. A fair pro rata rebate will be allowed on tuition and board and room expense in the case of students withdrawing during the first nine weeks of the semester. There will be no rebate beyond nine weeks except in the case of protracted illness or other exten-

WHITWORTH COLLEGE

uating circumstances. Students withdrawing under discipline forfeit all claim to rebate. Any unpaid balance *must* be paid in full by July 25th of the current year.

SCHEDULE OF FEES

TUITION AND INCIDENTAL FEES—PER SEMESTER

Full-time enrollment, 12-16 hours.....	\$ 75.00
Excess above 16 hours, per hour.....	5.00
Part-time enrollment 9-11 hours, per hour....	6.00
Part-time enrollment under 9 hours, per hour..	7.00

LABORATORY FEES—PER SEMESTER

Art	2.00
Biology, 11, 12, 26, 50, 52, 61, 71.....	6.00
Biology. 30, 55, 56.....	3.00
Biology Breakage Deposit 61, 71.....	5.00
Chemistry. 1, 2, 11, 12.....	10.00
Chemistry. 51, 52, 101.....	6.00
Chemistry. 53, 54.....	8.00
Chemistry. 55, 56.....	4.00
Chemistry. Breakage Deposit fee for all chemistry courses	5.00
Home Economics. 1	4.00
Home Economics. 2	5.00
Home Economics. 7, 8, 64	1.00
Home Economics. 61	2.00
Library Science	1.00
Music: 7, 8, 9, 10.....	10.00
Music. 11, 12, 13, 14, 15, 16 (If taken for non-credit)	2.00
Music. Applied: piano, violin, viola, cello, voice, harp—	
One period per week or two half periods....	36.00
One thirty minute lesson per week.....	20.00

WHITWORTH COLLEGE

Music: Rental:

Piano, one period a day per semester.....	3.00
Piano, two periods per day per semester....	4.00
Practice studio, one period per day.....	2.00
Practice studio, two periods per day.....	3.00
Physics. 1, 2, 11, 12.....	5.00
Engineering. 5, 6.....	5.00
Physical Education	1.00

SUNDRY FEES

Associated Student Fee, (Must be paid at time of registration)	10.00
Auditor's fee, per hour.....	2.00
Change of registration	1.00
Diploma	10.00
Examination fee (for examinations taken out of schedule)	1.00
Fee for additional transcripts, each.....	1.00
Health Fee:	
Dormitory students	2.00
Town students	1.00
Infirmary service over 3 days, per day.....	.50
Late Registration (\$1.00 per day, maximum \$5.00)	
Library fee	3.50
Matriculation Fee (New Students only).....	5.00
Room Deposit	5.00
Room and Board.....	139.50
Test Fee .....	.50
Text-book fee (where text-book is not speci- fied in class).....	1.00
Typing	5.00

SUMMARY OF SEMESTER EXPENSE

A summary of fixed charges for one semester for dormitory residents is as follows:

Tuition	\$ 75.00
Associated Student Fee.....	10.00

WHITWORTH COLLEGE

Library Fee	3.50
Health Fee	2.00
Room (two in a room)	36.00
Board	103.50
	<hr/>
	\$230.00

For individual students the cost of books, stationery, laundry, laboratory fees, private music lessons and incidental expense will vary according to the program and inclinations of the individual 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.

FINANCIAL DELINQUENCIES

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

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.

DORMITORY REQUIREMENTS

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

WHITWORTH COLLEGE

flat work is available through local laundries.

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

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

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

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

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

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

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

The college dining hall will be open for Sunday evening lunch, September 14, and closed after luncheon on Friday, June 12, 1942.

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

SELF SUPPORT

Whitworth makes every possible effort to assist young people in obtaining an education. Practically all of the

WHITWORTH COLLEGE

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 semester hours.
- 3-4 hours per day, 14 semester hours.
- 5-6 hours per day, 8-12 semester hours.
- 7-8 hours per day, 6-8 semester 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.

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 boy or girl from Tacoma, Washington, who can qualify.
4. The Nelly Shephard Millard scholarship of \$200.00, appointment made by the Rev. and Mrs. H. R. Spicer.

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5. Athletic scholarship of \$250.00 made available by friends of the College.

LOAN FUNDS

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

Hedley A. Vicker Fund.....	\$1,123.44
Mrs. Gertrude Mather Fund.....	100.00
First Presbyterian Church, Wenatchee.....	91.53
First Presbyterian Church, Northport.....	50.05
Rev. and Mrs. W. L. Livingston.....	40.00
Dr. and Mrs. C. W. Hays.....	25.00
Doctors' Club	50.00
Round Table	50.00
Spokane Women's Relief Corps.....	250.00

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 expense. Application forms for NYA help may be secured from the Bursar of the College.

GRANTS-IN-AID

1. *For members of ministers' families.*

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 semester only on condition that an average scholarship grade of at least C shall have been earned in the preceding semester. 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.

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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.

EXTRA-CURRICULAR ACTIVITIES

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

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

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

RECOGNITION OF ORGANIZATIONS. In order to be recognized as a Whitworth College organization in good standing the organization must have a constitution, a list of charter members, and must have received the sanction

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

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

STUDENT ORGANIZATIONS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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 required 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 or-

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ganizations 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 programs 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 of the Men's Dormitory and the Dean of Women, the dormitory life is particularly friendly and wholesome. Social dancing is 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 CAM-

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PUS 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.

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, LABORATORY, CHAPEL OR RELIGIOUS SERVICES 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.*

Dormitory students must secure leave of absence from the Dean of Women or the Proctor of the Men's Dormitory in order to be away from the campus at night. The President 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 con-

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duct 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. If a student enters or leaves the dormitories during the semester, the board and room will be pro-rata for the time the student is in residence.

SUMMER SESSION

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

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

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

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

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

GRADES AND POINTS

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

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

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

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

SCHOLARSHIP AND REPORTS

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

HONORS

Four classes of honors are recognized at Whitworth College.

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

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

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

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

ADMISSION REQUIREMENTS

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

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

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

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

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1. Three years of English.....6 credits
2. Two years of Mathematics:
Algebra2 credits
Plane Geometry.....2 credits
3. *Two years of Foreign Languages.....4 credits
4. One year in American History and
Government2 credits
5. *One year in a laboratory science.....2 credits
6. Twelve additional credits from subjects
accepted by an accredited high school.
Not more than eight credits may be of-
fered from vocational subjects.

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

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

REQUIREMENTS FOR GRADUATION

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

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

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

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

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

SPECIAL REQUIREMENTS

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

English 1 and 2	6 hours
Personal Hygiene (Women Students)	2 hours
Laboratory Science (Chemistry, Biology or Physics)	10 hours
History or Social Science	5 hours
Public Speaking (Preferably taken in freshman year)	2 hours
Foreign Language (See above)	
Bible and Christian Education	8 hours
(Six hours must be in Bible, two hours can be in the field of Christian Education.) At least one two-hour course must be taken each year a student is in residence until the eight hours of Bible and Christian Education has been met.	
Psychology	3-4 hours
Philosophy (except where eliminated by prescribed course)	2 hours
Physical Education	4 hours
(Only 4 hours of regular gymnasium work shall be counted towards the required 124 semester hours for graduation.)	
Upper Division Courses, at least	40 hours
Transfer students must have earned at least 28 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 twenty-six nor more than forty-eight hours in any one department. The student also must elect at least one minor study which is to be approved by the head of the department in which the major is taken. A minor shall consist of not less than sixteen hours. The requirements for majors and minors are set forth in the departments where the offerings are listed.

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

INDIVIDUAL STUDY

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

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

DIVISIONAL ORGANIZATION

I. DIVISION OF LETTERS AND FINE ARTS

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

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

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III. DIVISION OF SOCIAL SCIENCES

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

REQUIREMENTS IN A DIVISION

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

LOWER AND UPPER DIVISION

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

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

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

INVESTITURE

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

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CLASSIFICATION

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

Freshman to Sophomore, 28 hours and 28 grade points.

Sophomore to Junior, 60 hours and 60 grade points.

Junior to Senior, 90 hours and 90 grade points.

DEGREES GRANTED

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

BACHELOR OF EDUCATION DEGREE

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

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

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

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

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

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

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 Credits, Grades, Honors, and Degrees. This application should be made before the opening of the first semester of the college year so that arrangements may be made for suitable courses to be taken, and before the first day of November in the same year, an outline of the 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.

Eighteen semester hours must be completed in the major field of which six semester hours are given to the thesis. The candidate may select with the approval of the committee in charge, one minor of twelve semester hours, or two minors of six semester hours each. 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 six semester 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 can-

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didate 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 49 are courses open primarily to Freshmen and Sophomores and are designated as lower-division work. The courses listed as 50 or above are open in most cases only to Juniors and Seniors and constitute upper-division work. The courses listed as 100 or above constitute graduate work. Odd numbers, as a rule, refer to first semester courses, and even numbers to second semester courses. The term "hour" means a semester hour of credit. Laboratory courses involve from two to three hours of laboratory work for one semester hour of credit. Courses starred are not given in 1940-41 except when circumstances may require; and others may be withdrawn if enrollment is too small.

DIVISION OF LETTERS AND FINE ARTS

Department of Art

Department of Classical Languages

Department of Dramatic Arts and Speech

Department of English

Department of Library Science

Department of Modern Languages

Department of Music

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ART

Mrs. Ruth Large

1-2. DRAWING AND PAINTING

Two hours each semester

An introduction to drawing from nature forms; still life; figure. This course offers an exploration of techniques and a sound foundations in graphic presentation. Mediums: Charcoal, pencil, lithographic crayons and watercolor.

25. LETTERING

Two hours each semester

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.

31-32. ART STRUCTURE

Two hours each semester

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.

45. ART APPRECIATION

Two hours first semester

Appreciation of the great epochs in the history of painting, sculpture, architecture, and the allied arts.

50-51. DRAWING AND PAINTING

Two hours each semester

An advanced course in painting still life, landscape, portraits. Appreciation of contemporary painting. Mediums: Oil, Tempera, water color.

55-56. COMMERCIAL ART

Two hours each semester

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.

60-61. COMPOSITION

Two hours each semester

Development of individuality in the use of principles underlying the graphic representation of ideas. Problems planned to stimulate the students imagination in creative expression. Mediums: Charcoal, colored chalks, lithographic crayons, printers inks.

LETTERS AND FINE ARTS

71-71. ART EDUCATION *Two hours second semester*

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.

CLASSICAL LANGUAGES

Dr. Hardwick

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

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

A minor may be taken in Classical Languages.

Greek

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

Latin

- 1-2. BEGINNING LATIN *Four hours each semester*
Grammar, vocabulary, and easy reading of Roman stories and selections from Caesar.

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3-4. INTERMEDIATE LATIN *Three hours each semester*

Selections from Caesar, Cicero, and other Roman Literature will be studied.

11-12. ROMAN CIVILIZATION

Two hours each semester

A review of Roman history together with a study of the private life of the Romans. Knowledge of Latin not required.

*51-52. THE AENEID AND OVID

Three hours each semester

DRAMATIC ART AND SPEECH

Miss McLeod

1. FUNDAMENTALS

Two hours one semester

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

2. FUNDAMENTALS

Two hours one semester

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

3-4. LITERARY INTERPRETATION

Two hours each semester

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

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

LETTERS AND FINE ARTS

5. ARGUMENTATION AND DEBATE

Two hours one semester

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

6. DEBATE

One or two hours one semester

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

9. INTERPRETATIVE BIBLE READING

Two hours second semester

A course designed to enable the student to orally read the Bible in such a way as to interpret the greatest literature in all the world. Required of all students going into Christian work.

52. PUBLIC SPEAKING

Two hours one semester

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

57. ACTING AND MAKE-UP

Three hours first semester

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

58. SCENERY AND DIRECTING

Three hours second semester

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

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59. SPEECH IN RADIO BROADCASTING

Three hours one semester

The purpose of this course is twofold: (1) To acquaint the student with the theory involved in those radio programs in which the techniques of speech are used, such as the interview, discussion, talk, and dramatization; (2) to give laboratory experience in such programs. During the course announcing, sound effects, reading before the microphone, etc., will receive attention.

ENGLISH

Miss Magill

Mrs. Poole

Miss McLeod

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

1-2. ENGLISH COMPOSITION

Three hours each semester

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

*8. ADVANCED COMPOSITION

Two hours second semester

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

LETTERS AND FINE ARTS

9-10. INTRODUCTION TO JOURNALISM

Two hours each semester

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

25-26. SURVEY OF ENGLISH LITERATURE

Three hours each semester

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

*51-52. INTRODUCTION TO THE DRAMA

Three hours each semester

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

*55-56. WORLD LITERATURE

Three hours each semester

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

*57-58. AMERICAN LITERATURE

Two hours each semester

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

WHITWORTH COLLEGE

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

LETTERS AND FINE ARTS

LIBRARY SCIENCE

Mrs. Gustafson

70. CATALOGING AND CLASSIFICATION

Three hours first semester

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

71. ORGANIZATION AND ADMINISTRATION

Two hours second semester

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

MODERN LANGUAGES

Professor Bachimont

Mrs. Bachimont

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

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

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

WHITWORTH COLLEGE

French

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

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

3-4. INTERMEDIATE FRENCH

Three hours each semester

An intensive study of several works of modern authors; collateral reading and reports; advanced grammar, composition and conversation.

51-52. SURVEY OF FRENCH LITERATURE

Three hours each semester

A survey tracing the development of the French language and literature in connection with the history of French civilization from its earliest times up to the present.

53. FRENCH DRAMA OF THE 17TH CENTURY

Two hours one semester

Intensive study of the classic drama of Corneille, Racine, and Moliere. Collateral reading and reports.

55. FRENCH LITERATURE OF THE 19TH CENTURY

Three hours one semester

A study of the representative writers of the century with special emphasis on the Romantic period.

61. ADVANCED COMPOSITION AND CONVERSATION

Two or three hours one semester

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

62. METHODS OF TEACHING FRENCH

Two hours one semester

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

LETTERS AND FINE ARTS

63. FRENCH SHORT STORY

One to three hours one semester

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

71. FRENCH NOVEL

Three hours one semester

A survey of modern French fiction.

72. FRENCH POETRY

Three hours one semester

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

92. INTRODUCTION TO ROMANCE PHILOLOGY

Two hours one semester

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 3 and 4.

GERMAN

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

Pronunciation, essentials of grammar, composition and conversation. Reading of graded texts and collateral material with reports.

3-4. INTERMEDIATE GERMAN

Three hours each semester

An intensive study of several works of modern authors; collateral reading and reports; advanced grammar, composition, and conversation.

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

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

51-52. SURVEY OF GERMAN LITERATURE

Three hours each semester

A tracing of the German language and literature from the beginnings to the present time in connection with Germany's history.

WHITWORTH COLLEGE

53. GERMAN CLASSICISM *Two hours one semester*

Intensive study of the works of Lessing, Goethe, and Schiller. Collateral reading and reports.

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

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

63. DIRECTED READING

One to three credits each semester

Supplementary reading course for additional credit.

71. THE GERMAN NOVEL *Two hours one semester*

A survey of modern German fiction. Intensive and extensive reading with reports.

72. GERMAN POETRY *Two hours one semester*

The wealth of German poetry will be traced from earliest times to the present day. Emphasis on the poetry of Goethe, Schiller.

101-102. COMPARATIVE LITERATURE

Three hours each semester

Inter-relations of German and English literature. Lectures, and written and oral reports. For advanced students.

MUSIC

Mr. Uhe, Director

Mrs. Hopkins, Voice Instructor

Mrs. Carrel, Piano Instructor

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

To be recommended for a music major a student must secure the minimum of twenty credits in applied music and twenty-eight credits in theoretical music, in-

LETTERS AND FINE ARTS

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

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

Suggested Program for Major Students

FRESHMAN YEAR

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

SOPHOMORE YEAR

Foreign Language	3	3
General Psychology	2	2
Music 21-22, Hist. & Appreciat.	3	3
Music 3-4, Harmony	3	3
Music 25-26, Applied Music	2	2
Music, Orchestra, Chorus, or Band	1	1
Christian Education	—	2
Physical Education	1	1
	15	17

WHITWORTH COLLEGE

JUNIOR YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Christian Education	2	—
Laboratory Science	5	5
Music 55-56, Form and Analysis	2	2
Music 5-6, Dictation & Sight. S.	3	3
Music 51-52, Applied Music	3	3
Personal Hygiene	1	—
Electives	—	2
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	16	15

SENIOR YEAR

Christian Education	—	2
Social Science	5	—
Music 61-62, Applied	3	3
Music Electives	3	3
Electives	4	7
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	15	15

PUBLIC SCHOOL MUSIC

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Applied Voice	1	1
Applied Piano	1-2	1-2
Solfeggio and Theory	3	3
English Composition	3	3
Foreign Language	5-3	5-3
Christian Education	—	2
Chorus	1	1
Physical Education	1	1
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	15	17

SOPHOMORE YEAR

Introduction to Psychology	2	2
Applied Violin	1-2	1-2
Applied Voice	1	1
<i>Harmony</i>	3	3
Foreign Language	3	3
Chorus	1	1
Christian Education	2	—
String Instruments and Methods	1	2
Advanced Ear Training	2	2
Physical Education	1	1
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	17	16

LETTERS AND FINE ARTS

JUNIOR YEAR

Public School Music.....	3	3
Observation and Practice Teaching.....	2	2
Christian Education.....	—	2
Orchestral Conducting.....	1	1
History and Appreciation.....	3	3
Keyboard Harmony.....	—	2
Secondary Education.....	3	—
Wood Wind Instruments.....	1	2
Public Speaking.....	2	—
	15	15

Course Outline

1-2. SOLFEGGIO AND EAR TRAINING

Three hours each semester

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

3-4. HARMONY

Three hours each semester

Prerequisite: Music 1-2 or equivalent.

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

5-6. DICTATION AND SIGHT SINGING

Three hours each semester

Prerequisite: Music 1-2 or equivalent.

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

11-12. CHORAL STUDY

One hour each semester

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

See special note regarding non-credit students.

WHITWORTH COLLEGE

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

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

See special note regarding non-credit students.

15-16. ORCHESTRA *One hour each semester*

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

See special note regarding non-credit students.

19-20. ELEMENTARY CONDUCTING *One hour each semester*

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

21-22. HISTORY AND APPRECIATION OF MUSIC *Three hours each semester*

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

50-51. PUBLIC SCHOOL MUSIC *Three hours each semester*

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.

53. KEYBOARD HARMONY *Two hours second semester*

Practical application at the piano of the work done in Music 3-4. Harmonization of melodies, transposition, with emphasis upon modulation to all keys.

LETTERS AND FINE ARTS

55-56. FORM AND ANALYSIS

Two hours each semester

Prerequisite: Music 3-4.

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

59-60. COUNTERPOINT *Two hours each semester*

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

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

61-62. ORCHESTRATION AND INSTRUMENTATION

Two hours each semester

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

63. PIANO PEDAGOGY *One hour each semester*

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

Special Note

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

WHITWORTH COLLEGE

Applied Music

Work is offered in the departments of Piano (A); Voice (B); Violin (C); and other orchestral instruments brass or woodwind (D); Harp (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. For a major in Applied Music two lessons a week are required in the senior year. A minimum of two hours' practice daily is required of students taking one lesson a week. This requirement is increased to three hours where the student is enrolled for two lessons a week.

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

Class Instruction

- 7-8. BEGINNING VOCAL CLASS
One hour each semester

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

- 9-10. BEGINNING INSTRUMENTAL CLASS
One hour each semester

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

LETTERS AND FINE ARTS

Regulations

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

VIOLIN DEPARTMENT

Professor Uhe

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

WHITWORTH COLLEGE

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

Violin Department

GRADE 1 (Freshman Year)

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

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

GRADE 2 (Sophomore Year)

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

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

GRADE 3 (Junior Year)

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

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

GRADE 4 (Senior Year)

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

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

PIANO DEPARTMENT

Mrs. Carrel

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

LETTERS AND FINE ARTS

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

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

GRADE 1 (Freshman Year)

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

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

GRADE 2 (Sophomore Year)

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

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

GRADE 3 (Junior Year)

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

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

GRADE 4 (Senior Year)

First Semester: Etudes of Chopin, Moszkowski. Well tempered Clavichord of Bach. Beethoven Sonatas from Opus 13, 22, 26, 27, 31, 53.

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

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. Class instruction (see vocal class 7-8) is limited to the work of the elementary grades. Total credit for class instruction towards graduation limited to two hours. Course credit is granted for all work completed.

Course of Study

GRADE 1 (Freshman Year)

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

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

GRADE 2 (Sophomore Year)

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

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

GRADE 3 (Junior Year)

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

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

GRADE 4 (Senior Year)

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

Second Semester: By the end of this year a repertoire of three operatic arias, in at least two foreign languages, three oratorio

NATURAL SCIENCES

arias, twenty classic and twenty standard modern songs must have been acquired; also a knowledge of Recitative. The student must have sufficient piano study to play accompaniment of average difficulty. Recital at the end of the year.

DIVISION OF NATURAL SCIENCES

Department of Biology

Department of Chemistry

Department of Home Economics

Department of Mathematics, Physics and Engineering

Department of Pre-Medical Studies

BIOLOGY

Professor Gustafson

Mrs. Gustafson

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

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

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

DEPARTMENT OF PREMEDICAL 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 are 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.

WHITWORTH COLLEGE

PREMEDICAL CURRICULUM

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

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
General Chemistry.....	5 ✓	Qualitative Analysis.....	5
English Composition.....	3 ✓	English Composition.....	3
General Zoology.....	5 ✓	Comparative Anatomy.....	5
Psychology.....	2 ✓	Psychology.....	2
Physical Education.....	1 ✓	Christian Education.....	2
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SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Adv. Qualitative Analysis.....	5 ✓	Quantitative Analysis.....	5
Embryology.....	4	Public Speaking.....	2 ✓
General Mathematics (11).....	4	General Mathematics (12).....	4
Christian Education.....	2	Electives.....	3
Physical Education.....	1	Physical Education.....	1
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JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
German or French.....	5	German or French.....	5
General Physics.....	5	General Physics.....	5
Christian Education.....	2	Electives.....	3
Microtechnic & Histology.....	4	Social Science.....	2 ✓
		Physical Education.....	1
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SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Parasitology.....	4	Organic Chemistry.....	4
Organic Chemistry.....	4	German or French.....	3

NATURAL SCIENCES

German or French.....	3	Social Science	3
Christian Education	2	Electives	5
Electives	3		
	16		15

PRE-DENTAL CURRICULUM

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

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
English	3	English	3
General Chemistry.....	5	General Chemistry.....	5
Biology 11.....	5	Biology 50.....	4
Mathematics	4	Mathematics	4
Phys. Educ.....	1	Christian Education	2
	18		18

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Physics	5	Physics	5
Organic Chemistry	4	Organic Chemistry	4
Psychology	2	Christian Education.....	2
Electives	3	Electives	3
Phys. Educ.	2	Psychology	2
	16		17

NURSING CURRICULUM

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
English Composition	3	English Composition	3
Human Anatomy	3	Qualitative Analysis	5
General Chemistry	5	General Physiology	3
Physical Education	1	Physical Education	1
Psychology	2	Psychology	2
Electives	2	Christian Education	2
	16		16

WHITWORTH COLLEGE

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Organic Chemistry	4	Public Speaking	2
Language	5-3	Language	5-3
Elec. in Non-related Div.	3-5	Elec. in Non-related Div.	3-5
Social Science	2	Christian Education	2
Physical Education	1	Bacteriology	4
	15		16

(Junior credits received from Hospital)

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Christian Education	2	Heredity & Eugenics	2
Embryology	4	Integrational Physiology	3
Literature	3	Literature	3
Physical Education	1	Social Science	3
Electives in Non-related Div.	6	Electives in Non-related Div.	4
	16		15

Note: This course as outlined should be followed as closely as possible. Any changes must be made with the consent of the Head of Biology Department and the Registrar.

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

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

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

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

NATURAL SCIENCES

years; leaving the last six months in the hospital to be spent in advanced work in one of the special fields of nursing such as: pediatrics, surgery, etc. Courses in administrative problems will be taught in certain hospitals by accredited members on the hospital staff and accepted by the college as upper division work in the major field.

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

11. GENERAL ZOOLOGY *Five hours one semester*

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

12. GENERAL BOTANY *Five hours one semester*

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

26. GENERAL BACTERIOLOGY *Four hours one semester*

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

30. HUMAN ANATOMY *Three hours one semester*

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

WHITWORTH COLLEGE

35. GENERAL PHYSIOLOGY

Three hours second semester

Two hour lecture and one three-hour laboratory period. Prerequisites: Biol. 11 or 30 and at least one semester of chemistry. Lecture, quizzes, and laboratory concerning physiology of nervous and reproductive systems, organs of the special senses and the endocrine glands. Laboratory fee, \$3.00.

40. VERTEBRATE COMPARATIVE ANATOMY

Five hours one semester

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

52. VERTEBRATE EMBRYOLOGY

Four hours one semester

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

53S. FAUNISTIC ZOOLOGY

Five hours summer session

Two hour lecture and three three-hour laboratory periods. Prerequisite: Biol. 11. A study of collection, identification, and preservation of local animals, both invertebrate and vertebrate. Use of keys and reference material will be an essential part of the course. Recommended for biology teachers.

54. INTRODUCTION TO MARINE BIOLOGY

One hour one semester

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

*56. INTEGRATIONAL PHYSIOLOGY

Three hours one semester or summer session

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

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61. MICRO-TECHNIQUE AND HISTOLOGY

Four hours one semester

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

*63. HEREDITY AND EUGENICS

Two hours one semester

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

*71. ANIMAL PARASITES AND INVERTEBRATE ZOOLOGY

Four hours one semester

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

*72. BIOLOGY SEMINAR

Two to four hours, as arranged

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

101. ADVANCED ZOOLOGICAL PROBLEMS

Hours as arranged

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

WHITWORTH COLLEGE

CHEMISTRY

Professor Neustel

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

1. GENERAL CHEMISTRY *Five hours first semester*

The fundamental principles of the science. The occurrence, preparation, physical and chemical properties, essential compounds and the reactions of the most important elements are studied in the laboratory and lecture. Prerequisite: High school algebra. Three lectures and two three-hour laboratory periods per week.

2. QUALITATIVE ANALYSIS *Five hours second semester*

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

11. ADVANCED QUALITATIVE ANALYSIS

Five hours first semester

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

12. QUANTITATIVE ANALYSIS

Five hours second semester

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

30S. SPECIAL ORGANIC *Five hours during Summer*

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

NATURAL SCIENCES

51-52. ADVANCED QUANTITATIVE ANALYSIS

Three hours each semester

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

53-54. ORGANIC CHEMISTRY

Four hours each semester

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

55-56. ORGANIC PREPARATIONS

Two hours each semester

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

60S. BIOLOGICAL CHEMISTRY

Four hours summer session

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

101-102. ORGANIC ANALYSIS

Three hours each semester

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

110-111. PHYSICAL CHEMISTRY

Four hours each semester

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

HOME ECONOMICS

Mrs. Garber

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.

WHITWORTH COLLEGE

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

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

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

HOME ECONOMICS

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
English Composition	3	English Composition	3
General Chemistry	5	General Chemistry	5
Textiles & Clothing	3	Textiles & Clothing	3
General Psychology	2	General Psychology	2
Physical Education	1	Physical Education	1
Personal Hygiene	2	Christian Education	2
	—		—
	16		16

SOPHOMORE YEAR

FIRST SEMESTER		SECOND SEMESTER	
<i>Subject</i>	<i>Hours</i>	<i>Subject</i>	<i>Hours</i>
Organic Chemistry	4	Physiology	3
General Zoology	5	Foods	3
Foods	3	Literature or Foreign Language	3
Literature or Foreign Language	3	Christian Education	2
Physical Education	1	Physical Education	1
	—	Electives	3
	16		15

NATURAL SCIENCES

JUNIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Subject	Hours	Subject	Hours
Home Architecture	3	Bacteriology	4
Dietetics	3	Home Furnishing	3
Electives	5	Nutrition	3
Christian Education	2	Public Speaking	2
Art	2	Electives	3
	15		15

SENIOR YEAR

FIRST SEMESTER		SECOND SEMESTER	
Subject	Hours	Subject	Hours
Child Development	3	Household Administration	3
Economics	3	Electives	9
Christian Education	2	Sociology	3
Electives	7		
	15		15

Special Note: Students should bear in mind that they must complete a minor of at least sixteen hours in this course and if they are looking forward to teaching they should secure as many hours of education as possible.

Foods and Nutrition

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

WHITWORTH COLLEGE

62. DIET THERAPY *Two hours one semester*
A study of food and its use in the body under pathological conditions.

Home Administration

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

Textiles and Clothing

7. TEXTILES AND CLOTHING *Three hours one semester*
A study of the selection and construction of clothing, the use of the commercial pattern, the textile fibers, standard and new fabrics. Laboratory fee, \$1.00.
8. TEXTILES AND CLOTHING *Three hours one semester*
A continuation of Textiles and Clothing 7. A study of the economic and hygienic aspects of clothing, textile testing; construction of garments requiring more advanced methods than in the preceding course. Laboratory fee, \$1.00.

NATURAL SCIENCES

*53. CLOTHING SELECTION *Two hours one semester*

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

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

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

70. METHODS OF TEACHING HOME ECONOMICS

Three hours one semester

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

MATHEMATICS, PHYSICS, AND ENGINEERING

Professor Carlson

Professor Schlichtig

A major in mathematics consists of at least 26 hours, including courses 11-12, 51-52, and 93-94 or other course approved by head of department.

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

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

1. ADVANCED ALGEBRA *Three hours first semester*

A study of factoring, exponents, radicals, logarithms, quadratic equations, and determinants. This course should be followed by mathematics 2 or 22. Prerequisite: One year high school algebra or general mathematics.

WHITWORTH COLLEGE

*2. SOLID GEOMETRY *Three hours second semester*

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 plane geometry.

11-12. GENERAL MATHEMATICS

Four hours each semester

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

22. INTRODUCTORY STATISTICS

Three hours second semester

An introductory study of the principles of statistics basic to further specialized courses in economics, sociology, education, and natural sciences. It is desirable to precede this course with mathematics 1.

*41. MATHEMATICAL THEORY OF FINANCE

Three hours second semester

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

51-52. DIFFERENTIAL AND INTEGRAL CALCULUS

Four hours each semester

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

*53. HISTORY OF MATHEMATICS

Two hours first semester

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

NATURAL SCIENCES

*54. MODERN GEOMETRY *Two hours second semester*

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

*56. THEORY OF EQUATIONS

Two hours first semester

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

*92. ADVANCED COLLEGE ALGEBRA

Three hours either semester

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

*93-94. ADVANCED CALCULUS

Three hours each semester

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

95-96. DIFFERENTIAL EQUATIONS

Three hours each semester

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

141-142. VECTOR ANALYSES AND TENSORS

Three hours each semester

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

PHYSICS

1-2. INTRODUCTION TO PHYSICAL SCIENCE

Five hours each semester

A non-mathematical course designed to meet the needs of students of pre-medicine, pre-dentistry, nursing, home economics, music, and students of the liberal arts. Demonstrations will be freely used in the lectures. Three lectures and two laboratory periods per week. Laboratory fee, \$5.00.

WHITWORTH COLLEGE

11-12. GENERAL PHYSICS *Five hours each semester*

A general introduction to the facts, methods and principles of physical science. Four class meetings and one laboratory period per week. Prerequisite: Trigonometry. Required of all pre-engineering students, Physics and Chemistry majors. Laboratory fee, \$5.00.

*53-54. MODERN PHYSICS *Three hours each semester*

An introductory study of the recent advances in atomic physics, the nature of the atom, radiant energy, radioactivity, wave mechanics, relativity and similar topics. Prerequisites: Math. 52, Phys. 12.

*55-56. ELECTRICITY AND MAGNETISM

Four hours each semester

A theoretical study of the laws of electricity and magnetism and their applications in the field of electrical engineering. Prerequisites: Math. 52, Phys. 12.

*58. OPTICS

Four hours second semester

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

91-92. THEORETICAL MECHANICS

Two hours each semester

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

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.

NATURAL SCIENCES

FIRST YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Math. 11-12, General Mathematics.....	4	4
Chem. 1-2, General Chemistry.....	5	5
Engineering 3, Engineering Drawing.....	2	—
Engi. 4, Descriptive Geometry.....	—	4
Engi. 5-6, Shop.....	1	1
English 1-2, Composition.....	3	3
	<hr style="width: 100%;"/>	<hr style="width: 100%;"/>
	15	17

SECOND YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Math. 51-52 Calculus.....	4	4
Physics 11-12, Engineering Physics.....	5	5
Economics 1-2, Principles.....	3	3
Engi. 16, Plane Surveying.....	—	3
Psychology.....	3	—
	<hr style="width: 100%;"/>	<hr style="width: 100%;"/>
	16	15

ENGINEERING

3. ENGINEERING DRAWING *Two hours first semester*
 Fundamentals of engineering drawing, lettering, orthographic and isometric projection, cabinet and working drawings. Required of all pre-engineering students.
- *4. DESCRIPTIVE GEOMETRY *Four hours second semester*
 A continuation of Engineering 3. A study of points, lines, ruled surfaces, and curved surfaces in space. It involves problems in architecture and construction such as finding true lengths, true areas, true cross sections, lines or planes of intersection. Required of all pre-engineering students.
5. SHOP *One hour first semester*
 Lathe and shop tools, glass blowing, instrument building and callibrating. Laboratory fee \$5.00.
6. SHOP *One hour second semester*
 A continuation of Engineering 5. Laboratory fee \$5.00.
16. PLANE SURVEYING *Three hours second semester*
 Study of methods in field and office, use and care of instruments, simple surveying problems including traverses, levels, meridian determinations, latitudes and dysartures, elementary topographic surveying. Prerequisites: Mathematics 11-12 and Engineering 3. Required of all pre-engineering students.

WHITWORTH COLLEGE

DIVISION OF SOCIAL SCIENCES

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

SOCIAL SCIENCE MAJOR

OPTION I

Economics	12 Semester hours
History and Political Science.....	12 Semester hours
Sociology	12 Semester hours
Total	<u>36</u>

*OPTION II

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

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

BIBLE AND CHRISTIAN EDUCATION

Dr. Countermine
Dean Jenkins
President Warren
Professor Maxon

Our aim is: 1. To aid the student in grasping the content matter of the Bible, essential to an understanding of God's plan of redemption. 2. To provide the student with that quality knowledge which will enable him to face the stern realities of Christian living without compromising of convictions. 3. To instruct the student in the technique of Christian service. 4. To meet the requirements of the Board of Christian Education, namely six hours of "specific Bible," and two hours of Christian Education of each student for graduation.

SOCIAL SCIENCES

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

As a rule courses of odd numbers are offered the first semester, and of even numbers the second semester. Courses marked with an asterisk (*) are not offered in 1941-1942.

Part I. Bible

*3. THE BIBLE *Two hours one semester*

This course is designed for students who have not even an elementary knowledge of the Bible. It is a study about the Bible in preparation for a study of the Bible. Lectures with syllabus, memory work with charts, maps, general Biblical geography.

5. THE PENTATEUCH *Two hours one semester*

A study of Hebrew Law, the five books of Moses. An account of creation, and the beginning of all things, except God who has no beginning. This course is basic to all systematic Bible study and serves as a prerequisite to all other courses, except No. 3.

6. HISTORY OF THE JEWS *Two hours one semester*

The history of God's chosen people from their entrance into Canaan to their return from the Babylonian captivity, a period of about 1000 years. Begins with Joshua and ends with Esther. It is a logical sequence to No. 5.

*10. OVERVIEW OF NEW TESTAMENT
Two hours one semester

A study of the making and meaning of the New Testament, with the outstanding facts concerning each of the 27 books. A brief introduction to each book with special emphasis on certain portions thereof. Prerequisite: No. 5.

15. THE FOUR GOSPELS *Two hours one semester*

Why four instead of one? The characteristics of each, and its special adaptation to social, racial and religious life in presenting the Gospel of our Lord Jesus Christ. The student will read and review each Gospel in comparison with the others. Prerequisite: No. 5.

WHITWORTH COLLEGE

16. THE PRISON EPISTLES *Two hours one semester*

Here are four letters, Ephesians, Philippians, Colossians, and Philemon, written by Paul while in prison in Rome. Each of a general character and unique in presenting the essentials of Christian living. An appropriate sequence to No. 15.

31. THE GOSPELS AS OF MARK

Two hours one semester

Presenting Jesus as the Servant of God. Peculiarly the Gospel of power, action, conquest over nature, spirits, disease, death.

32. BIBLICAL CHURCH HISTORY

Two hours one semester

Namely the Acts of the Apostles, sometimes called "Acts of the Holy Spirit." The rise and growth of the Christian church, from Jerusalem to Rome. Prerequisite: No. 5.

50. THE EPISTLE TO THE HEBREWS

Three hours one semester

The bridge between the Old Testament and the New. Christ's complete superiority to all the provisions of the Old Testament shown. A study is made of teaching plans for the book. Prerequisite: Christian Education 5.

51. THE GOSPEL AS OF MATTHEW

Two hours one semester

He presents Jesus the Messiah, King of the Jews, hence primarily addressed to the Jews. Abounds in fulfilled prophecy, a connecting link between the two Testaments. A knowledge of No. 5 is essential.

52. THE GOSPEL AS OF LUKE

Two hours one semester

This book is designed for the Gentiles, especially the Greeks who aimed to produce a perfect man, but failed. But here He is, the Son of man and His perfection with a world-wide aspect as the great Physician and only Saviour of lost man. Prerequisite: No. 5.

53. THE GOSPEL AS OF JOHN

Two hours one semester

The beloved Gospel by the beloved disciple. Written a generation after the synoptics, with 20:31 as the key verse. Presents Jesus Christ as the Son of God, our Redeemer. A sequence of No. 5.

SOCIAL SCIENCES

54. THE GENERAL EPISTLES

Two hours one semester

Seven short letters, one by James, two by Peter, three by John and one by Jude. Faith and works characterize each in applied Christianity. Prerequisite: Four hours of Bible.

55. THE CORINTHIAN EPISTLES

Two hours one semester

The law of liberty and love in the midst of party spirit led to divisions and loss of zeal. Paul aims to correct erroneous views of social customs, worship, immortality, and to present some of the Christian essentials. Two hours of Old Testament required.

56. PAUL TO THE ROMANS

Two hours one semester

Of his 13 epistles this is his masterpiece. Sin, salvation, righteousness, all basic. The Law may condemn us, but Grace provides redemption through Christ. "The righteous shall live by faith." Four hours of Bible prerequisite.

57. THE MINOR PROPHETS *Two hours one semester*

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: Four hours of Bible.

58. THE PSALMS

Two hours one semester

Here is the epitome of the Bible. In many respects the Psalter stands alone, nothing like it in all literature. No other book more truly magnifies God, and sets forth in greater range the person and work of the Messiah from His advent to His ascension. Prerequisite: Four hours.

60. THE MESSAGE OF JEREMIAH

Three hours one semester

Here is one of the greatest figures in the whole range of Biblical history. His mission was to testify to a sinful and stubborn people, misled by false prophets. He saw his nation pass from happy prosperity under Josiah to its ruin under the last four godless kings. Prerequisite: Four hours of Bible.

WHITWORTH COLLEGE

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 four hours Bible before enrolling for any one of these courses; also Introductory Psychology.

71. ORGANIZATION AND ADMINISTRATION

Three hours one semester

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

72. CHILDREN AND YOUTH

Three hours one semester

Problems of childhood and adolescence studied from the Christian point of view, with educational methods and technique needed to give instruction and guidance to proper character building.

*73. PRINCIPLES AND METHODS

Three hours one semester

The problems and process of teacher training. Principles and technique necessary. A study of the teacher and his necessary equipment to succeed in the art of teaching.

*74. CHRISTIAN MISSIONS *Three hours one semester*

Beginning with Paul's journeys, sketching in review the progress, expansion, and general growth of Christian Missions. A study of some of the great characters, and methods of today under various organized efforts. Opportunities for service.

75. RELIGION IN AMERICA *Three hours one semester*

The goal of religion as conceived within traditional Christianity and several modern religious movements of America, including what is called "cults." Lectures and research work.

76. GEOGRAPHY AND ARCHEOLOGY

Three hours one semester

The first half of semester devoted to Biblical geography, and the second, to archaeology. Use text books in both courses, "A Bible Atlas" (Hurlbut), or "The Graphic Bible" (Browne) for the first half; and "Archaeology of the O. T." (Naville), or "Moses and the Monuments" (Kyle) for the second half, are suggested only.

SOCIAL SCIENCES

ECONOMICS, BUSINESS ADMINISTRATION, AND SECRETARIAL SCIENCE

Professor 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 thirty semester hours, including courses 1, 2, 13, 51, 65, 68, 101, and Education 54 (Statistics).

A major in Business Administration consists of thirty hours, including courses 1, 2, 15, 16, 53, 54, 55, 68, and Education 54 (Statistics).

A major in Secretarial Science consists of forty-nine hours, including courses in Economics: 1, 2, 9, 10, 15, 16, 53, 55, 57, 68; Education 54; Secretarial Science *1, *2, 3, 4, *5, *6, 9, 10, 20, 21. (Note: *Courses can be waived if satisfactory preparation has been made in elementary shorthand and typewriting.)

A minor in either Economics or Business Administration consists of sixteen 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.

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

*Joins Faculty in the summer of 1941.

BUSINESS ADMINISTRATION

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Principles of Economics.....	3	3
Introduction to Business.....	2	2

WHITWORTH COLLEGE

English (Composition)	3	3
Christian Education	—	2
Personal Hygiene	2	—
Public Speaking	—	2
Psychology	2	2
Physical Education	1	1
*Typewriting	1	1
	14	16

SOPHOMORE YEAR

Business Law	2	2
Introduction to Sociology	3	—
Society and Institutions	—	3
Argumentation	2	—
Applied Psychology	—	3
Christian Education	—	2
Physical Education	1	1
Economic Geography	3	—
Laboratory Science	5	5
	16	16

JUNIOR YEAR

Economic History of U. S.	3	—
Money and Banking	—	3
Labor Problems	—	3
Accounting	3	3
Public Finance	3	—
Christian Education	2	—
Statistics	—	3
Electives	5	4
	16	16

SENIOR YEAR

Advanced Economics	2	2
Business Finance	3	—
Transportation	—	3
Literature or Foreign Language	3	3
Marketing	—	3
Electives	5	5
Christian Education	2	2
	15	15

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

SOCIAL SCIENCES

ECONOMICS

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Principles of Economics	3	3
Introduction to Business	2	2
English Composition	3	3
Public Speaking	2	—
Christian Education	—	2
Introduction to Sociology	3	—
Society and Institutions	—	3
Psychology	2	2
Physical Education	1	1
	<hr style="width: 100%;"/>	<hr style="width: 100%;"/>
	16	16

SOPHOMORE YEAR

Argumentation	2	—
Economic Geography	3	—
Economic History of U. S.	—	3
Applied Psychology	—	3
Christian Education	2	—
History of the U. S. (15-16), or European History	3	3
Laboratory Science	5	5
Physical Education	1	1
Electives	—	2
	<hr style="width: 100%;"/>	<hr style="width: 100%;"/>
	16	17

JUNIOR YEAR

Money and Banking	—	3
Labor Problems	—	3
Accounting	3	3
Public Finance	3	—
Christian Education	2	—
Statistics (Education 54)	—	3
Literature or Foreign Language	3	3
Electives	4	—
	<hr style="width: 100%;"/>	<hr style="width: 100%;"/>
	15	15

SENIOR YEAR

Advanced Economics	2	2
Marketing	—	3
Philosophy	2	—
Transportation	—	3

WHITWORTH COLLEGE

Business Finance	3	
Electives	6	6
Christian Education	2	--
	15	14

SECRETARIAL TRAINING

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
Introduction to Sociology	3	--
Introduction to Business	2	2
English Composition	3	3
*Shorthand	3	3
*Typewriting	1	1
Christian Education	--	2
Psychology	2	2
Physical Education	1	1
Electives	--	2
	15	16

SOPHOMORE YEAR

Typewriting (advanced)	1	1
Shorthand (advanced)	3	3
Secretarial Training	2	2
Business English	3	--
Principles of Accounting	3	--
Christian Education	--	2
Principles of Economics	3	3
Physical Education	1	1
Electives	--	3
	16	15

JUNIOR YEAR

Business Law	2	2
Laboratory Science	5	5
Business Mathematics	3	--
American Government	3	--
Economic History of U. S.	--	3
Christian Education	2	--
Electives	--	6
	15	16

SENIOR YEAR

Public Speaking	2	--
Business Finance	3	--

SOCIAL SCIENCES

Marketing	--	3
Statistics (Educ. 54)	--	3
Christian Education	2	--
Literature or Foreign Language	3	3
Electives	4	6
Personal Hygiene	2	--
	16	15

Note: *This will be waived for students who demonstrate that they have a good mastery of the typewriter and of Shorthand.

PRE-LAW COURSE

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

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

FRESHMAN YEAR

<i>Subject</i>	1st Sem. <i>Hours</i>	2nd Sem. <i>Hours</i>
English Composition	3	3
Principles of Economics	3	3
Laboratory Science	5	5
Introduction to Business	2	2
Public Speaking	2	--
Christian Education	--	2
Psychology	2	2
	17	17

WHITWORTH COLLEGE

SOPHOMORE YEAR

English (Literature)	—	3
Sociology	3	—
Political Science	3	3
Economic Geography	—	3
Economic History	3	—
European History	3	3
Argumentation	2	—
Christian Education	—	2
Philosophy	2	2
Physical Education	1	1
	17	17

JUNIOR YEAR

Political Science or History	3	3
Sociology	5	—
Labor Problems	—	3
Business Finance	3	—
Public Finance	3	1
Money and Banking	—	3
English (Literature)	—	3
Christian Education	2	—
Electives	—	2
Physical Education	1	1
	17	15

1-2. PRINCIPLES OF ECONOMICS

Three hours each semester

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

*8. ELEMENTARY BUSINESS PRINCIPLES

Two hours second semester

A first course—Business Principles Everyone Should Know—whose objectives are: (1) to present fundamental principles of business; (2) to reveal some things to avoid in choosing a vocation; (3) to aid the consumer to get his "money's worth" when buying; and (4) to help create a higher standard of ethics and to help establish a philosophy of living.

SOCIAL SCIENCES

9-10. INTRODUCTION TO BUSINESS

Two hours each semester

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

*13. WORLD RESOURCES, ECONOMIC GEOGRAPHY

Three hours first semester

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

15-16. BUSINESS LAW *Two hours each semester*

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

*44. BUSINESS MATHEMATICS

Three hours second semester

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

WHITWORTH COLLEGE

*51. ECONOMIC HISTORY OF THE UNITED STATES *Three hours first semester*

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

52. LABOR PROBLEMS *Three hours second semester*

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

*53-54. ACCOUNTING *Three hours each semester*

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

*55. BUSINESS FINANCE *Three hours first semester*

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

56. MONEY AND BANKING *Three hours second semester*

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

*57. BUSINESS ENGLISH *Three hours first semester*

Prerequisites: English 1 and 2. Business letters, business reports, abstracts and summaries. Offered primarily for students of business administration.

61. PUBLIC FINANCE *Three hours first semester*

An examination of the theories and facts relating to the finances of local, state, and national governments, with special

SOCIAL SCIENCES

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

62. TRANSPORTATION *Three hours second semester*

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

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

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

*68. MARKETING *Three hours second semester*

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

*90. TOMORROW IN THE MAKING *Three hours second semester*

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.

102. ADVANCED ECONOMIC THEORY *Two hours second semester*

A review of the principles of economics in the light of the ideals of the leading contemporary economists. A consideration,

WHITWORTH COLLEGE

largely theoretical, of the validity of the theories of these economists, and an attempt to reconcile their apparent differences. Required of teaching majors. Prerequisite: Economics 1-2. It is recommended that Economics 65 also precede this course.

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

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

SECRETARIAL SCIENCE

1-2. TYPEWRITING *One hour each semester*

Four 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.

*3-4. ADVANCED TYPEWRITING *One hour each semester*

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

5-6. SHORTHAND *Three hours each semester*

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

*9-10. ADVANCED SHORTHAND *Three hours each semester*

Four class periods per week. Continuation of Secretarial Science 5-6.

*20-21. SECRETARIAL WORK *Two hours each semester*

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.

Note: *Given alternate years. Not offered year 1941-1942.

SOCIAL SCIENCES

EDUCATION AND PSYCHOLOGY

Dr. Hardwick
Professor Poole

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

REQUIREMENTS FOR TEACHING CERTIFICATION

Three-Year Secondary Certificates

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

1. A total of thirty semester hours beyond the baccalaureate degree.
2. If not already completed in undergraduate work the following courses in education must be included: Educational psychology, general methods, special methods, secondary education, cadet teaching. A total of sixteen semester hours in education is required.
3. State manual must be taken either as a course in summer school or by examination. In which case a grade of 85 must be obtained, and cannot count toward requirements 1 and 2.
4. The applicant must have completed one teaching major of at least twenty-four semester hours and two teaching minors of at least twelve semester hours. The majors and minors must be in distinct teaching fields and in subjects regularly offered in the secondary schools of Washington.
5. The applicant must have completed ten hours of contemporary social problems. Such courses as: sociology, current history, economics, and political science will satisfy this requirement.
6. Grade average in major and minor fields must be C or more.

Preparation for teaching should begin in the junior year. A major and two minors with an additional minor in education are required. These should be chosen in

WHITWORTH COLLEGE

consultation with the head of the education department as some subjects are more desirable than others. It is possible for students to shape their courses so that this extra year's work will lead to the degrees of Master of Arts and Master of Science as well as the Teaching Certificate.

1. GENERAL PSYCHOLOGY *Two hours first semester*

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

2. GENERAL PSYCHOLOGY

Two semester hours second semester

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

*21. GENERAL PSYCHOLOGY (Upper Division Students)

Three hours one semester

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

50. APPLIED PSYCHOLOGY *Three hours one semester*

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

SOCIAL SCIENCES

51. HISTORY OF EDUCATION

Three hours one semester

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

52. SECONDARY EDUCATION

Three hours one semester

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

*53. THE JUNIOR HIGH SCHOOL

Three hours one semester

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

*54. FUNDAMENTALS OF STATISTICS

Three hours one semester

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

55S. STATE MANUAL *Two hours Summer Session*

56. EDUCATIONAL PSYCHOLOGY

Three hours one semester

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

*57. EDUCATIONAL AND VOCATIONAL GUIDANCE

Two hours one semester

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

WHITWORTH COLLEGE

59. SCHOOL ADMINISTRATION

Two hours one semester

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

60. THE PSYCHOLOGY OF ABNORMAL PEOPLE

Three hours one semester

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.

*61. TESTS AND MEASUREMENTS

Two hours one semester

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

62. DIRECTING LEARNING *Two hours one semester*

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

63. SPECIAL METHODS IN SECONDARY EDUCATION

Two hours one semester

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

SOCIAL SCIENCES

*64. THE MEASUREMENT OF INTELLIGENCE

Three hours one semester

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

65. CHILD STUDY AND ADOLESCENCE

Three hours one semester

A careful study of the physical, mental and moral development in childhood and adolescence, and the application of the same to the care, training and education of adolescents.

66. EDUCATIONAL SOCIOLOGY

Three hours either semester

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

68. THE PSYCHOLOGY OF ADJUSTMENT

Three hours one semester

This course deals with the origins of behavior, the modification of behavior, motivation and adjustment, varieties of adaptive behavior, the organic factors of personality, the development of personality traits, guidance of readjustments, and the application of mental hygiene.

70. CADET TEACHING *Four hours one semester*

80. PHILOSOPHY OF EDUCATION

Three hours one semester

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

DEPARTMENT OF HISTORY

Dr. Bowersox

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

WHITWORTH COLLEGE

History

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

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

15-16. HISTORY OF THE UNITED STATES

Two hours each semester

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

25-26. ENGLISH HISTORY *Three hours each semester*

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

*27. HISTORY OF THE AMERICAS

Two hours first semester

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

*28. THE FAR EAST *Two hours second semester*

A survey course in the recent history of the Orient.

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

Three hours second semester

*57. UNITED STATES HISTORY, 1850-1877

Three hours first semester

An intensive study of the events leading up to the Civil War, the War, and the reconstruction period. The reconstruction of the North and West as well as the South will be considered.

SOCIAL SCIENCES

63-64. THE WORLD FROM 1815 TO THE PRESENT
Three hours both semesters

The Industrial Revolution, growth of nationalism, liberalism, and imperialism, the World Wars.

*65-66. EUROPE FROM 1500 TO 1815
Three hours both semesters

The Renaissance, Reformation, Age of Louis XIV, the French Revolution, and Napoleon.

77. THE AMERICAN FRONTIER
Two hours first semester

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

78. THE PACIFIC NORTHWEST
Two hours second semester

90-110. INDIVIDUAL STUDY

DEPARTMENT OF PHILOSOPHY

Professor Poole

1. INTRODUCTION TO PHILOSOPHY
Two hours first semester

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

2. LOGIC
Two hours first semester

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

52. ETHICS
Two hours second semester

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

WHITWORTH COLLEGE

53. HISTORY OF PHILOSOPHY

Two hours second semester

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. (b) Modern philosophy: Decartes, Spinoza, Leibniz; Locke, Berkeley, Hume; Kant and German Idealism.

PHYSICAL EDUCATION

Mr. Gavin

Mrs. Gavin

Dr. Rose

Dr. Grieve

Since man's nature is composed of three definite parts; soul, mind, and body, it is necessary to educate these so that he will be best fitted for his place in life.

The department of physical education strives to give this well-rounded instruction to each individual. A minor consists of 16 semester hours.

All students are required to take four hours of physical education (gym or its equivalent) before he is allowed to graduate. If the individual has the ability and desires to participate in intercollegiate competition on a varsity 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 four 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. PHYSICAL EDUCATION, FRESHMAN GYM

One hour each semester

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

SOCIAL SCIENCES

3-4. PHYSICAL EDUCATION, SOPHOMORE GYM *One hour each semester*

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

5. FOOTBALL *One hour first semester*

6. BASKETBALL *One hour second semester*

7. TENNIS *One hour second semester*

8. GOLF *One hour second semester*

10. HYGIENE *Two hours first semester*

A study of health problems and the care of the body. This class meets twice each week.

11-12. THEORY OF COACHING *Two hours each semester*

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 the first semester, and basketball the second semester.

13. THEORY OF COACHING *Two hours each semester*

Track and field events, training methods, and techniques will be studied the final half of the semester. The second half will be devoted to the study of the game of baseball.

II. Courses For Both Men and Women

30. ATHLETIC INJURIES *Two hours second semester*

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

50. RECREATIONAL LEADERSHIP *Two hours second semester*

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 first semester*

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

WHITWORTH COLLEGE

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).

10. PERSONAL HYGIENE *Two hours first semester*

The course is conducted by Dr. Frances E. Rose and Dr. Margaret Irene Grieve and is required of all freshman girls, and 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.

24. TENNIS *One hour second semester*

25-26. SPORTS *One hour each semester*

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

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

The first semester is given over to emphasis on southern folk games adaptable to large and small groups and the second semester is primarily taken up in exhibition work.

64. CLUB LEADERSHIP *Two hours first semester*

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 second semester

An intensive study of principal activities suited to high school girls.

DEPARTMENT OF POLITICAL SCIENCE

Dr. Bowersox

***Professor Culverwell**

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

SOCIAL SCIENCES

11-13. INTRODUCTION TO POLITICAL SCIENCE

Three hours each semester

A study of the forms and activities of government, with special attention being given to the American government.

*12. AMERICAN STATE AND LOCAL GOVERNMENT

Two hours first semester

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

26. COMPARATIVE GOVERNMENTS

Three hours second semester

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

28. CONTEMPORARY WORLD POLITICS

Three hours second semester

Consideration of pre-war international organization, the attempts to secure collective security, the recent developments in Europe and the Far East, and the new emphasis on the Monroe Doctrine.

*61. AMERICAN POLITICAL PARTIES

Two hours first semester

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

*62. AMERICAN POLITICAL THOUGHT

Two hours second semester

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

63-64. HISTORY OF POLITICAL THOUGHT

Three hours each semester

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

70. INTERNATIONAL LAW *Two hours second semester*

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

WHITWORTH COLLEGE

77. PUBLIC ADMINISTRATION

Three hours second semester

A general survey of the field of public administration including relationship of administration to other agencies of government; the public service.

78. PROBLEMS IN AMERICAN NATIONAL GOVERNMENT

Two hours second semester

Significant national problems, including presidential "dictatorship," bureaucracy, the lobby, congressional investigations, executive justice.

81. PUBLIC OPINION

Two hours first semester

Character and operation of beliefs formed by general discussion. Problems of propaganda, criticism, and education.

90-110. INDIVIDUAL STUDY

*Joins the faculty in the summer of 1941.

SOCIOLOGY

Professor Robinson

Sociology is a scientific study of the development, organization and function of human groups and institutions. The function of the department is to stimulate a critical and constructive attitude toward programs of social action and to furnish a sound basis of information for intelligent social living. Sociology is a basic study for those planning teaching or ministerial careers, for persons preparing for governmental, community, institutional or business careers in the fields of social work, personnel, public welfare, or public administrative work.

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

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

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

Sociology 1 is a prerequisite to all Sociology courses.

SOCIAL SCIENCES

A Social Science Major consists of the following: Economics, 12 semester hours; History and Political Science, 12 semester hours, and Sociology, 12 semester hours or 15 semester hours in each of two of these fields and 6 semester hours in the third. Education 54 or Math. 22 statistics is required in either of these options.

1. INTRODUCTION TO SOCIOLOGY

Three hours first semester

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

2. SOCIAL INSTITUTIONS *Three hours second semester*

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

9. HUMAN ECOLOGY *Two hours first semester*

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

10. SOCIAL DISORGANIZATION

Three hours second semester

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

32. GROUP BEHAVIOR *Three hours first semester*

The field of investigation, sometimes called social psychology, lies in the phenomena of mass or group reaction to stimuli or interstimulation. Source of public opinion, mass action, propaganda, etc., are investigated.

*42. POPULATION *Two hours second semester*

Study of population composition, quantitative and qualitative growth and trends, dispersion, present trends in growth and mobility. Influences determining population changes.

WHITWORTH COLLEGE

*51. CRIMINOLOGY AND JUVENILE DELINQUENCY
Three hours first semester

Analysis of contributing factors in criminality, economic, political, psychological, and other environmental and pathological factors. Analysis of the origins of delinquency. Study of programs of punishment, reform and rehabilitation.

*55. SOCIAL THEORY *Three hours first semester*

A comparative and critical study of the contributions of sociological thinkers from early times to modern. A study of the various schools of sociological thought, and an analysis of recent trends in sociological thought, and an analysis of recent trends in sociological thinking.

56. THE FAMILY *Three hours second semester*

A study of the family as a social institution, an evaluation of the historical, economic, social and social psychological approaches to family functioning. A consideration of factors in marital adjustment and parent child interaction.

58. RURAL SOCIOLOGY *Two hours second semester*

A study of the structure and institutions of the rural community, a consideration of the broader social and economic problems of the rural areas of the country, and a community organizational approach to rural community functioning.

*65. SOCIAL ATTITUDES *Three hours second semester*

A search into the environmental bases for the developing social attitudes of various groups among the population. Study of pressure groups, and effectiveness of various types of social control devices such as education, propaganda, agitation, etc.

*67. PRINCIPLES OF SOCIAL WORK
Three hours second semester

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

101. SOCIAL RESEARCH *Two hours second semester*

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

WHITWORTH COLLEGE

TOTAL STUDENT ENROLLMENT BY CLASSES
1940-1941

Seniors

*Anderson, Robert— <i>Biology</i>	Garfield
Bailey, Dorsey— <i>English</i>	Spokane
Barrow, Eleanor— <i>Music</i>	Spokane
Bell, Keith— <i>Christian Education</i>	Seattle
Burnett, Fred— <i>Economics</i>	Granger
Coleman, Douglas— <i>English</i>	Spokane
Dexter, Mildred— <i>Sociology</i>	Long Beach, Calif.
Duff, Faye— <i>Nursing</i>	Spokane
Eaton, Sydney— <i>Public Speaking</i>	Sedro Woolley
*Edenso, Nathaniel— <i>Economics</i>	Craig, Alaska
Ferrell, Betty— <i>English</i>	Spokane
Gent, Arda— <i>Christian Education</i>	Bishop, Calif.
Goodsell, James— <i>Music</i>	Colbert
Gwinn, Gwendolen— <i>Home Economics</i>	Garfield
Hammond, Dorothy— <i>Social Science</i>	Spokane
Hess, Frances— <i>French</i>	Wallace, Idaho
*Hickox, Keith— <i>Mathematics-Physics</i>	Spokane
Hunter, Eleanor— <i>English</i>	Long Beach, Calif.
Iwerks, Darrell— <i>Sociology</i>	Rocklyn
*Joss, Margaret— <i>Home Economics</i>	Spokane
*Klein, Earl— <i>Sociology</i>	Reardan
Nozaki, Tamiko— <i>Home Economics</i>	Spokane
Purcell, Edith— <i>Nursing</i>	Rockford
Robinson, Dougald— <i>Chemistry</i>	Sandpoint, Idaho
*Rodkey, Lee— <i>Chemistry</i>	Post Falls, Idaho
Teeter, Dorathea— <i>English</i>	Wenatchee
Unti, Francis— <i>Economics</i>	Anaconda, Montana
*Rosenquist, Gladys Hawley	Spokane

*First semester seniors.

Juniors

Blumbagen, Rex	Wenatchee
Boughton, Marjorie	St. Maries, Idaho
Braden, Russell	Spokane
Brault, Robert	Hoquiam
Bunkleman, Verna	Tekoa
Carman, Joe	Spokane
Carlson, Helen	Spokane
Dixon, Joe	Wenatchee
Fay, Arlene	Spokane

WHITWORTH COLLEGE

Greene, Virginia	Fort Smith, Arkansas
Hanford, Philip	Oakesdale
Hawley, Shirley	Spokane
Hook, John	Valleyford
Howes, Roy	Spokane
Hoyt, Charles	Spokane
Johnson, Florence Maurite	Spokane
Lamparter, Helen	Harrington
Ludwig, Clarence	Spokane
Miller, Barbara	Rosalia
Muench, Dolores	Portland, Oregon
Nance, Virginia Lee	Spokane
Olmsted, Evelyn	Deming
Peterson, Walter	Veradale
Potter, Irvin	Springdale
Reese, Robert	Yakima
Richter, Bill	Spokane
Rost, Edward	Spokane
Schell, Eleanor	Chattaroy
Scott, Wesley	Spokane
Sparrow, Stewart	Spokane
Stannard, Louis	Spokane
Waddell, Helen	Spokane
Wolfe, Joseph	Port Angeles

Sophomores

Baldwin, Ruth	Spokane
Barbre, Paul	Harrington
Bell, Genevieve	Seattle
Blanford, Carl	Post Falls, Idaho
Boni, Loui	Spokane
Bovee, Jane	Seattle
Boyle, Mary	Libby, Mont.
Bramblet, Lyle	Deary, Idaho
Carson, Phyllis	Spokane
Casey, Jack	Spokane
Casey, Margaret	Spokane
Chapin, Walter	Post Falls, Idaho
DeArmand, Milton	Spokane
Dean, Gerald	Spokane
Dekker, Johanna	Granger
Dekker, Laurence	Granger
Dugan, Mary Elaine	Tacoma
Eddy, Richard	Spokane
Feathers, Joe	Canby, Oregon
Forkner, Vernon	Spokane
Forrester, Melba	Vancouver, B. C.

WHITWORTH COLLEGE

Fletcher, Don	Seattle
Gilman, Joanne	Manette
Goodsell, Ralph	Colbert
Goudzward, Jeanette	Spokane
Hansen, Charlotte	Waterville
Haines, Robert	Whitefish, Montana
Harrison, Blanche	Spokane
Hoff, Norma	Mica
Holder, Louise	Spokane
Hoppe, Bill	Spokane
Johnson, Robert	Spokane
Kinard, Lyman	Spokane
Law, John	Wenatchee
Lindau, Margaret	Murtaugh, Idaho
Martin, Steve	Kellogg, Idaho
McInturff, Donald	Spokane
Messex, Lewis	Spokane
Moos, Marvin	Sprague
Neustel, Martha	Spokane
Penniman, George	Spokane
Peterson, Laurence	Veradale
Remmers, Phyllis	Spokane
Riek, Janet	Spokane
Rodkey, John	Post Falls, Idaho
Ruby, Robert	Mabton
Scott, Everett	Eureka, Montana
Skeels, Margaret	Colville
Smith, Sam	Chewelah
Snyder, Earl	Port Townsend
Thompson, Gloria	Spokane
Thompson, Robert	Spokane
Trevitt, Lenore	Republic
Turner, Helen	Spokane
Vaughan, Harry	Spokane
Wanrooy, Doris	Grand Rapids, Mich.
Wilson, Lu Alice	Spokane
Wright, William	Spokane

Freshmen

Achziger, Robert	Spokane
Baugh, Odin	Wenatchee
Bell, Lois	Yakima
Berkey, Paul	Spokane
Bishop, Regina	Garfield
Blindauer, Marilyn	Hamilton, Montana
Borhauer, Harold	Spokane
Burnett, Beverly	Granger

WHITWORTH COLLEGE

Calhoun, George	Spokane
Chaffee, Elsworth	Spokane
Chambers, David	Cowichee
Christiansen, Constance	Tacoma
Coleman, Bruce	Spokane
Daniels, Ferne	Ephrata
Dresser, Mary Ann	Jennings Lodge, Ore.
Earl, Thelma	Lewiston, Idaho
Egbers, Jean	Spokane
Ettenborough, Dorothy	Spokane
Gage, Beverly	Coeur d'Alene, Idaho
Ghormley, Helen	Yakima
Gilmore, Jane	Yakima
Goemmer, Margaret	Yakima
Gossett, Minnie Mae	Mead
Gustafson, Dwight	Spokane
Hook, Eleanor	Valleyford
Hughart, Cora	Spokane
Hunt, John	Seattle
Hunsberger, Wayne	Spokane
Huntley, Ruth	Spokane
Humphrey, Gene	Northport
Horn, Iola	Caldwell, Kansas
Jacobsen, Eunice	Spokane
Johnson, Edna	Spokane
Kitt, Lorraine	Harrington
Klein, Gerald	Sprague
Lange, John	Hope
Liening, Florence	Spokane
Lotte, Virginia	Wrangell, Alaska
MacKay, John	Spokane
Malby, Wesley	Spokane
Marshall, Eugene	Seattle
McCullough, Bruce	Tacoma
Menge, Ellen	Deer Park
Merkel, Paul	Sprague
Minnich, Harold	Omak
Myrick, Willard	Spokane
Paul, Marian	Wrangell, Alaska
Popkes, Ann	Mead
Riley, Rolla	Yakima
Robinson, Carroll	Spokane
Ray, Helen	Granger
Reese, Dorothy Clifford	Yakima
Schwab, Richard	Corvallis, Montana
Sherwin, John	Spokane
Starrett, Jack	Seattle
Stephens, Elsie	Spokane

WHITWORTH COLLEGE

Soloos, Harry	Tacoma
Sweer, Malcolm	Spokane
Sweet, Malcolm	Spokane
Summers, Bill	Chewelah
Talbott, Margaritte	Worley, Idaho
Taylor, Jim	Omak
Thorndike, David	Monument, Oregon
Tracy, Dora	Denver, Col.
Thomas, Malcolm	Spokane
Thorp, Margaret	Deer Park
Wall, Marion	Manette
Warth, Jack	Spokane
Watson, Leonard	Yakima
Wells, Mildred	Mead
Wheeler, Charles	Spokane
Weaver, Robert	Spokane
Wotring, Bill	Spokane
White, Ernest	Newport

Special Nursing Students

Anderson, Bergit	Spokane
Ansk, Arlene	Livingston, Montana
Buchholz, Dorothy	Peck, Idaho
Beamis, Irene	Albany, Oregon
Calvert, Irene	Portland, Oregon
Clark, Janette	Grandview
Felton, Helen	Spokane
Johnson, Eva	Pullman
Leedham, Ruth	Glasgow, Montana
Mickleston, Mrs. Olive	Spokane
Miller, Ruth	Malden
Mitchell, Mary	Néz Perce, Idaho
Randall, Ruth	Veradale
Rorvig, Martha	Sanders, Idaho
Simler, Helen	Kamiah, Idaho
Solberg, Joan	Bellingham
Stanton, Norma	Spokane
Wolfe, Jean	Walla Walla

Postgraduates

Barowski, Robert	Bremerton
Carrel, Anna J.	Cleveland, Ohio
Clement, Robert	Spokane
Dreblow, Carlita	Hunters
Hook, LeRoy	Valleyford

WHITWORTH COLLEGE

Ludwig, Muriel	Spokane
McDonald, Alice	Mullan, Idaho
Moos, Velma	Sprague
Parks, Emily	Spokane
Peers, Anna Belle	Spokane
Pond, William	Williston, North Dakota
Scafe, Wilbur	Spokane
Stanford, Loretta	Spokane

Special Students

Arnquist, Betty	Spokane
Babb, Veva	Spokane
Bagdon, Harriet	Wenatchee
Beyersdork, Doris	Spokane
Bloomberg, Mrs. Katherine	Spokane
Dormrese, Mrs. L.	Spokane
Fry, Cleo	Spokane
Gavin, Margaret	Spokane
Gregg, Charlotte	Spokane
Gustafson, Elizabeth	Spokane
Gusseck, Raymond	Lewiston, Idaho
Hannenber, Geraldine	Spokane
Hannenber, Marian	Spokane
Howes, Mona	Spokane
Klein, Mrs. Earl	Reardan
Maxon, Theron	Spokane
McVeigh, Marian	Spokane
Molstad, Ralph	Spokane
Murphy, Mrs. Mary Louise	Spokane
Niwa, Selichi	Spokane
Radcliff, Edward	Spokane
Robinson, Duane	Spokane
Roeders, Delores	Spokane
Rubedew, Betty	Spokane
Seyforth, Evelyn	Post Falls, Idaho
Spurgeon, Melva	Spokane
Squibb, Wilene	Spokane
Teeter, Mrs. Lina	Wenatchee
Thompson, Gertrude	Spokane
Toevs, Walter E.	Spokane
Wallace, Betty	Spokane
Warren, Joyce	Spokane
Whilt, Wesley	Spokane
Whilt, Mrs. Wesley	Spokane
Wilson, John W.	Spokane
Wilson, Mrs. John W.	Spokane
Wilson, Mrs. Phillip	Spokane

WHITWORTH COLLEGE

Summer

*Barrow, Eleanor	Spokane
Blaisdell, Jack	Creston
Border, Mrs. Catherine	Spokane
*Boughton, Marjorie	St. Maries, Idaho
Bradford, Lowell	Spokane
Brown, Lillian	Spokane
Brown, Ruth	Clarkston, Idaho
Buck, Mary Nell	Corvallis, Montana
Budwin, Theodora	Spokane
Campbell, Grace	Spokane
Clark, Mary I.	Spokane
*Clement, Robert	Spokane
*Dreblow, Carlita	Hunters
*Duff, Faye	Spokane
Ecker, J. O.	Spokane
Ferrer, R. G.	Spokane
Gold, William	Spokane
*Goodsell, James	Colbert
*Hammond, Dorothy	Spokane
Hawes, W. C.	Spokane
*Hawley, Gladys	Spokane
Helm, Harry	Spokane
Herrington, Edna	Spokane
*Hess, Frances	Spokane
Hewitt, Catherine	Spokane
Hix, Ernest	Spokane
Holtzclaw, Mrs. N. E.	Spokane
Johnson, Russell	Spokane
Kellough, Lance	Spokane
Lord, Lenora	Portland, Oregon
*Ludwig, Muriel	Spokane
MacMillan, Byron	Spokane
McCannon, Hazel	Spokane
McDonald, Christine	Mullan, Idaho
Maltby, Jeanette	Spokane
*Miller, Barbara	Rosalia
Miller, Pauline	Spokane
Mount, Mary Virginia	Libby, Montana
*Peers, Anna Belle	Spokane
*Purcell, Edith	Rockford
Randall, Charles	Spokane
Rawlings, Margaret	Spokane
*Richter, William	Spokane
Rosenquist, Werner	Spokane
Richardson, Norman	Spokane
*Scott, Wesley	Spokane

WHITWORTH COLLEGE

Smith, Mary Lou	Spokane
Stevens, Lewis	Spokane
Soules, Jean	Spokane
Stephey, Robert	Osburn, Idaho
Taylor, Wesley	Spokane
*Trevitt, Lenore	Republic
Thorndike, Gertrude	Neah Bay
VanAustene, Ethel	Spokane
Woodworth, Mary	Spokane

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

Summary of Enrollment

1940-1941

Seniors	28
Juniors	33
Sophomores	58
Freshmen	73
Post Graduates	13
Special Nursing Students	18
Special Students	37
Summer School (not duplicated in any other classification)	39
Total	299

GRADUATES

1940

Bachelor of Arts

Bagdon, Harriet— <i>Music</i>	Wenatchee
Barowski, Robert— <i>English</i>	Bremerton
Bassford, Edgar Thomas— <i>History</i>	Chester, Montana
Buck, Mary Nell— <i>English</i>	Corvallis, Montana
Eastburg, Harold L.— <i>Sociology</i>	Spokane
Gold, William J.— <i>History</i>	Spokane
Johnson, Russell— <i>History</i>	Spokane
Kirsch, Lewis— <i>Economics</i>	Spokane
Koper, Mary Elizabeth— <i>Music</i>	Spokane
Larson, Edna A.— <i>Christian Education</i>	Valleyford
Lord, Lenora Hazel— <i>Sociology</i>	Portland, Oregon
Ludwig, Muriel May— <i>History</i>	Spokane
MacIntyre, David H.— <i>Economics</i>	Anaconda, Montana

Margaret Rebban

Spokane

WHITWORTH COLLEGE

Robert Clement

Spokane

McCannon, Hazel— <i>Education</i>	Spokane
Mount, Mary Virginia— <i>English</i>	Libby, Montana
Muench, Eugene W.— <i>English</i>	Portland, Oregon
Nelson, Eugene— <i>Christian Education</i>	Kingsburg, California
Peers, Anna Belle— <i>English</i>	Spokane
Peterson, Gladys I.— <i>Education</i>	Gig Harbor
Peterson, Janice Frances— <i>English</i>	Enumclaw
Rosenquist, Werner— <i>Economics</i>	Veradale
Roth, John, Jr.— <i>Economics</i>	Harrington
Schmirler, Donald L.— <i>Sociology</i>	Plummer, Idaho
Stanford, Loretta Mae— <i>French</i>	Spokane
Tobie, Martha Lee— <i>English</i>	Spokane
Wikstrom, Paul V.— <i>Sociology</i>	Spokane
Wotring, Ray— <i>History</i>	Wenatchee

29

Bachelor of Science

Hook, LeRoy E.— <i>Biology</i>	Valleyford
Hughart, Stanley— <i>Mathematics</i>	Spokane
Lautenschleger, Aldena S.— <i>Nursing Science</i>	Colfax
McDonald, Alice M.— <i>Physical Education</i>	Mullan, Idaho
Miller, Pauline Ednabeth— <i>Home Economics</i>	Spokane
Pond, William Burritt— <i>Biology</i>	Williston, North Dakota
Smith, F. Dale— <i>Mathematics</i>	Spokane

1

Master of Arts

Holtzclaw, Nell Evangeline— <i>History</i>	Spokane
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1

Master of Science

Hewitt, Alfred Frank— <i>Biology</i>	Spokane
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1

HONORARY DEGREES

Doctor of Laws

Graves, J. P.	Spokane
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1

Doctor of Divinity

Whitsitt, William S.	Winona, Minnesota
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WHITWORTH COLLEGE

OFFICERS OF ALUMNI ASSOCIATION

1940-1941

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

Vice President, East Side—Alice Postell, '31, Opportunity.

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

Vice President, San Francisco Bay Region—William Rasco, '37, Danville, California.

Secretary—Harold Slater, '33, 1120 N. Cannon, Spokane.

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

WHITWORTH COLLEGE AUXILIARY OFFICERS

April, 1941

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. B. C. Neustel	.....	<i>President</i>
Mrs. N. M. McLeod	.....	<i>First Vice President</i>
Mrs. J. Forrester	.....	<i>Second Vice President</i>
Mrs. V. Moore	.....	<i>Recording Secretary</i>
Mrs. F. F. Warren	.....	<i>Treasurer</i>
Mrs. W. Fancher	.....	<i>Financial Secretary</i>
Mrs. F. F. Hardwick	.....	<i>Promotional Secretary</i>

Board of Members at Large

Mrs. J. W. Countermine
Mrs. F. C. Farr
Mrs. F. R. Fursey
Mrs. H. H. McVeigh

Mrs. O. C. Miller
Mrs. C. Quackenbush
Mrs. J. Richardson
Mrs. E. R. VanLeuven

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
Pauline Miller
Janice Peterson
John Roth

1940

Eleanor Barrow
Verna Bunkleman
James Goodsell
Tamiko Nozaki
Lee Rodkey

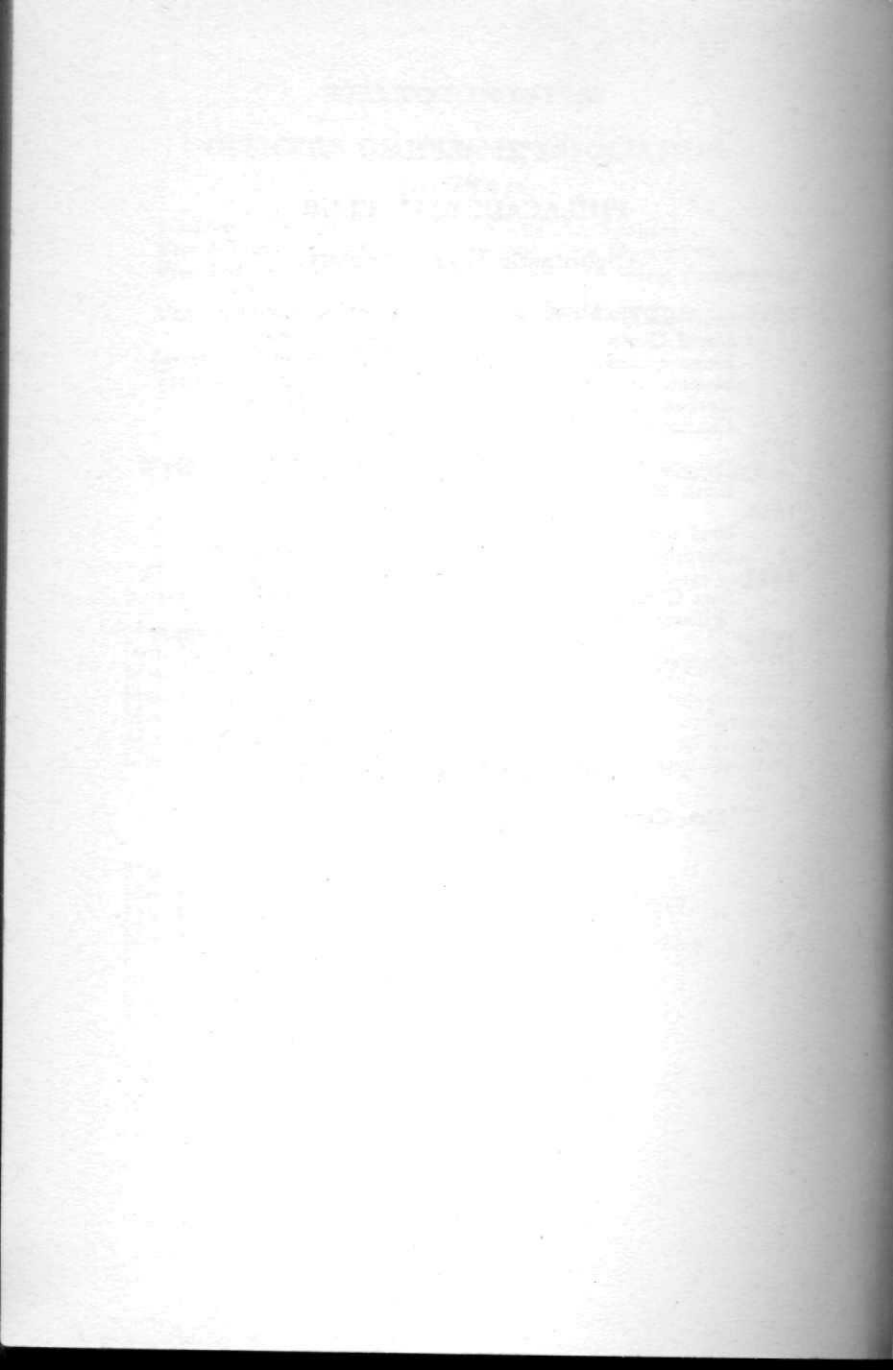
ASSOCIATE MEMBERS
Charles Hoyt

1940 FACULTY MEMBERS

Mrs. Carrel

Mr. Poole

Miss Magill



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? _____

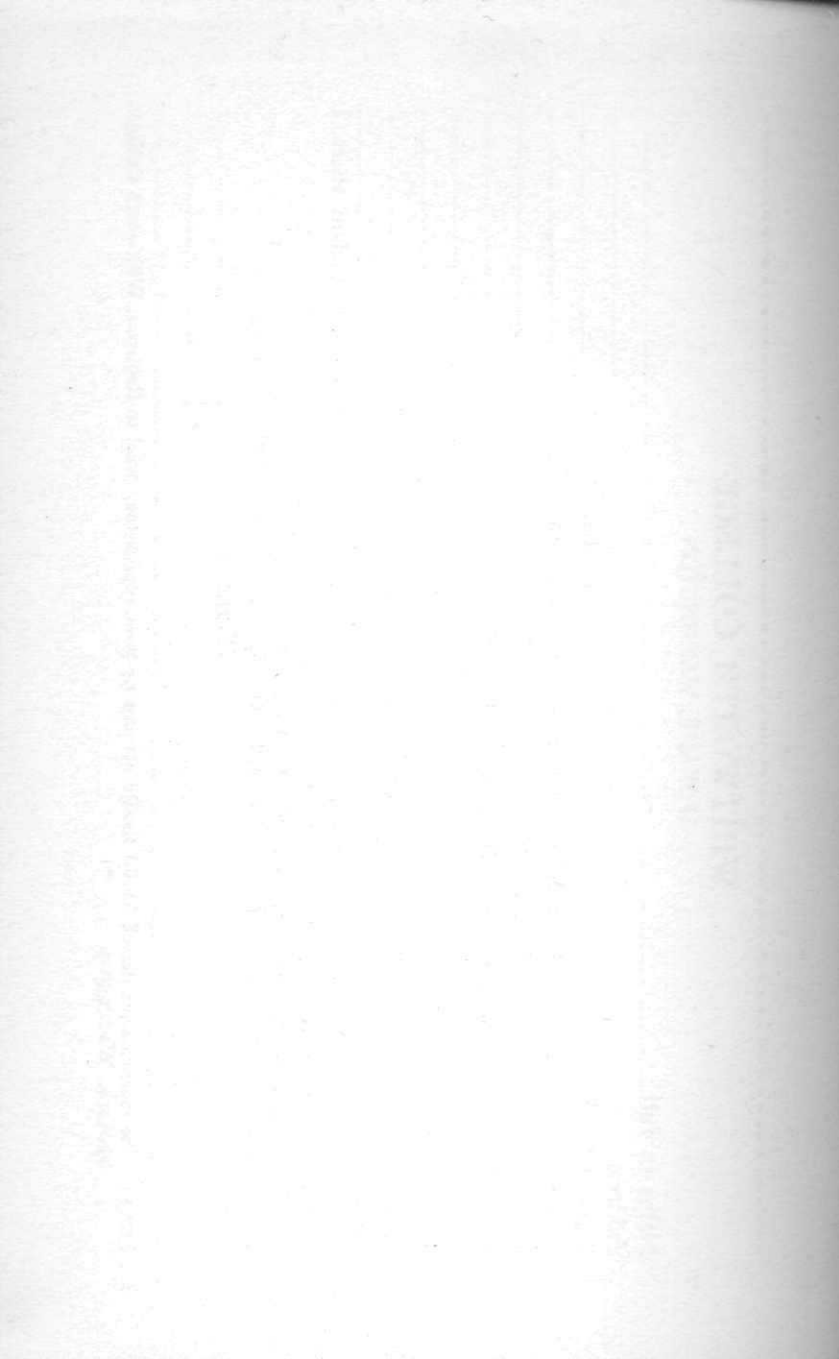
In applying for entrance to Whitworth College I sincerely agree that while a student there, I shall endeavor to live the life of a Christian and shall:

(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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